



OFFSITE DRAINAGE AREA MAP
NTS

DRAINAGE AREAS

Area	ac	% Imp	2 yr PI	15 yr PI	25 yr PI	100 yr PI	2 yr Q 2yr	15 yr Q 15yr	25 yr Q 25yr	100 yr Q 100 yr
A1-2yr Storm	0.70	5%	1.15				0.81			
A1-Other Storms	0.70	15%		1.90	2.24	2.64		1.33	1.57	1.85
A2	0.74	70%	2.00	3.00	3.54	4.17	1.48	2.22	2.62	3.09
A3	0.43	70%	2.00	3.00	3.54	4.17	0.86	1.29	1.52	1.79
A4	0.78	70%	2.00	3.00	3.54	4.17	1.56	2.34	2.76	3.25
A5	0.18	70%	2.00	3.00	3.54	4.17	0.36	0.54	0.64	0.75
A6	0.36	70%	2.00	3.00	3.54	4.17	0.72	1.08	1.27	1.50
TOTAL	3.89						5.79	8.80	10.38	12.23
B1	0.46	5%	1.15	1.70	2.01	2.36	0.53	0.78	0.92	1.09
B2	0.02	50%	1.75	2.60	3.07	3.61	0.04	0.05	0.06	0.07
B3	0.02	50%	1.75	2.60	3.07	3.61	0.04	0.05	0.06	0.07
B4	1.07	20%	1.35	2.00	2.36	2.78	1.44	2.14	2.53	2.97
B5	0.60	20%	1.35	2.00	2.36	2.78	0.81	1.20	1.42	1.67
B6	0.25	20%	1.35	2.00	2.36	2.78	0.34	0.50	0.59	0.70
B7	0.10	5%	1.75	1.70	2.01	2.36	0.18	0.17	0.20	0.24
TOTAL	2.83						3.91	5.42	6.40	7.54
SITE TOTALS	6.72						9.69	14.22	16.78	19.77
OS A	0.44	50%	1.75	2.60	3.07	3.61	0.77	1.14	1.35	1.59



DRAINAGE AREA MAP FOR REFERENCE ONLY - NOT TO BE USED FOR CONSTRUCTION PURPOSES!



LAYOUT: rpadm
DATE: May 02, 2006 -- 11:20am
DRAWING: S:\Jobs\2005\05-143\05-143.dwg 05-143.dwg 05-143.dwg

<p>REVISIONS</p> <table border="1"> <tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th></tr> <tr><td>1</td><td>05-02-06</td><td>CITY OF OTTALON COMMENTS</td></tr> <tr><td>2</td><td>05-02-06</td><td>CITY OF OTTALON COMMENTS</td></tr> <tr><td>3</td><td>05-02-06</td><td>CITY OF OTTALON COMMENTS</td></tr> <tr><td>4</td><td>05-02-06</td><td>MAJOR COMMENTS</td></tr> </table>		NO.	DATE	DESCRIPTION	1	05-02-06	CITY OF OTTALON COMMENTS	2	05-02-06	CITY OF OTTALON COMMENTS	3	05-02-06	CITY OF OTTALON COMMENTS	4	05-02-06	MAJOR COMMENTS
NO.	DATE	DESCRIPTION														
1	05-02-06	CITY OF OTTALON COMMENTS														
2	05-02-06	CITY OF OTTALON COMMENTS														
3	05-02-06	CITY OF OTTALON COMMENTS														
4	05-02-06	MAJOR COMMENTS														
<p>DEVELOPER/OWNER: R3 DEVELOPMENT, LLC 7800 HIGHWAY N OTTALON, MO 63366 (636) 561-3948</p>																
<p>THE HEIGHTS 1609 HIGHWAY 79 OTTALON, MO 63366</p>																
<p>PROPOSED DRAINAGE AREAS</p>																
<p>planning • engineering • surveying • landscape architecture Cole and Associates Incorporated 10777 sunset office dr. suite 10 saint louis, missouri 63127 p. 314 984 9887 f. 314 984 0587</p>																
DESIGNED BY	JCB															
DRAWN BY	JCB															
CHECKED BY	MB															
DATE	10/03/05															
Job Number	05-143															
Sheet Number	C9.1															

P&Z #2705 & 2705.01