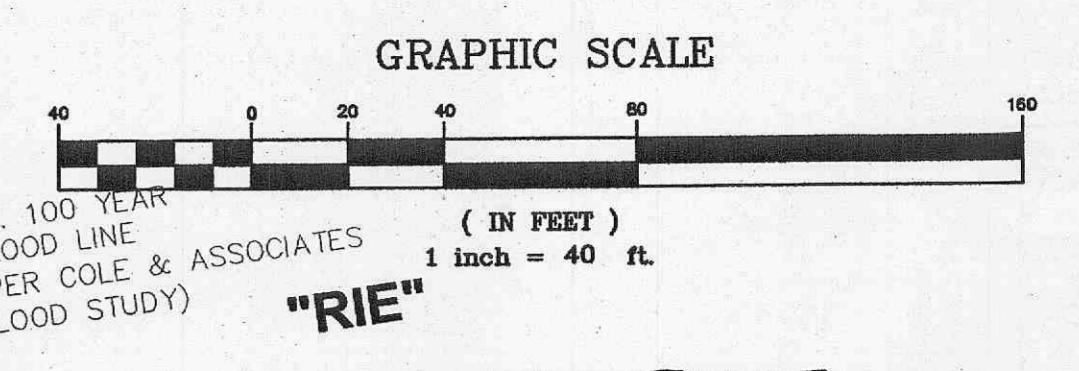
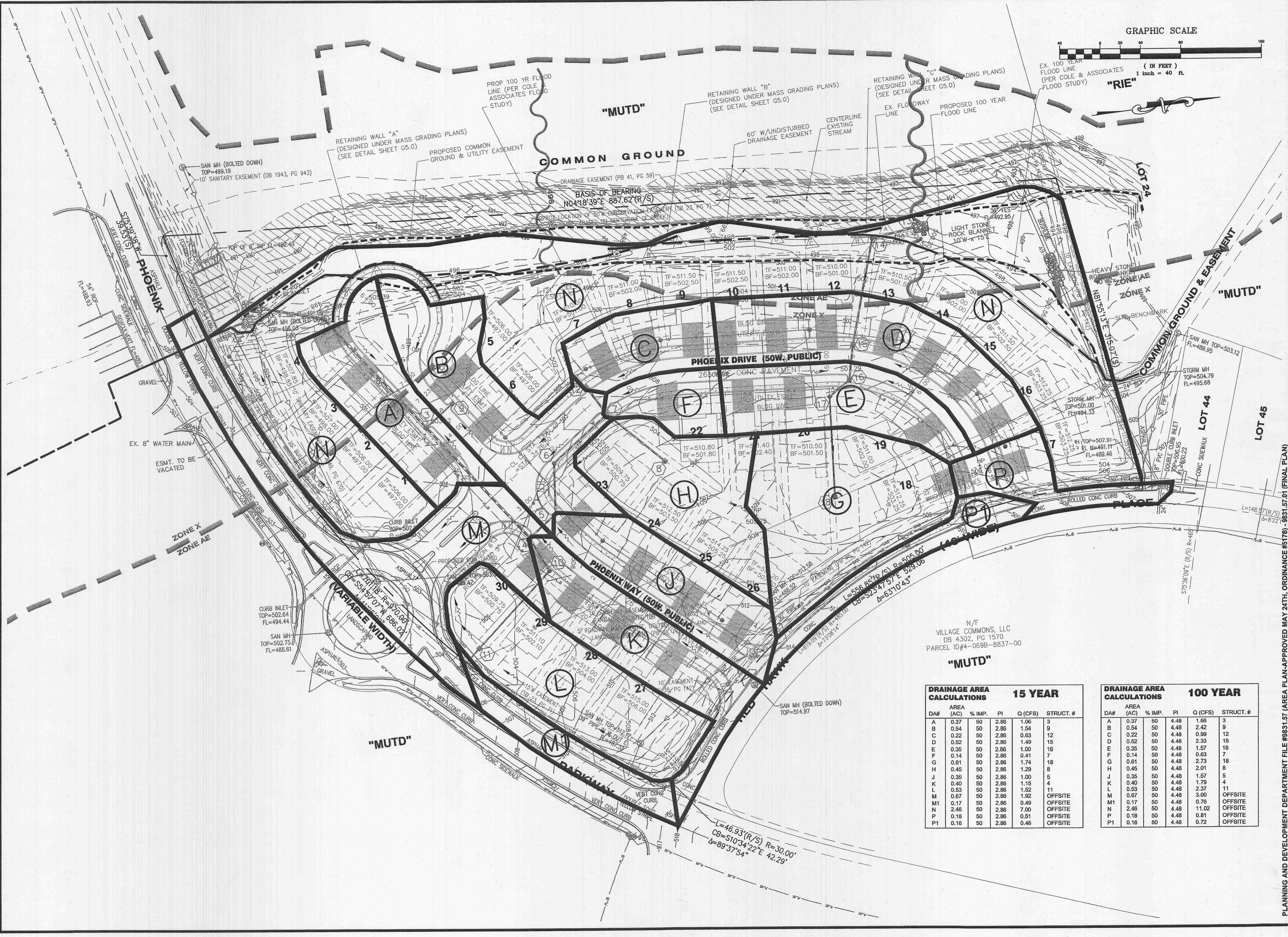


LAYOUT: C1.0 2008 - 11/07
 DRAWING: S:\08S\082007\07-0075\07-0075\IMPROVEMENT PLANS\01_PLAN_C1.0 DRAINAGE AREA MAP.dwg



DRAINAGE AREA CALCULATIONS 15 YEAR

DA#	AREA (AC)	% IMP.	PI	Q (CFS)	STRUCT. #
A	0.37	50	2.86	1.06	3
B	0.54	50	2.86	1.54	9
C	0.22	50	2.86	0.63	12
D	0.52	50	2.86	1.49	15
E	0.35	50	2.86	1.00	16
F	0.14	50	2.86	0.41	7
G	0.61	50	2.86	1.74	18
H	0.45	50	2.86	1.29	8
J	0.35	50	2.86	1.00	5
K	0.40	50	2.86	1.15	4
L	0.53	50	2.86	1.52	11
M	0.67	50	2.86	1.92	OFFSITE
M1	0.17	50	2.86	0.49	OFFSITE
N	2.46	50	2.86	7.00	OFFSITE
P	0.18	50	2.86	0.51	OFFSITE
P1	0.16	50	2.86	0.46	OFFSITE

DRAINAGE AREA CALCULATIONS 100 YEAR

DA#	AREA (AC)	% IMP.	PI	Q (CFS)	STRUCT. #
A	0.37	50	4.48	1.66	3
B	0.54	50	4.48	2.42	9
C	0.22	50	4.48	0.99	12
D	0.52	50	4.48	2.33	15
E	0.35	50	4.48	1.57	16
F	0.14	50	4.48	0.63	7
G	0.61	50	4.48	2.73	18
H	0.45	50	4.48	2.01	8
J	0.35	50	4.48	1.57	5
K	0.40	50	4.48	1.79	4
L	0.53	50	4.48	2.37	11
M	0.67	50	4.48	3.00	OFFSITE
M1	0.17	50	4.48	0.76	OFFSITE
N	2.46	50	4.48	11.02	OFFSITE
P	0.18	50	4.48	0.81	OFFSITE
P1	0.16	50	4.48	0.72	OFFSITE

PLANNING AND DEVELOPMENT DEPARTMENT FILE #9831.57 (AREA PLAN-APPROVED MAY 24TH, ORDINANCE #5178) - 9831.57.01 (FINAL PLAN)

DESIGNED BY: CJB
 DRAWN BY: KDK
 CHECKED BY: JFH
 DATE: 11/6/07
 Job Number: 07-075
 Sheet Number: C1.0

COLE and ASSOCIATES INCORPORATED
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REVISIONS

DATE	DESCRIPTION
02/13/2008	REVISED PER CITY OF OTTAWA COMMENTS
03/14/2008	REVISED PER CITY OF OTTAWA COMMENTS
04/17/2008	REVISED PER CITY OF OTTAWA COMMENTS
05/17/2008	REVISED PER CITY OF OTTAWA COMMENTS

DEVELOPER/OWNER: THE VILLAGE AT PARK PLACE LLC, 1001 BOARDWALK SPRINGS PL, OFALLON, MO 63366, PHONE: (636) 561-9333

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