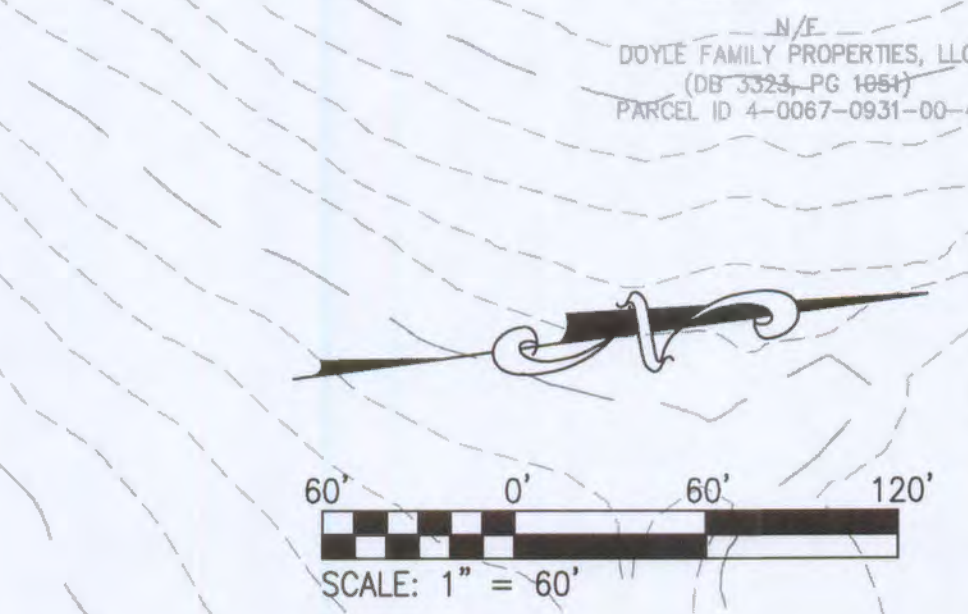
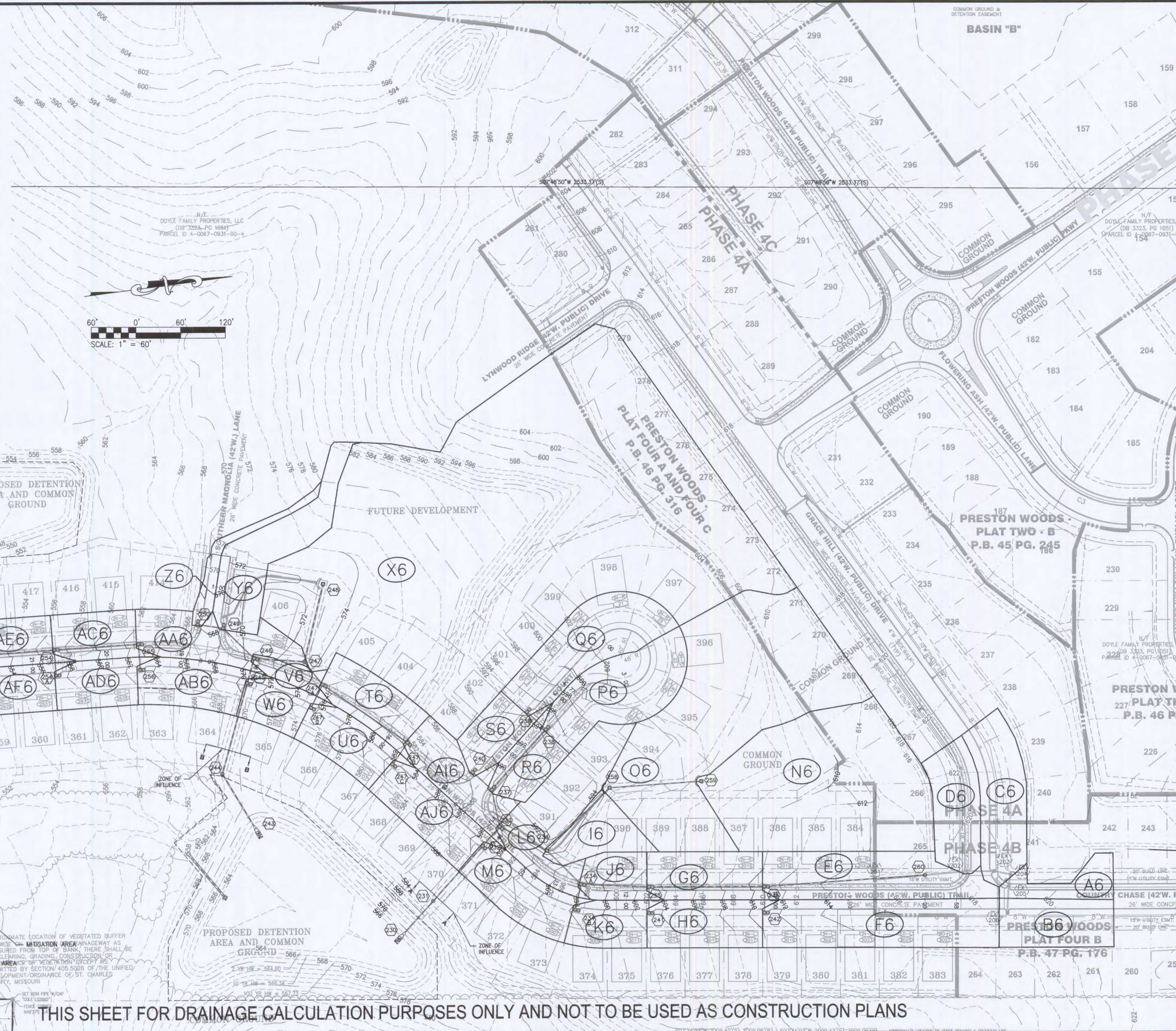


DRAINAGE AREA CALCULATIONS **15 YEAR**

DA#	AREA (AC)	% IMP.	PI	Q (CFS)	STRUCT. #
A6	0.13	50	2.60	0.34	EX205
B6	0.23	50	2.60	0.60	EX206
C6	0.31	50	2.60	0.81	EX203
D6	0.27	50	2.60	0.70	EX202
E6	0.40	50	2.58	1.03	236
F6	0.46	50	2.58	1.19	242
G6	0.23	50	2.58	0.59	235
H6	0.23	50	2.58	0.59	241
I6	0.17	50	2.58	0.44	234
J6	0.13	50	2.58	0.34	234A
K6	0.15	50	2.58	0.39	234B
L6	0.38	50	2.58	0.98	233
M6	0.23	50	2.58	0.59	232
N6	1.11	40	2.23	2.48	259
O6	1.33	50	2.58	3.43	258
P6	0.37	50	2.58	0.95	238
Q6	0.38	50	2.58	0.98	239
R6	0.15	50	2.58	0.39	237
S6	0.14	50	2.58	0.36	240
T6	0.22	50	2.58	0.57	247A
U6	0.20	50	2.58	0.52	247D
V6	0.06	50	2.58	0.15	246
W6	0.13	50	2.58	0.34	245
X6	4.47	40	2.24	9.65	248
Y6	0.33	50	2.58	0.85	249
Z6	0.08	50	2.58	0.21	250
AA6	0.26	50	2.58	0.67	255
AB6	0.21	50	2.58	0.54	256
AC6	0.17	50	2.58	0.44	254
AD6	0.16	50	2.58	0.41	254A
AE6	0.16	50	2.58	0.41	253
AF6	0.16	50	2.58	0.41	253A
AG6	0.09	50	2.58	0.23	252
AH6	0.09	50	2.58	0.23	257
AI6	0.21	50	2.58	0.54	247B
AJ6	0.23	50	2.58	0.59	247C



APPROXIMATE LOCATION OF VEGETATED BUFFER 25' WIDE MITIGATION AREA MANAGWAY AS MEASURED FROM TOP OF BANK. THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION OR REMOVAL OF VEGETATION WITHIN BUFFER PERMITTED BY SECTION 405.5026 OF THE UNIFIED DEVELOPMENT ORDINANCE OF ST. CHARLES COUNTY, MISSOURI

THIS SHEET FOR DRAINAGE CALCULATION PURPOSES ONLY AND NOT TO BE USED AS CONSTRUCTION PLANS

NO.	DATE	REVISION DESCRIPTION
1	11/25/2013	CHANGE LOT NUMBERS
2	10/18/2013	CITY, DCS, PMSD COMMENTS

DEVELOPER/OWNER:
PULTE GROUP
 16640 CHESTERFIELD GROVE, SITE 200
 CHESTERFIELD, MO 63005
 PHONE: (636) 537-7129

CIVIL ENGINEERS
 JOHN F. HARSHBARGER
 LICENSE NUMBER E-29716
 REGISTERED PROFESSIONAL ENGINEER

PRESTON WOODS PHASE 6 IMPROVEMENT PLANS
 PRESTON WOODS LANE
 O'FALLON, MO 63066
 DRAINAGE AREA MAP

COLE
 CIVIL ENGINEERING / SURVEYING / PLANNING / LANDSCAPE ARCHITECTURE
 Cole & Associates, Inc.

DESIGN/CALC BY: MTS
 DRAWN BY: MTS
 CHECKED BY: JFH
 DRAWING SCALE:
 DATE: 09/04/2013
 Job Number: 13-0054
 Sheet Number: C9.1