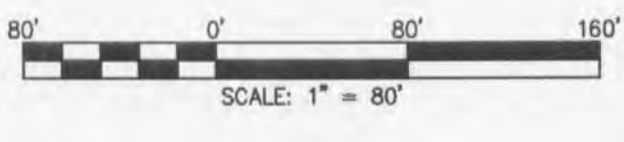




DRAINAGE AREA CALCULATIONS **15 YEAR**

DA#	AREA (AC)	% IMP.	PI	Q (CFS)	STRUCT. #
A7	0.53	40	2.23	1.18	316
B7	0.75	50	2.58	1.94	312
C7	0.63	40	2.23	1.40	315
D7	0.38	50	2.58	0.98	314
E7	0.47	40	2.23	1.05	315
F7	0.47	40	2.58	1.05	323
G7	0.20	50	2.58	0.52	322
H7	0.35	40	2.23	0.78	326
I7	0.16	50	2.58	0.41	321
J7	0.05	50	2.58	0.13	320
K7	0.43	40	2.23	0.96	324
L7	0.63	40	2.23	1.40	272
M7	0.44	40	2.23	0.98	271
M7A	0.09	40	2.23	0.20	317
N7	0.61	40	2.23	1.36	270
O7	0.63	50	2.58	1.63	318
P7	0.45	40	2.23	1.00	270
Q7	0.62	40	2.23	1.38	276
R7	0.50	40	2.23	1.12	305
S7	0.41	50	2.58	1.06	325
T7	0.43	40	2.23	0.96	307
U7	0.48	40	2.23	1.07	308
V7	0.37	40	2.23	0.83	309
W7	0.38	50	2.58	0.98	313
X7	0.38	50	2.58	0.98	311
Y7	0.42	40	2.23	0.94	310
Z7	0.26	50	2.58	0.72	301
AA7	0.46	50	2.58	1.19	302
AB7	0.33	50	2.58	0.85	300
AC7	0.29	50	2.58	0.75	306
AD7	0.19	50	2.58	0.49	299
AE7	0.17	50	2.58	0.44	298
AF7	0.22	50	2.58	0.57	304
AG7	0.26	50	2.58	0.67	297
AH7	0.24	50	2.58	0.62	303
AI7	0.21	50	2.58	0.54	268
AJ7	0.23	50	2.58	0.59	267
AK7	0.26	40	2.23	0.58	269
AL7	0.13	50	2.58	0.34	277
AM7	0.06	50	2.58	0.15	288
AN7	0.28	40	2.23	0.62	273
AO7	0.24	50	2.58	0.62	274
AP7	0.26	50	2.58	0.67	275
AQ7	0.17	50	2.58	0.44	278
AR7	0.08	50	2.58	0.21	289
AS7	0.10	50	2.58	0.26	290
AT7	0.09	50	2.58	0.23	279
AU7	0.10	50	2.58	0.26	291
AV7	0.23	50	2.58	0.59	280
AW7	0.21	50	2.58	0.54	292
AX7	0.20	50	2.58	0.52	281
AY7	0.17	50	2.58	0.40	293
AZ7	0.12	50	2.58	0.31	282
BA7	0.13	50	2.58	0.34	294
BB7	0.16	50	2.58	0.41	283
BC7	0.33	50	2.58	0.85	295
BD7	0.15	50	2.58	0.39	284
BE7	0.19	50	2.58	0.49	285
BF7	0.14	50	2.58	0.36	296
BG7	0.33	50	2.58	0.85	286
BH7	0.30	50	2.58	0.77	287
OS1	0.41	50	2.58	1.06	249
OS2	0.29	50	2.58	0.75	250
OS3	0.47	40	2.23	1.05	264
OS4	0.68	50	2.58	1.75	263
OS5	0.70	50	2.58	1.81	262
OS6	4.83	40	2.23	10.77	248
OS7	0.45	50	2.58	1.16	249
OS8	0.05	50	2.58	0.13	250
OS9	2.96	40	2.23	6.60	BASIN A

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

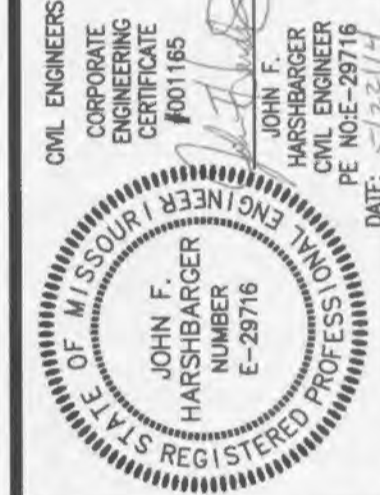


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 PROJECT: 13-0109-09-03-08
 DATE: 10/1/2013 10:58:10 AM
 DRAWN BY: JFH
 CHECKED BY: JFH
 DATE: 10/1/2013 10:58:10 AM

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DEVELOPER/OWNER: **RULTE GROUP**
1707 CHESTERFIELD AIRPORT RD, STE 120
CHESTERFIELD, MO 63005
PHONE: (636) 537-7129

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PRESTON WOODS
PHASE 7
IMPROVEMENT PLANS
 PRESTON WOODS LANE
 O'FALLON, MO 63066
PROPOSED DRAINAGE AREA MAP

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

+ ST. CHARLES
 1520 S. Fifth Street
 Suite 307
 St. Charles, MO 63303
 636.978.7508 (ref)

DESIGN/CALC BY: MTS
 DRAWN BY: MTS
 CHECKED BY: JFH
 DRAWING SCALE: -
 DATE: 10/07/2013
 Job Number: **13-0109**
 Sheet Number: **C10.1**