



USER: Mike TUB_C9.D
 DATE: Jan 11, 2008 - 7:52am
 DRAWING: S:\085\0852007\07-0176\07-0176.dwg

DRAINAGE AREA CALCULATIONS 15 YEAR

DA#	AREA (AC)	% IMP.	PI	Q (CFS)	STRUCT. #
N2	0.91	50	2.60	2.37	173
S2	2.01	50	2.60	5.23	140
X2	0.47	50	2.60	1.22	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	0.69	50	2.60	1.79	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	1.66	50	2.60	4.32	153
AR2	1.75	50	2.60	4.55	147
AS2	0.32	30	2.19	0.70	175
AT2	0.55	30	2.19	1.20	167
AU2	6.57	30	2.19	14.39	TRAP "G"
AV2	1.76	30	2.19	3.85	OFFSITE
AW2	0.81	30	2.19	1.77	OFFSITE
AX2	1.48	30	2.19	3.24	OFFSITE

DRAINAGE AREA CALCULATIONS 100 YEAR

DA#	AREA (AC)	% IMP.	PI	Q (CFS)	STRUCT. #
N2	0.91	50	3.47	3.16	173
S2	2.01	50	3.47	6.97	140
X2	0.47	50	3.47	1.63	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	1.74	165
AE2	0.69	50	3.47	2.39	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	1.66	50	3.47	5.76	153
AR2	1.75	50	3.47	6.07	147
AS2	0.32	30	2.95	0.94	175
AT2	0.55	30	2.95	1.62	167
AU2	6.57	30	2.95	19.38	TRAP "G"
AV2	1.76	30	2.95	5.19	OFFSITE
AW2	0.81	30	2.95	2.39	OFFSITE
AX2	1.48	30	2.95	4.37	OFFSITE

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PRESTON WOODS - PHASE III
 MASS GRADING PLANS
 + PARTIAL STORM SEWER
 ST. CHARLES, MO. 63366

DRAINAGE AREA MAP DEVELOPED

DEVELOPER/OWNER:
 THE JONES COMPANY HOMES, L.L.C.
 16640 CHESTERFIELD GROVE, SUITE 200
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 PHONE: (636) 537-7192

REVISIONS

DATE	BY	REVISIONS
12/16/07	A	OWNER COMMENTS/CITY COMMENTS
1/17/08	A	CITY COMMENTS

SEAL: MIKE E. VONDERHEIDE, PROFESSIONAL ENGINEER, NUMBER E-20077

APPROXIMATE LOCATION OF ANY ROADWAY MEDIAN TO BE LOCATED ON A FUTURE RECORD PLAN

APPROXIMATE LOCATION OF MEDIAN TO BE LOCATED ON A FUTURE RECORD PLAN