



RECEIVED
JUN 22 2006
ST. CHARLES COUNTY
COMMUNITY DEVELOPMENT DEPT
DEVELOPMENT REVIEW DIVISION

DATE	BY	REVISIONS
4/29/06	A	OWNER/COUNTY COMMENTS
6/7/06	A	ST. CHARLES COUNTY REVIEW COMMENTS
6/7/06	A	ST. CHARLES COUNTY REVIEW COMMENTS
6/7/06	A	ST. CHARLES COUNTY REVIEW COMMENTS
6/21/06	A	ST. CHARLES COUNTY REVIEW COMMENTS

DEVELOPER/OWNER:
THE JONES COMPANY HOMES, L.L.C.
16640 CHESTERFIELD GROVE, SUITE 160
CHESTERFIELD, MO 63005
PHONE: (636) 637-7192

SEAL:
ST. CHARLES COUNTY REGISTERED PROFESSIONAL ENGINEER
E-29716
JAMES H. HANCOCK

PRESTON WOODS - PHASE I
IMPROVEMENT PLANS
RHODES LANE
ST. CHARLES, MO. 63366
DRAINAGE AREA MAP INDEX

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DESIGNED BY: JKW
DRAWN BY: BJ
CHECKED BY: JFH
DATE: 2/2/06
Job Number: **05-340**
Sheet Number: **C11.0**

DRAINAGE AREA CALCULATIONS 15 YEAR					
DA#	AREA (AC)	% IMP.	PI	Q (CFS)	STRUCT. #
A	2.92	50	2.60	7.59	OFFSITE
B	0.06	50	2.60	0.16	18
C	0.89	50	2.60	2.31	20
D	0.50	50	2.60	1.30	21
E	0.31	50	2.60	0.81	22
F	0.30	50	2.60	0.78	31
G	0.30	50	2.60	0.78	30
H	0.44	50	2.60	1.14	16
I	0.73	50	2.60	1.90	15
J	0.20	50	2.60	0.52	OFFSITE
K	0.31	50	2.60	0.81	64
L	0.27	50	2.60	0.70	63
M	0.47	50	2.60	1.22	46
N	0.32	50	2.60	0.83	34
O	0.38	50	2.60	0.99	33
P	0.78	50	2.60	2.03	14
Q	0.79	50	2.60	2.05	13
R	0.29	50	2.60	0.75	27
S	0.29	50	2.60	0.75	28
T	0.52	50	2.60	1.35	25
U	0.15	50	2.60	0.39	11
V	0.79	50	2.60	2.05	12
W	0.23	50	2.60	0.60	10
X	0.64	50	2.60	1.66	9
Y	0.35	50	2.60	0.91	24
Z	0.37	50	2.60	0.96	37
A1	0.37	50	2.60	0.96	36
B1	1.00	50	2.60	2.60	8
C1	1.39	50	2.60	3.61	6
D1	4.98	25	2.09	10.41	5
E1	0.89	50	2.60	1.79	5
F1	0.11	50	2.60	0.29	OFFSITE
G1	0.88	50	2.60	2.29	50
H1	0.64	50	2.60	1.66	49
I1	0.66	50	2.60	1.72	48
J1	1.00	50	2.60	2.60	38
K1	1.26	50	2.60	3.28	39
L1	1.04	50	2.60	2.70	40
M1	0.32	50	2.60	0.83	52
N1	0.35	50	2.60	0.91	53
O1	0.47	50	2.60	1.22	54
P1	0.56	50	2.60	1.46	57
Q1	0.93	50	2.60	2.42	56
R1	0.68	50	2.60	1.77	55
S1	1.12	50	2.60	2.91	41
T1	0.23	50	2.60	0.60	42
U1	0.28	50	2.60	0.73	43
V1	0.15	50	2.60	0.39	45
W1	0.62	50	2.60	1.61	62
X1	0.86	50	2.60	2.24	61
Y1	0.66	50	2.60	1.72	60
Z1	0.23	50	2.60	0.60	7

DRAINAGE AREA CALCULATIONS 100 YEAR					
DA#	AREA (AC)	% IMP.	PI	Q (CFS)	STRUCT. #
A	2.92	50	3.50	10.22	OFFSITE
B	0.06	50	3.50	0.21	18
C	0.89	50	3.50	3.12	20
D	0.50	50	3.50	1.75	21
E	0.31	50	3.50	1.09	22
F	0.30	50	3.50	1.05	31
G	0.30	50	3.50	1.05	30
H	0.44	50	3.50	1.54	16
I	0.73	50	3.50	2.58	15
J	0.20	50	3.50	0.70	OFFSITE
K	0.31	50	3.50	1.09	64
L	0.27	50	3.50	0.95	63
M	0.47	50	3.50	1.65	46
N	0.32	50	3.50	1.12	34
O	0.38	50	3.50	1.33	33
P	0.78	50	3.50	2.73	14
Q	0.79	50	3.50	2.77	13
R	0.29	50	3.50	1.02	27
S	0.29	50	3.50	1.02	28
T	0.52	50	3.50	1.82	25
U	0.15	50	3.50	0.53	11
V	0.79	50	3.50	2.77	12
W	0.23	50	3.50	0.81	10
X	0.64	50	3.50	2.24	9
Y	0.35	50	3.50	1.23	24
Z	0.37	50	3.50	1.30	37
A1	0.37	50	3.50	1.30	36
B1	1.00	50	3.50	3.50	8
C1	1.39	50	3.50	4.87	6
D1	4.98	25	2.82	14.04	5
E1	0.89	50	3.50	2.42	5
F1	0.11	50	3.50	0.39	OFFSITE
G1	0.88	50	3.50	3.08	50
H1	0.64	50	3.50	2.24	49
I1	0.66	50	3.50	2.31	48
J1	1.00	50	3.50	3.50	38
K1	1.26	50	3.50	4.41	39
L1	1.04	50	3.50	3.84	40
M1	0.32	50	3.50	1.12	52
N1	0.35	50	3.50	1.23	53
O1	0.47	50	3.50	1.65	54
P1	0.56	50	3.50	1.98	57
Q1	0.93	50	3.50	3.26	56
R1	0.68	50	3.50	2.38	55
S1	1.12	50	3.50	3.92	41
T1	0.23	50	3.50	0.81	42
U1	0.28	50	3.50	0.98	43
V1	0.15	50	3.50	0.53	45
W1	0.62	50	3.50	2.17	62
X1	0.86	50	3.50	3.01	61
Y1	0.66	50	3.50	2.10	60
Z1	0.23	50	3.50	0.81	7

DRAINAGE AREA BASED ON ULTIMATE GRADING AFTER HOUSE CONSTRUCTION AS SHOWN ON SHEET C10.0

USER: kwright TAB: C11.0
DATE: Jun 21, 2006 1:45pm
DRAWING: s:\cbs\wobz2005\05-340\LD5_05-340.dwg PHASE: IMPROVEMENT PLANS\PLAN_C11.0 DRAINAGE AREA PLANNING