

N/F MUNSON, BEVERLY JOAN
 D.B. 1593 Pg. 309
 ZONING "R-1A"
 (VILLAGE OF DARDENNE PRAIRIE)

VILLAGES AT DARDEEN OAKLAND VILLAGE SUBDIVISION
 P.B. 33 Pg. 192
 ZONING "R-1 PUD" SFR (CITY OF O'FALLON)

WHITETAIL ESTATES
 INTERIM GRADING PLAN
 APRIL 15, 97 96-235
 REV. 4-28-97

Siltation Basin "1"
 L = 1100' So = 4.6% LS = 1.48
 DA = 10.37Ac SDR = .60(USE .70) SY = .066
 0.83(.70).066(10.37)43,580 = 30,887 Cu. Ft.
 Volume at Elevation 496.0 = 31,586 Cu. Ft.
 Bottom of Basin = 491.5 Top of Bank = 499.9
 Clean out Point for Sediment = 494.5

Siltation Basin "2"
 L = 600' So = 4.0% LS = 0.82
 DA = 5.40Ac SDR = .60(USE .70) SY = .066
 0.83(.70).066(5.40)43,580 = 8,911 Cu. Ft.
 Volume at Elevation 498.4 = 9,134 Cu. Ft.
 Bottom of Basin = 497.0 Top of Bank = 500.0
 Demand Q = 5.45Ac x 2.5 = 13.63c.f.s.
 Paint Strip at Elev. 497.9 to Indicate Clean Out Point.



GRAPHIC SCALE



N/F STOLZ, JAMES C.
 & NORMA M.
 D.B. 1200 Pg. 1808
 D.B. 1208 Pg. 26
 ZONING "R-1A" SFR
 (ST. CHARLES COUNTY)

4.59 acres @ 2.3
 Q = 10.56 cfs

1.12 acres @ 2.3
 Q = 2.58 cfs

0.95 acres @ 2.3
 Q = 2.19 cfs

3.42 acres @ 2.3
 Q = 21.67 cfs

5.40 acres @ 2.3
 Q = 12.42 cfs

S 08°32'07" E
 59.44'
 S 17°19'56" W
 282.96'
 N 81°27'53" E
 355.92'
 BATES (30' W) ROAD

N 00°54'35" W

N/F MONSANTO COMPANY
 D.B. 958 Pg. 821
 ZONING "R-3" PUD
 (CITY OF O'FALLON)

1550.97

N/F LALL, ROBERT R. & VIRGINIA C. D.B. 835 Pg. 261 ZONING "R-1A" SFR (ST. CHARLES COUNTY) 956.20

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