

PROJECT NAME Village of Dardenne - Prairie

PROJECT #/JOB ORDER # 95080 C

DATE 7.18.97

DESIGNER J. Kendrick / tdg

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PICKETT RAY & SILVER

333 Mid Rivers Mall Dr.
St. Peters, MO 63376

Civil Engineers
Planners
Land Surveyors

397-1211

Storage Summary =

Prairie Village = 185 A^c ± ✓

Undeveloped (25 yr)
185 × 1.87 = 345.95

Developed = (25 yr.)

156.2 (Single Family) = × 2.64 = 412.37 cfs

28.8 (Villa's) × 3.3 = 95.04

185.0 ✓

507.41 cfs.

Req'd storage = 507.41 - 345.95 = 161.46 cfs

(25 yr)

Lake "A"

Storage Provided = 210.47 cfs

Lake "B"

Storage Provided = 31.36 cfs

Lake "C"

Storage Provided = 90.86 cfs

Total Storage = 332.69 cfs (Provided)

(vs 161.46 cfs)