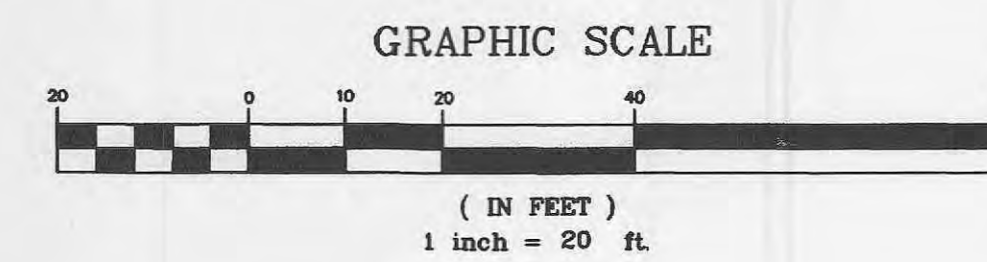
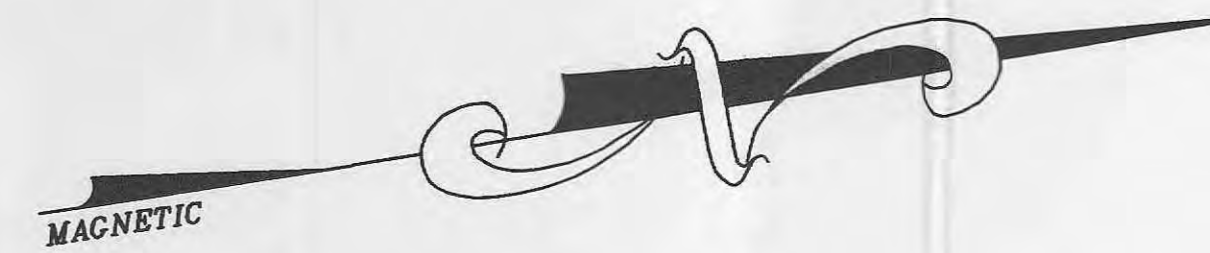
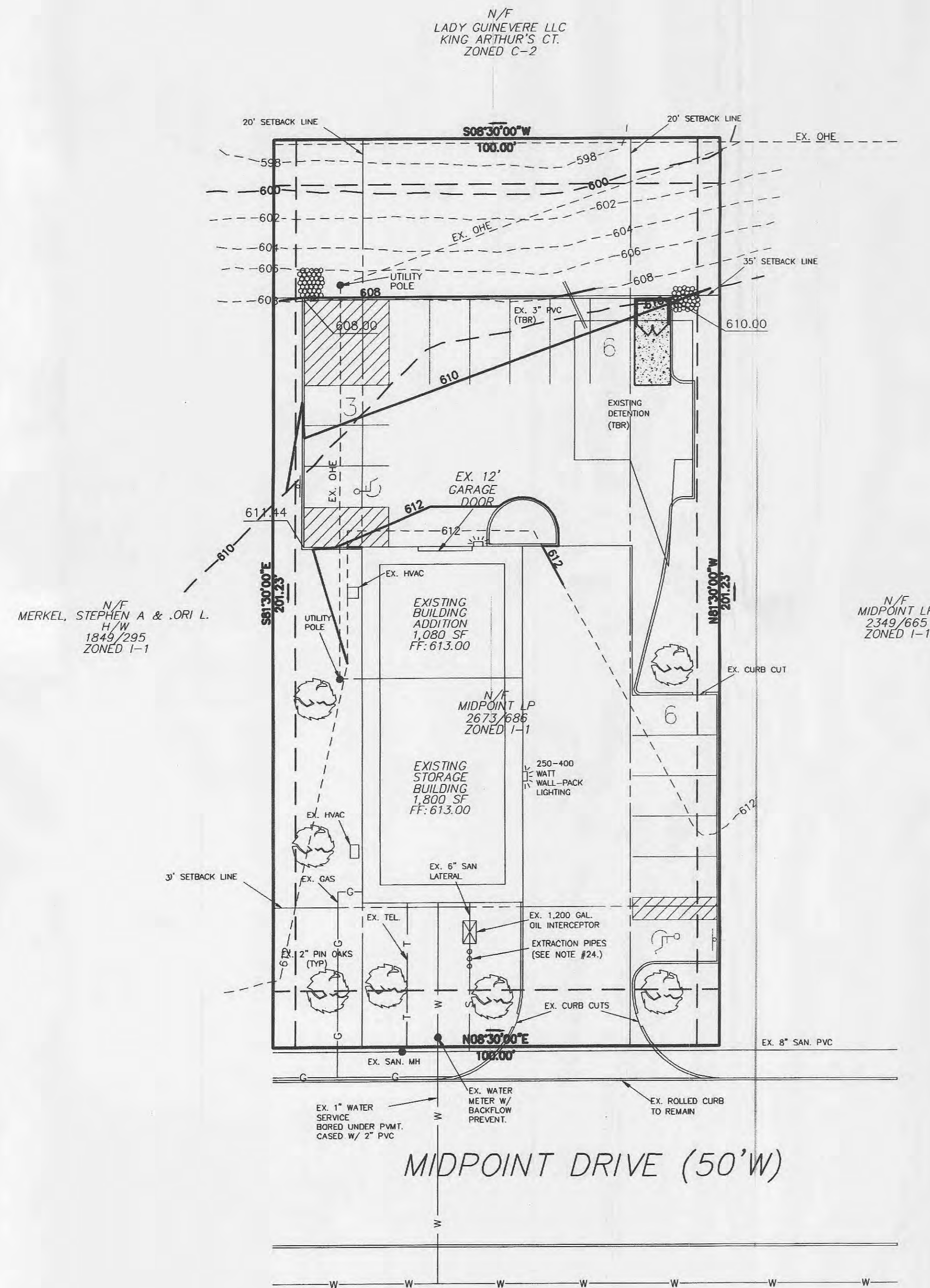


GRADING NOTES

- The contractor shall field investigate the entire site prior to his bid submittal noting the existing vegetation and trees and including the removal and disposal of some in his bid.
- No area shall be cleared without permission of the developer.
- All grade shall be within 0.2 feet more or less of those shown on the grading plan.
- No slope shall be greater than 3:1 and shall be either sodded or seeded or mulched.
- The contractor shall restore offsite construction areas to an equal or better condition than existed prior to commencement of construction.
- Earth subgrade for paved areas must be compacted to a minimum 90% of maximum dry density as determined by the Modified AASHTO T-180 Compaction Test or 95% of maximum density as determined by the Standard Proctor Test AASHTO T-99. All filled places in proposed roads shall be compacted from the bottom of the fill up. All test shall be verified by a soils engineer concurrent with grading and backfilling operations and must be approved by a City Representative before paving may commence. Owner to provide a copy of the soils report to the grading contractor. Contractor shall be responsible for adhering to all recommendations outlined in the soils report.
- Soil preparation and revegetation shall consist of Tall Fescue(TF) & Smooth Brome(SB) between March 1st and June 1st, at a rate of TF=30lbs/AC & SB=20lbs/AC. See Appendix A of the Model Sediment and Erosion Control Regulations for Urban Development.
- Proposed phasing of development (rough dates) including:
 - FEB 06 - MAR 06 a. Clearing (estimated duration of exposed area).
 - FEB 06 - JUNE 06 b. Grading and construction (installation of temporary sediment control, storm drainage, paving).
 - JUNE 06 - _____ c. Final Grading and Landscaping (vegetative cover).
- Where natural vegetation is removed during grading, vegetation shall be re-established in such a density as to prevent erosion. Permanent type grasses shall be established as soon as possible or during the next seeding period after grading has been completed. Refer to Appendix A of St. Charles Soil and Water Conservation District - Model Sediment and Erosion Control Regulations.
- When grading operations are completed or suspended for more than 14 days, permanent grass must be established at sufficient density to provide erosion control on the site. Between permanent grass seeding periods, temporary cover shall be provided according to the designated officials recommendation. Refer to Appendix A of St. Charles Soil and Water Conservation District - Model Sediment and Erosion Control Regulations.
- Erosion control systems shall be inspected and necessary corrections made within 24 hours of any rainstorm resulting in one-half inch of rain or more.
- All filled places under proposed roads, proposed sanitary and storm sewer lines, and/or paved areas including trench backfills shall be compacted to 90% of maximum density as determined by the Modified AASHTO T-180 Compaction Test" or 95% of maximum density as determined by the Standard Proctor Test AASHTO T-99. All filled places in proposed roads shall be compacted from the bottom of the fill up. All tests shall be verified by a soils engineer concurrent with grading and backfilling operations. Ensure the moisture content of the soil in fill areas is to correspond to the compactive effort as defined by the Standard or Modified Proctor Test. Optimum moisture content shall be determined using the same test that was used for compaction. Soil compaction curves shall be submitted to the City of O'Fallon prior to the placement of fill. Proof rolling may be required to verify soil stability at the discretion of the City of O'Fallon.
- Site shall comply with Phase II Storm Water Guidelines of the City of O'Fallon.



PICKETT RAY & SILVER
 CIVIL ENGINEERS
 PLANNERS
 LAND SURVEYORS

333 Mid Rivers Mall Drive
 St. Peters, MO 63376
 Phone (636) 397-1211
 Fax (636) 397-1104

**SUBURBAN SERVICE PARKING PLAN
 IMPROVEMENT PLANS**

O'FALLON, MISSOURI

Prepared For:
RUSS HOLLOWAY

875 MIDPOINT DRIVE
 O'FALLON, MO 63366
 (636) 718-1318

REVISIONS NO.	DATE	REVISED PER CITY COMMENTS
1	3.13.06	

ENGINEERS AUTHENTICATION
 The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthenticated.



DRAWN K. LYONS	DATE 2.14.06
CHECKED S. MARION	DATE 2.14.06
PROJECT # 05220.SUSE.00C	
TASK # X	FIELD X
	BOOK X

SUBURBAN SERVICE
 GRADING PLAN

SHEET **3** OF **6**

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NOT APPROVED FOR CONSTRUCTION

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