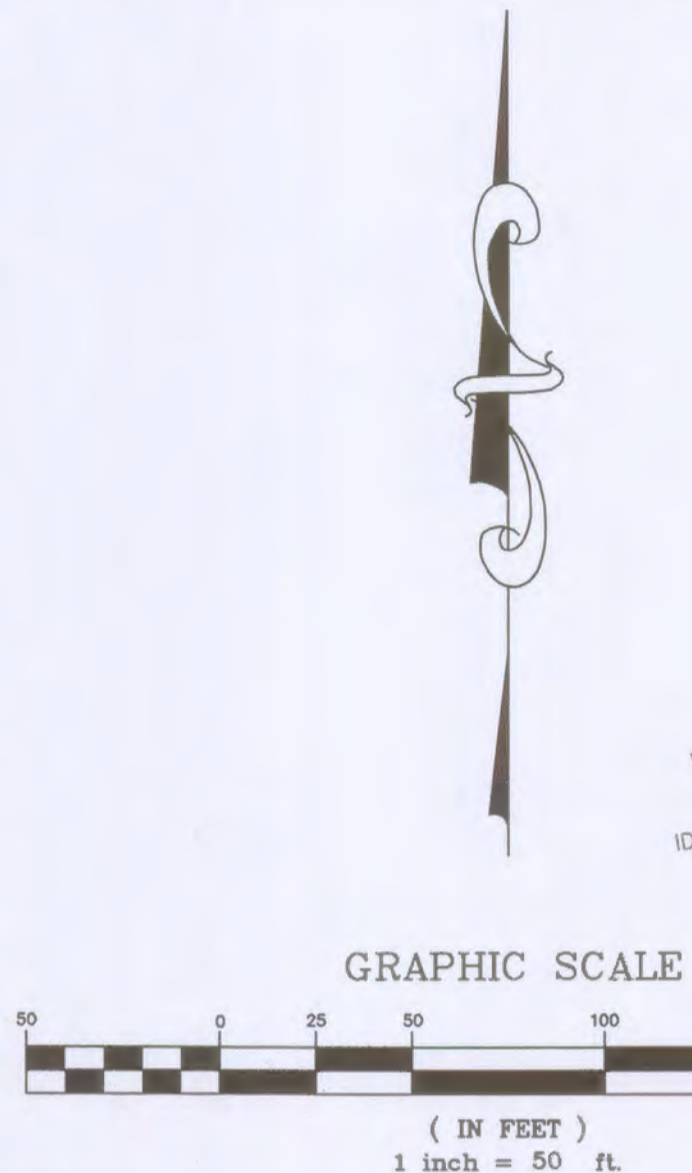


THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMo



GRAPHIC SCALE  
( IN FEET )  
1 inch = 50 ft.

N/F DENNIS MARKWARD & BETINA K. MARKWARD, TRS. D.B. 5029, PG. 2067 ID# 4-0075-4461-00-0013 2524 SOMMERS RD.

N/F WENTZVILLE R-IV SCHOOL DISTRICT D.B. 3848, PG. 402 ID# 4-0046-5015-00-0001.2 2523 SOMMERS RD.

N/F SHIRLEY M. TAYLOR & JANZA L. PRESTON J/T D.B. 1059, PG. 87 ID# 4-0076-4461-00-0029 2569 FORST RD.

N/F GERALD K. WALKER D.B. 745, PG. 1691 ID# 4-0076-4461-00-0030 2575 FORST RD.

N/F WANDA C. KULLMAN & WANDA C. KULLMAN H/W D.B. 934, PG. 1533 ID# 4-0076-4461-00-0080.1 2575 FORST RD.

N/F DENNIS D. GEISMANN & PAMELA G. GEISMANN H/W D.B. 2350, PG. 182 ID# 4-0046-5015-00-0004.3 EX 12" RCP FL-611.47 2551 SOMMERS RD.

N/F RAY L. MUSGRAVE & NINA L. MUSGRAVE H/W D.B. 883, PG. 1411 ID# 4-0076-4461-00-0030 2607 FORST RD.

EX 12" FES FL-619.92

EX 12" FES FL-619.66

EX 12" RCP FL-616.77

EX 12" RCP FL-616.12

EX 10" W. ESM. TO LACLEDE GAS CO. 4198/62

EX EASEMENT TO P.W.S.D. #2 5038/683

N/F FATU TUTASI & EX 12" FES FL-614.98

KEBORAH K. TUTASI H/W D.B. 2150, PG. 1363 ID# 4-0046-5015-00-0003 2545 SOMMERS RD.

EX 12" FES FL-614.57

EX 12" RCP FL-612.98

EX 12" RCP FL-612.69

EX 12" RCP FL-611.93

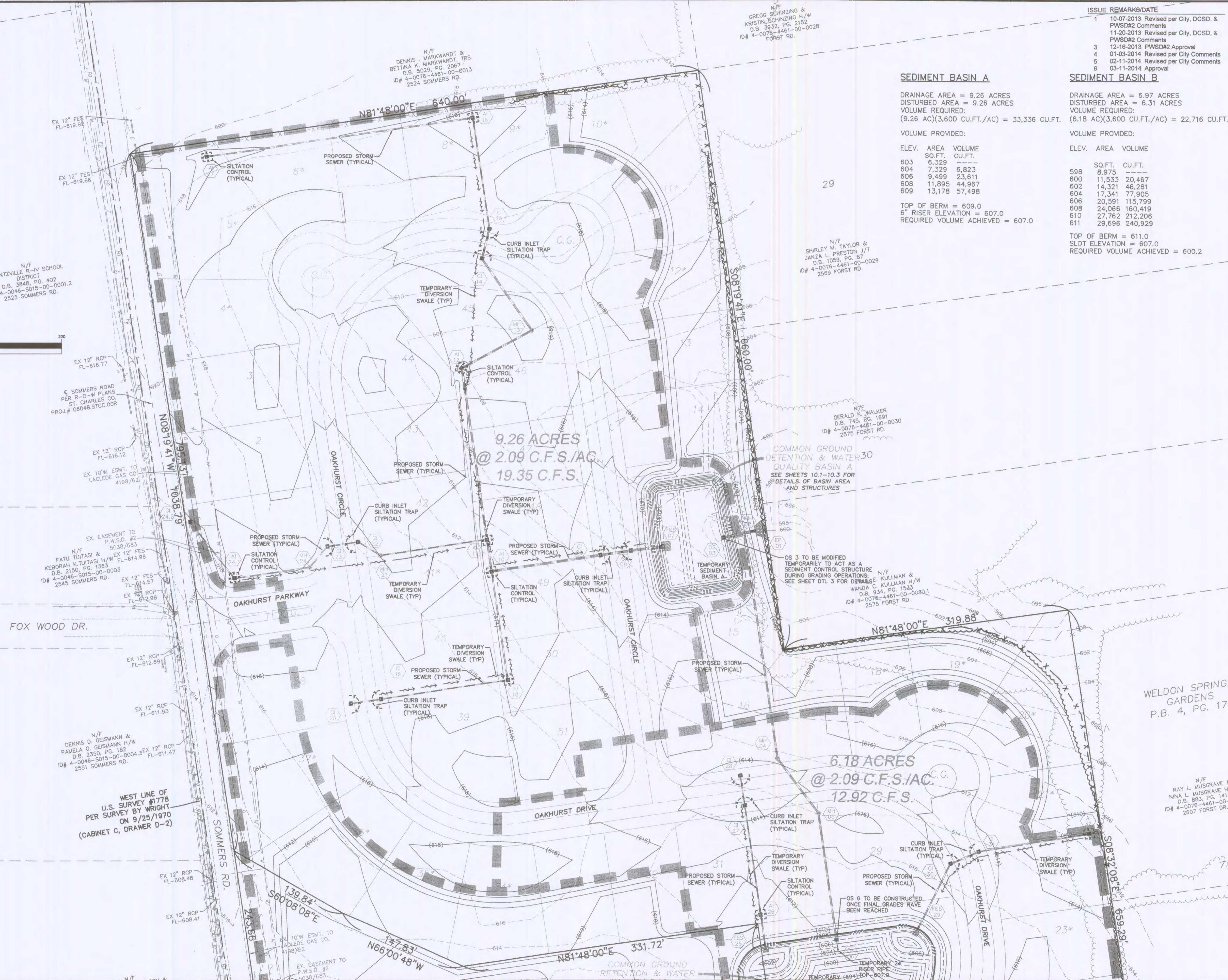
EX 12" RCP FL-608.48

EX 12" RCP FL-608.41

EX 10" W. ESM. TO LACLEDE GAS CO. 4187/62

EX EASEMENT TO P.W.S.D. #2 5039/683

WEST LINE OF U.S. SURVEY #1778 PER SURVEY BY WRIGHT ON 9/25/1970 (CABINET C, DRAWER D-2)



**SEDIMENT BASIN A**

DRAINAGE AREA = 9.26 ACRES  
DISTURBED AREA = 9.26 ACRES  
VOLUME REQUIRED:  
(9.26 AC)(3,600 CU.FT./AC) = 33,336 CU.FT.  
VOLUME PROVIDED:  
ELEV. AREA VOLUME  
SQ.FT. CU.FT.  
603 6,329 ---  
604 7,329 6,823  
606 9,499 23,611  
608 11,895 44,967  
609 13,178 57,498  
TOP OF BERM = 609.0  
6" RISER ELEVATION = 607.0  
REQUIRED VOLUME ACHIEVED = 607.0

**SEDIMENT BASIN B**

DRAINAGE AREA = 6.97 ACRES  
DISTURBED AREA = 6.31 ACRES  
VOLUME REQUIRED:  
(6.18 AC)(3,600 CU.FT./AC) = 22,716 CU.FT.  
VOLUME PROVIDED:  
ELEV. AREA VOLUME  
SQ.FT. CU.FT.  
598 8,975 ---  
600 11,533 20,467  
602 14,321 46,281  
604 17,341 77,905  
606 20,591 115,799  
608 24,066 160,419  
610 27,762 212,206  
611 29,696 240,929  
TOP OF BERM = 611.0  
SLOT ELEVATION = 607.0  
REQUIRED VOLUME ACHIEVED = 600.2

9.26 ACRES  
@ 2.09 C.F.S./AC  
19.35 C.F.S.

6.18 ACRES  
@ 2.09 C.F.S./AC  
12.92 C.F.S.

ISSUE REMARKS/DATE

1	10-07-2013	Revised per City, DCSD, & PWSD#2 Comments
2	11-20-2013	Revised per City, DCSD, & PWSD#2 Comments
3	12-16-2013	PWSD#2 Approval
4	01-03-2014	Revised per City Comments
5	02-11-2014	Revised per City Comments
6	03-11-2014	Approval

PROJECT TITLE

**THE STERLING CO.**  
ENGINEERS & SURVEYORS  
6065 New Baumgartner Road  
St. Louis, Missouri 63129  
Ph 314-487-0440 Fax 314-487-8944  
www.sterling-eng-sur.com  
Corporate Certificate of Authority #001348

**OAKHURST**  
OF FALLON, MISSOURI

Date: 3/1/2014  
Michael G. Boarding  
License No. MO E-28843  
Civil Engineer

**LOMBARDO HOMES**  
2299 Technology Drive  
OF Fallon, Missouri 63386  
Ph. 636-265-2710

SWPPP - OVERALL GRADING

P+Z No. 207.02  
City No.  
Date: July 22, 2013  
Job No. 12-10-284  
Page No.

**2.4**

IMP