



**TREE PRESERVATION CALCULATIONS**

EXISTING TREE AREA = 3.17 Ac.  
 TREES REQUIRED TO REMAIN = 1.59 Ac. (50% OF EXISTING TREE MASS)  
 TREES TO BE REMOVED = 1.56 Ac.  
 TREES TO REMAIN = 1.61 Ac. (50.8% OF EXISTING TREE MASS)



**VEGETATED BUFFER DETAIL**  
SCALE: 1"=50'

**NOTE:**  
 THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION, OR DISTURBANCE OF THE VEGETATED BUFFER EXCEPT AS PERMITTED BY SECTION 405.5026 OF THE UNIFIED DEVELOPMENT ORDINANCE OF ST. CHARLES COUNTY, MISSOURI

LINE	LENGTH	BEARING
L1	28.14	S15°30'00"W
L2	34.00	N07°23'30"E
L3	33.43	S01°12'58"E
L4	37.11	S87°02'12"E
L5	35.27	S5°00'00"E
L6	19.09	N20°00'00"E
L7	4.44	N00°00'00"E
L8	30.55	S08°23'00"E
L9	36.13	S24°30'00"E
L10	5.03	S16°27'11"E
L11	27.19	S10°00'00"E
L12	27.41	S07°00'00"E
L13	35.22	S0°00'00"E

  

LINE	LENGTH	RADIUS
L14	37.58	25.00
L15	49.58	25.00

ISSUE	REMARKS/DATE
1	10-17-06 FIRST SUBMITTAL
2	12-11-06 REVISED PER DCSD & PWS&D #2 COMMENTS
3	12-28-06 REVISED PER ST. CHARLES CO. COMMENTS
4	07-25-07 REV. PER ST. CHARLES CO. & OFALCON
5	06-29-07 REVISED PER DCSD & PWS&D #2 COMMENTS
6	06-29-07 REVISED PER DEVELOPER COMMENTS
7	07-30-07 REV. PER ST. CH. CO. DCSD & PWS&D2 COMM.

PREPARED FOR:  
**CROSS DEVELOPMENT OF MISSOURI INC.**  
 1609 PROSPECT VILLAGE DR.  
 LAKE ST. LOUIS, MO. 63367  
 314-713-4054



PREPARED BY:  
**THE STERLING CO.**  
 ENGINEERS & SURVEYORS  
 5055 NEW BALMARTINE ROAD  
 ST. LOUIS, MISSOURI 63129  
 (314) 627-0040 FAX 487-6344  
 E-Mail: Sterling@sterling-eng-survey.com

DRAWN:  
 DESIGNED:  
 CHECKED:  
**THE ENCLAVE AT SOMMERS POINTE**  
 TREE PRESERVATION PLAN

NO	07	06	123
M.S.D.	SHEET		
P#	15.1		
OF			