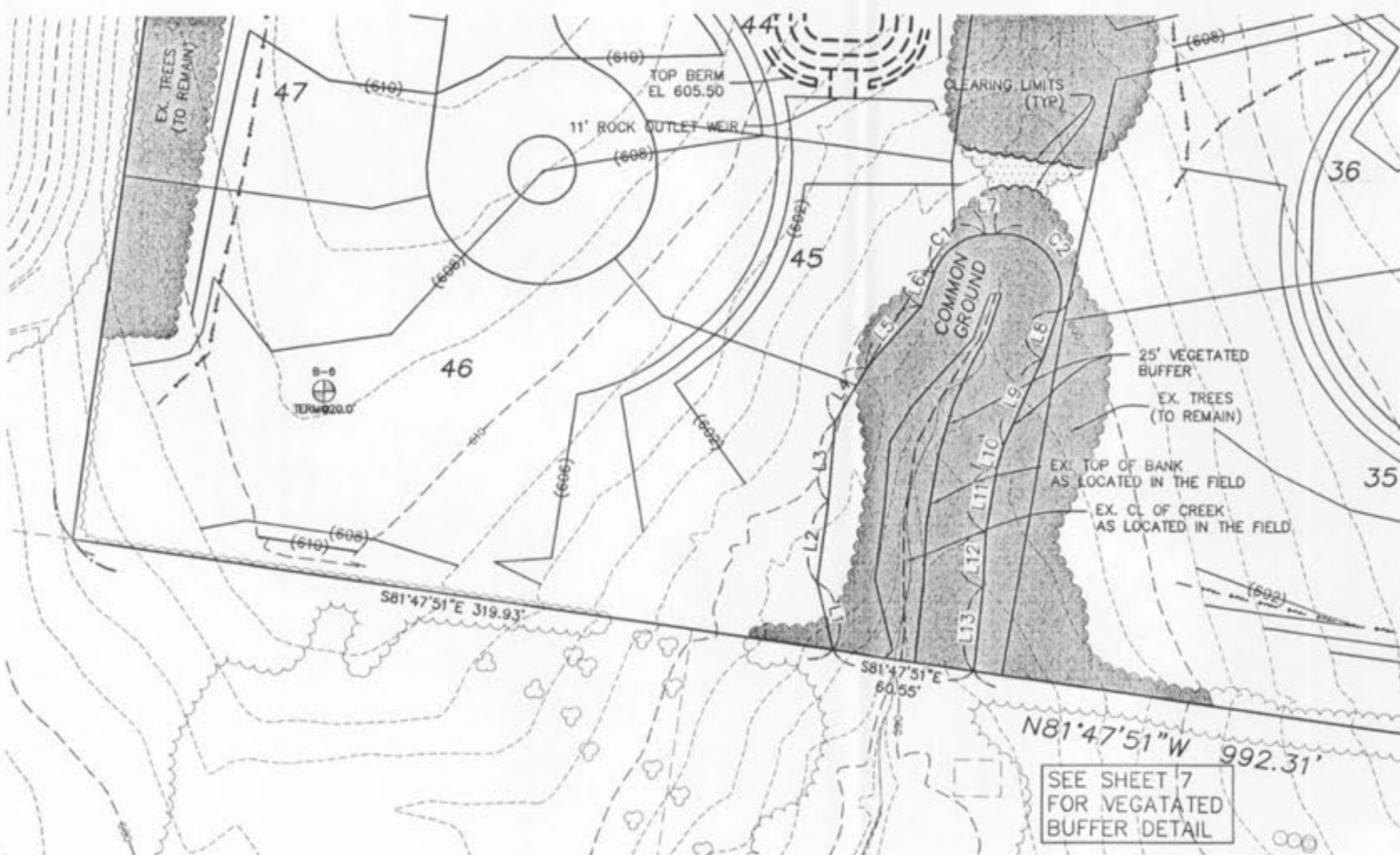




TREE PRESERVATION CALCULATIONS

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)



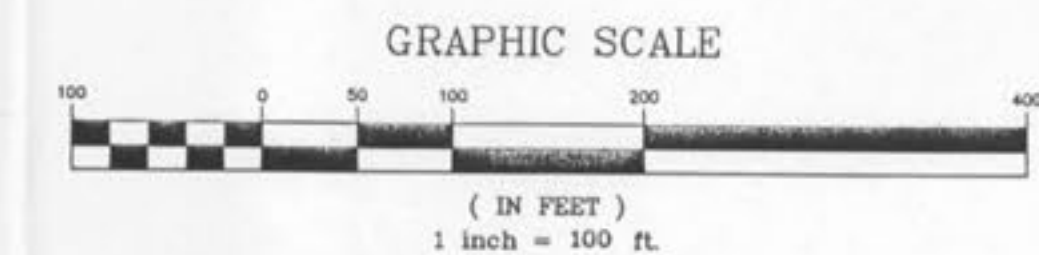
VEGETATED BUFFER DETAIL
 SCALE: 1"=50'

NOTE:

THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION, OR DISTURBANCE OF THE VEGETATED BUFFER EXCEPT AS PERMITTED BY SECTION 405.502B OF THE UNIFIED DEVELOPMENT ORDINANCE OF ST. CHARLES COUNTY, MISSOURI

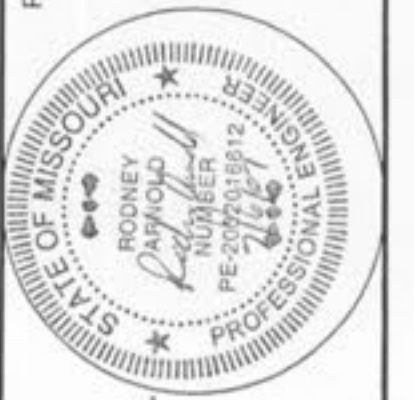
| LINE | LENGTH | BEARING |
|------|--------|-------------|
| L1 | 28.74 | N13°42'06"W |
| L2 | 34.00 | N07°23'33"E |
| L3 | 33.03 | N04°47'48"E |
| L4 | 26.11 | N32°23'11"E |
| L5 | 35.27 | N42°58'25"E |
| L6 | 15.05 | N00°54'49"E |
| L7 | 4.94 | N85°00'16"E |
| L8 | 20.75 | S18°37'51"W |
| L9 | 39.15 | S24°29'37"W |
| L10 | 6.83 | S16°27'11"W |
| L11 | 27.10 | S10°15'27"W |
| L12 | 22.81 | S02°35'07"W |
| L13 | 35.22 | S06°23'23"W |

| CURVE | LENGTH | RADIUS |
|-------|--------|--------|
| C1 | 27.96 | 25.00 |
| C2 | 49.58 | 25.00 |



| ISSUE | REMARKS/DATE |
|-------|-------------------------------------------------|
| 1 | FIRST SUBMITTAL - 08-10-08 |
| 2 | REVISED PER ST. CHARLES CO. COMMENTS |
| 3 | 10-24-08 REVISED PER CITY OF ST. LOUIS COMMENTS |
| 4 | 06-25-07 SUBMITTED FOR APPROVAL |

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



PREPARED BY:
THE STERLING ENGINEERS & SURVEYORS
 5905 NEW BALMARTER ROAD
 ST. LOUIS, MISSOURI 63120
 (314) 487-0440 FAX 487-8944
 E-Mail: Sterling@sterling-eng-sur.com

PROJECT: **THE ENCLAVE AT SOMMERS POINTE**
 SHEET TITLE: **TREE PRESERVATION PLAN**

| |
|----------------|
| NO. 06 04 087 |
| M.S.D. SHEET 7 |
| P# 7 |
| OF |

Drawing name: K:\0604087_PONTE_LOMA.dwg \Grading\06075WPPP.DWG Plotted on: Jul 06, 2007 - 2:50pm Plotted by: glzhn