

STORM SEWER MEASUREMENTS

THE EXISTING SEWER LENGTHS, SIZES, FLOWLINES, DEPTHS OF STRUCTURES AND SEWERS AND LOCATIONS WITH RESPECT TO EXISTING OR PROPOSED EASEMENTS HAVE BEEN MEASURED. THE RESULTS OF THOSE MEASUREMENTS ARE SHOWN ON THIS SET OF FINAL MEASUREMENT PLANS. SINCE THE WYE LOCATIONS HAVE BEEN PLOTTED FROM INFORMATION PROVIDED BY THE SEWER CONTRACTOR OR OTHER SOURCES, I DISCLAIM ANY RESPONSIBILITY FOR THAT SPECIFIC INFORMATION. ALL PUBLIC SEWERS ARE LOCATED WITHIN DESIGNATED EXISTING OR PROPOSED EASEMENTS.

STRUCTURE	NORTH	EAST	Combined Scale Factor
FES 1-1	314408 199	247485 908	0.99990724
MH 1-2	314416 328	247472 789	0.99990724
CI 1-3	314439 253	247443 614	0.99990724
FES 2-1	314448 076	247449 834	0.99990724
CI 2-2	314445 904	247453 439	0.99990724
CI 2-3	314441 832	247460 473	0.99990724
EP North	314485 768	247471 134	0.99990724
EP South	314477 329	247488 014	0.99990724

State Plane Coordinates were determined on July 7, 2008 using two Trimble Real Time Kinematic GPS receivers. Data was collected by RTK method and post processed using Trimble software. St. Louis County Geographic Reference Monument SHQ and S10X were fixed in the adjustment.

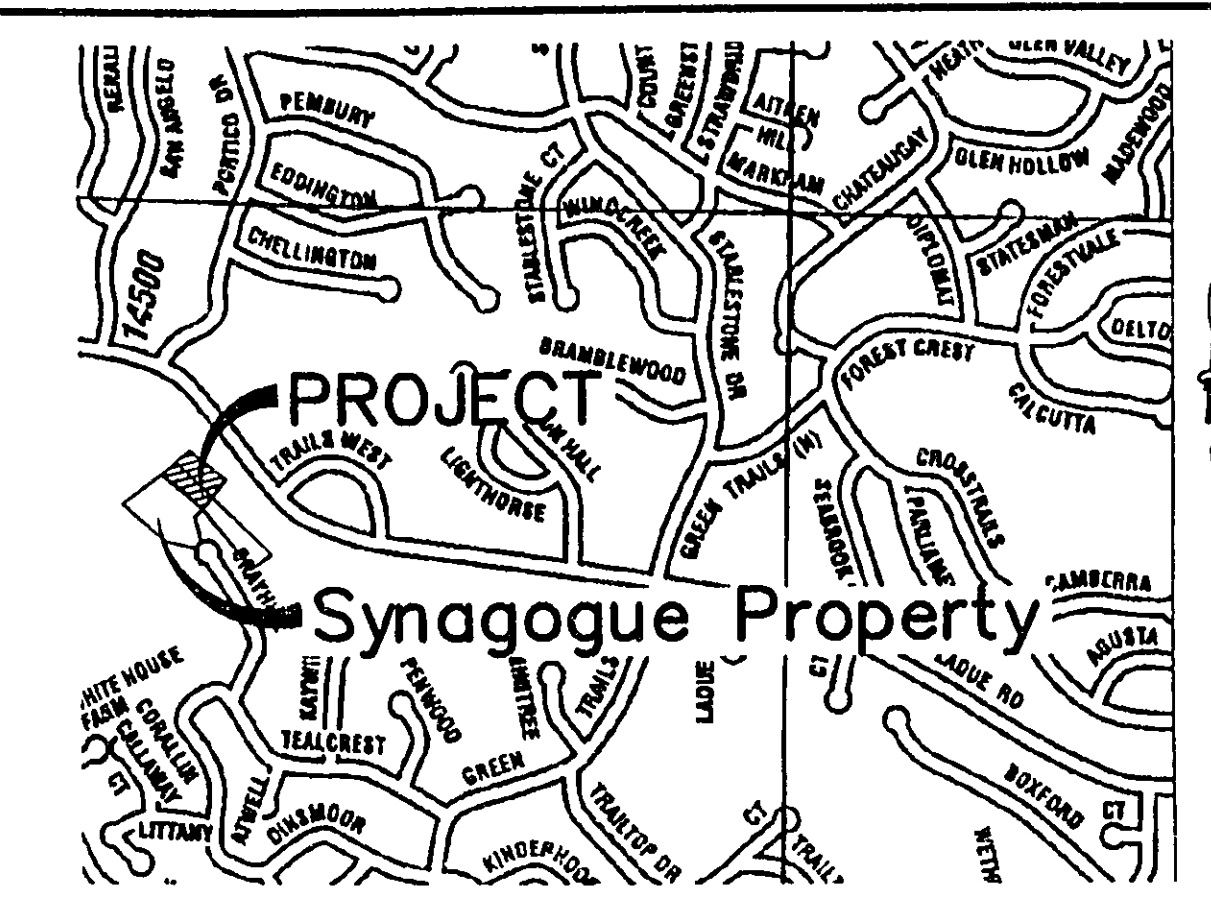
SIGNED: *[Signature]*
 P.E./L.S. PE-200600192
 DATE: 7-9-08

DAM REHABILITATION PLAN

at

VILLAGE OF GREEN TRAILS

A Tract of land being
 LOT A OF BRAYHILL COURT & COMMON GROUND OF VILLAGE OF GREEN TRAILS
 SITUATED IN U.S. SURVEY 1911 & 415 TOWNSHIP 45 NORTH, RANGE 4 EAST
 CITY OF CHESTERFIELD, ST. LOUIS COUNTY, MISSOURI



LEGEND

EXISTING	PROPOSED
--- 576 ---	--- (570) ---
---	---
○	○
□	□
△	△
▽	▽
○	○
○	○
○	○

NOTE: THIS ELEVATION IS NOT BOTTOM OF FOOTING. BOTTOM OF FOOTING = BW - 30" MIN.

SCALE IN FEET
 Scale 1" = 30'

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REVISIONS

1	02/16/07 EAS	Revisions per MSD Review #1 Comments
2	03/05/07 EAS	Revisions per MSD Review #2 Comments

PROJECT ADDRESS: VILLAGE OF GREEN TRAILS DAM, 14550 LADUE ROAD, CHESTERFIELD, MO 63017, Loc #17R220443

DEVELOPER/EMERGENCY CONTACT: TPHERIS ISRAEL CHEVRS KADISH CONGREGATION, 14550 LADUE ROAD, CHESTERFIELD, MO 63017, Mr. SCOTT ANDREW (314) 469-7060

FLOOD ZONE CERTIFICATION: BY GRAPHIC PLOTTING ONLY. THIS PROPERTY IS IN ZONE "X" (AN AREA DEFINED AS BEING OUTSIDE THE 100 YEAR FLOOD PLAIN LIMITS) OF FLOOD INSURANCE RATE MAP NUMBER 29189C0145, (COMMUNITY PANEL NUMBER 290896-145-H), EFFECTIVE DATE: AUGUST 2, 1995. THIS NOTE IS FOR THE PURPOSE OF PROVIDING INFORMATION AS INDICATED ON THE CURRENT FLOOD INSURANCE RATE MAP FOR THIS AREA, AND SHOULD NOT BE CONSTRUED AS AN INDICATION AS TO WHETHER FLOOD INSURANCE SHOULD, OR SHOULD NOT BE PURCHASED.

ST. LOUIS COUNTY HIGHWAY BENCHMARK BM# 12-143 "SQ" ON TOP OF CURB OF ISLAND AT TRAILS WEST DRIVE, 20' NORTH OF LADUE ROAD. ELEV. = 547.10 (1929-NVDG) AS PUBLISHED IN THE ST. LOUIS COUNTY BENCHMARK BOOK (REVISED 6/97).

ESTIMATED AREA TO BE DISTURBED = 1.50 ACRES
 ESTIMATED TREE AREA TO BE CLEARED = 0.88 ACRES

PROPERTY OWNER / DEVELOPER'S CERTIFICATION

The Property Owner / Developer hereby certifies that he is familiar with the SWPPP and assumes full responsibility for the performance and maintenance of the SWPPP as stated on the approved plans. He will ensure that all contractors understand and are familiar with the SWPPP for the site and that each contractor agrees to implement and protect elements of the SWPPP as they relate to this work. The Property Owner's / Developer's onsite representative shall be responsible for the performance and maintenance of the SWPPP. In addition, the undersigned Owner / Developer assures that all City property or roads will be adequately protected.

Name of Company
 Owner / Developer
 Printed Name

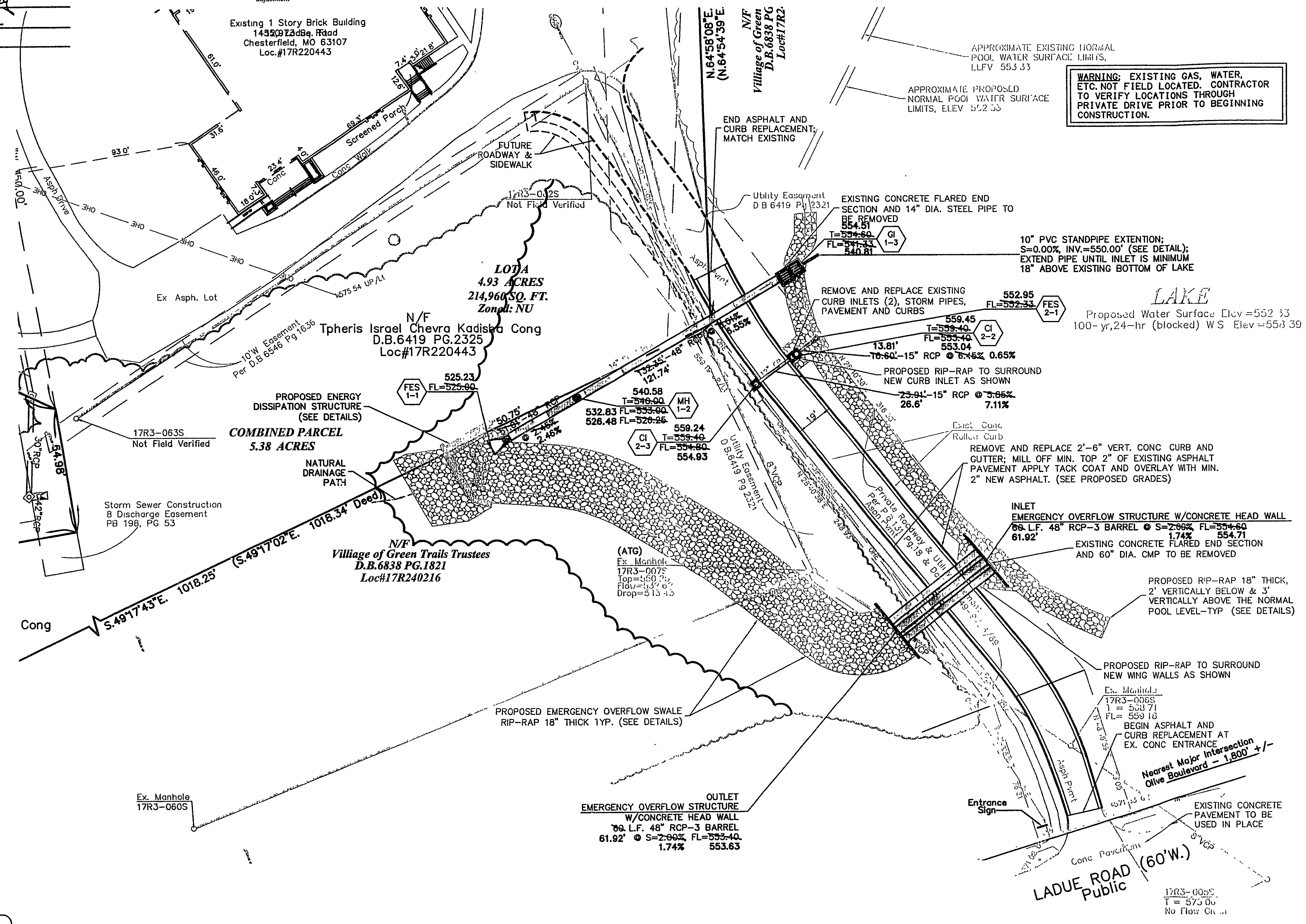
SOILS ENGINEER NOTES

The seal of the undersigned professional engineer is a professional opinion to indicate that the undersigned has reviewed Sheets _____ relative to geotechnical considerations only, through the date given below and that improvements as shown on these sheets are compatible with the soil and geologic conditions at the site as described in the geotechnical report for the project dated _____. Conditions may vary from those encountered in the explorations or can change due to construction activities or weather conditions. Therefore, _____ must be involved during the construction phase of this project to observe that subsurface conditions are as anticipated from the exploration data and that recommendations relative to construction are implemented. Construction means and methods shall be left to the contractor.

Name of Company
 ENGINEER, P.E.
 DATE

MSD PROJECT # P-27487-00 BASE MAP: 17R3 & 17R4

1 of 8



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Underground facilities, structures & utilities have been plotted from available surveys, records & information, and therefore, do not necessarily reflect the actual existence, nonexistence, size, type, number of, or location of these facilities, structures, & utilities.

The Contractor shall be responsible for verifying the actual location of all underground facilities, structures, & 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.

NOTE:
 CONTRACTOR TO SEED AND MULCH ALL BARE AREAS UPON COMPLETION PER RECOMMENDATIONS NOTED IN SWPPP.

- SHEET INDEX**
1. DEMO, SITE & UTILITY PLAN
 2. GRADING PLAN
 3. CONSTRUCTION DETAILS
 4. PROPOSED DRAINAGE AREA MAP
 5. STORM WATER POLLUTION PREVENTION PLAN
 6. STORM WATER POLLUTION PREVENTION PLAN DETAILS
 7. STORM WATER POLLUTION PREVENTION PLAN DETAILS
 8. EXISTING DRAINAGE AREA MAP (ON MSD MAP)

FINAL MEASUREMENT DRAWINGS ADDED 07/07/08

P-27487-00

AS-BUILTS

