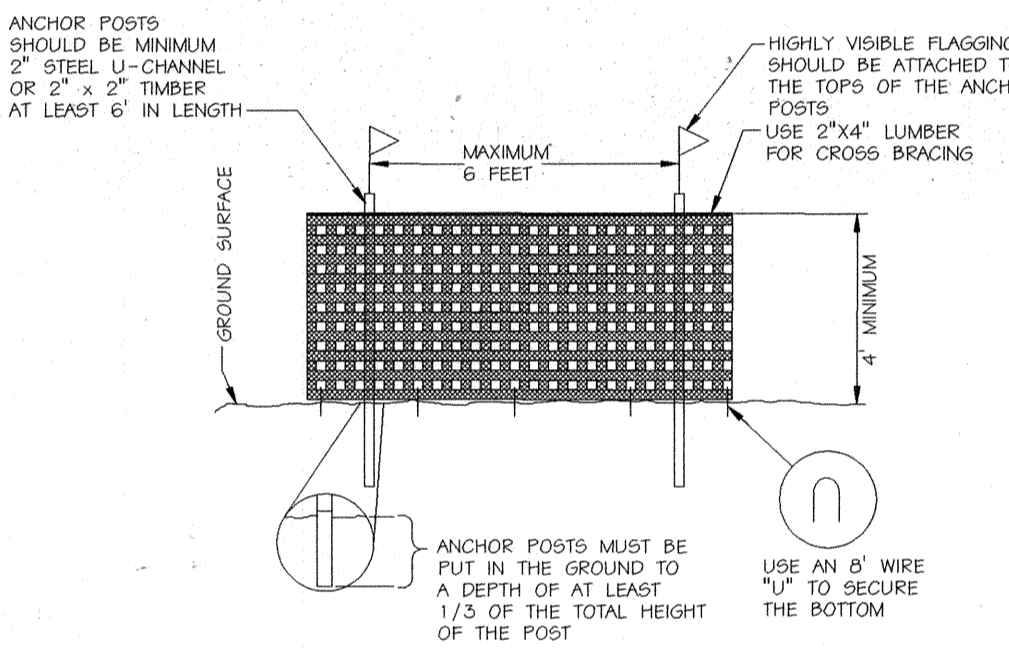


| Forest Conservation Worksheet | | | |
|--|----|----------|--|
| Net Tract Area | | | |
| A. Total Tract Area | A= | 1.15 ac. | |
| B. Area within 100-year Floodplain | B= | 0.00 ac. | |
| C. Area to Remain in Agricultural Production | C= | 0.00 ac. | |
| D. Net Tract Area (D=A-B-C) | D= | 1.15 ac. | |
| Land Use Category: Residential - Suburban | | | |
| E. Afforestation Threshold (D x 15%) | E= | 0.17 ac. | |
| F. Conservation Threshold (D x 20%) | F= | 0.23 ac. | |
| Existing Forest Cover | | | |
| G. Existing Forest Cover (excluding floodplain) | G= | 0.19 ac. | |
| H. Area of Forest Above Afforestation Threshold | H= | 0.01 ac. | |
| (1) If G<E then H=0 and I=0, go to L | | | |
| (2) If G>E then H=G-E, go to I | | | |
| I. Area of Forest Above Conservation Threshold | I= | 0.00 ac. | |
| (1) If G<F then I=0, go to L | | | |
| (2) If G>F then I=G-F, go to J | | | |
| Break Even Point | | | |
| J. Forest Retention Above Threshold with no Mitigation | J= | 0.00 ac. | |
| (1) If J<0 then J=(0.2 x I) + F, go to K | | | |
| (2) If J=0, go to L | | | |
| K. Clearing Permitted Without Mitigation (K=J-I) | K= | 0.00 ac. | |
| Proposed Forest Clearing | | | |
| L. Total Area of Forest to be Cleared | L= | 0.04 ac. | |
| M. Total Area of Forest to be Retained (M=G-L) | M= | 0.14 ac. | |
| Planting Requirements | | | |
| N. Reforestation for Clearing Above the Conservation Threshold | N= | 0.00 ac. | |
| (1) If L<K then N=0, P=0, Q=0, R=0, S=0, go to T | | | |
| (2) If M>F then N=L x 0.25, P=0, Q=0 | | | |
| (3) If M<F then N=L x 0.25, go to P | | | |
| P. Reforestation for Clearing Below the Conservation Threshold | P= | 0.09 ac. | |
| (1) If G>F and M=F then P=0, Q=0, go to R | | | |
| (2) If G>F and M<F then P=2.0 x (F-M), Q=0, go to R | | | |
| (3) If G<F then P=2.0 x L, Q=0, go to R | | | |
| Q. Credit for Retention Above the Conservation Threshold | Q= | 0.00 ac. | |
| (1) If M<F then Q=M-F, go to R | | | |
| (2) If M<F then Q=0, go to R | | | |
| R. Total Reforestation Required | R= | 0.09 ac. | |
| (1) If Q>N and M>E then R=0, S=0, go to T | | | |
| (2) If Q<N and M>E then R=(N-P) x Q, S=0, go to T | | | |
| (3) If Q=N and M<E then R=N-P, S=0, go to T | | | |
| S. Total Afforestation Required | S= | 0.00 ac. | |
| (1) If G<E and M<E then S=E-G, go to T | | | |
| (2) If G<E and M>E then S=0, go to T | | | |
| T. Total Reforestation and Afforestation Requirement T=(R+S) | T= | 0.09 ac. | |



DETAIL 1
FOREST RETENTION SIGN
NOT TO SCALE

DETAIL 2
SPECIMEN TREE SIGN
NOT TO SCALE

DETAIL 3
REFORESTATION SIGN
NOT TO SCALE

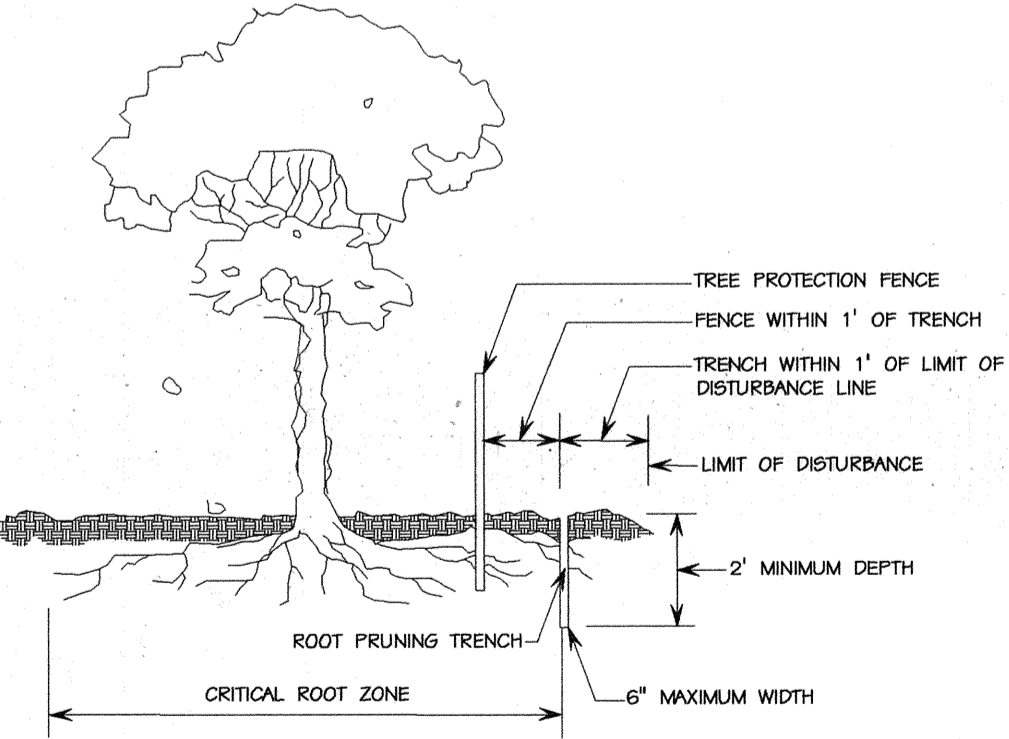
Notes:
1. Bottom of signs to be higher than top of tree protection fence.
2. Signs to be placed approximately 50 feet apart.
3. Conditions on site affecting visibility may warrant placing signs closer or farther apart.
4. Attachment of signs to trees is prohibited.

Notes:
1. Bottom of signs to be higher than top of tree protection fence.
2. Signs to be placed approximately 50 feet apart.
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Notes:
1. Bottom of signs to be higher than top of tree protection fence.
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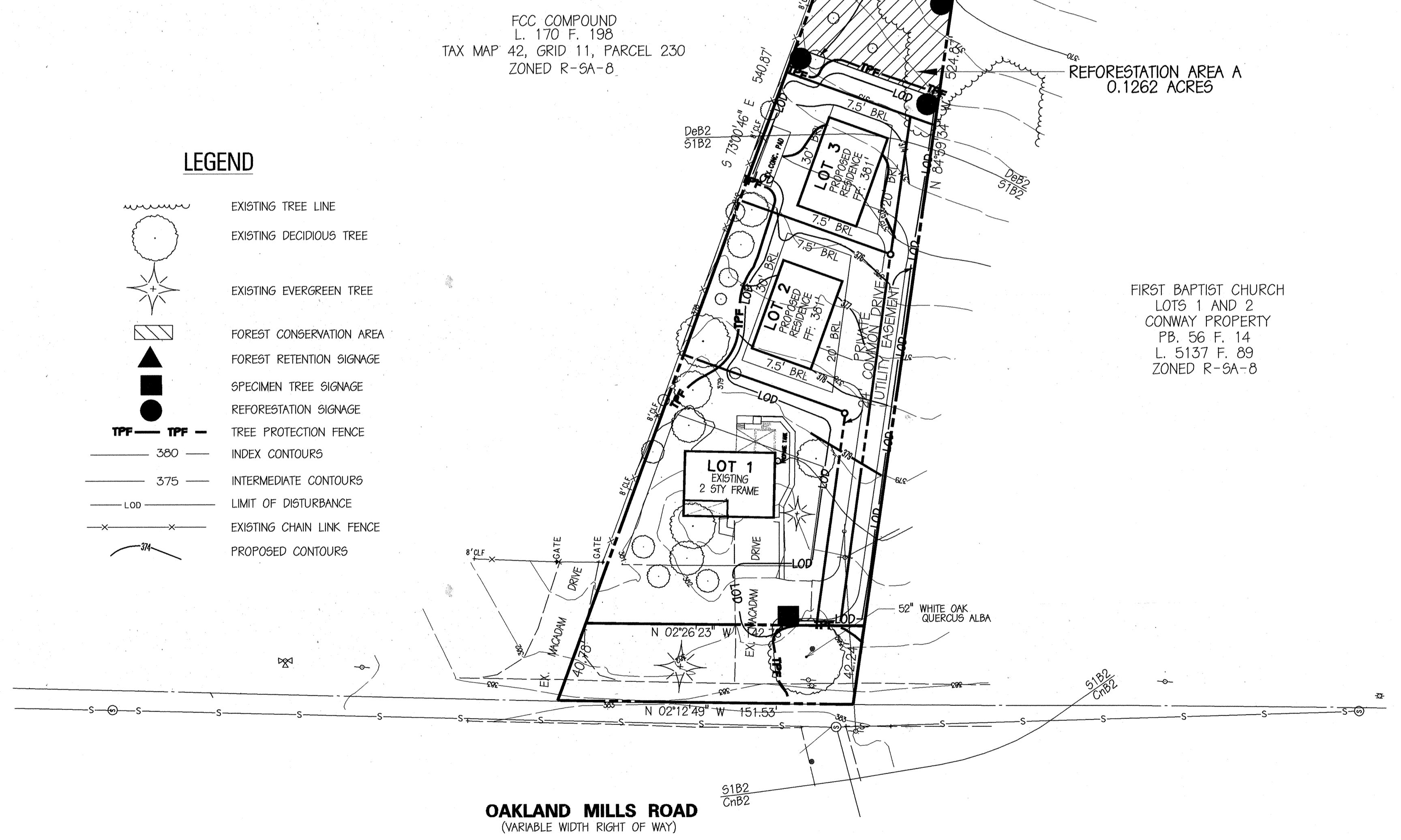
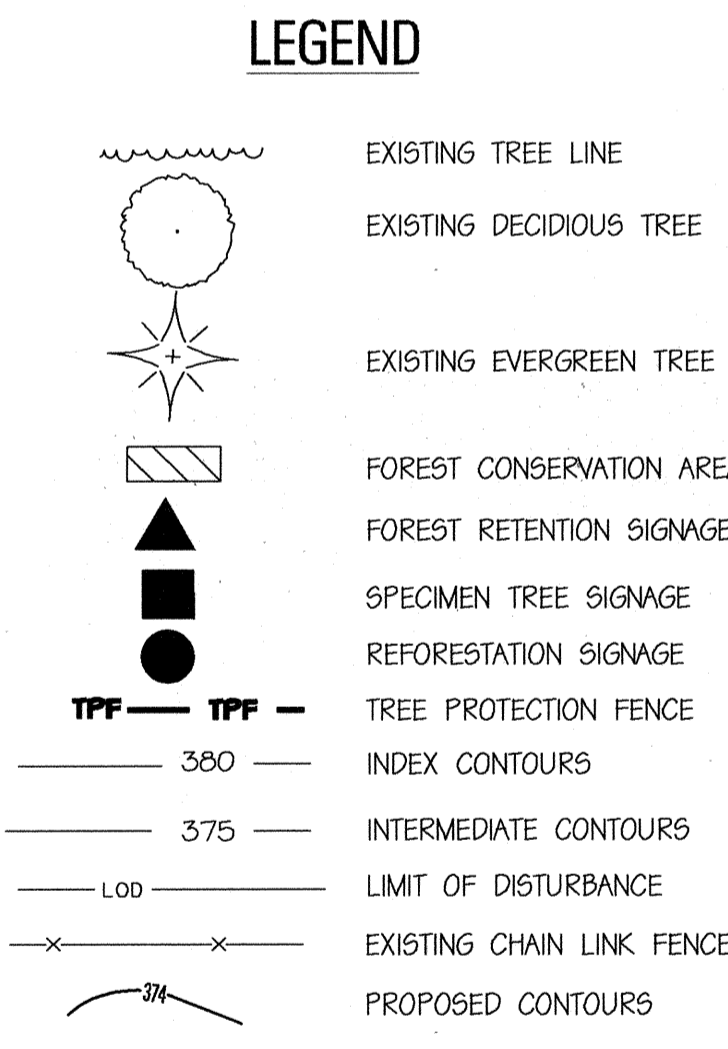
ANCHOR POSTS SHOULD BE MINIMUM 2" STEEL U-CHANNEL OR 2" x 2" TIMBER AT LEAST 6' IN LENGTH
HIGHLY VISIBLE FLAGGING SHOULD BE ATTACHED TO THE TOPS OF THE ANCHOR POSTS
USE 2"x4" LUMBER FOR CROSS BRACKING
ANCHOR POSTS MUST BE PUT IN THE GROUND TO A DEPTH OF AT LEAST 1/3 OF THE TOTAL HEIGHT OF THE POST
USE AN 8' WIRE 1/2" TO SECURE THE BOTTOM OF THE POST

GENERAL NOTES
1. Limits of disturbance will be set as part of the review process for an approved TCP.
2. The boundaries of the limits of disturbance should be staked or flagged prior to erecting the protection device.
3. Anchor posts should be placed to avoid severing or damaging large tree roots.
4. Fencing material shall be fastened securely to the anchor posts, cross bracing and ground.



Notes:
1. Retention Areas to be established as part of the forest conservation plan review process.
2. Boundaries of Retention Areas to be staked, flagged and/or fenced prior to trenching.
3. Exact location of trench should be identified.
4. Trench should be immediately backfilled with soil removed or organic soil.
5. Roots should be cleanly cut using vibratory knife or other acceptable equipment.

DETAIL 5
ROOT PRUNING DETAIL
NOT TO SCALE



OAKLAND MILLS ROAD
(VARIABLE WIDTH RIGHT OF WAY)

| Drifting | TN | DATE | REVISIONS |
|----------|-----|------|-----------|
| Check | RAR | | |
| Design | RAR | | |
| Check | TLK | | |

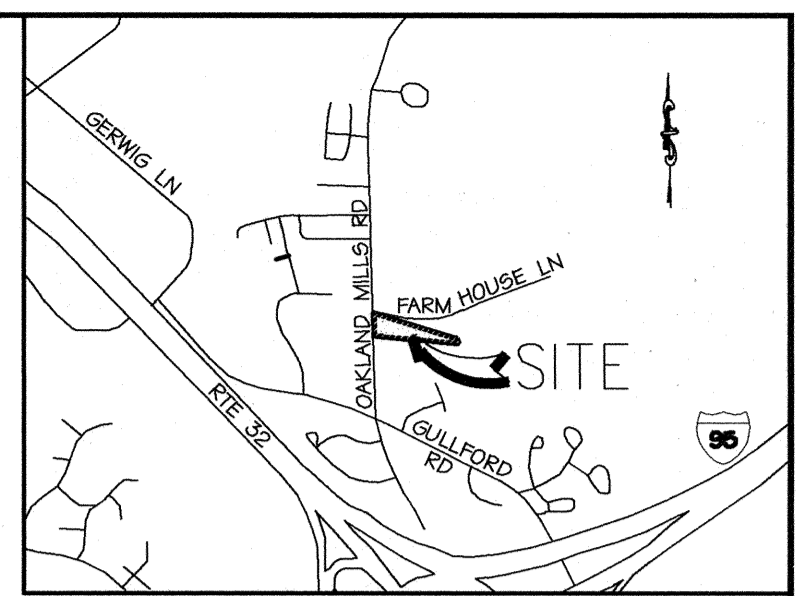
KCI TECHNOLOGIES
ENGINEERS PLANNERS SCIENTISTS CONSTRUCTION MANAGERS
14502 Greenview Drive, Suite 100
Laurel, Maryland 20708
(301) 953-1821 (410) 792-8086
Fax: (410) 792-7419
www.kci.com

SURVEY PREPARED FOR:
SULLIVAN BLAKE REMODELING, INC.
9014 MANORDALE LANE
ELLICOTT CITY, MARYLAND 21042
PHONE: (410) 418-9166

FOREST CONSERVATION PLAN

**SULLIVAN BLAKE - 7451 OAKLAND MILLS ROAD
GUILFORD, MARYLAND**
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

| SHEET | DATE | JOB NUMBER |
|-------|------------------|------------|
| 1 | October 11, 2005 | FCP1 |
| OF | SCALE | 16053528 |
| 2 | 1" = 40' | |



VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES

- OWNER/DEVELOPER:
SULLIVAN BLAKE REMODELING, INC.
3014 MANORDALE LANE
ELLICOTT CITY, MARYLAND 21042
ATTN: JOHN LANG
410-418-9166
- SUBJECT PROPERTY ZONED: R-9A-8 PER THE 02/02/2004 COMPREHENSIVE ZONING PLAN.
 - PLAN BASED ON FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT JANUARY 7, 2005 BY KCI TECHNOLOGIES, INC.
 - ROOT PRUNING, TO BE COMPLETED BY A CERTIFIED ARBORIST, DURING INSTALLATION OF THE TREE PROTECTION FENCE SURROUNDING THE 52' WHITE OAK, LOCATED ALONG OAKLAND MILLS ROAD.
 - A 24' PRIVATE USE-IN-COMMON DRIVEWAY EASEMENT FOR LOTS 1 THRU 3 WILL BE LOCATED WITHIN THE LIMIT OF DISTURBANCE SHOWN.
 - REFORESTATION PLANTINGS PROPOSED ARE IN EXCESS OF THE FOREST CONSERVATION REQUIREMENTS AS OUTLINED IN THE FOREST CONSERVATION WORKSHEET. THESE PLANTINGS ARE NECESSARY TO MEET THE REQUIREMENT OF 10,000 SF OF CONTIGUOUS FOREST AREA.
 - THERE IS AN EXISTING DWELLING/STRUCTURE LOCATED ON LOT 1 TO REMAIN. NO NEW BUILDINGS, EXTENSIONS OR ADDITIONS TO THE EXISTING DWELLING(S) ARE TO BE CONSTRUCTED AT A DISTANCE LESS THAN THE ZONING REGULATIONS REQUIRE.
 - THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT; HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED.
 - THIS PLAT COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BY PROVIDING FOREST RETENTION AND REFORESTATION IN THE DEDICATED OPEN SPACE.
 - THE OPEN SPACE SHOWN HEREON IS HEREBY DEDICATED TO A PROPERTY OWNERS ASSOCIATION FOR THE RESIDENTS OF THIS SUBDIVISION AND RECORDING REFERENCES OF THE ARTICLES OF INCORPORATION AND RESTRICTIONS ARE SHOWN HEREON.
 - DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - WIDTH -- 12' (14' SERVING MORE THAN ONE RESIDENCE);
 - SURFACE -- 6" OF COMPACTED CRUSHER RUN BASE W/TAR AND CHIP COATING (1-1/2" MIN.);
 - GEOMETRY -- MAX 14% GRADE, MAX 10% GRADE CHANGE AND MIN. 45' TURNING RADIUS;
 - STRUCTURES (CULVERTS/BRIDGES) -- CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING);
 - DRAINAGE ELEMENTS -- CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE;
 - MAINTENANCE -- SUFFICIENT TO INSURE ALL WEATHER USE.
 - NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, OR PLACEMENT OF NEW STRUCTURES IS PERMITTED WITHIN THE LIMITS OF WETLANDS, STREAM(S), OR THEIR BUFFERS AND FOREST CONSERVATION AREAS.
 - FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND ROAD RIGHT-OF-WAY LINE NOT TO THE PIPESTEM LOT DRIVEWAY.
 - TOPOGRAPHIC SURVEY PERFORMED ON OR ABOUT JANUARY 7, 2005 BY KCI TECHNOLOGIES, INC.
 - SOILS INFORMATION OBTAINED FROM SOIL SURVEY OF HOWARD COUNTY, DATED JULY 1980, SOIL SURVEY SHEET NUMBER 30.
 - THERE ARE NO 15%-25% OR 25% OR GREATER SLOPES LOCATED ON SITE.
 - THIS PLAT COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BY RETENTION OF 0.1364 ACRES OF FOREST AND REFORESTATION OF 0.1262 ACRES. FINANCIAL SURETY FOR THE 0.1364 ACRES OF RETENTION IN THE AMOUNT OF \$1,189 AND 0.1262 ACRES OF REFORESTATION IN THE AMOUNT OF \$2,749 HAS BEEN POSTED AS PART OF THE DPW DEVELOPERS AGREEMENT IN THE AMOUNT OF \$3,938.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

Cindy Hammett
CHIEF, DIVISION OF LAND DEVELOPMENT
10/28/05
DATE

Richard A. Rothrock
CHIEF, DEVELOPMENT ENGINEERING DIVISION
10/28/05
DATE

