

PAID

APR 01 2010



# Heritage Tree Removal Permit Application

This application must be submitted with the Arborist Form

Submit application forms to 701 Laurel Street, Menlo Park, CA 94025

CITY OF MENLO PARK

Application No. 2010-058

Purpose of application: Removal  Pruning of more than 25%

Permit Fee: \$135.00 (each tree, up to 3 trees); \$90 each additional tree (separate forms required for each tree)

PLEASE PRINT CLEARLY

Site Address: 946 Florence Lane, Los Menlo Park, Ca 94025

Name of Applicant: Robin + Saad Shaban Phone 650 996-1526 FAX \_\_\_\_\_

Mailing Address: 325 Blue Oak Lane, Los Altos 94033 Email: rshaban@mac.com

Signature of property owner authorizing access and inspection of tree in his/her absence: [Signature] email when approved

Date: 4/1/10

Type of Tree: Cedar Location on property: Right side front yard

Reasons for Request:

Uprooting concrete, destroyed later line for sewer, limbs breaking on to structure, lifted concrete causing water collection under structure.

IF TREE IS DAMAGING STRUCTURE PLEASE ATTACH PHOTOS DEMONSTRATING DAMAGE.

Are you considering any construction on your property in the next 12 months? Yes  No

If yes, please submit additional information describing what type of construction is planned and a site plan.

- Tree may not be removed (or pruned over 25%) unless and until the applicant has received final permission from the City as indicated below.
- The signed permit approval form must be on site and available for inspection while the tree work is being performed.
- A suitable replacement tree, 15 gallon size or larger with a mature height of 30 feet or more, is to be installed in the time frame indicated below.

-----PLEASE DO NOT WRITE BELOW THIS LINE-----

PERMIT APPROVED  PERMIT DENIED

### TIMING OF REMOVAL

- Upon receipt of this approved permit
- After applying for a Building Permit for associated construction

### TIMING OF REPLANTING

- Within 30 days of Heritage Tree removal
- Prior to final building inspection of associated construction

Staff Signature: [Signature] Date: 4/8/10

Print name and title: [Signature]

(AI)



# Arborist Form

Please complete one form for each tree. Mark each tree with colored ribbon or tape prior to our inspection.

Site Address: 946 Florence Lane Menlo Park Ca 94025

**ARBORIST INFORMATION:**

Name of Certified Arborist Eddie Farquharson

ISA or ASCA number: WC 1714 Menlo Park Business License number: \_\_\_\_\_

Company: Neck of the Woods Tree Service

Address: 264 Sylvan way Emerald Hills Ca 94062

Phone: 650 366 9801 FAX: \_\_\_\_\_ Email: Aerial Res Q@aol

**TREE INFORMATION:**

Date of Inspection: 4/1/2010

Common Name: Deodar Cedar Botanical Name: Cedrus deodara

Location of Tree: Front Yard (Right Side) Height of Tree: 70'

Diameter of tree at 54 inches above natural grade: 33"

Circumference of tree at 54 inches above natural grade 8'7"

**Condition of Tree:**

Fair

**If recommending removal or pruning, please list all reasons:**

Previous limb failures over house & 220 service, lifting driveway and roots causing sewer line damage (located under base of tree)

**Suggested Replacement Tree:**

Mayten - Podocarpus gracillior - Camphor - Australian Willow

Signature of Arborist: *Eddie Farquharson* Date: 4/1/2010



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Permit Fee: \$135.00 (each tree, up to 3 trees); \$90 each additional tree (separate forms required for each tree)

PLEASE PRINT CLEARLY

Site Address: 946 Florence Lane, Los Menlo Park, Ca 94025

Name of Applicant: Robin + Saad Shaban Phone 650-996-1536 FAX \_\_\_\_\_

Mailing Address: 305 Blue Oak Lane, Los Altos 94025 Email: rshaban@mac.com

Signature of property owner authorizing access and inspection of tree in his/her absence:

[Signature] Date: 4/1/10

Type of Tree: Cedar Location on property: left side front yard

Reasons for Request:  
Uprooting concrete, destroyed later line for sewer, limbs  
breaking on to structure, lifted concrete causing water  
collection under structure.

IF TREE IS DAMAGING STRUCTURE PLEASE ATTACH PHOTOS DEMONSTRATING DAMAGE.

Are you considering any construction on your property in the next 12 months? Yes  No   
If yes, please submit additional information describing what type of construction is planned and a site plan.

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**TIMING OF REPLANTING**

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Prior to final building inspection of associated construction

Staff Signature: [Signature] Date: 4/1/10

Print name and title: [Signature]

(A3)



## Arborist Form

Please complete one form for each tree. Mark each tree with colored ribbon or tape prior to our inspection.

Site Address: 946 Florence Lane Menlo Park Ca # 94025

### ARBORIST INFORMATION:

Name of Certified Arborist Eddie Farguharson

ISA or ASCA number: WC1714 Menlo Park Business License number: \_\_\_\_\_

Company: NECK OF THE WOODS Tree Service

Address: 264 Sylvan Way Emerald Hills Ca 94062

Phone: 650 366 9801 FAX: \_\_\_\_\_ Email: AerialResQ@aol

### TREE INFORMATION:

Date of Inspection: 4/1/2010

Common Name: Deodar Cedar Botanical Name: Cedrus deodaru

Location of Tree: Front yard (left side) Height of Tree: 60'

Diameter of tree at 54 inches above natural grade: 28"

Circumference of tree at 54 inches above natural grade 7' 3"

### Condition of Tree:

Fair

If recommending removal or pruning, please list all reasons:

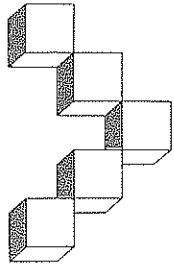
Located in a 4' area between drive way and walkway causing lifting and cracking in both.

### Suggested Replacement Tree:

Mayten - Podocarpus gracillior - Camphor - Australian Willow

Signature of Arborist: Eddie Farguharson Date: 4/1/2010

(A4)



**Michelucci & Associates, Inc.**  
Geotechnical Consultants

Joseph Michelucci, G.E.  
*joe@michelucci.com*

Richard Quarry  
*rich@michelucci.com*

March 18, 2010  
Job No. 10-3974

via e-mail: rshaban@mac.com  
(hard copy to follow by mail)

Ms. Robin Shaban  
325 Blue Oak Lane  
Los Altos, CA 94022

Re: Preliminary Geotechnical Evaluation  
Existing Apartment Building  
946 Florence Lane  
Menlo Park, California

Dear Ms. Shaban:

As authorized, we have completed a preliminary evaluation of the geotechnical condition of the apartment building that you are considering purchasing at 946 Florence Lane in Menlo Park, California. The purpose of this study was to provide this preliminary evaluation to aid you in your decision making process as to whether or not to purchase the structure.

Our findings are summarized below.

Study Methods

Our study included a site reconnaissance by the undersigned geotechnical engineer and Richard Quarry in your company on March 16, 2010. Also in attendance at the inspection was Ron Morris of Morris Engineering. While at the site, we measured the general layout of the structure and then conducted separate relative floor elevation surveys on each of the upper floor units using a water-filled manometer. The results of these surveys, which are utilized as an aid in evaluation of foundation performance, have been combined into one survey and are included on the attached Figure 1.

Our study also included a review of available published geologic literature and a review of our files for other sites that we have investigated in the vicinity.

It should be emphasized that our study was preliminary in nature, as subsurface exploration and rigorous research and analysis were not completed.

### Site Conditions

The subject property is located on the northwest side of Florence Lane, a few hundred feet southwest of the intersection with University Drive, in Menlo Park, California. We understand that the relatively level property was improved with a two-story apartment structure in 1964.

The structure features a continuous perimeter foundation, a continuous interior central foundation (parallel with the "long" dimension of the building), and isolated wood supports atop girders along the area between the central foundations and exterior walls of the structure.

The site drainage is controlled by roof downspouts that either splash onto concrete sidewalks or in other cases allow water to flow directly into adjacent planter areas.

### Site Geology

The site has been mapped by Pampeyan (1993) to be underlain by older alluvium of Pleistocene age (Qoa). Alluvium is generally a stream deposited soil that consists of gravels, sands, silts and clays. The surface soil in the site vicinity is generally thought to be composed of expansive silty clays know locally as "adobe". These types of soils tend to shrink and swell seasonally.

The site is located within the seismically active San Francisco Bay Area, and the closest mapped major active fault is the San Andreas Fault which is mapped about 4.7 miles (7.6 kilometers) to the southwest. The San Andreas Fault and other active and potentially active Bay Area faults that are a part of the San Andreas Fault System are capable of producing earthquakes that could cause significant ground shaking at the site.

### Condition of Structure

From a geotechnical viewpoint, the building appeared to be in reasonably good condition. We did observe several areas in the interior walls where cracking had occurred, especially within the walls and ceilings of units 2 and 4 (4 being the upper middle unit). In order to evaluate the performance of the building foundation, we measured the floor plans of the upper three units (Units 3, 4 and 5) and conducted a relative floor elevation survey on the upper floor using a water-filled manometer. The result of the survey, included on the attached Figure 1, suggest that the structure is about 2 inches out-of-level. It is noted that the measured "low point" corresponds to an area above the front left hand carport. Since no footing underlies this location, the "low point" is in an area where the floors have sagged over the open space.

The foundation was explored partially by our firm and carefully by Ron Morris. In general, the foundation appeared to be in relatively good condition with the exception of certain interior wood supports that were found to be leaning. There was also a white efflorescence buildup on the perimeter foundation, just above the crawl space soil grade. There was no standing water noted anywhere in the crawl space. However, the exposed soil beneath the right hand portion of the structure (when viewed from the front) was noted to be very moist, and the soil beneath the left hand portion was found to be somewhat drier. This could probably be explained by two factors. First, the left side of the structure is more exposed to sunlight and air circulation, and it seems likely that water would tend to dry out quicker within this portion of the subfloor area. Second, along the right side of the structure, there was noted to be considerably more shade and the presence of a large tree near the right front corner of the structure. The tree and its root system (which has lifted the hardscape in this area) appear to have altered the normal flow of surface runoff by perhaps causing water to pond along this area.

#### Preliminary Conclusions

Based upon our limited study, it is our opinion that from a geotechnical viewpoint the apartment building is in reasonably good condition for a structure of this size and age. Although some differential foundation movement has occurred, the movement has not caused significant structural problems. As noted, we did observe some cracks that have affected the interior walls and ceiling as well as some evidence of patched cracks. In our opinion, during normal maintenance it will be required to continue to patch the cracks into the future. The foundation system that was constructed under the structure was consistent for the type of foundation that was constructed in the 1960s, and although not up to today's codes, it is probably in very similar condition to most structures in the area.

The carports along the front of the structure are also somewhat of a weak area that could cause some problems during a major earthquake. While at the site, Ron Morris discussed the possibility of improving this area with a "moment frame" at a later date.

Consideration could be given to straightening some of the interior post supports in the crawl space area that have become out-of-plumb.

In addition, as noted, moisture has affected the right hand portion of the crawl space, and although not necessary severe, consideration should be given someday to perhaps removing the tree at the right front corner of the structure, which would then allow water to flow out towards the street gutter.

Page 4  
March 18, 2010  
Job No. 10-3974

In addition, consideration could be given to installing a foundation drain and/or some sort of moisture barrier in the crawl space at some point in the future.

#### Limitations

The opinions expressed in this report are based upon the previously described scope of work. No subsurface investigation was undertaken. While we believe that our conclusions are well founded, it is possible that there may be undiscovered conditions that would cause us to revise our opinions.

This report was prepared to provide geotechnical opinions only. It should not be construed to be any type of guarantee or insurance.

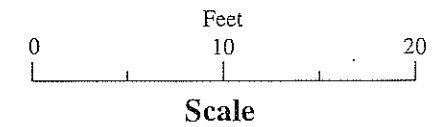
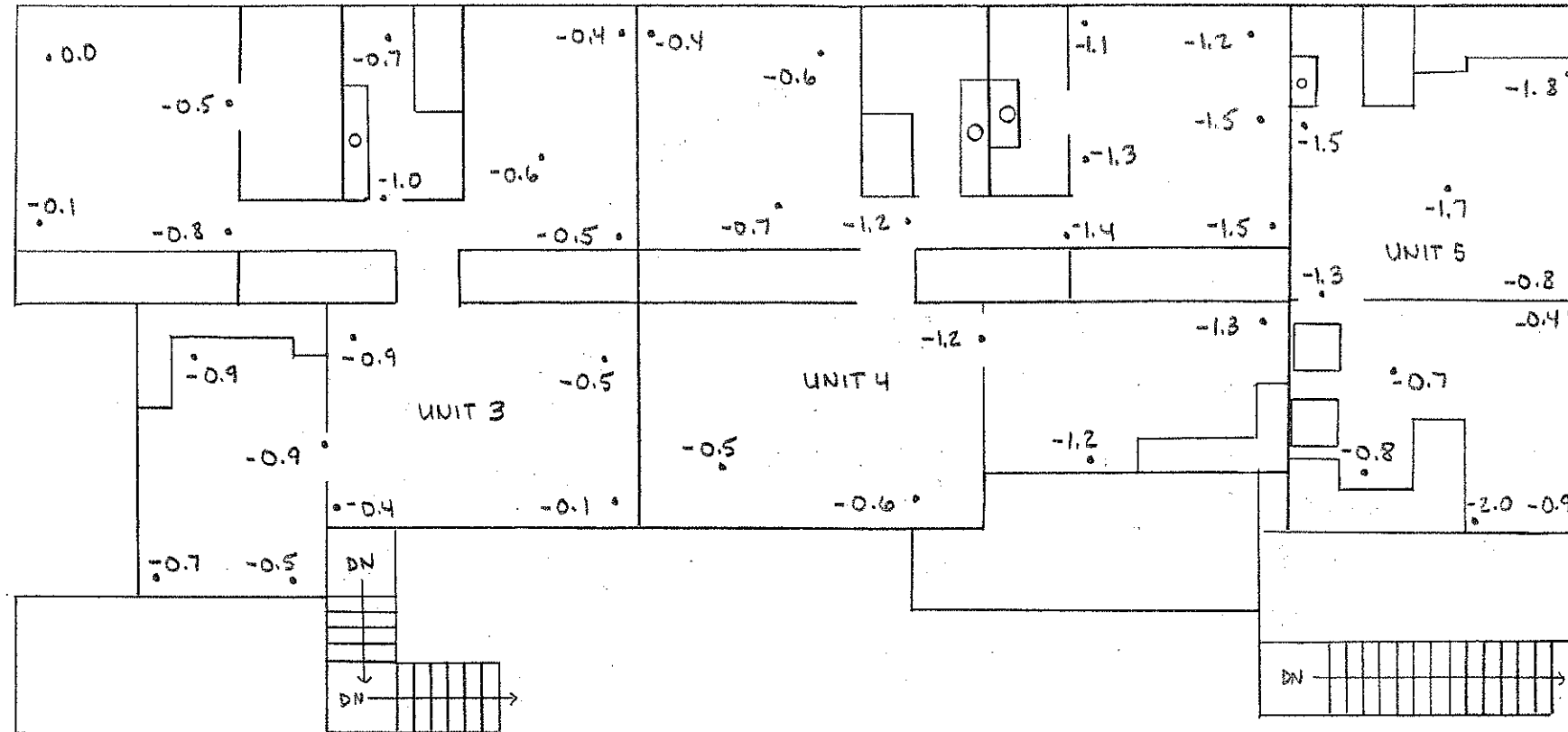
We are pleased to have been of service to you on this project. Please contact us if you have any questions.

Very truly yours,  
MICHELUCCI & ASSOCIATES, INC.

#### **ORIGINAL SIGNED BY**

Joseph Michelucci  
Geotechnical Engineer #593  
(Expires 3/31/11)

cc: Morris Engineering, Attn: Ron Morris



**NOTES**

- 1) Survey performed on 3-16-10
- 2) Readings are in inches
- 3) 0.0 indicates high point
- 4) •<sup>-1.2</sup> elevation point/reading

**Relative Floor Elevation Survey  
Upper Floor Units (Units 3, 4 & 5)**

946 Florence Lane  
Menlo Park, California

Scale: 1"=10'+/-	Approved: J.M.	Drawn By: J.P.
Survey Date: 3-16-10		Revised:



**Michelucci & Associates, Inc.**

Job No. 10-3974

Figure 1

City Arborist's Evaluation

Address 946 Florence Ln Permit # 2010-051

Type of tree Cedar

Private property Yes  No

Residential  Commercial

Structure Good

Approximate Height 60

Health Good

Diameter (at 4 feet) 28

Overall Good

Observations:

Mainstem (s) \_\_\_\_\_

Other branches \_\_\_\_\_

Roots \_\_\_\_\_

Cavities \_\_\_\_\_

Decay \_\_\_\_\_

Growth \_\_\_\_\_

Conditions around tree \_\_\_\_\_

Other heritage trees nearby \_\_\_\_\_

Other comments I see no reason to Remove The two cedar Tree  
I recommending Trimming

Category (check one):

Structural problem

Property damage

Possibly hazardous

Construction related

Diseased

Emergency

Dead (or nearly dead)

Other \_\_\_\_\_

Conclusions:

Permit approved.

No permit decision at this time. Further evaluation by the City is recommended.

Signed [Signature], City Arborist.

Date 4/8/10

RICHARD CLINE  
MAYOR

JOHN BOYLE  
VICE MAYOR

ANDREW COHEN  
COUNCIL MEMBER

HEYWARD ROBINSON  
COUNCIL MEMBER

KELLY FERGUSSON  
COUNCIL MEMBER



701 LAUREL STREET, MENLO PARK, CA 94025-3483  
www.menlopark.org

April 28, 2010

**Building**  
TEL 650.330.6704  
FAX 650.327.5403

**City Clerk**  
TEL 650.330.6620  
FAX 650.328.7935

**City Council**  
TEL 650.330.6630  
FAX 650.328.7935

**City Manager's Office**  
TEL 650.330.6610  
FAX 650.328.7935

**Community Services**  
TEL 650.330.2200  
FAX 650.324.1721

**Engineering**  
TEL 650.330.6740  
FAX 650.327.5497

**Environmental**  
TEL 650.330.6763  
FAX 650.327.5497

**Finance**  
TEL 650.330.6640  
FAX 650.327.5391

**Housing & Redevelopment**  
TEL 650.330.6706  
FAX 650.327.1759

**Library**  
TEL 650.330.2500  
FAX 650.327.7030

**Maintenance**  
TEL 650.330.6780  
FAX 650.327.1953

**Personnel**  
TEL 650.330.6670  
FAX 650.327.5382

**Planning**  
TEL 650.330.6702  
FAX 650.327.1653

**Police**  
TEL 650.330.6300  
FAX 650.327.4314

**Transportation**  
TEL 650.330.6770  
FAX 650.327.5497

Mr. & Mrs. Shaban  
325 Blue Oak Lane  
Los Altos, CA 94022

**Subject: Application to Remove Heritage Trees at 946 Florence Lane**

Dear Mr. & Mrs. Shaban,

This letter is to inform you that the City has received and reviewed the applications you submitted for the removal of two deodar cedars at the subject property and that the City's arborist along with myself have inspected the trees and the structure.

The City is denying the request for the removal of the two deodar cedars based on the following:

- The trees are in healthy condition and evidence submitted with application does not adequately support the removal of the tree. The City arborist recommends that the trees be trimmed.

You may appeal this decision to the Environmental Quality Commission by submitting a request in writing for each tree, within 15 days of the date of this letter. A fee of \$100 per tree shall be due at the time of appeal. For further information regarding the City's action on this heritage tree removal request or the appeal process, please feel free to contact me at (650) 330-6741.

Sincerely,

Ruben Niño, P.E.  
Public Works Department

Tuesday, May 4, 2010

City of Menlo Park  
701 Laurel St.  
Menlo Park, Ca 94025

RECEIVED

MAY - 4 2010

Subject: Appeal to remove one Cedar Tree at  
946 Florence Lane, Menlo Park, Ca

CITY CLERK'S OFFICE  
CITY OF MENLO PARK

We would like to appeal the recent decision to remove two cedar trees located at 946 Florence Lane, Menlo Park, Ca. We are specifically requesting the appeal for the removal of the one Cedar tree located to the right front side of the structure as this tree is causing immediate destruction and risk factors to the tenants.

This building is a 5 unit multiple family apartment structure. The cedar tree in question poses several hazards in the safety of tenants and guests.

- There have been several limbs that have fallen this past winter due to winter storm conditions. Luckily they did not fall onto anyone but did hit the roof and cause damage.
- The sewer line has been destroyed and needs reconstruction. If the tree is not removed this requires the sewer lateral line to have several elbows, which is not properly done with lateral lines, and again the root system will be disrupted when that occurs.
- The tree is also pushing the drainage water backwards toward the structure allowing the water to enter underneath the building. This is a potential hazard to the building in the very near future causing structural movement (a severe safety liability), also recommended by the soils engineer the tree needs to be removed.
- The tree's root system is causing erosion of the existing concrete and is beginning to affect the foundation.
- There is a portion of the trunk beginning to grow into the space where the car needs to enter the carport (this will soon not allow room for the car to pass safely – another soon to be liability).
- The tree is lifting the concrete in several locations in the driveway site and edge of the building.

We are trying to avoid any harm to anyone of our tenants or their guests. We have looked into working around the tree removal, with root cutting etc, but by doing so would affect the root system therefore, the root system modification is not an option. The Arborist has advised us that this would affect the integrity of the trees themselves, making them more vulnerable to falling.

These are all liabilities that we want no one to have to deal with. We have been proactive, but there comes a time when different measures must take place.

Please reconsider your decision to remove this tree and provide us with the proper permits. It is in every ones best interest to remove this tree and allow the repairs to the building before anyone is injured and or hit with a liability issue. We have the intention to plant several smaller type trees on the property and will do so immediately.

Thank you for your reconsideration and positive outcome.

Sincerely,

*Robin and Saad Shaban*

Robin and Saad Shaban  
325 Blue Oak Lane, Los Altos, Ca 94022

Fireside @ Rec ctr. 1st week Mon Wed.  
June 2nd 7:00 PM  
Lisa Ekers  
Supervisor

@ Rec Ctr

Regina Wheeler  
Environment  
COR.  
EI



# Arborist Form

Please complete one form for each tree. Mark each tree with colored ribbon or tape prior to our inspection.

Site Address:

946 FLORENCE LANE, X = University, Menlo Park

### Arborist Information:

Name of Certified Arborist Raymond J. Morneau

ISA or ASCA number WE-O132-A Menlo Park Business License Number: Consultant

Company: Ray Morneau, Arborist

Address: 550 South Shoreline Boulevard, Mountain View, CA 94041

Phone: 650.964.7664

Fax: 650.938.1577

Email:

rm@rjmorneauarborist.com  
RMArborist@aol.com

### Tree Information:

Date of Inspection: MAY 11, 2010

Common Name: DEODAR CEDAR Botanical Name: Cedrus deodara

Location of Tree: FRONT RIGHT C/O GARAGE Height of Tree: 65 FEET

Diameter of tree at 54 inches above natural grade: 32.75"

Circumference of tree at 54 inches above natural grade: 102.9"

Condition of Tree: "OVER-MATURE"

Lop-sided due to live clearance pruning & storm breakage  
Moderate foliage branch endweights have accumulated.

Density = Fair Vigor = Good (recent annual tip growth average 5"-12")  
ROOT FLARE = Prominent + vigorous, OVERALL CONDITION = 65% (Fair)  
If recommending removal or pruning, please list all reasons.

① EXPECT SUBSTANTIAL ROOT LOSS TO { A. LEVEL D'WY SLAB  
② WOULD CONTINUE TO GROW INTO D'WY { B. GRADE FOR STORMWATER DRAINAGE  
C. REPLACE SEWER MAIN LINE.

③ WOULD BE DIFFICULT TO PRUNE TO REDUCE RISK OF BREAKAGE  
& STILL BE AESTHETICALLY PLEASING... IS AT THE DECLINING YEARS OF ITS LIFE.

Suggested Replacement Tree:  
Betula nigra (river birch), OR Crataegus phaenopyrum (Washington Hawthorn)  
OR Tristramopsis laurina (Tristramia)

Signature of Arborist: Raymond J. Morneau

Date: 5-11-2010



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APR 01 2010

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Signature of property owner authorizing access and inspection of tree in his/her absence: [Signature] email when approved

Date: 4/11/10

Type of Tree: Cedar Location on property: Right side front yard

Reasons for Request:  
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**TIMING OF REPLANTING**

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Staff Signature: [Signature] Date: 4/8/10

Print name and title: Juan Alvarez

(E3)



# Arborist Form

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Name of Certified Arborist Eddie Farquharson

ISA or ASCA number: WC 1714 Menlo Park Business License number: \_\_\_\_\_

Company: Neck of the Woods Tree Service

Address: 264 Sylvan Way Emerald Hills Ca 94062

Phone: 650 366 9801 FAX: \_\_\_\_\_ Email: AerialResQ@aol

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### Suggested Replacement Tree:

Mayten - Podocarpus gracillior - Camphor - Australian Willow

Signature of Arborist: Eddie Farquharson Date: 4/1/2010

(E4)

# City Arborist's Evaluation

Address 946 Florence LN Permit # 2010-058

Type of tree Cedar

Private property Yes  No  Residential  Commercial

Structure Good Approximate Height 60

Health Good Diameter (at 4 feet) 37

Overall Good

### Observations:

Mainstem (s) Good Tree

Other branches \_\_\_\_\_

Roots \_\_\_\_\_

Cavities \_\_\_\_\_

Decay \_\_\_\_\_

Growth \_\_\_\_\_

Conditions around tree \_\_\_\_\_

Other heritage trees nearby \_\_\_\_\_

Other comments I see no reason to remove the two cedar  
this trees need to be trimmed

### Category (check one):

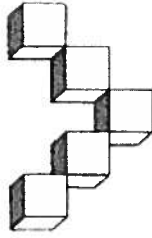
- |  |   |
|--|---|
| <input type="checkbox"/> Structural problem    | <input type="checkbox"/> Property damage      |
| <input type="checkbox"/> Possibly hazardous    | <input type="checkbox"/> Construction related |
| <input type="checkbox"/> Diseased              | <input type="checkbox"/> Emergency            |
| <input type="checkbox"/> Dead (or nearly dead) | <input type="checkbox"/> Other _____          |

### Conclusions:

- Permit approved.
- No permit decision at this time. Further evaluation by the City is recommended.

Signed \_\_\_\_\_, City Arborist. Date \_\_\_\_\_

(E5)



**Michelucci & Associates, Inc.**  
Geotechnical Consultants

Joseph Michelucci, G.E.  
*joel@michelucci.com*

Richard Quarry  
*rich@michelucci.com*

March 18, 2010  
Job No. 10-3974

via e-mail: [rshaban@mac.com](mailto:rshaban@mac.com)  
(hard copy to follow by mail)

Ms. Robin Shaban  
325 Blue Oak Lane  
Los Altos, CA 94022

Re: Preliminary Geotechnical Evaluation  
Existing Apartment Building  
946 Florence Lane  
Menlo Park, California

Dear Ms. Shaban:

As authorized, we have completed a preliminary evaluation of the geotechnical condition of the apartment building that you are considering purchasing at 946 Florence Lane in Menlo Park, California. The purpose of this study was to provide this preliminary evaluation to aid you in your decision making process as to whether or not to purchase the structure.

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---

1801 Murchison Drive, Suite #88  
1007B West College Avenue, #210

• Burlingame, California 94010  
• Santa Rosa, California 95401

• (650) 692-0163 Fax: (650) 692-0169  
• (707) 527-7434 Fax: (707) 527-5664

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The foundation was explored partially by our firm and carefully by Ron Morris. In general, the foundation appeared to be in relatively good condition with the exception of certain interior wood supports that were found to be leaning. There was also a white efflorescence buildup on the perimeter foundation, just above the crawl space soil grade. There was no standing water noted anywhere in the crawl space. However, the exposed soil beneath the right hand portion of the structure (when viewed from the front) was noted to be very moist, and the soil beneath the left hand portion was found to be somewhat drier. This could probably be explained by two factors. First, the left side of the structure is more exposed to sunlight and air circulation, and it seems likely that water would tend to dry out quicker within this portion of the subfloor area. Second, along the right side of the structure, there was noted to be considerably more shade and the presence of a large tree near the right front corner of the structure. The tree and its root system (which has lifted the hardscape in this area) appear to have altered the normal flow of surface runoff by perhaps causing water to pond along this area.

#### Preliminary Conclusions

Based upon our limited study, it is our opinion that from a geotechnical viewpoint the apartment building is in reasonably good condition for a structure of this size and age. Although some differential foundation movement has occurred, the movement has not caused significant structural problems. As noted, we did observe some cracks that have affected the interior walls and ceiling as well as some evidence of patched cracks. In our opinion, during normal maintenance it will be required to continue to patch the cracks into the future. The foundation system that was constructed under the structure was consistent for the type of foundation that was constructed in the 1960s, and although not up to today's codes, it is probably in very similar condition to most structures in the area.

The carports along the front of the structure are also somewhat of a weak area that could cause some problems during a major earthquake. While at the site, Ron Morris discussed the possibility of improving this area with a "moment frame" at a later date.

Consideration could be given to straightening some of the interior post supports in the crawl space area that have become out-of-plumb.

In addition, as noted, moisture has affected the right hand portion of the crawl space, and although not necessary severe, consideration should be given someday to perhaps removing the tree at the right front corner of the structure, which would then allow water to flow out towards the street gutter.



# Arborist Form

Please complete one form for each tree. Mark each tree with colored ribbon or tape prior to our inspection.

Site Address:

946 FLORENCE LANE, X = University, MENLO PARK

**Arborist Information:**

Name of Certified Arborist Raymond J. Morneau

ISA or ASCA number WE-O132-A Menlo Park Business License Number: Consultant

Company: Ray Morneau, Arborist

Address: 550 South Shoreline Boulevard, Mountain View, CA 94041

Phone: 650.964.7664 Fax: 650.938.1577 Email: rm@rjmorneauarborist.com  
RMArborist@aol.com

**Tree Information:**

Date of Inspection: MAY 11, 2010

Common Name: DEODAR CEDAR Botanical Name: Cedrus deodara

Location of Tree: FRONT RIGHT C/O GARAGE Height of Tree: 65 FEET

Diameter of tree at 54 inches above natural grade: 32.75"

Circumference of tree at 54 inches above natural grade: 102.9"

Condition of Tree: "OVER-MATURE"

Lop-sided due to live clearance pruning & storm breakage.  
Moderate foliage branch endweights have accumulated.

Density = Fair Vigor = Good (recent annual tip growth average 5"-12")

ROOT FLARE = Prominent + vigorous, OVERALL CONDITION = 65% (Fair)  
 If recommending removal or pruning, please list all reasons.

- ① EXPECT SUBSTANTIAL ROOT LOSS TO
  - A. LEVEL D'WY SLAB
  - B. GRADE FOR STORMWATER DRAINAGE
  - C. REPLACE SEWER MAIN LINE.
- ② WOULD CONTINUE TO GROW INTO D'WY.
- ③ WOULD BE DIFFICULT TO PRUNE TO REDUCE RISK OF BREAKAGE  
& STILL BE AESTHETICALLY PLEASING... IS AT THE DELINING YEARS OF ITS LIFE.

Suggested Replacement Tree:  
Betula nigra (river birch), OR Crataegus phaenopyrum (Washington Hawthorne)  
OR Tristemonia laurina (Tristemonia)

Signature of Arborist: Raymond J. Morneau

Date: 5-11-2010

(FI)



These photos demonstrates the problem with water draining away from structure, water flows back under the structure rather than out to the street. Tree-trunk

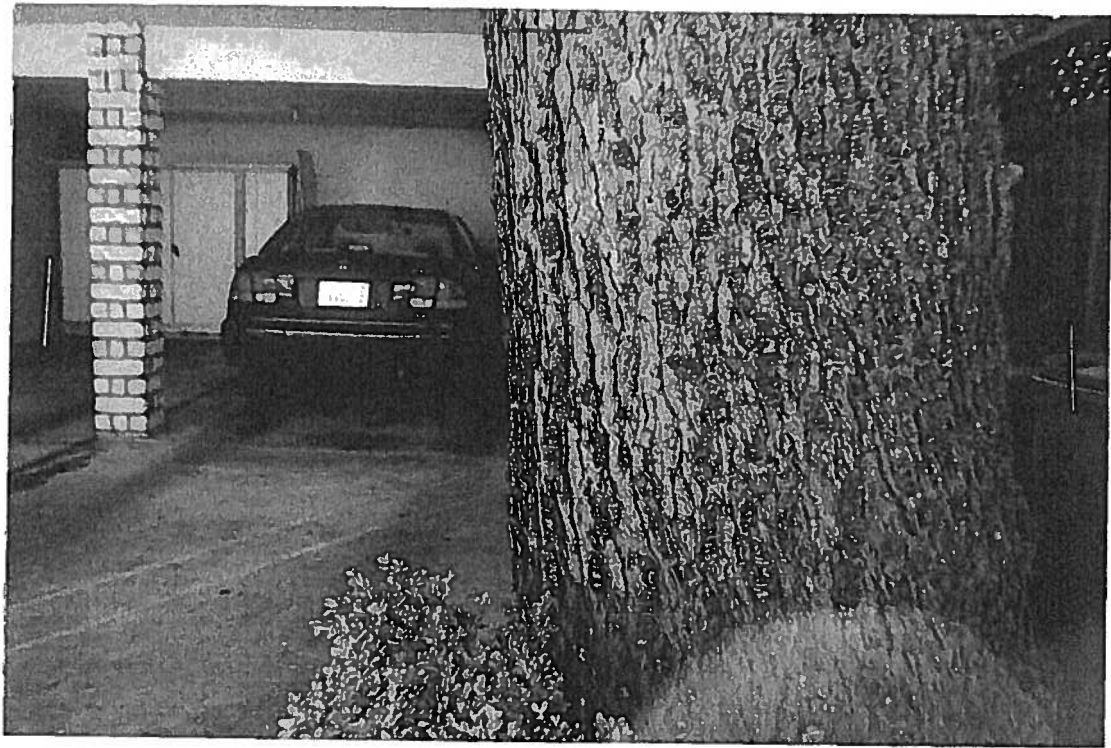


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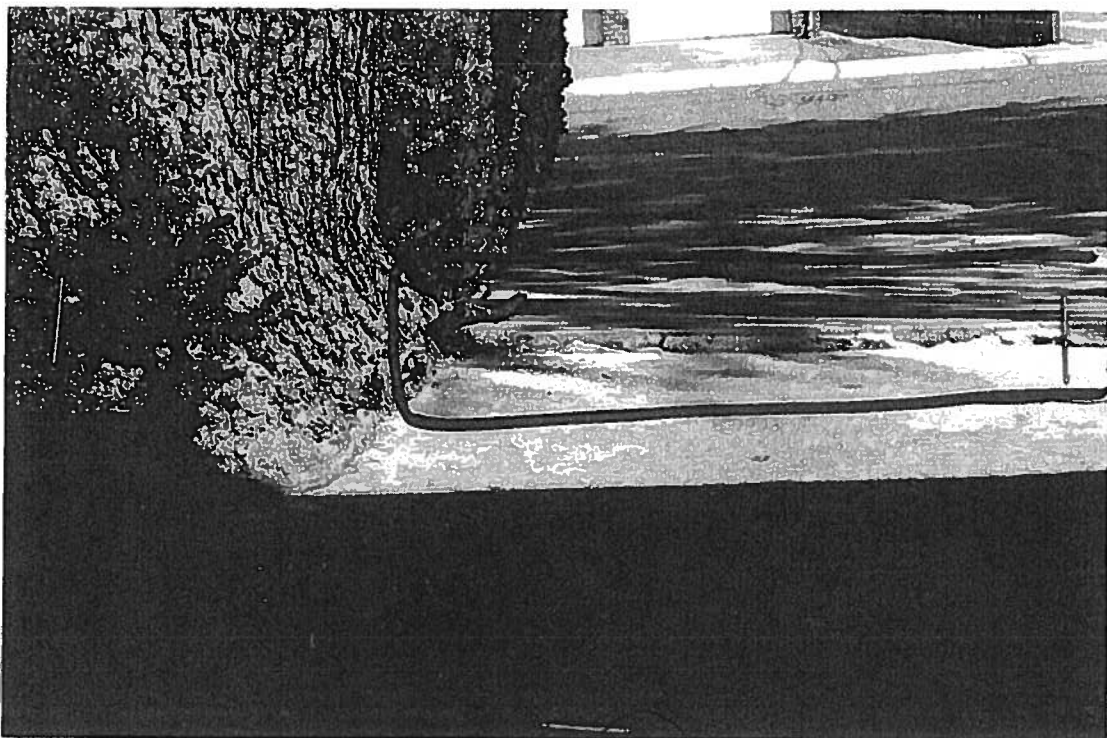
These pictures demonstrates the roots causing a large knoll and the tree is tipping over. The roots are creating problems with drainage, and sewer lines.





This top photo demonstrates the tree is beginning to grow into the driveway.

This lower photo demonstrates where the roots have lifted the driveway.



Concrete Lifting