

Tree Management Experts

Consulting Arborists

3109 Sacramento Street
San Francisco, CA 94115

Member, American Society of Consulting Arborists
Certified Arborists, Tree Risk Assessment Qualified

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War Memorial & Performing Arts Center
City and County of San Francisco
Attn: Kevin Kelly, Building and Grounds Superintendent
401 Van Ness Avenue, Room 110
San Francisco, CA 94102-4521

Project: Pittosporum Evaluations

Date: 05/17/2017

ARBORIST REPORT

Assignment

- Provide a site visit to evaluate all Pittosporum trees and large shrubs. Up to 17 plants will be evaluated (per the 2014 tree study).
- Evaluation criteria will include the data points in the 2014 study, plus site, health and structural evaluations to determine:
 - Tree risk assessment
 - Useful life expectancy
 - Removal and replacement strategies and timelines
- Provide an Arborist Report with findings that include tree survey data, tree risk assessments and a table of recommendations.

Background

The Victorian Box (*Pittosporum undulatum*) trees at the War Memorial and Performing Arts Center were evaluated in May 2014, and some showed signs of decline at that time. The trees stand at the corners of the War Memorial and Opera House buildings on Van Ness Avenue, and by the carriage drive on the South Side of the Opera House on Grove Street. There a total of 17 Victorian Box trees at the site.

Findings

During our site visit on 5/15/2017 the Pittosporum were evaluated and assessed for health, structural defects, and useful life expectancy. Our findings are included in the attached data table.

Several of the trees are declining, with thinning canopies and yellowing foliage. This indicates that their health is failing and they are reaching the end of their useful lives.

Most of the trees have signs of decay present, including conks forming on cut stumps and branch stubs and other fruiting bodies present at the base of the trees. This presence of

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fruiting bodies indicates that the decay fungus is extensive within the trees and the structural integrity of the trees may be significantly compromised.

The bases of the trees are also buried in mulch and soil. This can result in additional risk of fungal infection and decay at the base of the tree.

Discussion

Except for Trees 758, 769, and 770, the Victorian Box trees at the site are all nearing the end of their useful lives.

Because they have grown so closely to each other, replacing individual trees in the groves on Van Ness Avenue is not feasible. The removal of individual trees would result in the remaining trees having noticeably asymmetric crowns and being more prone to windthrow as their sheltering neighbors will have been removed. If the decision to remove and replace one of the trees in these groves is taken then the entire grove should be replaced as a unit.

Tree 758 is not subject to precaution, it is much younger than the rest of the trees in the grove and still has a fairly symmetric canopy and is shorter than the other trees.

Trees 769 and 770 are also younger than the other Victorian Box on site and, if they are pruned to prevent them from becoming excessively end-heavy, can be retained well into the future.

Recommendations

Regular pruning should continue as outlined in the data table, with the objective being to contain the trees and maintain their shape and size by means of drop crotch cuts on smaller branches. Dead wood should also be removed to help mitigate the hazard of falling dead branches.

The mulch and dirt around the base of all the trees should be cleared back from the base of the trunks for at least 12 inches from where the trunk flare meets the natural grade.

Because Trees 756, 855, 857, and 868 are all declining, they will likely not live more than 5-10 years. With decline they will lose their aesthetic value and present hazards from dead branches. Replacement in the near future should be planned for these trees and the groves they stand in.

Tree 756 is in the worst health, and 757 has a large decayed band along the compression side at the base of the trunk; increasing the risk of a whole tree failure. This grove including Trees 755-757 should be a priority. If desired, tree 758 can be retained on site along with whatever replacement trees are planted. This replacement should take place within the next few years.

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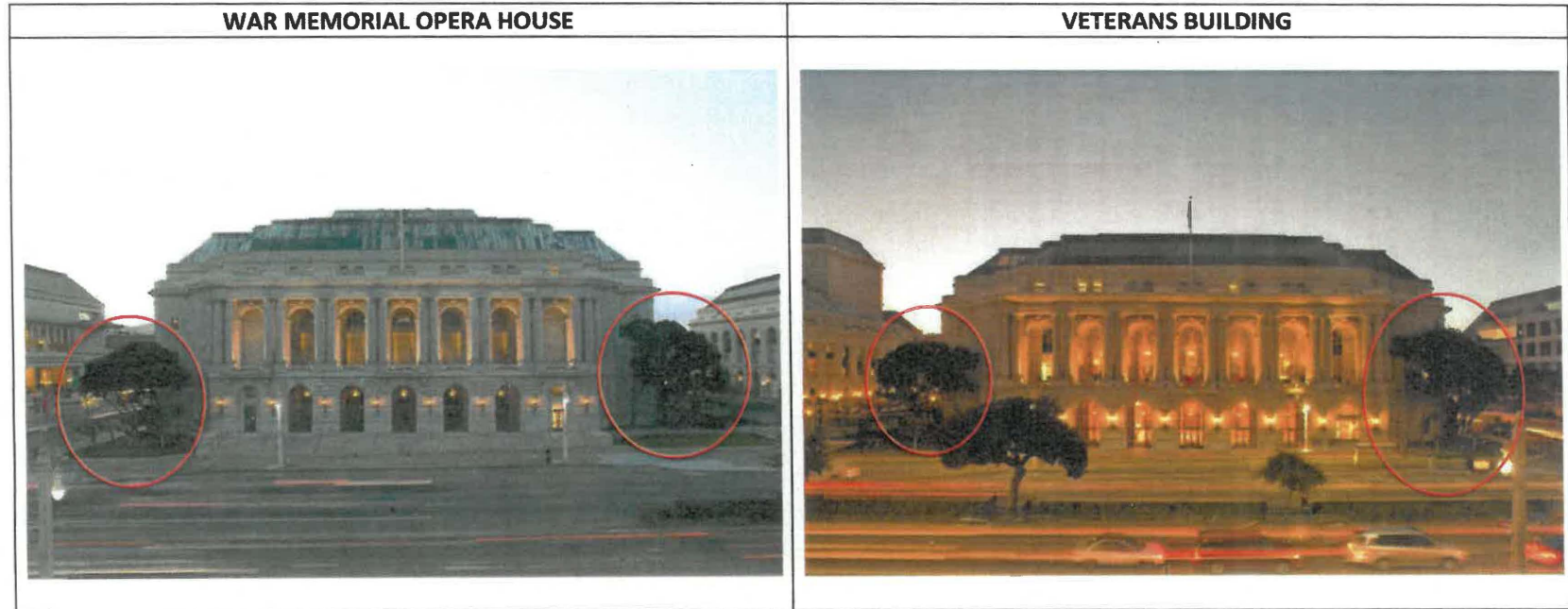
The next priority should be replacing Trees 854-857 and Trees 867-869, as three of the trees in these groves are showing signs of decline and most of them show signs of decay fungi. These groves should each be removed as a unit, and replaced as desired. This should take place over the next 5 years.

The lowest priority removals are Trees 748-751, they are not showing significant decline, but as they are the same age as the other trees identified for removal, they likely will not outlive them by a significant margin. They also show signs of decay. These removals should be planned within the next 10 years, unless the begin to shows signs of rapid decline.

If the trees are retained and pruned, it should be recognized that the risks they pose are increasing. Pruning will help with aesthetics and risk reduction, up to a point, but residual risk after pruning will still be escalating over the next few years.

Although our table is for pruning, it may be the decision to remove and replace trees according to this schedule, or perhaps sooner. There might also be an advantage to replacing all the trees at once to obtain a uniform stand in the future.

PITTOSPORUM TREE LOCATIONS





VETERANS' COMMEMORATION COMMITTEE



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USMC (Ret.)
Trustee S.F. War Memorial

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Commander, American Legion
Cathy Post 384

Jonathan Roth

Professor Of History, San Jose
State University

Frederick S. Rutledge

Colonel (CA)
Military Museum Command
California State Guard

Janice Tong

Veterans For Peace

Board of Trustees of the War Memorial of San Francisco

Building Committee Meeting, February 11, 2020

Re: Veterans' Commemoration Committee Proposals at the War Memorial Veterans Building

1) Installation of eight banners in the War Memorial Veterans Building lobby.

Requesting Memorial Day to Veterans' Day 2020, but
will cooperate with War Memorial staff and building
operations on exhibition dates. Banners are removable
for individual dates as needed.

The banners will commemorate the seventy-fifth anni-
versaries of the end of World War II and signing of the
United Nations Charter.

Banner design will be submitted to the board
for approval before installation.

2) Exhibit information signage, second floor of the War Memorial Veterans Building

Submitted by Ken Maley,
Project Director



100 Cities / 100 Memorials
To Preserve WWI Monuments

PROPOSED EXHIBITION INFORMATION PANELS



North side of the wall between the main theatre entrance and elevator door



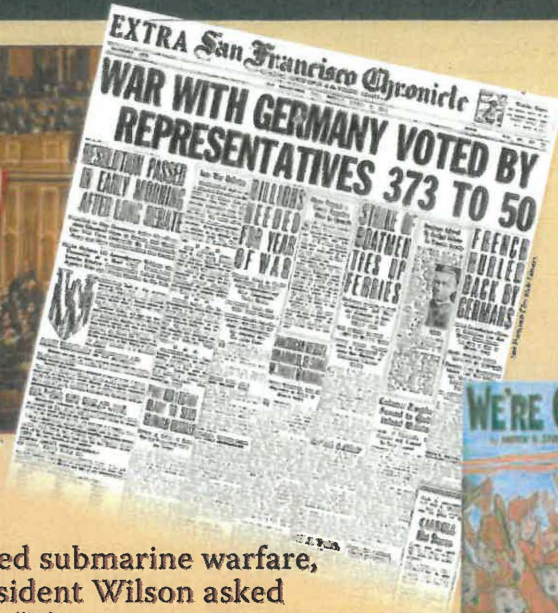
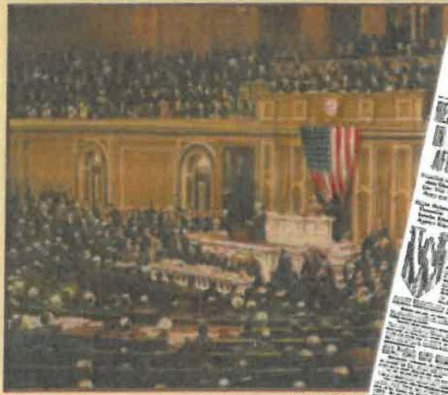
South side of the wall between the main theatre entrance and elevator door

Installation of exhibit banners on second floor corridors have been approved, conditional on Board approval of design.

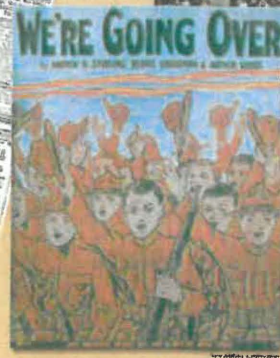
The committee proposes installation of two, 2' x 2' exhibition information panels on the west wall of the second floor between the two elevator doors.

Enlargements of each sign follows on the next two pages.

THE GREAT WAR 1917 America Enters The World War



In reaction to unrestricted submarine warfare, in February of 1917, President Wilson asked Congress to declare war: "The present German submarine warfare against commerce is a warfare against mankind....it is a war against all nations."



Patriotic Americans flocked to recruiting offices like the one at left, and were cheered by enthusiastic crowds at parades like this one above in San Francisco. Americans of many nationalities and ethnic groups embraced the crusade. More than two million Americans volunteered for service— buoyed by popular songs. An additional 2.8 million men were drafted to fight.

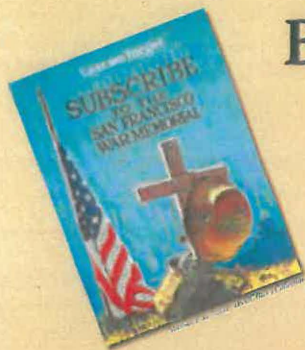
Please visit the full exhibit



The right side panel will direct visitors to view The Great War banners, installed in the lobby from May 2018 until July 2019. They are now re-installed on the second floor, north corridor, south wall.

THE GREAT WAR A Legacy to "All Who Served"

The War Memorial Veterans Building and Opera House



San Francisco's civic leaders, led by war veteran Charles Kendrick, initiated a campaign in 1920 to erect a War Memorial.

The War Memorial Veterans Building and Opera House was dedicated, 9 September 1932. They have hosted important historic events: the signing of the United Nations Charter on 26 June 1945 in the Herbst Theater and the WWII Japanese Peace Treaty on 8 September 1951 in the Opera House.



American Legion War Memorial Commission, San Francisco



San Francisco Public Library

Met. Gen. J. Michael Myatt, USMC (Ret.)
Chair and President, U.S. War Memorial
Edgar Powers
A.D. War Memorial Association
Jonathan Roth
President of Museum, San Francisco Japanese

WW I Armistice Centennial Commemoration Committee
Judge Quentin L. Kapp (Ret.)
Co-Chair and President, War Memorial Commission
Lt. Col. Wallace Levin, CGMR (Ret.)
President, U.S. War Memorial Veterans of Foreign War
Javier Long
Ambassador, American Legion, War Memorial Commission

Sal Compagno
President, WWI Memorial Foundation
Dawn Lombardy
WWI Veteran Committee
Ken Haley
Commodore, Pacific Coast Chapter

Paul Cox
Chair, American Legion War Memorial Foundation
Shelton Lane
Commodore, American Legion Chapter 1043
COL Frederick S. Rutledge
Military Museum, University of California, San Diego



Watch for future exhibits

The left panel will direct visitors to view future exhibits on the north wall of the south corridor. The design is incomplete as it needs to have a web site address for visitors to learn about upcoming exhibits. This panel will be updated to include information about approved upcoming exhibits when installed.

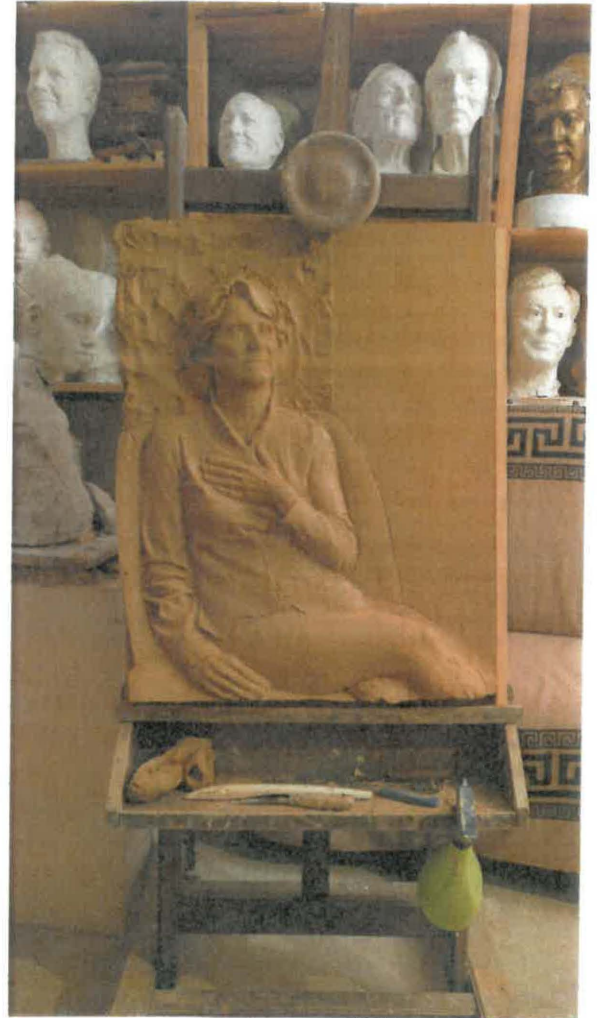
Both panels reflect the design elements of the The Great War banners and the four tombstone panels installed in the lobby niches.

**San Francisco Opera
Pamela Rosenberg Bas Relief
Request for design approval**

**Sculptor:
Bertrand Freiseleben**

**23.5 inches (59.75 cm) wide x
30 inches (75.3 cm) high**

- Cast in bronze, to match Mansouri bas relief.
- Same dimensions as Mansouri bas relief.
- Sculptor will likely cast a bronze plaque with Pamela's name and dates to sit just below bas relief.



Oval indicates approved placement of bas relief



Michael Tilson Thomas
Music Director

Sakurako Fisher
President

Esa-Pekka Salonen
Music Director Designate

Mark C. Hanson
Chief Executive Officer

Herbert Blomstedt
Conductor Laureate

February 6, 2020

John Caldon, Managing Director
War Memorial Performing Arts Center
401 Van Ness Avenue
San Francisco, CA 94102

Dear John,

The Board of Trustees approved a "Hall Improvement Fee" for Symphony concerts in Davies Symphony Hall in February 2017. Since that time, the total fees collected to date is \$2.079MM, with approved expenditures of \$292K (lobby seating project) to date, with a current balance as of January 31, 2020 of \$1.788MM.

In September 2017, the Board approved the Symphony's proposed "Immersive Lobby Experience" project conceptually, to be funded from the "Hall Improvement Fee", on the condition that the Symphony would return to the Board for final approval when the plans were fully developed. Since that time, we discovered that our original proposal far exceeded the estimated budget, and we have been working to recalibrate the project and reduce costs.

Our current proposed "Immersive Lobby Experience" will include façade lighting of Davies Symphony Hall (from the interior), a video projection element over the grand staircase, free-standing video kiosks in various levels of the lobbies, and an immersive audio experience in the Second Tier Lobby. Taken together, these elements will enliven and activate the lobbies and exterior of Davies Symphony Hall, offer an opportunity for artists and the community to "program" the lobbies and exterior of Davies Symphony Hall. These elements will also be available for non-Symphony rentals of Davies.

The total estimated cost for this phase of the project is \$1.5MM, to be funded from the "Hall Improvement Fee." In order to bring a completed design with visual renderings and technical specifications in March or April, the Symphony requests approval to proceed with design development at a cost of \$85,100, to be funded from the "Hall Improvement Fee."

Sincerely,

A handwritten signature in dark ink, appearing to read "Andrew Dubowski".

Andrew Dubowski
Director of Operations