THE GROVE
TOTAL TREE CARE

September 7, 2023

On August 29, 2023, I inspected several trees on the Nepenthe property during the monthly tree walk. The focus of the walk was to address resident/management concerns regarding mature trees on the property. The purpose of this report is to develop mitigation plans for the following trees and my recommendations are below. My recommendations are based on a Basic Visual Inspection. All decisions made based on the recommendations of this report are at the discretion of the Nepenthe Association.

- (Zone 6) Tree #1818 Redwood (*Sequoia sempervirens)* In front of 408 Elmhurst Circle. This tree has multiple included co dominate tops. In addition, the tree appears to be stressed and in decline. The canopy appears to be thinning and chlorotic. Each of the co dominate stems has codominant tops. Pruning to reduce the co dominate growth will add additional stress to the tree. Additionally, the inclusion at the main codominant split appears to show signs of damage with discoloration at the junction and a bulge of the wood. Pruning of the co dominate top to help reduce failure of this tree is not an option as this will add to the trees decline. I recommend removal of the tree due to a safety risk (Figure 1-3).

- (Zone 6) Tree #1810 Redwood (*Sequoia sempervirens)* In front of 504 Elmhurst Circle. This tree has multiple included co dominate tops. Each of the co dominate stems has codominant tops. Pruning to reduce the co dominate growth is not an option for this tree. Additionally, the inclusion at the main codominant split appears to show signs of damage with discoloration at the junction and a bulge of the wood. Pruning of the co dominate top to help reduce failure of this tree is not an option, I recommend removal of the tree due to a safety risk (Figure 4-5).

- (Zone 6) Tree #1961Liquid amber (*Liquidambar styraciflua),* 104 Elmhurst Circle. Tree has a full over weighted canopy and requires reduction pruning on branches throughout the tree canopy, making cuts no larger than 1”-2” on the branch ends reducing the total length by 3’-4’ throughout the canopy. Reduction of total live canopy by 25% and removing deadwood larger than 2”. (Figure 6).

- (Zone 6) Tree #1965 Hackberry (*Celtis occidentalis),* 108 Elmhurst Circle. Tree has a full over weighted canopy and requires reduction pruning on branches throughout the tree canopy, making cuts no larger than 1”-2” on the branch ends reducing the total length by 3’-4’ throughout the canopy. Reduction of total live canopy by 20% and removing deadwood larger than 2”. (Figure 7).

- (Zone 6) 4 Trees #1954, 1955, 1956, 1958 Cedar (*Cedrus deodara)* In front of 200 Elmhurst Circle. These trees have over weighted canopies and requires reduction pruning on branches throughout the tree canopy, making cuts no larger than 1”-2” on the branch ends reducing the total length of branched by 1’-3’ on 60% of the trees total canopy. Reduction of total live canopy by 20% and deadwood larger than 2” (Figure 8).

- (Zone 6) Tree #1927 Tulip tree (*Liriodendron tulipifera*), 206 Elmhurst Circle. Tree has a full over weighted canopy and requires reduction pruning on branches throughout the tree canopy, making cuts no larger than 1”-2” on the branch ends reducing the total length by 3’-4’ throughout the canopy. Reduction of total live canopy by 25% and removing deadwood larger than 2” (Figure 9).

- (Zone 6) Tree #1926 Tulip tree (*Liriodendron tulipifera*), 208 Elmhurst Circle. Tree has a full over weighted canopy and requires reduction pruning on branches throughout the tree canopy, making cuts no larger than 1”-2” on the branch ends reducing the total length by 3’-4’ throughout the canopy. Reduction of total live canopy by 25% and removing deadwood larger than 2” (Figure 10).

- (Zone 6) Tree #1937 Ash (*Fraxnis angustifolia),* next to 210 Elmhurst. Tree has a full over weighted canopy and requires reduction pruning on branches throughout the tree canopy, making cuts no larger than 1”-2” on the branch ends reducing the total length by 3’-4’ throughout the canopy. Reduction of total live canopy by 25% and removing deadwood larger than 2” (Figure 11).

- (Zone 6) Tree #1889 Cedar (*Cedrus deodara)* In front of 314 Elmhurst Circle. Tree has a full over weighted canopy and requires reduction pruning on branches throughout the tree canopy, making cuts no larger than 1”-2” on the branch ends reducing the total length by 3’-4’ throughout the canopy. Reduction of total live canopy by 20% and removing deadwood larger than 2” (Figure 12).

- (Zone 6) Tree #No Tag Ginkgo biloba (*Ginkgo biloba*), in front of 318 Elmhurst Circle. This tree will require structural pruning to help with direction of growth and healthy canopy development, pruning to remove co dominate stem. (Figure 13-14).

- (Zone 6) Tree #1851 Redwood (*Sequoias sempervirens*), 320 Elmhurst Circle. This tree has multiple included co dominate tops. Due to the failure potential, I recommend reduction pruning of the co dominate top to help reduce failure. Climber will reduce the smaller of the codominant tops by 1/2 or eliminate based on the climber’s recommendation (Figure 15).

- (Zone 6) Tree #1823, Canary Island Pine (*Pinus canarisnsis),* 400 Elmhurst Circle. This tree has an included co dominate top. Due to the failure potential, I recommend reduction pruning of the co dominate top to help reduce failure. Climber will reduce the smaller of the codominant tops by 1/2 or eliminate based on the climber’s recommendation. In addition, this tree has developed a lean and we monitor this tree and manage the lean through the canopy weight. The tree has a full over weighted canopy and requires reduction pruning on branches throughout the tree canopy, making cuts no larger than 1”-2” on the branch ends reducing the total length by 3’-4’ throughout the canopy. Reduction of total live canopy by 20% and removing deadwood larger than 2”. (Figure 16).

- (Zone 6) 2 Trees #1827,1829 Cedar (*Cedrus deodara)* End of ally between 408/406 Elmhurst Circle. These trees have over weighted canopies and requires reduction pruning on branches throughout the tree canopy, making cuts no larger than 1”-2” on the branch ends reducing the total length of branched by 1’-3’ on 60% of the trees total canopy. Reduction of total live canopy by 20% and deadwood larger than 2” (Figure 17).

- (Zone 6) Tree #1817 Redwood (*Sequoias sempervirens*), 408 Elmhurst Circle. This tree has multiple included co dominate tops. Due to the failure potential, I recommend reduction pruning

of the co dominate top to help reduce failure. Climber will reduce the smaller of the codominant tops by 1/2 or eliminate based on the climber's recommendation (Figure 18).

- (Zone 6) 2 Tree's #1809 #1811 Redwood (*Sequoias sempervirens*), 504 Elmhurst Circle. The trees have multiple included co dominate tops. Due to the failure potential, I recommend reduction pruning of the co dominate top to help reduce failure. Climber will reduce the smaller of the codominant tops by 1/2 or eliminate based on the climber's recommendation (Figure 19).

- (Zone 6) Tree #1755 Redwood (*Sequoias sempervirens*), 600 Elmhurst Circle. This tree has multiple included co dominate tops. Due to the failure potential, I recommend reduction pruning of the co dominate top to help reduce failure. Climber will reduce the smaller of the codominant tops by 1/2 or eliminate based on the climber's recommendation (Figure 20).

- (Zone 6) 2 Trees #1728, 1729 Tulip tree (*Liriodendron tulipifera*), In front of 720/722 Elmhurst Circle. These trees have over weighted canopies and requires reduction pruning on branches throughout the tree canopy, making cuts no larger than 1"-2" on the branch ends reducing the total length of branched by 1'-3' on 60% of the trees total canopy. Reduction of total live canopy by 25% and deadwood larger than 2" (Figure 21).

- (Zone 6) Tree #No Tag Redwood (*Sequoias sempervirens*), near garage 722 Elmhurst Circle. This tree has a failure of an included co dominate top. Due to the failure, there is damage to the trunk and the remaining top is vulnerable to another failure. There seems to be a large split in the wood running down the trunk. I recommend reduction of the top to below the damage to help reduce failure. (Figure 22-23).

- (Zone 6) Tree #1732 Redwood (*Sequoias sempervirens*), 804 Elmhurst Circle. This tree has multiple included co dominate tops. Due to the failure potential, I recommend reduction pruning of the co dominate top to help reduce failure. Climber will reduce the smaller of the codominant tops by 1/2 or eliminate based on the climber's recommendation (Figure 24).

- (Zone 6) Tree #13 Redwood (*Sequoias sempervirens*), 804 Elmhurst Circle. This tree has multiple included co dominate tops. Due to the failure potential, I recommend reduction pruning of the co dominate top to help reduce failure. Climber will reduce the smaller of the codominant tops by 1/2 or eliminate based on the climber's recommendation (Figure 25).

- (Zone 6) Tree #1690 Deodar cedar (*Cedrus deodara*) 804 Elmhurst Circle. The tree has an over weighted canopy and requires reduction pruning on branches throughout the tree canopy, making cuts no larger than 1"-2" on the branch ends reducing the total length of branched by 1'-3' on 60% of the trees total canopy. Reduction of total live canopy by 20% and deadwood larger than 2" (Figure 26).

Figure 1

Figure 2


This inclusion is showing signs of stress in the attachment point.

Figure 3

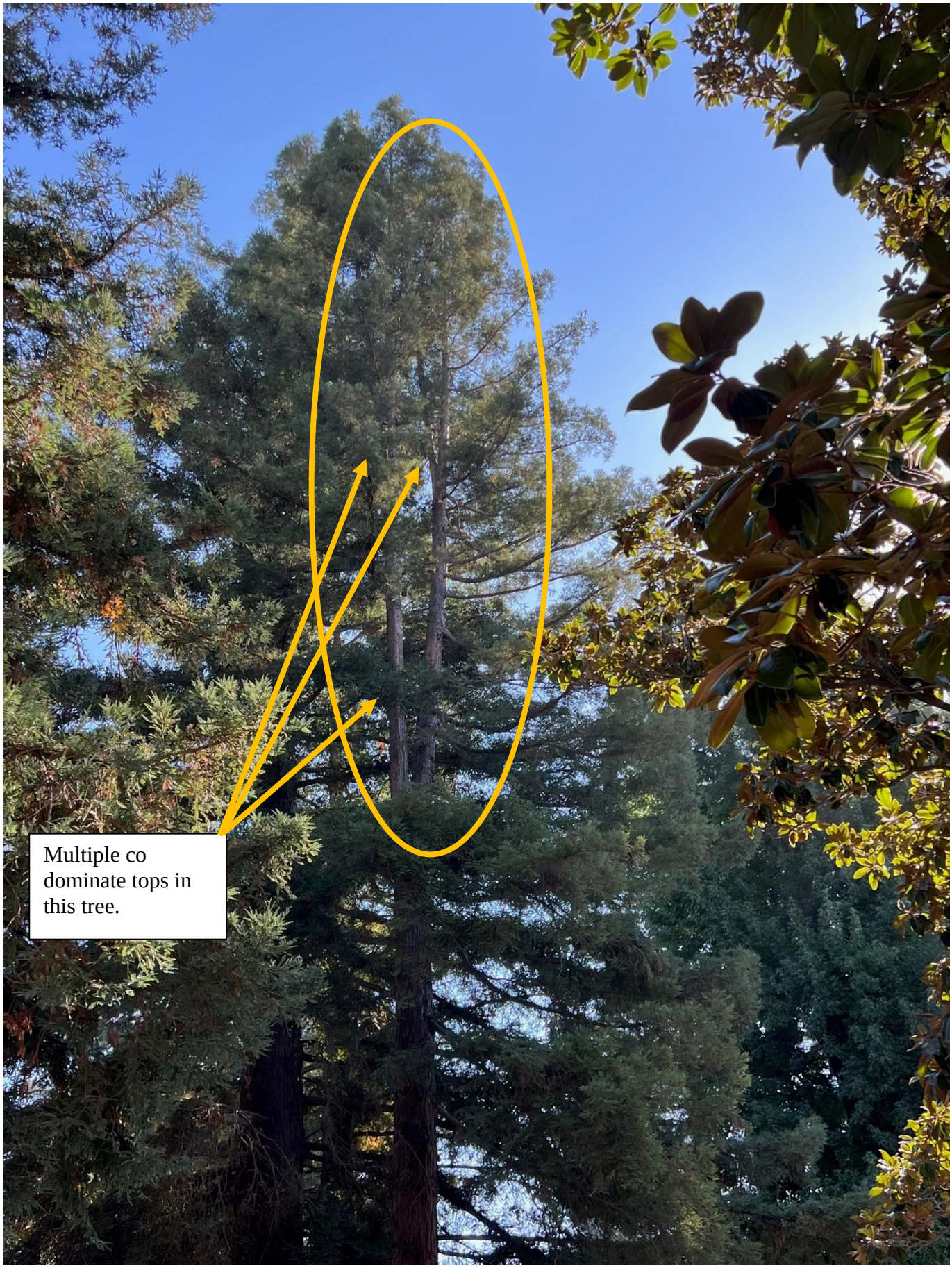

Figure 4

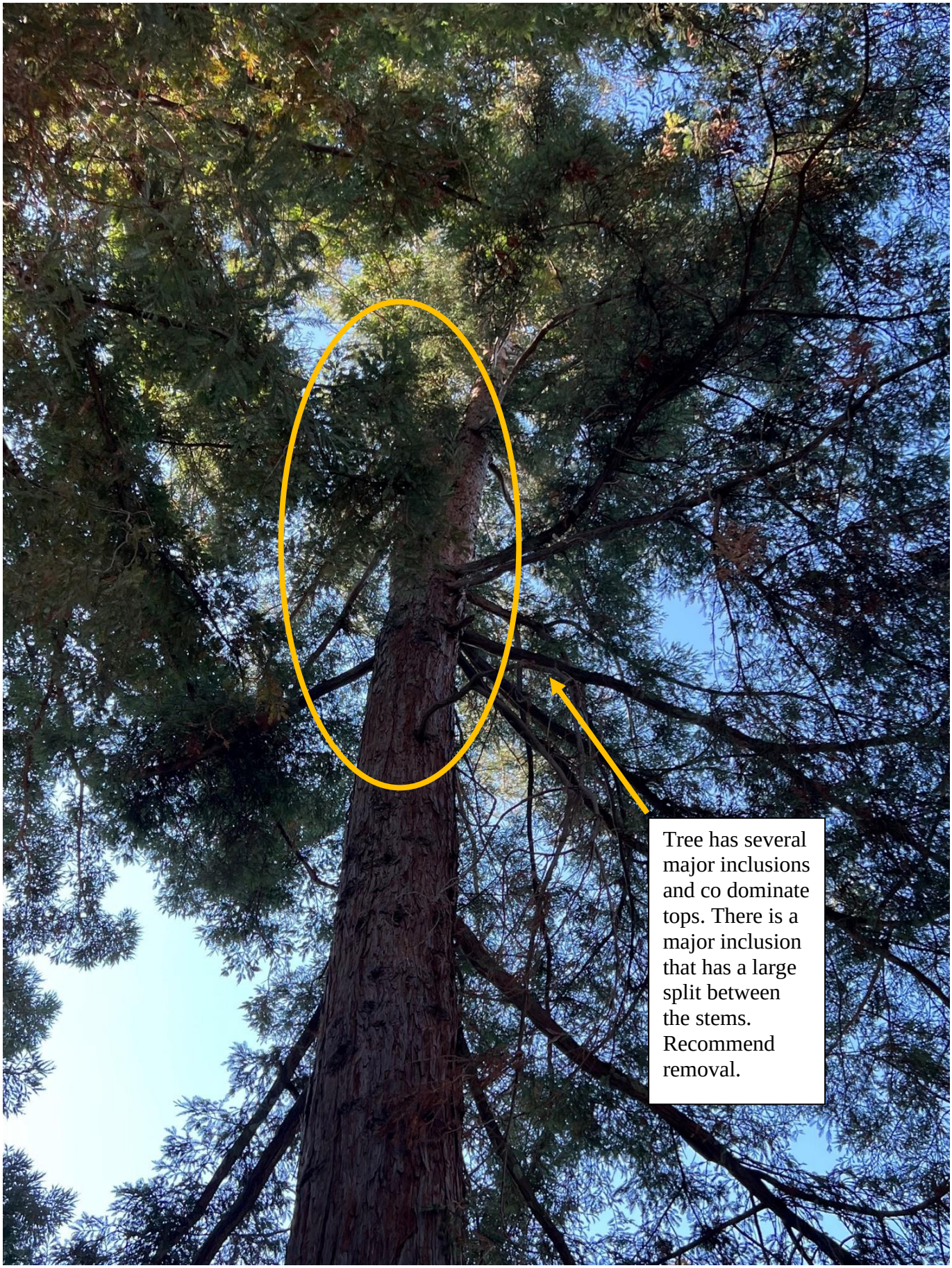
Tree has several major inclusions and co dominate tops. There is a major inclusion that has a large split between the stems. Recommend removal.

Figure 5

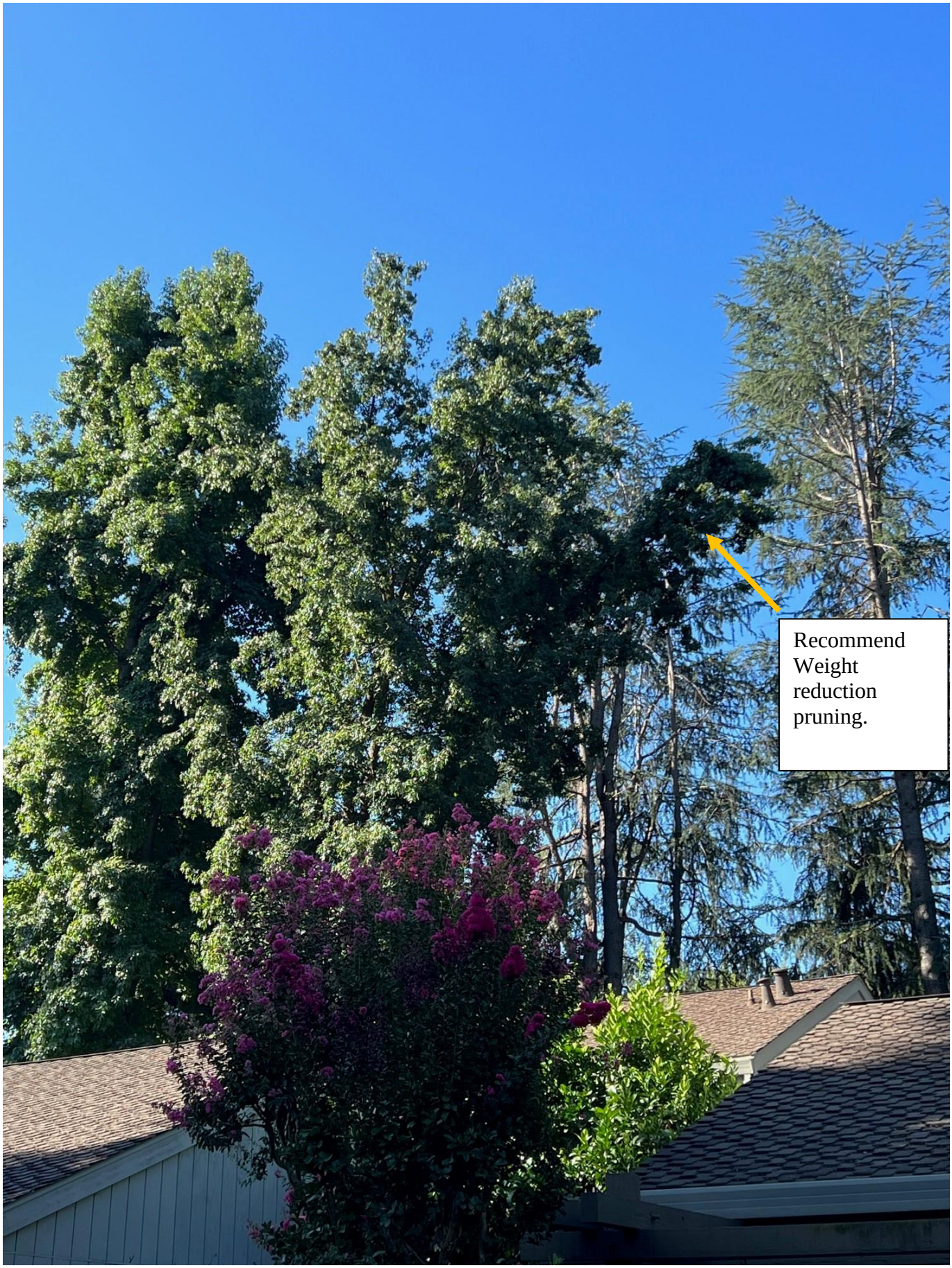

Figure 6

Figure 7

Figure 8

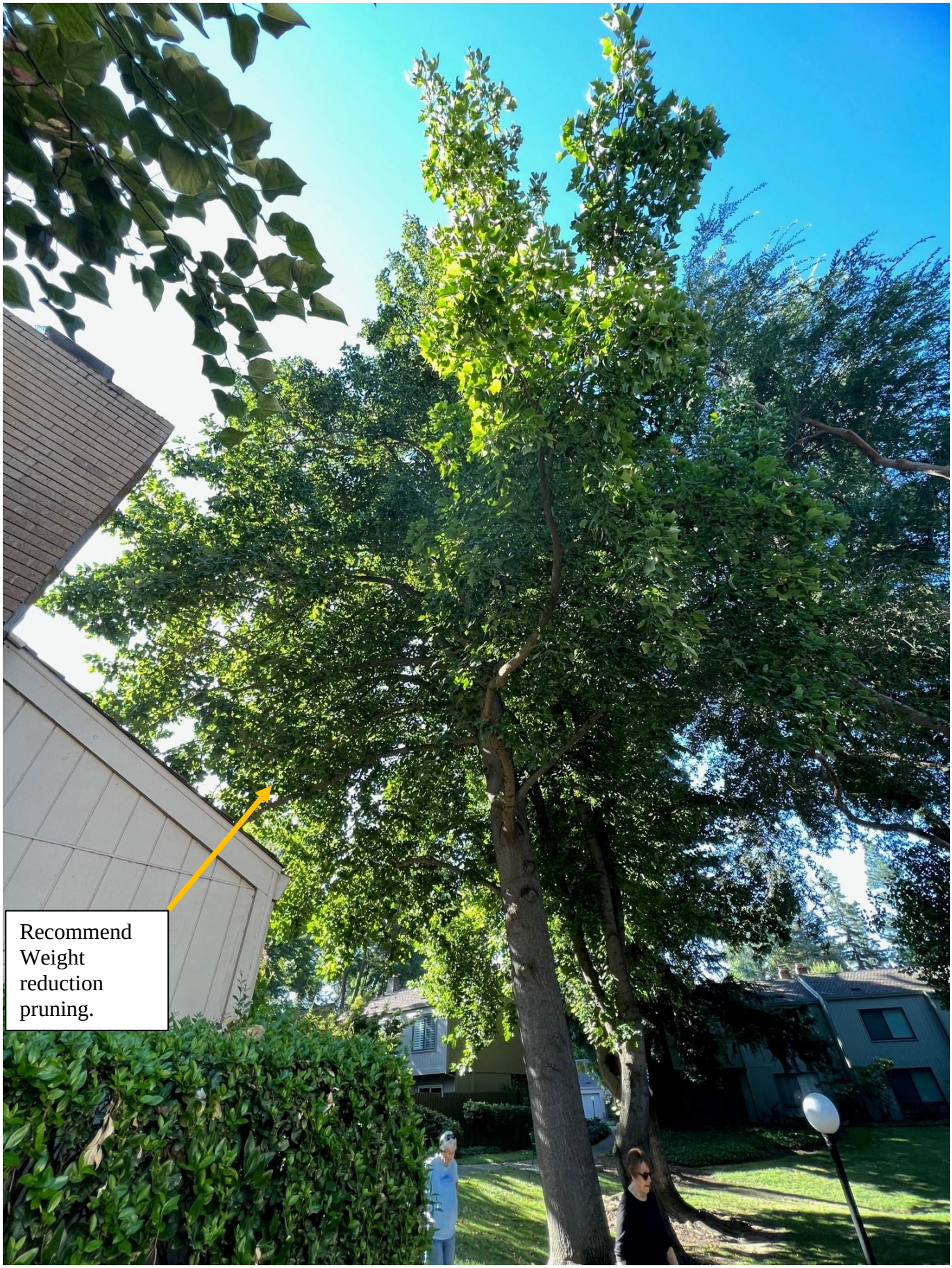

Figure 9

Figure 10

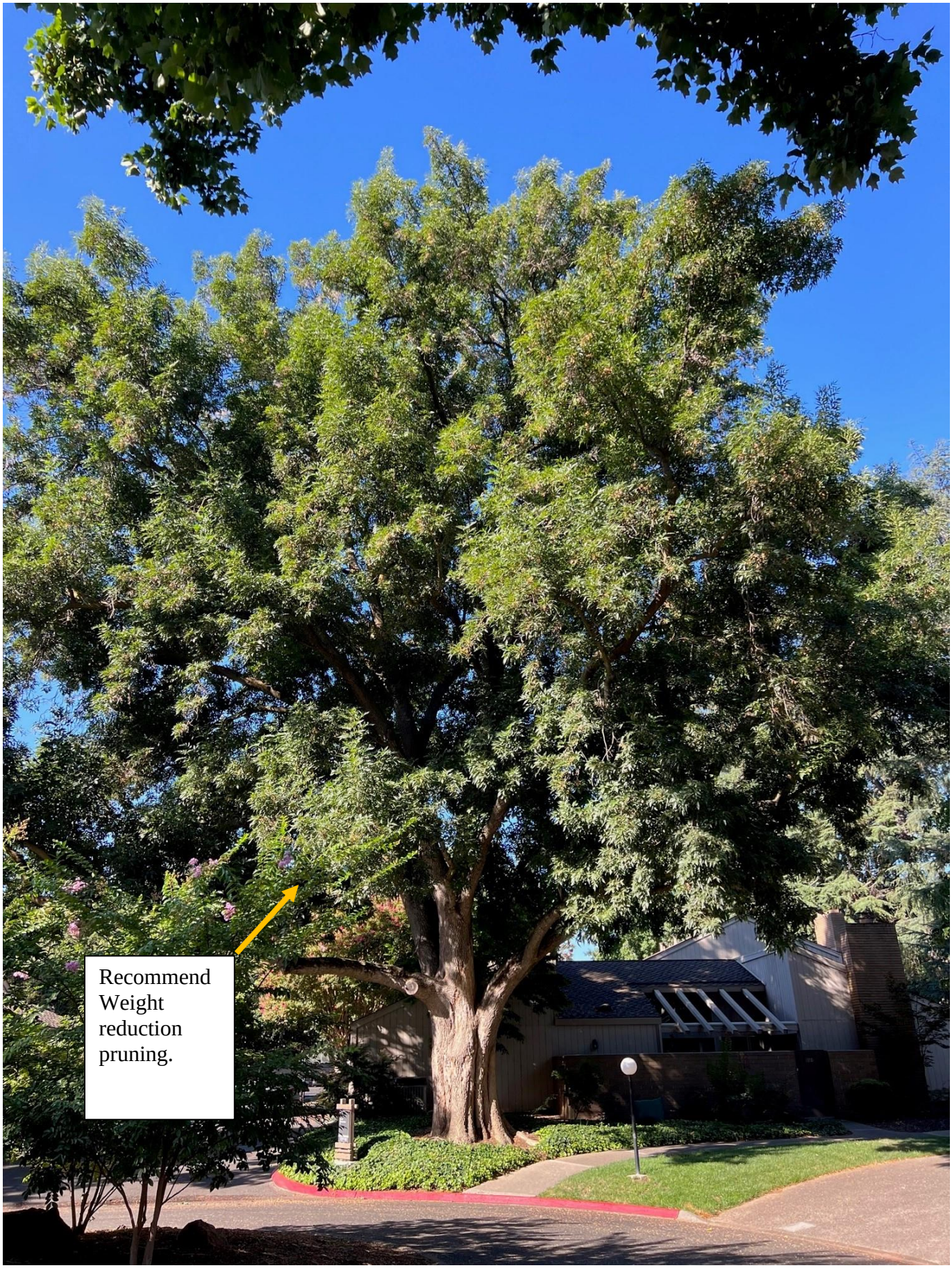

Figure 11

Figure 12

Figure 13


Pruning to remove the second stem to prevent co dominate stem.
Figure 14

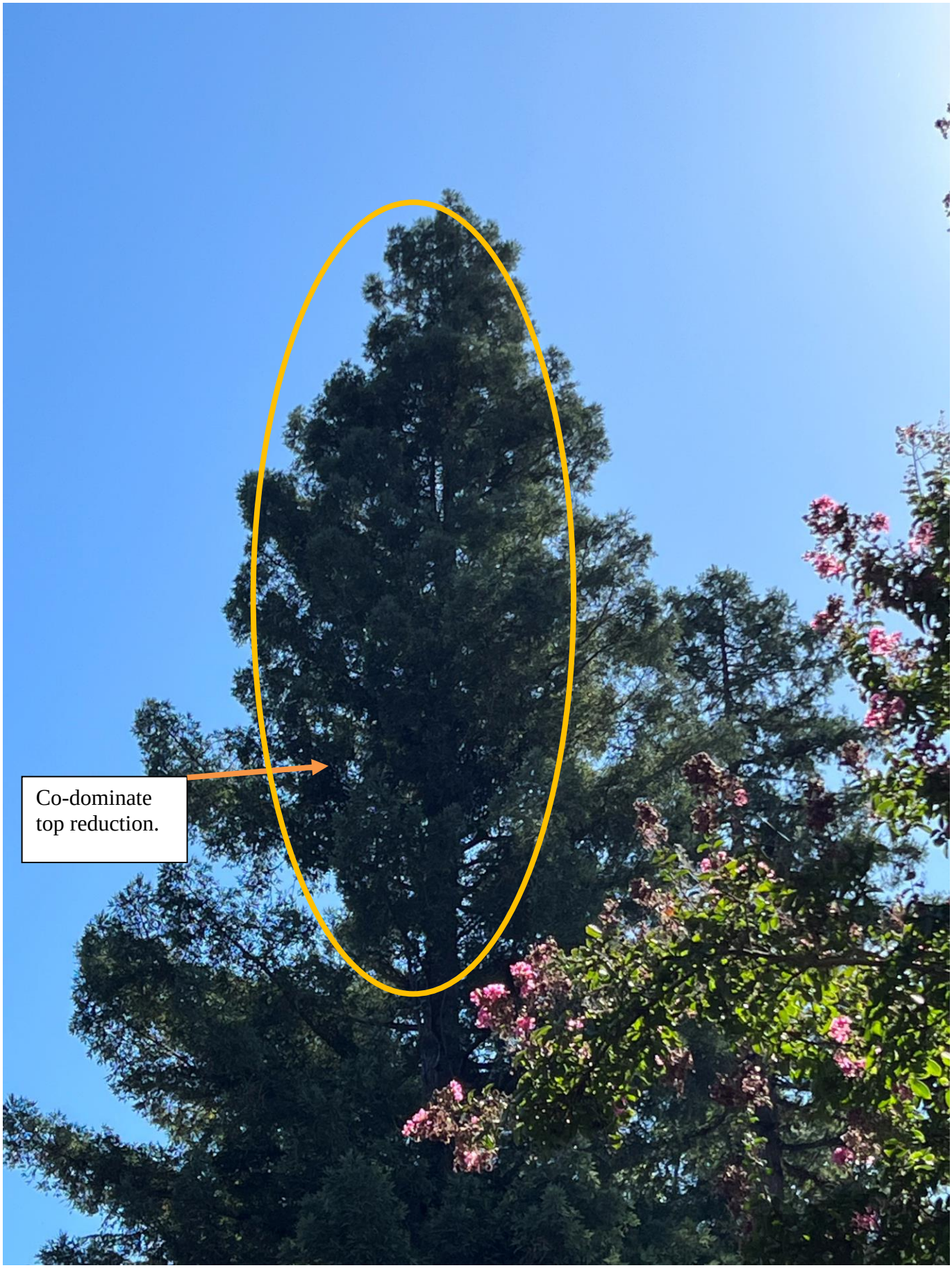

Figure 15

Figure 16

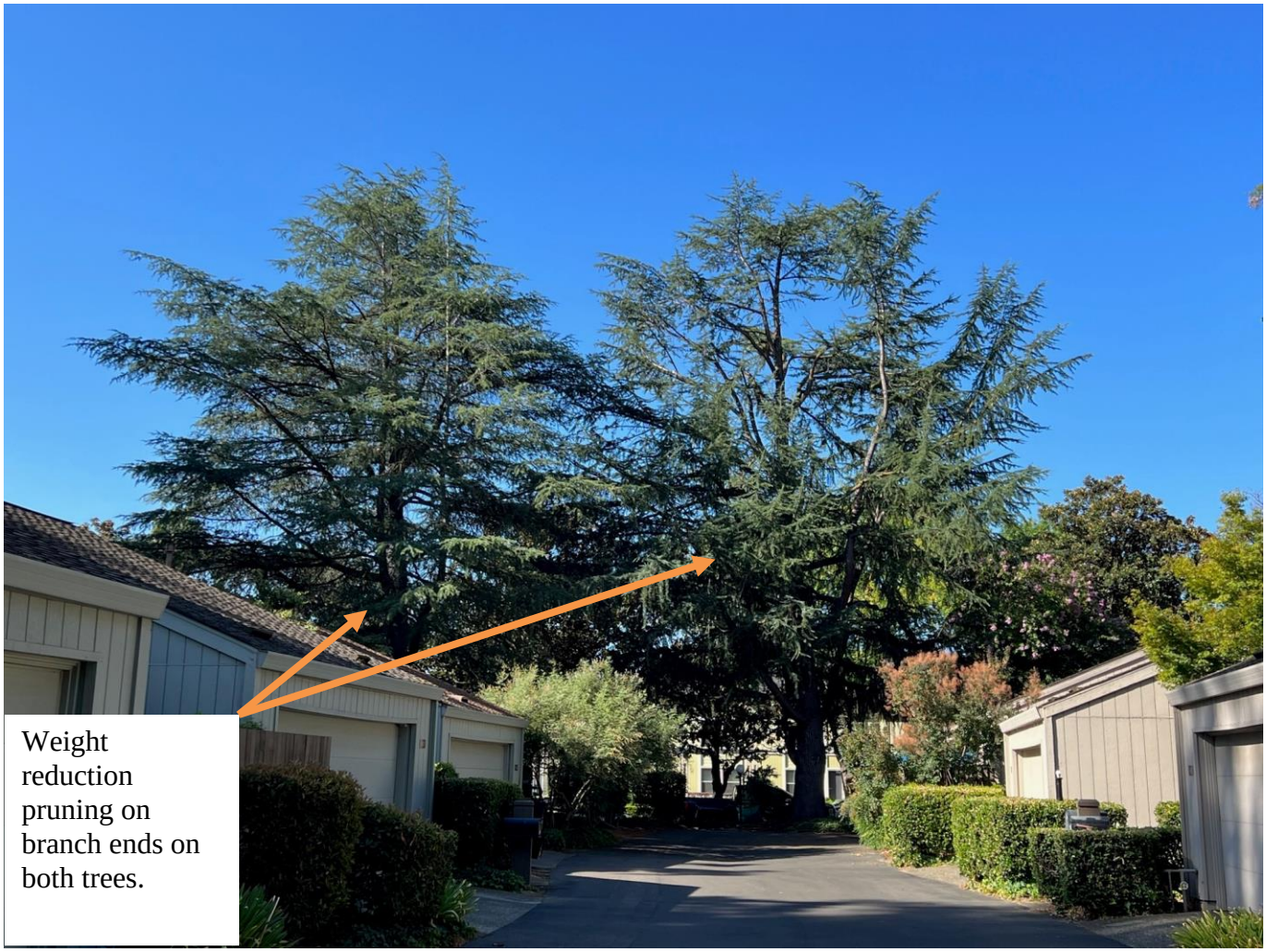

Figure 17

Figure 18

Figure 19

Figure 20

Figure 21

Figure 22

Figure 23

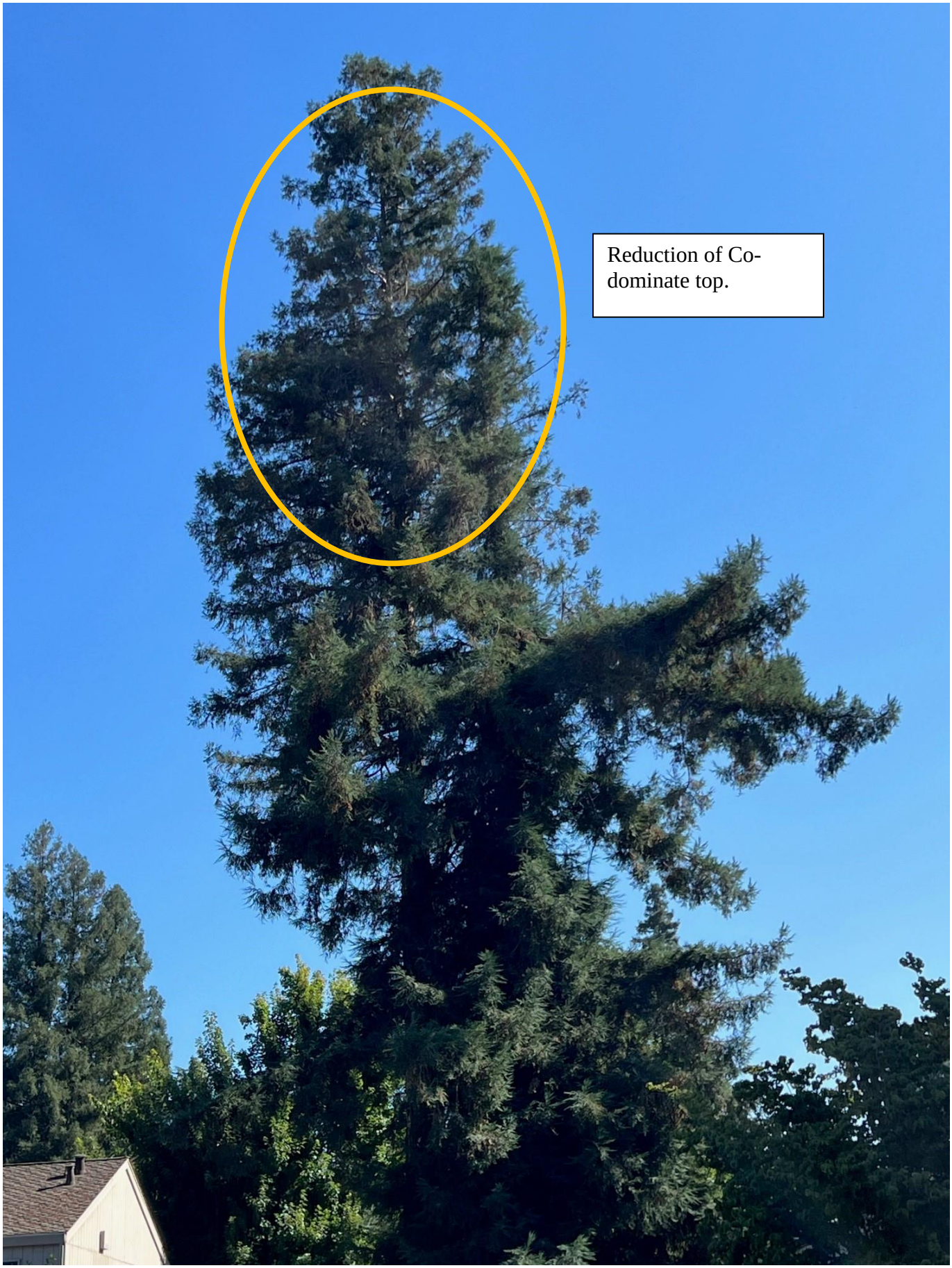

Figure 24

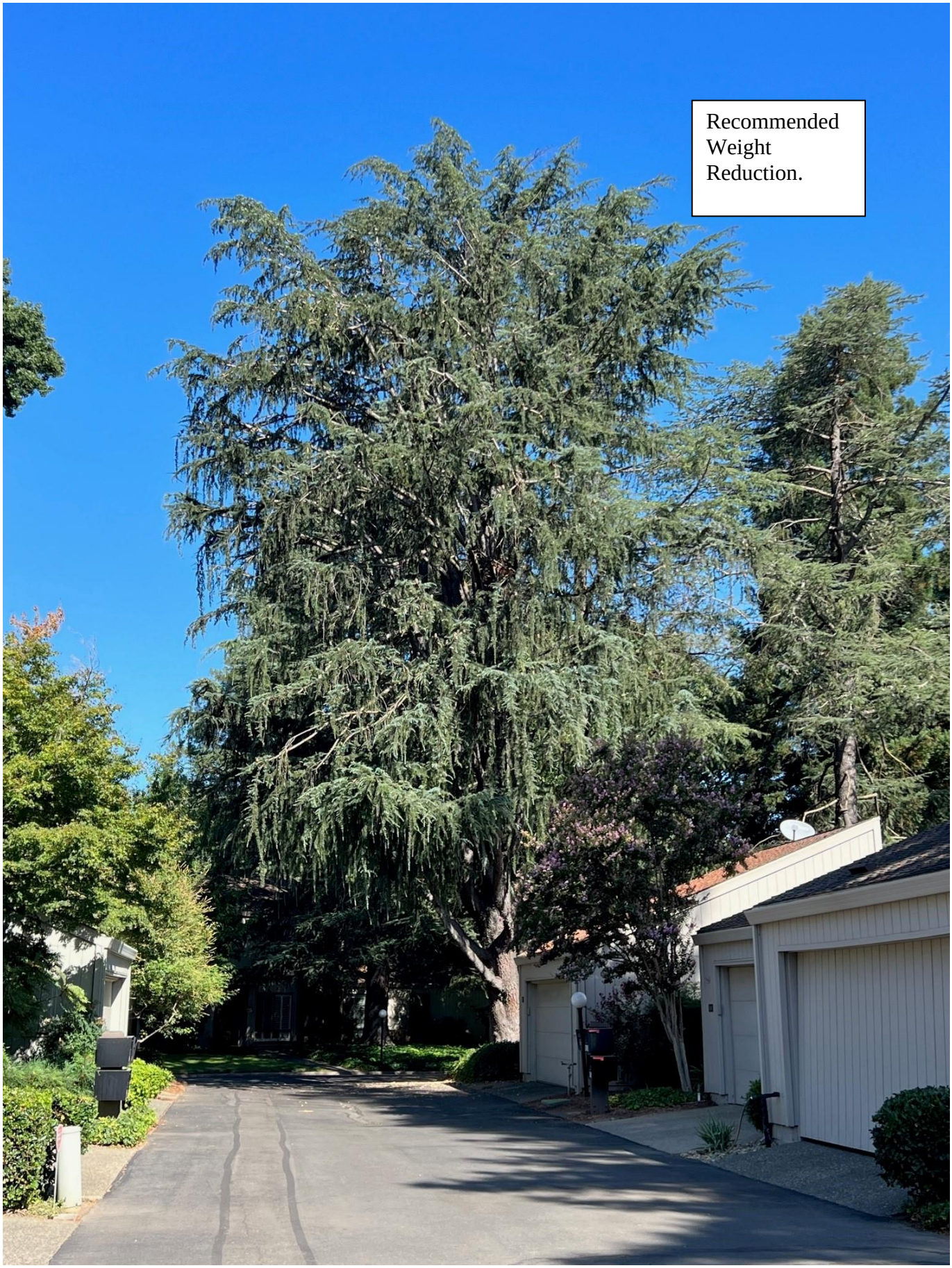

Figure 25

Figure 26

*This report is based on a basic visual inspection of the trees listed above. It is recommended that a more detailed evaluation of the trees be on a case-by-case basis at the request of the Nepenthe Association.

Sincerely,

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