

CITY OF CARMEL-BY-THE-SEA FOREST AND BEACH COMMISSION

Chair David Refuerzo, Commissioners Karen Ferlito, Mo Massoudi, Stephanie Locke, and Al Saroyan

All meetings are held in the City Council Chambers
East Side of Monte Verde Street
Between Ocean and 7th Avenues

REGULAR MEETING 3/9/2017 TOUR 2:30 p.m. MEETING 3:30 p.m.

CALL TO ORDER AND ROLL CALL

TOUR OF INSPECTION Shortly after 2:30 p.m. the Commission will leave the Council chamber for an on-site Tour of Inspection of all properties listed on the agenda (including those on the Consent Agenda). The tour may include projects previously approved by the City and not on this agenda. Prior to the beginning of the tour, the Commission may eliminate one or more on-site visits. The public is welcome to join the Commission on its tour. The Commission will return to the Council chamber at 3:30 p.m. or as soon thereafter as possible.

- 1. Tour of tree pruning on Forest Road, three southwest of Ocean Avenue.
- 2. Tour of tree and acacia removals in the North Dunes.

ROLL CALL

PLEDGE OF ALLEGIANCE

INTRODUCTION OF PUBLIC WORKS STAFF

Mike Tope – Coastal Gardener/Maintenance Worker Kimberly Moscato – Forest Care Worker

PUBLIC APPEARANCES Members of the public are entitled to speak on matters of municipal concern not on the agenda during Public Appearances. Each person's comments shall be limited to 3 minutes, or as otherwise established by the Commission. Matters not appearing on Commission's agenda will not receive action at this meeting but may be referred to staff for a future meeting. Persons are not required to give their names, but it is helpful for speakers to state their names so that they may be identified in the minutes of the meeting.

ANNOUNCEMENTS

A. Announcements from Chair and Commissioners

ORDERS OF BUSINESS Orders of Business are agenda items that require Commission discussion, debate, direction to staff, and/or action.

1. Discuss and ask questions on the Commission responsibilities under the Brown Act with City Attorney Don Freeman.

CONSENT AGENDA Items on the consent agenda are routine in nature and do not require discussion or independent action. Members of the Commission or the public may ask that any items be considered individually for purposes of Commission discussion and/ or for public comment. Unless that is done, one motion may be used to adopt all recommended actions.

2. Approval of the minutes for the 02/16/17 regular meeting.

PUBLIC HEARING

3. Consideration of an application to prune 5 coast live oak trees (15", 16", 10", 9", 6" diameter) on public property located on the west side of Forest Road, three south of Ocean Avenue.

ORDERS OF BUSINESS Orders of Business are agenda items that require Commission discussion, debate, direction to staff, and/or action.

- 4. Discussion of an Arbor Day event for 2017.
- 5. Receive the City Forester's Report
 - a. February tree data
 - b. Parks activities
 - c. Beach activities
 - d. Future agenda items
- 6. Receive the Public Works Director's Report
 - e. Updates on City Council items
 - f. Other items of interest to the Commission

FUTURE AGENDA ITEMS

ADJOURNMENT

This agenda was posted at City Hall located on Monte Verde Street between Ocean and 7th Avenues, Harrison Memorial Library located on the NE corner of Ocean Avenue and Lincoln Street, and the Carmel-by-the-Sea Post Office located on 5th Avenue between Dolores Street and San Carlos Street, and the City's webpage http://www.ci.carmel.ca.us/carmel/ on 3/3/2017 in accordance with the applicable legal requirements.

Michael Branson, City Forester

SUPPLEMENTAL MATERIAL RECEIVED AFTER THE POSTING OF THE AGENDA

Any supplemental writings or documents distributed to a majority of the Community Activities and Cultural Commission members regarding any item on this agenda, received after the posting of the agenda will be available for public review in the Public Works Department Office located on the east side of Junipero Avenue between Fourth and Fifth Avenues during normal business hours.

SPECIAL NOTICES TO PUBLIC

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk's Office at 831-620-2007 at least 48 hours prior to the meeting to ensure that reasonable arrangements can be made to provide accessibility to the meeting (28CFR 35.102-35.104 ADA Title II).

CHALLENGING DECISIONS OF CITY ENTITIES The time limit within which to commence any lawsuit or legal challenge to any quasi-adjudicative decision made by the City of Carmel-by-the-Sea is governed by Section 1094.6 of the Code of Civil Procedure, unless a shorter limitation period is specified by any other provision, including without limitation Government Code section 65009 applicable to many land use and zoning decisions, Government Code section 66499.37 applicable to the Subdivision Map Act, and Public Resources Code section 21167 applicable to the California Environmental Quality Act (CEQA). Under Section 1094.6, any lawsuit or legal challenge to any quasi-adjudicative decision made by the City must be filed no later than the 90th day following the date on which such decision becomes final. Any lawsuit or legal challenge, which is not filed within that 90-day period, will be barred. Government Code section 65009 and 66499.37, and Public Resources Code section 21167, impose shorter limitations periods and requirements, including timely service in addition to filing. If a person wishes to challenge the above actions in court, they may be limited to raising only those issues they or someone else raised at the meeting described in this notice, or in written correspondence delivered to the City of Carmel-by-the-Sea, at or prior to the meeting. In addition, judicial challenge may be limited or barred where the interested party has not sought and exhausted all available administrative remedies.

The next regular meeting is April 13, 2017

Tour of Inspection – as required

3:30 p.m. – Regular Agenda

CITY OF CARMEL-BY-THE-SEA FOREST AND BEACH COMMISSION –MINUTES REGULAR MEETING THURSDAY, FEBRUARY 16, 2017

CALL TO ORDER AND ROLL CALL

COMMISSION MEMBERS PRESENT: David Refuerzo – Chair

Stephanie Locke - Vice Chair

Mo Massoudi Al Sarovan

COMMISSION MEMBERS ABSENT: Karen Ferlito

STAFF PRESENT: Rob Mullane, AICP, Public Works Director

Mike Branson, City Forester

Matt Feisthamel, Assistant City Forester

Yvette Oblander, Commission Secretary/Admin Coordinator

ROLL CALL

Chair Refuerzo called the meeting to order at 3:30 PM

PLEDGE OF ALLEGIANCE

Members of the audience participated in the Pledge of Allegiance

INTRODUCTION TO PUBLIC WORKS STAFF

Both staff members were out of the office today. They will be rescheduled for a future meeting.

Mike Tope – Coastal Gardner/Maintenance Worker Kimberly Moscato – Forest Care Worker

PUBLIC APPEARANCES

1. Chris Thomas is proposing a petition to change Municipal Code 8.68, banning non-compostable take out materials at restaurants, hotels, and any food service provider in Carmel. He would like to educate the local community on options that would be better for the environment.

ANNOUNCEMENTS

No announcements from the Commissioners at this time

CONSENT AGENDA

1. Consideration of the minutes for January 12, 2017, Regular Meeting. Commissioner Massoudi moved to approve, seconded by Commissioner Saroyan.

AYES: Massoudi, Refuerzo, Saroyan

NOES: None ABSTAIN: None

ABSENT: Ferlito, Locke

ORDERS OF BUSINESS

2. Recognition of the Friends of Carmel Forest Centennial Tree Planting program.

Mr. Branson mentioned that Commissioner Ferlito would like to give recognition and appreciation to the Friends of Carmel Forest for the work they have put in this last year and Centennial year and the work they continue to do with planting trees, other support they provide to our forestry program. The Commission would like to thank Maria Sutherland, President of the Friends of Carmel Forest, and members Raymie Allard, and Steve Brooks.

Maria Sutherland said that it has been a great experience for them and they will continue to monitor the Centennial Trees that have been planted. Raymie Allard thanked the Commission for the opportunity to work with the program and was honored to be part of this program. Steve Brooks explained about their tree tagging and how they divided up inspections of the trees to see if there are any problems as far as watering or damage to the trees.

Chair Refuerzo and Commissioners Massoudi and Saroyan thanked everyone for their hard work and effort.

3. Discussion of an Arbor Day event for 2017

Mr. Branson talked about the starting process of planning an Arbor Day event for the City of Carmel-by-the-Sea. He recommend that Chair Refuerzo select an ad-hoc committee to work along with the staff to develop an event and select a date for the event. Commissioner Massoudi would like to be part of the ad-hoc committee. Chair Refuerzo will communicate with Commissioners Ferlito and Locke to see if they are interested in being on the committee. The Friends of Carmel Forest are also available to help and collaborate together with the Commissioners.

- 4. Receive the City Foresters Report
 - a. January tree data

Mr. Branson gave his update on the tree data for the month of January 2017.

b. Parks activities

MTNP gate is now opened and a small renovation to the children's playground was completed at the end of December. The North Dunes has had some weeds and iceplant removed.

c. Beach activities

Have had to have intermittent closures of some beach stairways due to high surf and high tides. Erosion of the beach at the foot of Ocean Avenue has been repaired.

(Vice Chair Locke arrived at the meeting at 4:15 PM)

d. Storm Report

Mr. Branson informed the Commission that the City is trying to anticipate and be ready for storm events that happen and be ready to act on things as we need to. The on-call tree services have been very helpful in responding to tree related emercencies.

e. Tree tagging report

Do not have an update at this time, other than reviewing applications that he has. They have made an adjustment or corrections to iWorq to make sure that it is giving them the information that they need. Mr. Branson hopes to come back in the next months meeting with more information.

f. Future agenda items

Nothing to report at the moment

- 5. Receive the Public Works Directors Report
 - a. Updates on City Council items

Nothing to report/Mr. Mullane did not attend the Council Meeting for February.

b. Other Items of interest to the Commission

Nearing the final stage of hiring the Environmental Compliance Manager, which may start in March. Human Resources has opened up a recruitment for two Project Managers, one limited term, and one regular position. Continuing to work with Maxine Gullo on getting an intern for the Public Works department. The ribbon cutting for the MTNP entrance project was great today. Mr. Branson headed that event.

ADJOURNMENT

Chair Refuerzo adjourned the meeting at 4:30 PM



CITY OF CARMEL-BY-THE-SEA

Forest and Beach Commission Staff Report

March 9, 2017 Public Hearing

TO: Forest and Beach Commissioners

FROM: Mike Branson, City Forester

SUBJECT: Consideration of an application for pruning public oak trees

RECOMMENDATION

Require the applicant to deposit an amount equal to the assed value of the five oak trees in a City deposit account that will be used to buy and plant new trees if any of the trees die within one year.

BACKGROUND / SUMMARY

On February 1, 2017 the City received a report of City trees being pruned in front of a construction site on the west side of Forest Road south of Ocean Avenue. Forestry staff responded and found no one at the location but could see that five (5) Coast Live Oaks in the public right-of-way had been pruned. Staff returned to the site the next day and spoke to a construction worker about the pruning. The worker admitted the trees had been pruned but was unaware the trees belonged to the City. Staff explained that working on City trees requires permission from the City and unauthorized work can be punished as specified in the Carmel-by-the-Sea Municipal Code.

Following internal staff discussions, the project was red-tagged by the code enforcement officer until an application was submitted and a hearing scheduled for the Forest and Beach Commission. During a meeting with forestry staff with the property owner, Stephen Seely of Carmel Development II LLC, and a representative from the project contractor, Hasting Construction, Mr. Seely took responsibility for ordering and directing the pruning.

Staff's assessment of the pruning is that the canopies of all five trees were over-thinned by the removal of an excessive amount of small branches and foliage. The pruning cuts were done appropriately and the trees were not pruned incorrectly aside from the over-thinning. The impact to the trees going forward is difficult to determine. The trees show some signs that they were stressed and in a stage of some decline, most likely from soil fungi and prolonged drought conditions, before the pruning occurred. A recent inspection shows new buds and leafs appearing which, if trees are not stressed any further, is an early indication the trees can recover. Full recovery from the over-thinning will take several years.

The Forest and Beach Commission has several options to address this violation as provided by the municipal code sections below:

12.28.185 Violation - Penalty for CMC 12.28.170, 12.28.172, 12.28.180 and 12.28.210.

A. It shall be unlawful for any person to violate any provision or fail to comply with any of the requirements of CMC 12.28.170, 12.28.172, 12.28.180 or 12.28.210. A violation of any of the provisions or failure to comply with

any of the mandatory requirements of such sections shall constitute an infraction. Any person convicted of an infraction under the provisions of such sections shall be punishable by fine only as follows: Upon a first conviction, by a fine not exceeding \$250.00, and for a second conviction or any subsequent conviction within a period of one year, by a fine not exceeding \$500.00.

B. Cutting, removing, or trimming of trees on public property without a permit shall be a misdemeanor.

C. In addition to the penalties provided for herein, any violation of such sections may be addressed by civil action. (Ord. 95-3 § 1, 1995; Ord. 88-13 § 4, 1988).

12.28.210 Suspension of Permit.

Removal of trees, pruning or root removal without a permit shall be grounds for suspension of any permits granted for construction or demolition for a period of up to 90 days, said period of time to be determined by the Director of Forest, Parks and Beach. During the suspension period, the property owner or her/his designee shall make application to the Forest and Beach Commission to obtain the necessary permit. Upon the review of the application, the Forest and Beach Commission:

A. May require replacement trees to be planted upon completion of construction;

B. May require an amount of money equal to the value of the lost tree(s) to be deposited in a deposit account to be used for reforestation;

C. May, in the event a tree is damaged on a construction or demolition site so as it may die within one year, require a sum of money equal to the tree's value to be deposited with the City in a deposit account for a period of time not exceeding one year. If the tree dies during that period, the money shall be used by the City for reforestation.

The tree's value shall be determined by Director of Forest, Parks and Beach using criteria established by the International Society of Arboriculture. (Ord. 95-3 § 1, 1995; Ord. 91-18 § 1, 1991; Ord. 88-13 § 3, 1988; Ord. 236 C. S. § 1, 1971; Code 1975 § 1232.04).

Since the trees were not destroyed by the pruning and the project owner said there was no malicious intent to harm the trees, staff does not think a misdemeanor citation is appropriate. An infraction citation would result in one-time fine of \$250 if convicted. The extended red-tag may be a more significant detrimental impact to the construction project and is well justified to impart the significance of the unauthorized pruning onto the owner and contractor.

Staff recommends implementing the provision in 12.28.210 (C) that requires the applicant to deposit funds equal to the assessed value of the individual trees into a deposit account the allow replanting of a tree if it dies within one year.

Staff has appraised the following values for each of the five oak trees:

Tree #1 – 15" diameter coast live oak - \$7,000

Tree #2 – 16" diameter coast live oak - \$7,900

Tree #3 – 10" diameter coast live oak - \$ 2,100

Tree #4 – 9" diameter coast live oak - \$ 1,700

Tree #5 – 6" diameter coast live oak - \$ 620

Total: \$19,320

ATTACHMENT

- 1. Photos of the trees.
- Seely application
 Tree appraisal worksheets











CITY OF CARMEL -BY-THE-SEA

Date Received 4:15.14

o pranig.
Reason for removal or principal
Number, size and species of root(s) to be removed:
Number, size and species of limb(s) to be removed: 32 - INCH OAK / 15 - 2 INCH OAK
Number, size and species of tree(s) to be removed: O
ARE ON CITY OR PRIVATE PROPERTY
Phone #: (125) 819 - 9480 Phone #: RECEIVED
CARREL (A 93928)
Mailing Address: 1.8. 50x 276 Mailing Address: CARMEL DEVELOPMENT II, LIC
Name of Property Owner: Name of Applicant/Contractor: Steel But SEE/1
APN:
wallion of property: J JW OF OFFAN SON GON GON GON OF ONE
TOPES!

Commission to act on your absence by signing on the following line: You will be notified in writing the date and time that your request is scheduled for a hearing. If you or your representative is unable to attend the hearing your application will be tabled. You may reschedule by contacting the Secretary to the Forest and Beach Commission at (831) 620-2070. You may waive your right to speak at the hearing and authorize the Forest Beach

A SITE PLAN MUST ACCOMPANY THIS APPLICATION AND SHOW THE FOLLOWING:) Location, size and species of ALL trees on the lot.

- Location and species of tree(s) /llmb(s) to be removed or pruned
- Existing and proposed site coverage.
- ALL areas that are to remain for landscaping and the total square feet of open space.

 Location of areas for tree replanting: The City has adopted Design Review Guidelines which include a minimum tree density per lot. Please review the attached Policy and Indicate on the site plan where you intend to plant trees necessary to comply
- Will excavation other than standard footings be required as part of your construction? NO | /YES|
- Any decision of the Forest and Beach Commission is based on information submitted with this application. If YES, you MUST show the area of cut, its depth and total cubic yards to be removed.
- changes, another application for a tree permit is required. In order to properly consider your application it is necessary that the footprint of your purposed construction be clearly defined Commission is based on information submitted with this application. If the design is altered or the location of the structure on the lot and height poles are installed prior to the Commission's Tour of inspection. Any decision of the Forest and Beach
- NO WORK IS PERMITTED until you have picked up your permit for tree work-The Permit must be posted on the job site when work is being performed.

	G-11-101 CWINGIS.	Agent for Owners	Owner's Sinnature
INCOMPLETE APPLICATIONS WILL BE RETURNED		300	K.
TURNED	Date	Date: 4/16/17	

CARMEL DEVELOPMENT II, LLC

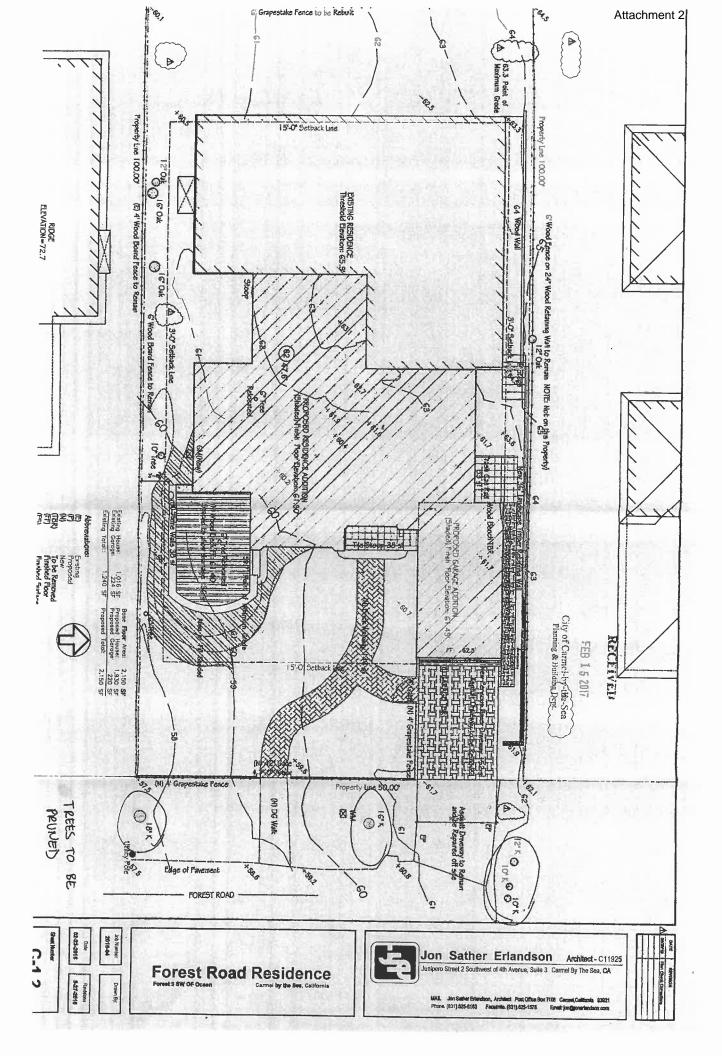
STEPHEN R. SEELY

Sunstar Properties, Inc. Manager/Member

P.O. Box 2776 CARMEL, CA 93921

CELL (925) 899-9480 FAX (831) 626-8400 srseely@aol.com

Ben Hastings Construction 521-8752



Paid By.: CARMEL DEVELOPMENT	Check # Check Amount	PRIVATE TR	K	2 achment 2 Afebruary 16, 2017 Thursday 9:19 am By: MARTY
ELOPMENT	Cash Amt Tendered Total Paid Change	REMOVA	Amou	**************************************

Trunk Formula Method Work Sheet



Case # Property W/Fores 3	South Dum Date 3/1/17
Appraiser Mike Branson	
Field Observations	
1. Species Count Live onk	
2. Condition 78 %	
3. Trunk Circumference in./cm	Diameter 5 in./cm
4. Location % = [Site \ \infty \% + Contribu \ \ddot 3 = \ \infty \%	
Regional Plant Appraisal Committee and or -Modified Information	Vor Appraiser-Developed
5. Species rating	90 %
6. Replacement Tree Size (diameter) (Trunk Area) 1.09 in²/cm² TA _R	1.63 in./cm
7. Replacement Tree Cost (see Regional Information to use Cost	\$ <u>172.73</u> t selected)
8. Installation Cost	\$ 172.73
9. Installed Tree Cost (#7 + #8)	\$ 345 46
10. Unit Tree Cost (see Regional Information to use Cost	\$_
Calculations by Appraiser using Field an	ed Regional Information
11. Appraised Trunk Area: (TA _A or ATA _A ; use Tables 4.4–4.7) or c^2 (#3) × 0.08 or d^2 (#3) × 0.785	$= 177 in^2/cm^2$
12. Appraised Tree Trunk Increase (TA TA _A or ATA _A in²/cm² (#11) – TA _R	A_{INCR}) =in ² /cm ² (#6) =in ² /cm ²
	_in ² /cm ² × Unit Tree Cost (#10) \$ 💆 💆 🕏
14. Appraised Value = Basic Tree Cost (#5) \(\frac{\psi}{2} \) \(\times \) Condition (#2) \(\frac{\psi}{2} \) \(\times \) Locate	(#13) \$ 14 8 3 9 × Species rating tion (#4) \$ 1 % = \$ 1
15. If the Appraised Value is \$5,000 or mois less, round to the nearest \$10.	
16. Appraised Value = (#14) \$ 7,000	_
Items 5 through 10 are determined by the Region Wholesale Replacement Tree Cost, the Reta Installed Tree Cost (#9) divided by the Replacement Tree Cost (#10), or it can be set by the	il Replacement Tree Cost, or the cement Tree Size (#6) can be used for

Tree #1 - 15" count live sale

Condition

The Condition of a plant is determined by evaluating its present structure and health and, if necessary, its structure and health before being destroyed or damaged. It may be necessary to climb a tree to be able to properly evaluate its health as well as its structure. If the structure of a tree is questionable, its proximity to a target can be important in rating tree structure. Roots, trunk, and scaffold branches are evaluated both for structure and for health, while small branches, twigs, and foliage and/or buds are rated only for health.

The scoring system both for structure and for health is

No apparent problems	4
Minor problems	3
Major problems	2
Extreme problems	1

Guide to judging plant Condition. [Table 4.3 from the Guide]

Factor 1: Roots*

(A root collar inspection may be warranted.)

Root anchorage

Collar/flare soundness

Mechanical injury

Girdling/kinked roots

Compaction/waterlogged roots

Toxic gases/chemical symptoms

Presence of insects or disease

Mushrooms (may need to interview owner)

3+	3	=	6
Structure +	Health	=	Subtotal
(1-4)	(1-4)		(2-8)

Factor 2: Trunk*

(Core sampling or climbing may be needed and/or warranted to inspect the trunk.)

Sound bark and wood

Cavities

Mechanical or fire injury

Cracks (frost or other)

Swollen or sunken areas

Presence of insects or disease

Conks

$$\frac{4}{\text{Structure} + \text{Health}} = \frac{2}{\text{Subtotal}}$$

$$(1-4) \quad (1-4) \quad (2-8)$$

Factor 3: Scaffold Branches*

(Climbing the tree may be warranted to inspect

the branches.)

Strong attachments

Smaller diameter than trunk where attached

Vertical branch distribution

Free of included bark

Free of decay and cavities

Well pruned

Well-proportioned/proper taper

Wound closure

Deadwood or fire injury

Insects or disease

$$\frac{4}{\text{Structure} + \text{Health}} = \frac{7}{\text{Subtotal}}$$

$$\frac{(1-4)}{(1-4)} = \frac{7}{(2-8)}$$

Factor 4: Small Branches and Twigs Vigor of current shoots (compare previous growth) Well distributed through canopy Appearance of buds (color, shape, size for the species) Presence of insects or disease Presence of weak or dead twigs	Health Subtotal (1-4)
Factor 5: Foliage and/or Buds Size of foliage/buds Coloration of foliage	
Nutrient status Herbicide, chemical, pollution injury Wilted or dead leaves Dry buds Presence of insects or disease	Health Subtotal
Total subtotal points assessed for the five Factors	2.5 (8-32)
Divide subtotal points by 32 (total points possible) and multiply by 100 to obtain the Condition rating	(25–100)

^{*}As explained in the text, both structure and health items are to be rated for the roots, the trunk, and the scaffold branches. Rating roots, trunk, and scaffold branches for both structure and health gives them the necessary importance in the **Condition** rating. Small branches and twigs, and foliage and/or buds, are rated only for health.

Location

The Location rating considers the Site of a property, the plant's functional and aesthetic Contributions, and the Placement of the plant in the landscape.

Site

The rating of a **Site** is expressed on a percentage basis (10 to 100 percent) in relation to its relative market value compared to other sites in the area or region and the quality and general appearance of the **Site** in which the appraised plant is located.

Contribution

The functional (F) and aesthetic (A) Contributions of a plant determine its value in landscape. Tree characteristics largely determine these Contributions and a plant's rating (see table, next page). These benefits are affected by plant size, shape, branch structure, and foliage density and distribution.

Placement

The **Placement** of a plant being appraised largely determines how effective it is in providing its functional and aesthetic attributes. For example, a single specimen tree has greater value than would the same tree as one of many. The **Placement** of a tree can also have an unfavorable effect on its **Contribution**, such as proximity to overhead wires, street lights, or buildings.

Location determination

Average the Site, Contribution, and Placement ratings to determine the Location rating. For example, the ratings for a tree are

Site 60% + Contribution 80% + Placement 85% = 225% $225\% \div 3 = 75\%$ Location rating

	Trunk	Formula	Method	Work	Sheet
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Case # See Property W/Forest 3 South OwnDate 3/1/7 Field Observations 1. Species Louist live 2. Condition 3. Trunk Circumference _____ in./cm Diameter ____ in./cm 4. Location % = [Site 70 % + Contribution 70 % + Placement 60 %] ÷ 3 = % Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information 5. Species rating 6. Replacement Tree Size (diameter) (Trunk Area) Z P in²/cm² TA_R 7. Replacement Tree Cost (see Regional Information to use Cost selected) 8. Installation Cost 9. Installed Tree Cost (#7 + #8) 10. Unit Tree Cost (see Regional Information to use Cost selected) Calculations by Appraiser using Field and Regional Information 11. Appraised Trunk Area: $(TA_A \text{ or } ATA_A; \text{ use Tables } 4.4-4.7)$ or c^2 (#3) ____ × 0.08 $= 20 / in^2/cm^2$ or d^2 (#3) $\times 0.785$ 12. Appraised Tree Trunk Increase $(TA_{INCR}) =$

 TA_A or ATA_A 201 in 2/cm² (#11) – TA_R 1.54 in 2/cm² (#6) = ATA_A in 2/cm²

- 13. Basic Tree Cost = TA_{INCR} (#12) in²/cm² × Unit Tree Cost (#10) \$ per in²/cm² + Installed Tree Cost (#9) \$ = \$ 100
- 14. Appraised Value = Basic Tree Cost (#13) \$ 16 \$ 19 × Species rating $(#5)^{1}\% \times \text{Condition} (#2)^{1}\% \times \text{Location} (#4)^{1}\% = 791
- 15. If the Appraised Value is \$5,000 or more, round it to the nearest \$100; if it is less, round to the nearest \$10.
- 16. Appraised Value = (#14) \$ 7400

Items 5 through 10 are determined by the Regional Plant Appraisal Committee. The Wholesale Replacement Tree Cost, the Retail Replacement Tree Cost, or the Installed Tree Cost (#9) divided by the Replacement Tree Size (#6) can be used for the Unit Tree Cost (#10), or it can be set by the Regional Plant Appraisal Committee.

Tree #2 16 count to out

Condition

The Condition of a plant is determined by evaluating its present structure and health and, if necessary, its structure and health before being destroyed or damaged. It may be necessary to climb a tree to be able to properly evaluate its health as well as its structure. If the structure of a tree is questionable, its proximity to a target can be important in rating tree structure. Roots, trunk, and scaffold branches are evaluated both for structure and for health, while small branches, twigs, and foliage and/or buds are rated only for health.

The scoring system both for structure and for health is

No apparent problems	4
Minor problems	3
Major problems	2
Extreme problems	1

Guide to judging plant Condition. [Table 4.3 from the Guide]

Factor 1: Roots* (A root collar inspection may be warranted.)

Root anchorage

Collar/flare soundness

Mechanical injury Girdling/kinked roots

Compaction/waterlogged roots

Toxic gases/chemical symptoms Presence of insects or disease

Mushrooms (may need to interview owner)

$$\frac{3}{\text{Structure}} + \frac{3}{\text{Health}} = \frac{6}{\text{Subtotal}}$$

$$\frac{(1-4)}{(1-4)} + \frac{3}{(1-4)} = \frac{6}{(2-8)}$$

Factor 2: Trunk*

(Core sampling or climbing may be needed and/or warranted to inspect the trunk.)

Sound bark and wood

Cavities

Mechanical or fire injury

Cracks (frost or other) Swollen or sunken areas

Presence of insects or disease

Conks

Factor 3: Scaffold Branches*

(Climbing the tree may be warranted to inspect

the branches.)

Strong attachments

Smaller diameter than trunk where attached

Vertical branch distribution

Free of included bark

Free of decay and cavities

Well pruned

Well-proportioned/proper taper

Wound closure

Deadwood or fire injury

Insects or disease

$$\frac{4}{\text{Structure}} + \frac{3}{\text{Health}} = \frac{7}{\text{Subtotal}}$$

$$\frac{(1-4)}{(1-4)} = \frac{7}{(2-8)}$$

Factor 4: Small Branches and Twigs Vigor of current shoots (compare previous growth) Well distributed through canopy Appearance of buds (color, shape, size for the species) Presence of insects or disease Presence of weak or dead twigs	Health Subtotal (1–4)
Factor 5: Foliage and/or Buds Size of foliage/buds Coloration of foliage Nutrient status Herbicide, chemical, pollution injury Wilted or dead leaves Dry buds	Health Subtotal
Presence of insects or disease	(1-4)
Total subtotal points assessed for the five Factors	(8-32)
Divide subtotal points by 32 (total points possible) and multiply by 100 to obtain the Condition rating	(25–100)
*As explained in the text, both structure and health items are to be rather trunk, and the scaffold branches. Rating roots, trunk, and scaffold	ated for the roots, branches for both

Location

The Location rating considers the Site of a property, the plant's functional and aesthetic Contributions, and the Placement of the plant in the landscape.

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branches and twigs, and foliage and/or buds, are rated only for health.

Site

The rating of a **Site** is expressed on a percentage basis (10 to 100 percent) in relation to its relative market value compared to other sites in the area or region and the quality and general appearance of the **Site** in which the appraised plant is located.

Contribution

The functional (F) and aesthetic (A) Contributions of a plant determine its value in landscape. Tree characteristics largely determine these Contributions and a plant's rating (see table, next page). These benefits are affected by plant size, shape, branch structure, and foliage density and distribution.

Placement

The **Placement** of a plant being appraised largely determines how effective it is in providing its functional and aesthetic attributes. For example, a single specimen tree has greater value than would the same tree as one of many. The **Placement** of a tree can also have an unfavorable effect on its **Contribution**, such as proximity to overhead wires, street lights, or buildings.

Location determination

Average the Site, Contribution, and Placement ratings to determine the Location rating. For example, the ratings for a tree are

Site 60% + Contribution 80% + Placement 85% = 225% $225\% \div 3 = 75\%$ Location rating

Trunk Formula Method Work Sheet

Tree #3

Case # 2 Property W Forest 3 Appraiser Mus Scarson	South DromDate 3/1/17
Appraiser Mla Branson	
Field Observations	
1. Species Coast Car hak	
2. Condition 69 %	
3. Trunk Circumferencein./cm	Diameter
4. Location % = [Site <u>6</u>	tion 50% + Placement 40%]
Regional Plant Appraisal Committee and or -Modified Information	d/or Appraiser-Developed
5. Species rating	<u>90</u> %
6. Replacement Tree Size (diameter) (Trunk Area) in ² /cm ² TA _R	
7. Replacement Tree Cost (see Regional Information to use Cos	\$
8. Installation Cost	\$ 172.73
9. Installed Tree Cost (#7 + #8)	\$ 345.46
10. Unit Tree Cost (see Regional Information to use Cos)	\$\frac{\beta_2.32}{2}\text{ per in}^2/cm^2\text{t selected}
Calculations by Appraiser using Field an	nd Regional Information
11. Appraised Trunk Area: (TA _A or ATA _A ; use Tables 4.4–4.7) or c^2 (#3) × 0.08 or d^2 (#3) × 0.785	$= \frac{70}{\text{in}^2/\text{cm}^2}$
12. Appraised Tree Trunk Increase (TA TA _A or ATA _A in²/cm² (#11) – TA _R	in^2/cm^2 (#6) = $11in^2/cm^2$
13. Basic Tree Cost = TA _{INCR} (#12) per in ² /cm ² + Installed Tree Cost (#9)	$_{\rm in^2/cm^2} \times $ Unit Tree Cost (#10) \$ 32.32 \$ 345.4 = \$ 616
14. Appraised Value = Basic Tree Cost (#5) \(\sqrt{\frac{1}{2}} \times \times \text{Condition (#2)} \(\sqrt{\frac{1}{2}} \times \times \text{Local} \)	(#13) \$ Species rating
15. If the Appraised Value is \$5,000 or mois less, round to the nearest \$10.	ore, round it to the nearest \$100; if it
16. Appraised Value = (#14) \$ 2 0 0	_
Items 5 through 10 are determined by the Regio Wholesale Replacement Tree Cost, the Reta Installed Tree Cost (#9) divided by the Repla the Unit Tree Cost (#10), or it can be set by the	il Replacement Tree Cost, or the cement Tree Size (#6) can be used for

Tree & 3 10" const the oak

Condition

The Condition of a plant is determined by evaluating its present structure and health and, if necessary, its structure and health before being destroyed or damaged. It may be necessary to climb a tree to be able to properly evaluate its health as well as its structure. If the structure of a tree is questionable, its proximity to a target can be important in rating tree structure. Roots, trunk, and scaffold branches are evaluated both for structure and for health, while small branches, twigs, and foliage and/or buds are rated only for health.

The scoring system both for structure and for health is

No apparent problems	4
Minor problems	3
Major problems	2

Major problems 2 Extreme problems 1

Guide to judging plant Condition. [Table 4.3 from the Guide]

Factor 1: Roots*

(A root collar inspection may be warranted.)

Root anchorage

Collar/flare soundness

Mechanical injury

Girdling/kinked roots

Compaction/waterlogged roots

Toxic gases/chemical symptoms Presence of insects or disease

Mushrooms (may need to interview owner)

 $\begin{array}{cccc}
 & + & = & \\
\hline
Structure + Health = Subtotal \\
 & (1-4) & (1-4) & (2-8)
\end{array}$

Factor 2: Trunk*

(Core sampling or climbing may be needed and/or warranted to inspect the trunk.)

Sound bark and wood

Cavities

Mechanical or fire injury

Cracks (frost or other)

Swollen or sunken areas

Presence of insects or disease

Conks

_3 +	40.5	=	6
Structure + (1-4)	Health (1–4)	=	Subtotal (2–8)

Factor 3: Scaffold Branches*

(Climbing the tree may be warranted to inspect

the branches.)

Strong attachments

Smaller diameter than trunk where attached

Vertical branch distribution

Free of included bark

Free of decay and cavities

Well pruned

Well-proportioned/proper taper

Wound closure

Deadwood or fire injury

Insects or disease

$$\frac{+}{\text{Structure} + \text{Health}} = \frac{1}{\text{Subtotal}}$$

$$\frac{(1-4)}{(1-4)} = \frac{1}{(2-8)}$$

Factor 4: Small Branches and Twigs Vigor of current shoots (compare previous growth) Well distributed through canopy Appearance of buds (color, shape, size for the species) Presence of insects or disease Presence of weak or dead twigs	Z Health Subtotal (1–4)
Factor 5: Foliage and/or Buds Size of foliage/buds Coloration of foliage Nutrient status Herbicide, chemical, pollution injury	
Wilted or dead leaves Dry buds Presence of insects or disease	Health Subtotal (1-4)
Total subtotal points assessed for the five Factors	22 (8–32)
Divide subtotal points by 32 (total points possible) and multiply by 100 to obtain the Condition rating	(25-100)
*As explained in the text, both structure and health items are to be r the trunk, and the scaffold branches. Rating roots, trunk, and scaffold	ated for the roots, branches for both

Location

The Location rating considers the Site of a property, the plant's functional and aesthetic Contributions, and the Placement of the plant in the landscape.

structure and health gives them the necessary importance in the Condition rating. Small

branches and twigs, and foliage and/or buds, are rated only for health.

Site

The rating of a **Site** is expressed on a percentage basis (10 to 100 percent) in relation to its relative market value compared to other sites in the area or region and the quality and general appearance of the **Site** in which the appraised plant is located.

Contribution

The functional (F) and aesthetic (A) Contributions of a plant determine its value in landscape. Tree characteristics largely determine these Contributions and a plant's rating (see table, next page). These benefits are affected by plant size, shape, branch structure, and foliage density and distribution.

Placement

The **Placement** of a plant being appraised largely determines how effective it is in providing its functional and aesthetic attributes. For example, a single specimen tree has greater value than would the same tree as one of many. The **Placement** of a tree can also have an unfavorable effect on its **Contribution**, such as proximity to overhead wires, street lights, or buildings.

Location determination

Average the Site, Contribution, and Placement ratings to determine the Location rating. For example, the ratings for a tree are

Site 60% + Contribution 80% + Placement 85% = 225% $225\% \div 3 = 75\%$ Location rating

Trunk Formula Method Work Sheet

Tra 44

Case # 22 Property W/ Forest 3	Susta Daca Date 3/1/19
Appraiser Mile Branson	(
Field Observations	
1. Species Coas lyc onk	
2. Condition 69 %	
3. Trunk Circumferencein./cm	Diameter 4 in./cm
4. Location % = [Site <u>60</u> % + Contribu ÷ 3 = <u>50</u> %	
Regional Plant Appraisal Committee and or -Modified Information	l/or Appraiser-Developed
5. Species rating	90_%
6. Replacement Tree Size (diameter) (Trunk Area) 2.09 in ² /cm ² TA _R	in./cm
7. Replacement Tree Cost (see Regional Information to use Cost	\$
8. Installation Cost	\$ 172.73
9. Installed Tree Cost (#7 + #8)	\$ 345.46
10. Unit Tree Cost (see Regional Information to use Cos t	\$ <u>52.62</u> per in ² /cm ² selected)
Calculations by Appraiser using Field an	nd Regional Information
11. Appraised Trunk Area:	
(TA _A or ATA _A ; use Tables 4.4–4.7) or c^2 (#3) × 0.08 or d^2 (#3) × 0.785	$= 10^{14} \text{ in}^2/\text{cm}^2$
12. Appraised Tree Trunk Increase (TATAA or ATAA in in 2/cm² (#11) – TAR2	
13. Basic Tree Cost = TA _{INCR} (#12) 63 per in ² /cm ² + Installed Tree Cost (#9)	in ² /cm ² × Unit Tree Cost (#10) \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
14. Appraised Value = Basic Tree Cost (#5) %× Condition (#2) %× Loca	(#13) \$ 5 4 6 0 × Species rating tion (#4) 5 0 % = \$ 170
15. If the Appraised Value is \$5,000 or mois less, round to the nearest \$10.	ore, round it to the nearest \$100; if it
16. Appraised Value = (#14) \$ 17 00	_
Items 5 through 10 are determined by the Regio Wholesale Replacement Tree Cost, the Reta Installed Tree Cost (#9) divided by the Repla the Unit Tree Cost (#10), or it can be set by the	il Replacement Tree Cost, or the cement Tree Size (#6) can be used for

Tree # 4 9 was live vak

Condition

The Condition of a plant is determined by evaluating its present structure and health and, if necessary, its structure and health before being destroyed or damaged. It may be necessary to climb a tree to be able to properly evaluate its health as well as its structure. If the structure of a tree is questionable, its proximity to a target can be important in rating tree structure. Roots, trunk, and scaffold branches are evaluated both for structure and for health, while small branches, twigs, and foliage and/or buds are rated only for health.

The scoring system both for structure and for health is

No apparent problems	4
Minor problems	3
Major problems	2
Extreme problems	1

Guide to judging plant Condition. [Table 4.3 from the Guide]

Factor 1: Roots* (A root collar inspection may be warranted.) Root anchorage Collar/flare soundness Mechanical injury Girdling/kinked roots Compaction/waterlogged roots Toxic gases/chemical symptoms Presence of insects or disease Structure + Health = Subtotal Mushrooms (may need to interview owner) (1-4)(2-8)

Factor 2: Trunk*

(Core sampling or climbing may be needed and/or warranted to inspect the trunk.)

Sound bark and wood

Cavities

Mechanical or fire injury

Cracks (frost or other)

Swollen or sunken areas

Presence of insects or disease

3+	3	_=	6
Structure +	Health	=	Subtotal
(1-4)	(1-4)		(2-8)

Factor 3: Scaffold Branches*

(Climbing the tree may be warranted to inspect the branches.)

Strong attachments

Smaller diameter than trunk where attached

Vertical branch distribution

Free of included bark

Free of decay and cavities

Well pruned

Well-proportioned/proper taper

Wound closure

Deadwood or fire injury

Insects or disease

$$\frac{3}{\text{Structure}} + \frac{3}{\text{Health}} = \frac{3}{\text{Subtotal}}$$

$$\frac{(1-4)}{(1-4)} + \frac{3}{(1-4)} = \frac{3}{(2-8)}$$

Factor 4: Small Branches and Twigs Vigor of current shoots (compare previous growth) Well distributed through canopy Appearance of buds (color, shape, size for the species) Presence of insects or disease Presence of weak or dead twigs	Health Subtotal (1-4)
Factor 5: Foliage and/or Buds Size of foliage/buds Coloration of foliage Nutrient status	·
Herbicide, chemical, pollution injury Wilted or dead leaves	2
Dry buds Presence of insects or disease	Health Subtotal (1-4)
Total subtotal points assessed for the five Factors	(8–32)
Divide subtotal points by 32 (total points possible) and multiply by 100 to obtain the Condition rating	(25–100)
*As explained in the text, both structure and health items are to be	rated for the roots,

Location

The Location rating considers the Site of a property, the plant's functional and aesthetic Contributions, and the Placement of the plant in the landscape.

the trunk, and the scaffold branches. Rating roots, trunk, and scaffold branches for both structure and health gives them the necessary importance in the Condition rating. Small

branches and twigs, and foliage and/or buds, are rated only for health.

Site

The rating of a **Site** is expressed on a percentage basis (10 to 100 percent) in relation to its relative market value compared to other sites in the area or region and the quality and general appearance of the **Site** in which the appraised plant is located.

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Location determination

Average the **Site**, **Contribution**, and **Placement** ratings to determine the **Location** rating. For example, the ratings for a tree are

Site 60% + Contribution 80% + Placement 85% = 225% 225% ÷ 3 = 75% Location rating

Trunk Formula Method Work Sheet



Case # Spely Property W/ Forcet 3 & Appraiser Mile Branson	only OpenDate 3/1/17
Appraiser Mic Branson	
Field Observations	
1. Species Coast 100 20 -	·
2. Condition 69 %	
3. Trunk Circumferencein./cm	Diameter in./cm
4. Location % = [Site 3 % + Contribu ÷ 3 = 40 %	tion 30 % + Placement 30 %]
Regional Plant Appraisal Committee and or -Modified Information	Vor Appraiser-Developed
5. Species rating	<u> </u>
6. Replacement Tree Size (diameter) (Trunk Area) 2 on in ² /cm ² TA _R	1.63_ in./cm
7. Replacement Tree Cost (see Regional Information to use Cost	\$ 172 73 t selected)
8. Installation Cost	\$ 172.73
9. Installed Tree Cost (#7 + #8)	\$ 345.46
10. Unit Tree Cost (see Regional Information to use Cost	\$ <u>\$2.82</u> per in ² /cm ² selected)
Calculations by Appraiser using Field an	d Regional Information
11. Appraised Trunk Area: (TA _A or ATA _A ; use Tables 4.4–4.7) or c^2 (#3) × 0.08 or d^2 (#3) × 0.785	$= 29 \text{ in}^2/\text{cm}^2$
12. Appraised Tree Trunk Increase (TA TA _A or ATA _A in ² /cm ² (#11) – TA _R 2	A_{INCR}) = In^2/cm^2 (#6) = In^2/cm^2
per in ² /cm ² + Installed Tree Cost (#9)	
14. Appraised Value = Basic Tree Cost (#5) \(\sqrt{90} \% \times \text{Condition (#2)} \(\sqrt{\sqrt{90}} \% \times \text{Locate} \)	(#13) \$ 2499 × Species rating tion (#4) \(\frac{10}{10} \) = \$ 620
15. If the Appraised Value is \$5,000 or mois less, round to the nearest \$10.	ore, round it to the nearest \$100; if it
16. Appraised Value = (#14) \$ 10 27	
Items 5 through 10 are determined by the Region Wholesale Replacement Tree Cost, the Reta Installed Tree Cost (#9) divided by the Replacement Tree Cost (#10), or it can be set by the	il Replacement Tree Cost, or the cement Tree Size (#6) can be used for

Tree 5 6 wast live out

Condition

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Guide to judging plant Condition. [Table 4.3 from the Guide]

Factor 1: Roots*

(A root collar inspection may be warranted.)

Root anchorage

Collar/flare soundness

Mechanical injury

Girdling/kinked roots

Compaction/waterlogged roots

Toxic gases/chemical symptoms

Presence of insects or disease Mushrooms (may need to interview owner)

$$\frac{3}{\text{Structure} + \text{Health}} = \frac{5}{\text{Subtotal}}$$

$$\frac{(1-4)}{(1-4)} = \frac{5}{(2-8)}$$

Factor 2: Trunk*

(Core sampling or climbing may be needed and/or warranted to inspect the trunk.)

Sound bark and wood

Cavities

Mechanical or fire injury

Cracks (frost or other)

Swollen or sunken areas

Presence of insects or disease

Conks

$$\frac{3}{\text{Structure} + \text{Health}} = \frac{5}{\text{Subtotal}}$$

$$\frac{(1-4)}{(1-4)} = \frac{5}{(2-8)}$$

Factor 3: Scaffold Branches*

(Climbing the tree may be warranted to inspect

the branches.)

Strong attachments

Smaller diameter than trunk where attached

Vertical branch distribution

Free of included bark

Free of decay and cavities

Well pruned

Well-proportioned/proper taper

Wound closure

Deadwood or fire injury

Insects or disease

$$\frac{+}{\text{Structure}} + \frac{=}{\text{Health}} = \frac{1}{\text{Subtotal}}$$

$$(1-4) \quad (1-4) \quad (2-8)$$

Factor 4: Small Branches and Twigs Vigor of current shoots (compare previous growth) Well distributed through canopy Appearance of buds (color, shape, size for the species) Presence of insects or disease Presence of weak or dead twigs	Health Subtotal (1-4)
Factor 5: Foliage and/or Buds Size of foliage/buds Coloration of foliage Nutrient status Herbicide, chemical, pollution injury Wilted or dead leaves	7
Dry buds Presence of insects or disease	Health Subtotal (1–4)
Total subtotal points assessed for the five Factors	2·2 (8-32)
Divide subtotal points by 32 (total points possible) and multiply by 100 to obtain the Condition rating	(25–100)
*As explained in the text, both structure and health items are to be	rated for the roots

Location

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the trunk, and the scaffold branches. Rating roots, trunk, and scaffold branches for both structure and health gives them the necessary importance in the Condition rating. Small

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CITY OF CARMEL-BY-THE-SEA

Forest and Beach Commission Staff Report

March 9, 2017 Orders

TO: Forest and Beach Commissioners

FROM: Mike Branson, City Forester

SUBJECT: Arbor Day program for 2017

RECOMMENDATION

Discuss options for an Arbor Day event.

BACKGROUND / SUMMARY

Following discussion of an Arbor Day event during the February Commission meeting, Chair Refuerzo has appointed Commissioners Massoudi and Saroyan to an ad hoc committee to work on the 2017 Arbor Day program. Arbor Day updates will be a regular agenda item for the entire Commission to provide input on the recommendations from the ad hoc committee. Since the committee has just been appointed, this meeting is an opportunity for the Commission to provide additional thoughts and ideas for the ad hoc committee to consider.

The City of Carmel does not have an officially designated "Arbor Day". A day to recognize and promote the value of trees to the community fulfills a duty and responsibility of the Forest and Beach Commission, as well as, meeting one of the requirements for designation as a Tree City USA.

Previous "Arbor Day" events:

2005 - Tree seedling giveaway in December at Devendorf Park.

2006, 2007, and 2008 - Guest speaker presentations on tree care, pruning, and landscaping were cosponsored with the Friends of Carmel Forest at Sunset Center.

2009 – Tree care workshop in February at Vista Lobos. Presentations were made by the City Forester and arborist Peter Quintanilla from the Friends of Carmel Forest.

2010 – Trees and Art event at the Sunset Center, Carpenter Hall. Guest speakers on the Carmel forest management plan and the use of local trees in the art history of Carmel and the Monterey Peninsula. The event also featured a juried art and photo competition. This event was co-sponsored with the Friends of Carmel Forest.

2011 – Tree forum featuring local architect Paul Byrne speaking on sustainable building, Monterey Pine Watch presented an overview of their new book on the Monterey pine forest. Sustainable Carmel introduced their organization and their plans for the future, and the city forester spoke about Carmel's tree rules.

2012 – Japanese cherry tree planting ceremony in Devendorf Park. This was attended by the Mayor, City Council members, Forest and Beach Commissioners and representatives of the Japanese embassy in San Francisco.

2013 - Tree care workshop was presented by the City Forester at the Vista Lobos community room.

2014 - The Carmel Forest and Beach Commission presented an educational program, "Trees at Risk – Managing Your Trees in Times of Drought," to provide guidance to homeowners on tree and landscape care under drought conditions. Carmel City Forester Mike Branson spoke on the condition of Carmel's urban forest and on management practices to help trees through drought conditions. Independent scientist and environmental consultant Lee Klinger spoke on soil health and on ways to nurture the soil to benefit trees and plants. Landscape architect Paul Deering discussed plant selection and landscape watering strategies and priorities. He also led a walking tour at the end of the program to show examples of landscape practices and choices in nearby homes.

2015 & 2016 – The Forest and Beach Commission organized Arbor Day events to renovate the grounds of First Murphy Park. Work entailed planting new trees and shrubs, installing new drip irrigation and spreading mulch over the planter beds.

ATTACHMENT

1. N/A

City Trees Removed (upper/lower)		FEB. YTD 2016	Charten Man and Man an		\rightarrow	2016
w/ Monte Verde bet. 13th & Santa Lucia w/ Lincoln bet. 3rd & 4th ne/ 6th & Santa Fe ci/ Junipero bet. 9th & 10th e/ Torres bet. 4th & 5th w/ Santa Rita bet. 1st & 2.nd e/ Forest bet. 8th & Mr. View s/ Ocean bet. Lincoln & Monte Verde n/ Ocean bet. Lincoln & Monte Verde n/ Ocean bet. Gasanova & Camino Real 26041 Ridgewood e/ Mission bet. 3rd & 4th e/ Mission bet. 3rd & 4th w/ Junipero bet. 3rd & 4th w/ Junipero bet. 3rd & 4th s// Mission & 2.nd n/ Ocean bet. Gaudalupe & Santa Rita e/ Santa Fe bet. 1st & 2.nd n/ Ocean Bet. Gaudalupe & Santa Rita e/ Santa Fe bet. 1st & 2.nd n/ 4th bet. Guadalupe & Santa Rita w/ San Carlos bet. Ocean & 7th	30" Monterey cypress 15" black acacia 10" Monterey cypress 33" Monterey pine 24" Monterey pine 16" Monterey pine 4" Monterey pine 4" Monterey pine 4" Monterey pine 37" Monterey pine 37" Monterey pine 37" Monterey pine 32" Monterey pine 32" Monterey pine 32" Monterey pine 32" Monterey pine 35" Monterey pine	(Cha)(2	n/3rd bet Santa (alpharhower) n/3rd bet Santa Fe & Torres e/ Torres bet 4th & 5th n/ 3rd bet. Lincoln & Monte Verde s/ 8th bet. Monte Verde & Casanova n/ 12th bet San Carlos & Dolores e/ Casanova bet. 9th & 10th w/ Casanova bet. 9th & 10th	1 gal. Monterey pine 2 - 1 gal. oaks, 1 gal. Monterey pine 1 gal. Oaks, 1 gal. Monterey pine 1 gal. oak 1 gal. oak 1 gal. oak 5 gal. Monterey pine 5 gal. Monterey pine	11(5/6) 11(5/6)	94
Private Removal Permits (upper/lower) se/ Mt. View & Junipero e/ Camino del Monte bet. Junipero & 1st ne/ 6th & Guadalupe w/ Junipero bet. 2nd & 3rd se/ Monte Verde & 11th e/ Junipero bet. 10th & 11th e/ Dolore bet. Vista & 1st e/ Guadalupe bet. Ocean & 7th se/ Sth & San Carlos	12" oak 12", 18", 18" Monterey plnes 8" oak 40" Monterey pine 11" Monterey pine 14" oak 41" Monterey pine 14" oak 33", 16" Monterey pines	9(8/4) 18(15/7) 117	Private Planting Requirements 15 gal. lower canopy 15 gal. lower canopy 15 gal. lower canopy		3(0/3) 7(1/6)	89
Construction Permits (remove/prune) E/ Mission bet. 9th & 10th	26" black acacia, 28", 30" Monterey pines	1(1/0) 1(1/0) 24	Construction Planting Requirements 2 - 15 gal. upper canopy		1 1	13
Private Pruning Permits e/ Viscaino bet. Mt. View & Flanders e/ Scenic bet. 9th & 10th e/ Dolores bet. Vista & 1st 3 Trail View e/ Lobos bet. 3rd & 4th se/ Mt View & Junipero	4 > 4" Monterey pine limbs 10" Monterey cypress limb 14", 6" Monterey cypress limbs several > 4" Monterey pine and oak limbs 10" oak limb 6" oak limb	6 7 24	Trees Under Care FOCF trees planted City watered City irrigated	78 255 22		
City Pruning by contractors level I - total tree level III - specific purpose level III - specific purpose Trees planted / removed 2013 to date	289 / 545 (53%)	0 0 22 7 25 5 0 0 0	Construction Finals	Planted		
		7				