

From: Anne Fege <afege@aol.com>

Sent: Mon, Apr 29, 2019 9:57 am

Subject: Tree code revisions 1-Planning-design actions from 3/21 mtg, teleconf call Thurs. May 2, 8-9 am

To the "Tree code revision 1-Planning and design" group and a few more folks! Now a lot of information has been gathered since our March 21 teleconference call. I would like to take time this week to review these and set our next steps. (I'm traveling May 12 to June 3, so I'd like to forward this before I leave.) Would you be willing to call? 8:00 am, Thursday, May 2, 605-472-4875, code 434627#

Key items for teleconf call:

POINTS. Smaller planting stock saves money and increases long-term tree health, codes shouldn't be giving extra points for larger planting stock. The following references relate to quality and size of nursery stock, were assembled in April 2019, are posted at <http://sdrufc.com/treeplanting/>, and will be written into rationale about why planting-stock-size should be replaced.

- [LandscArchiMagz Root of the Problem JUrban 8p apr2013](#)
- [LandscArchiMagz Plant It Right 4p dec2014](#)
- [CalFire NurseryTreeSpecs 8p 2009](#)
- [CalFire NurseryTreeProductn 28p 2009](#)
- [ArizNurseryAssoc ContainerTrees 3p](#)
- Planting details-diagrams, [UrbanTreeFndn Nursery Observ 5diagrams 2014](#)
- Planting specifications, [UrbanTreeFndn Planting Specs 28p 2014](#)
- Three reviewed publications about container size, [UrbanTreeFndn Planting ChanceEtAl TreesLargeContainers Texas JEnvirHort june2017](#) [Gilman TreeSizeRoots EstablQuercus ArborUrbFor 2010](#)

POINTS. Likely the point system will continue, so we need to suggest points should be based on tree attributes, including but not limited to tree canopy size, as larger trees have more benefits for climate action, cooling, stormwater retention. (Sizes at Cal Poly's <https://selectree.calpoly.edu/>, benefits possibly tied to iTree?) Also, we would suggest limiting (or not giving points for) species, sizes and % cover of palms.

Are any of you aware of guidelines from ASLA, LEED or some cities or businesses that are rating trees in designs with a point system? Has anyone transformed "right tree, right place, right purpose" into design principles or a point system?

Kay Stewart's comments to me, 3/24/19: I disagree with the statement (if I understand it correctly) that species with larger canopies should be given preference. I think preference should be given to trees that provide a healthy canopy of the minimum size needed to clear traffic requirements and building encroachment. Trees that will require severe and frequent pruning to keep them from encroaching on buildings are trees that will be cursed for their cost to maintain and their survival may suffer as a result. What about proposing that trees with canopy diameters of no more than 25' -30' are preferred for urbanized settings, while parkways and suburban lots have room for much bigger trees.

SPACING. Still need to review and reference any ASLA guidance for sq ft per tree and distance from buildings. From March 21 call: This would be for facade, perimeter and vehicular use areas for residential and commercial properties. Codes need to conform with state and national standards, for trimming up from roadways and sidewalks, street lights, traffic signals, signs, and structures.

BRUSH MANAGEMENT. Anne is working separately on this, and the SD Regional Urban Forests Council Meeting on Wed. June 5, 11 am will a panel on Trees and Wildfire (or something similar).

STREET TREES. Size (24-inch box) and spacings need to be reviewed and revised, for page 22 of the land development code section, http://sdrufc.com/wp-content/uploads/2018/12/Ch14Art02Division04_LandscapeCode_4-2018_TreesYellowShading-1.pdf . Anne checked and the section is otherwise aligned with Street Tree Planting and Protection proposed revisions.

PREVIOUSLY CONFORMING PROPERTIES. Terre and Dan, would you call me? I know you're busy, and I'll call again. From March 21 = Most developments now reviewed are "infills." Developers are taking trees out, expanding building footprint, and denying space for trees. Need to set aside land for tree canopy first and require licensed LA and arborists at beginning and throughout design, approval and installation of process.

So.... let's work our way through these items on the teleconf call, and gather more information on some of them! Thank you!

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Sent: Tue, Apr 2, 2019 4:17 pm
Subject: Tree code revisions, Planning-design actions from 3/21 mtg, teleconf call Thurs. 3/11, 8 am

Thank you for the great insights and next steps, during the March 21 teleconf call! We identified information needed further discussion, and you offered to share your resources, standards, and experience. Would you take some time this week, to gather and send this information? Then we'll reschedule teleconf call to Thursday, April 11 at 8 am, call 605-475-4875, code 434727# . (I wrote Thursday, April 7 in follow-up email, which is too soon and which isn't a Thursday)

Information-gathering actions. Send information to Anne, to assemble for April 11 teleconf meeting and/or post on <http://sdrufc.com/coderevisions/>

1. Look at 5-year Urban Forest Management Plan (Anne-DONE, there are 17 items relating to codes, so this project is a substantial contribution to the City's urban forestry program)
2. Draw on ANSI and ASLA standards, **Anne will get copy of current ANSI stds.** (Asked Mike Palat, and tried thru Western ISA member page)
3. POINT. **Robin will gather literature on planting stock size-survival.** (DONE, literature posted at <http://sdrufc.com/treeplanting/>)
4. PALMS. **Chris to send Encinitas language on palms.**
5. DISTANCE FROM INFRASTRUCTURE. **County standards (Chris will send), national standards (ANSI-Aura).**
6. Tree clearance standards. These are referenced but not available online and final document can't be located (**Anne sent request to Mark** DONE-received).
7. SPACING. sq ft per tree and distance from buildings **Aura will get ASLA references, standards and guidelines** already in place for Landscape architects.
8. BRUSH MANAGEMENT. **Anne will set up separate discussion about trees for wildfire risk reduction**, involve fire department.
9. STREET TREES. **Anne will align this section with Street Tree Planting and Protection proposed revisions.**
10. PREVIOUSLY CONFORMING PROPERTIES. **Anne will ask Terre and Daniel about what specifications-setbacks-spacing have been used for infill plans.** EMAIL SENT 4/2/19
11. ENVIRONMENT COMMITTEE meeting, April 18. **Marty will assemble 10 slides about tree-root planting space**, and invite other LAs present as a group. Anne will forward info to March 8 attendees = DONE

Tree-related sections of Land Development Code-Landscape Regulations w/ yellow shading, http://sdrufc.com/wp-content/uploads/2018/12/Ch14Art02Division04_LandscapeCode_4-2018_TreesYellowShading-1.pdf.

Notes from 3/21 meeting at <https://docs.google.com/document/d/1zyl0cdQEiMqaAGfTzkDj3Hzxs9-mn9n9Q9X0tLPc-NA/edit#>

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