

This checklist and following information is provided in order to ensure an efficient development plan review approval by Denver Forestry. The below information shall be required on all development plans, omission of any of the below information may result in denial of your plans and/or permit process.



Proposed street trees in the public right-of-way:

- i) [Denver's current approved street tree list](#): The approved street list shall be updated periodically by Denver Forestry to reflect changes in the environment, technology, and availability of tree species. Check the website for the most current approved street tree list
- ii) If you do not see a particular tree on the list please call the Forestry office for approval
- iii) Use ornamentals only when there is overhead utilities
- iv) All proposed trees shall be 2" to 3.5" caliper
- v) Check if in a [Design Standard & Guidelines Area](#) or a Master Street Tree List applies to the location as there may be special requirements



Show layout and label tree icons on plan:

- i) Existing Trees: species, DBH (trunk diameter at 4.5' above ground), to remain or remove
- ii) Proposed Trees: species
- iii) Must match plant schedule



Include a complete plant schedule:

- i) Botanical name
- ii) Common name
- iii) Caliper (min. 2" caliper on all proposed public right-of-way trees)
- iv) Location (public right-of-way vs. private property)
- v) Quantity
- vi) Must match plan layout in name and quantity



Meet diversity requirements (Stapleton has different % numbers):

- i) Diversity schedule

Number of Trees	Diversity Percentage
≤ 4	100% genus
5 to 8	50% genus
9 to 15	33% genus
16 to 50	20% species, 30% genus, 40 % family
> 50	10% species, 20% genus, 30% family

- ii) Species diversity (minimum species richness <number of individual species> for large developments including  $\geq 100$  street trees)

<b>Species Diversity (Richness)</b>
1 species/10 total trees Species do not have to be equally represented (but must meet above requirements). Maximum species required 25

- iii) No more than 4 consecutive like trees in a continuous row (including around corners)
- iv) Honeylocust, as an over-planted species, can represent no more than ten percent (10%) of any proposal



Trees spaced appropriately (between trees and away from other right-of-way improvements and clear-sight areas)

- i) 35' between large shade trees
- ii) 25' between ornamentals
- iii) 25' between ornamentals and shade trees
- iv) In hardscape areas, the spacing above is reduced to 30', 20', 20', respectively
- v) 30' from outside edge of intersecting curbs for sight triangle
- vi) 20' from street lights
- vii) 10' from alleys, driveways, and hydrants
- viii) 7' behind attached walks
- ix) 5' from water meters/pits
- x) Centered within tree lawns/planters
- xi) Variances or exceptions to the above: please call Forestry office



Include appropriate planting and protection details:

- i) Tree planting- show Denver Forestry's detail on plan
- ii) New hardscape or re-constructed hardscape areas (non tree lawn areas): 5' x 5' pit areas shall no longer be accepted, must use trenches, root paths, break out zones, structural cells, or other un-compacted soil technology to meet 750 cu ft of soil volume. Must show details on how soil volume requirement will be met
- iii) Include in general notes: "All plant material shall meet or exceed current American Standard for Nursery Stock ANSI Z60.1 and the Colorado Nursery Act and accompanying Rules and Regulations."
- iv) Tree retention and protection if existing trees to remain; use Denver Forestry's detail
- v) Indicate tree grate if appropriate

- Include appropriate irrigation note in general notes on landscape plan:
  - i) Trees to be watered on separate zone from turf
  - ii) How; bubbler, drip emitter, etc.
  - iii) Include how existing/retained trees are to be watered throughout duration of the project; included water schedule, amounts, and how applied
  
- Pay required appraisals for city trees removed/destroyed/injured
  - i) Appraisals shall be performed on all existing trees proposed to be maintained or removed to ensure healthy and viable specimens for the future and to evaluate possible construction impact.
  - ii) Call the Arboreal Inspector for your area for a pre-submittal consultation or evaluation
  
- Soil Analysis and Remediation Required; when removing hard-scape to plant trees, including but not limited to concrete, asphalt, pavers, brick
  - i) Removal of asphalt, pavers, or any hard-scape within the critical root zone when there are existing trees; use only hand tools to remove. Include comment in notes
  - ii) Deep (24") soil analysis required from credited soil analysis laboratory to determine nutrient and organic matter, and compaction level for soil remediation work when new trees are proposed
  - iii) Soil Remediation required:
    - (1) Add soil amendments per soil analysis result and till to depth of 18"
    - (2) Add organic matter to ensure a minimum of at least 5%
    - (3) If soil amendment is not needed per soil test result, tilling to depth of 18" is required to eliminate soil compaction
  
- Other information: any other information relevant to public right-of-way trees should be listed in the general notes on the landscape page (i.e.- construction activity near the critical root zone; what and how to be accomplished)
  - i) Any relocation of trees of  $\geq 5'$  due to utility or other conflicts must be approved by City Forester prior to planting
  - ii) Any work proposed to be done within Tree Protection Zone or within the Critical Root Zone must be noted and detailed
    - (1) All approved work within TPZ/CRZ must be accomplished with hand tools only
    - (2) See Denver's Tree Retention and Protection Specifications for further details

\*Due to an ever changing environment, advancements in science and technology, and the increasing variety and availability of tree species, this is a living document and is subject to change at any time. Please consult the most current version of this document on our website prior to submitting any landscape plan for Forestry review at [denvergov.org/forestry](http://denvergov.org/forestry): landscape planning; landscape planning checklist. Thank you.