

Establishing Trees in Urban Environments

A Hands-on Approach

**Massachusetts Tree Wardens' and Foresters' Association
Professional Development Series**

Thursday, September 12th
8:30 am – 12 noon

Wellesley Department of Public Works
DPW Training Room / 2nd floor
20 Municipal Way
Wellesley, MA

Why Plant a Tree?

- Social Benefits
- Environmental Benefits
- Property Values
- Decreased Crime Rates, Etc.

Who is Planting
Your Trees?

- Sub contractor
- In-house
- Volunteers

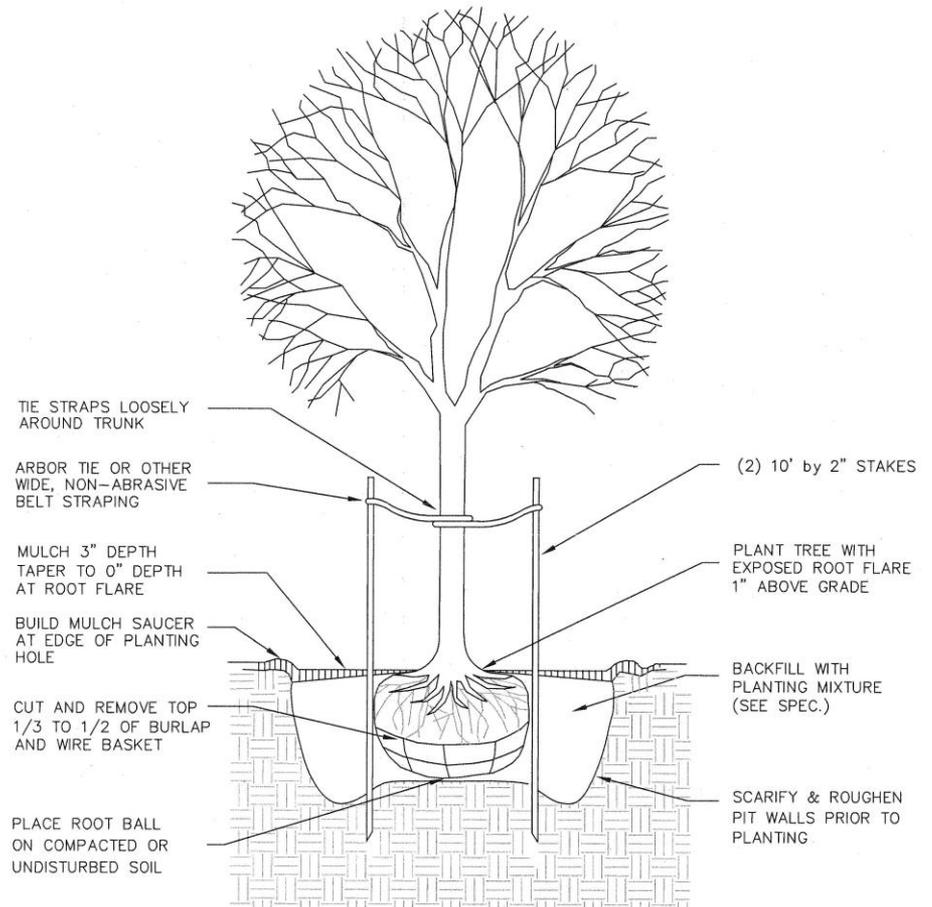
What are You
Planting?

- Field Grown
(B&B)
- Container
- Bare Root

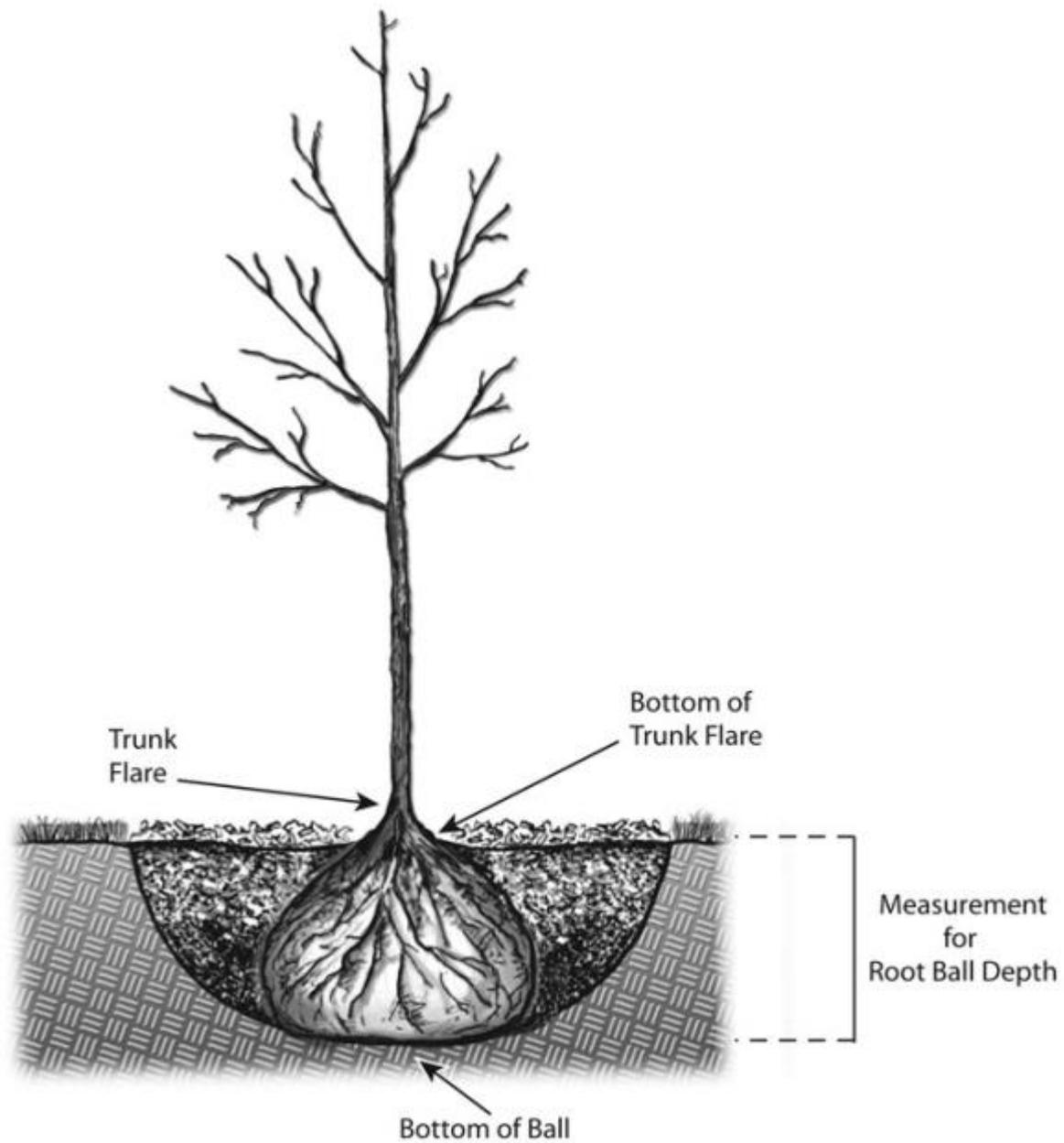
When are You
Planting?

- Spring vs. Fall
- Both

Do you have a good Tree Planting Spec?



CITY OF CAMBRIDGE
DECIDUOUS TREE PLANTING



TCIA

http://www.tcia.org/files/ANSI_Part5_Fig_54.4.2.jpg

How are You
Selecting Your
Trees?

- Nursery Standards
- Experience

So you got some trees, now what...



Understand
Newly Planted
Materials are
Stressed

- Root Loss
- Time of
Transplant
- Storage Methods

Understand New
Trees can have
Issues

- Following pictures related to finding root flare/burial of root collar

Remove the burlap and look for the root flare



Is that the root flare?



No. Just some suckers and adventitious roots.

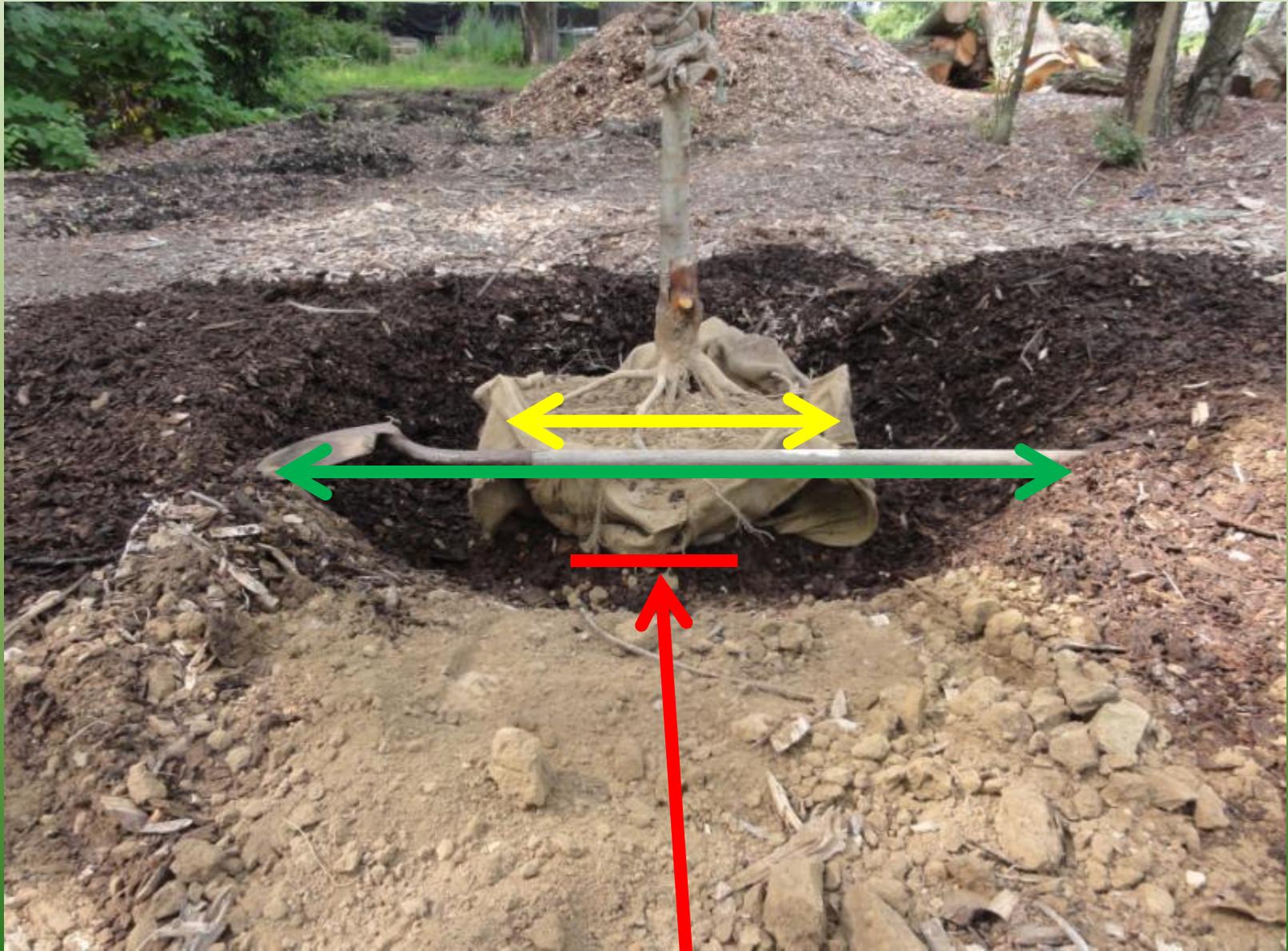


Remove suckers and adventitious roots

Now you have your actual root flare!



Dig the hole twice as wide as the root ball



Place the root ball on undisturbed or compacted soil

Remove at least the top ½ of the burlap and wire basket if you cannot remove it all. The root ball may fall apart when doing this. **DON'T PANIC!**



Fill the hole halfway up with soil, and add water. This step will help remove air pockets, and help secure the root ball in the ground



Fill the rest of the hole with soil. Be careful to not bury the root flare



If Mother Nature intended for trees to look like this in the woods...



Then why would we plant trees like this...



To end up with trees like this!



A properly planted tree...



Can provide years of enjoyment!

