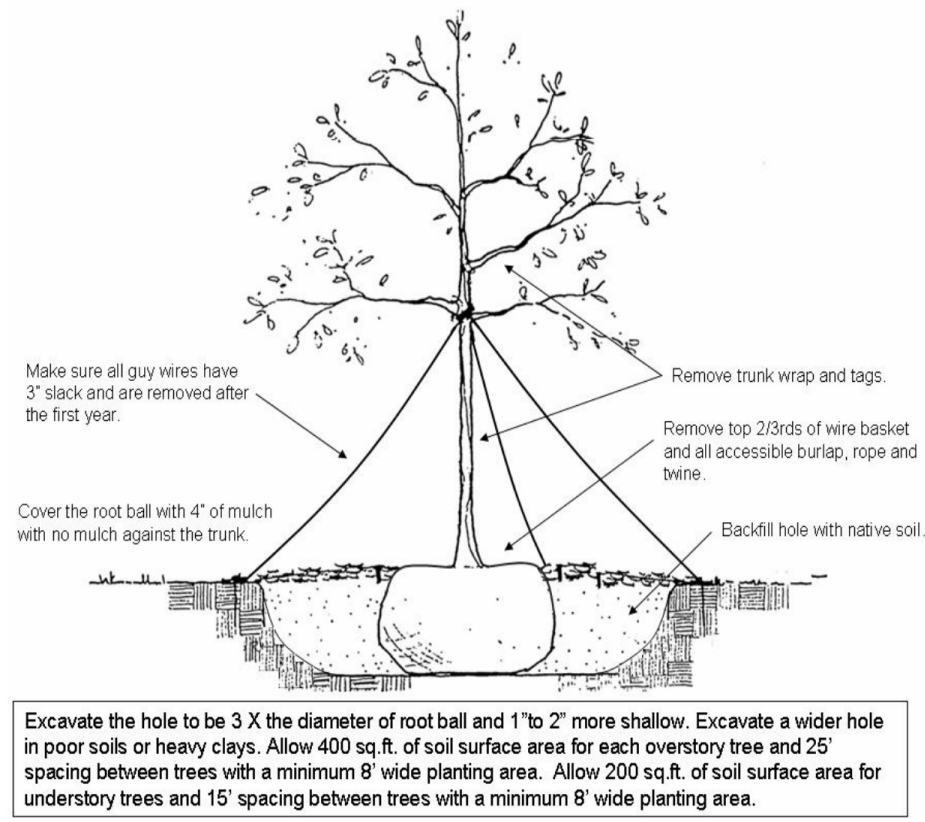


Figure 11: Tree Planting Detail



#### Arborist Notes:

- Contact the Smyrna Community Development Director to schedule a pre-construction conference.
- All tree protection measures shall be installed prior to commencement of any construction, demolition, or land disturbance activities.
- Tree protection fencing shall be maintained throughout the duration of the project period, and through final landscaping and inspection.
- All tree protections shall be inspected daily and restored and replaced as needed.
- All tree protection areas shall be protected for soil erosion and sedimentation, concrete washout debris storage, chemical and paint spills.
- All demolition debris shall be hauled off-site. No tree removal or pruning during demolition, unless pre-approved by the city Green Infrastructure Coordinator.
- demolition debris, parking, machinery, temporary sanitary facilities, or material storage within the tree protection areas or within 6 feet of critical root zones.
- No fire or excessive heat within the tree protection areas.
- Any pruning for clearance to structures must be specified per ANSI-A300 Standards.

#### Planting Schedule

	Species	Number	Size (" Caliper)	RDF
TRACT 1				
	Princeton Elm	1	6	6
	Willow Oak	2	6	12
	Dogwood	1	3	3
			TOTAL	21
TRACT 2				
	Princeton Elm	1	6	6
	Willow Oak	2	6	12
	Dogwood	1	3	3
			TOTAL	21
STREETSCAPE TREES				
	PIN OAK	2	4	

SEPT 9, 2020 VER 1.0  
22X34 SHEET

#### TREE CONSERVATION PLAN PREPARED BY:

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Consulting Urban Forester

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#### SITE TREE DATA BATES STREET TRACT

#	SIZE (Inches dbh)	SPECIES	CONDITION	NOTES
1	23	Loblolly pine	Fair	Thin crown, 100% impact from sidewalk construction, remove
2	41	Sweet gum	Poor	Dead branches, co-dominant leaders under pressure, 100% impact, remove
3	22	Pecan	Fair	100% impact, remove
4	22	Pecan	Fair	100% impact, remove
5	28	White Oak	Poor	Covered with kudzu, 100% impact, remove
6a	16	Loblolly pine	Dead	Remove
6b	23	Water Oak	Poor	Dead pine embedded into oak, trunk structural defect, scaffold branch structural defect, remove

#### TREE DENSITY CALCULATIONS

TRACT 1 SITE DENSITY FACTOR = .207 X 100 = 20.7  
EXISTING DENSITY FACTOR = 0  
REPLACEMENT DENSITY FACTOR = 21 (SEE PLANTING SCHEDULE)

TRACT 1 SITE DENSITY FACTOR = .20 X 100 = 20.7  
EXISTING DENSITY FACTOR = 0  
REPLACEMENT DENSITY FACTOR = 21 (SEE PLANTING SCHEDULE)