

Chapter 402. Trees and Landscaping

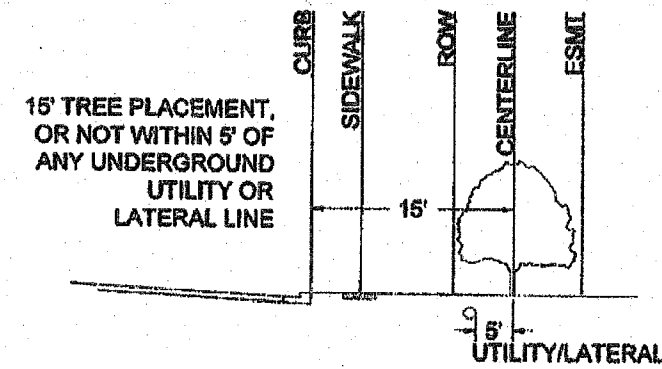
Article IV. Minimum Tree Quantities and Location Requirements

Section 402.110. Tree Standards Along A Roadway.

[Ord. No. 5752 9/12/8-2011]

A. Minor Residential/Local Access Road.

- One (1) tree shall be located in the front yard of every lot, unless on a corner lot in which case a tree shall be located on the frontage of each side as required per the zoning district.
- No trees are to be located within the right-of-way, following the standards set forth in this Chapter.
- Unless otherwise approved as part of a development plan, trees are to be no closer than fifteen (15) feet to the back of curb and not within five (5) feet of an underground utility or lateral line.



B. Collector And Minor Arterial Road.

- One (1) tree for every fifty (50) linear feet as required per the zoning district.
- Trees shall not be located within City right-of-way unless a landscaping plan is reviewed and approved by the City.
- If a tree is located within City right-of-way or within fifteen (15) feet to the back of the curb, it must be an acceptable species as outlined in the tree list and not within a ten (10) foot easement.

C. Medians For Collector And Minor Arterial Roads.

- D. Sight Triangle And Obstruction. On the point of any access onto a public street or the intersection of any two (2) streets, development shall conform to the requirements of the sight triangle in which nothing shall be erected, placed, planted, or allowed to grow in such a manner as to materially impede vision between a height of thirty-six (36) inches and fifteen (15) feet above the grade at the back of the curb of the intersecting streets, within the triangular area formed by the right-of-way lines and a line connecting them at points twenty-five (25) feet from their point of intersection or at equivalent points on private streets or as otherwise shown on the approved site plan.

Section 402.130. Tree Location Standards.

[Ord. No. 5752 9/12/8-2011]

A. Trees are required to meet this Section if located along a roadway or utility line subject to the following:

- Trees shall not be placed within twenty-five (25) feet of any street light or within fifteen (15) feet of the back of curb unless otherwise provided in this Code.
- Trees shall not be placed within twenty-five (25) feet of traffic control or street signs or within fifteen (15) feet of the back of curb unless otherwise provided in this Code.
- Trees shall not be planted within ten (10) feet of street stormwater inlets or manholes.

- All new trees within the City right-of-way must be an acceptable species as outlined in this Chapter. All other trees to be installed are recommended, not required, to follow the recommended species list outlined in this Chapter.

5. Trees may not be planted closer to the centerline of an overhead power line as listed below:

Maximum Mature Tree Height (Feet)	Minimum Distance From Centerline (Feet)
<15	No minimum
15-24	15
25-45	35
>45	45

6. To reduce potential damage to sidewalks the City recommends the following setback:

Maximum Mature Tree Height (Feet)	Minimum Distance From Sidewalk (Feet)
<15	5
15-25	10
26-45	15
46	30

B. Tree standards in common ground or on private property.

- Recommended (not required) tree species are outlined in this Chapter.
- It is not recommended to have a tree located within an easement since it could be removed in the future with no replacement costs provided.
- Tree location standards as provided in this Chapter shall be followed.

LANDSCAPE LEGEND

QTY. (48) ~ INDICATES PROPOSED RED MAPLE = (10 POINTS)
(MATURE HEIGHT = 45 FT TALL)
(MIN. 2" CALIPER)

Street trees & Tree preservation calculations:
Existing Trees = 7.81 Acres
Trees Removed = 4.96 Acres
Trees Saved = 2.65 Acres
Tree Preservation trees to be retained:
7.81 Acres x 20% = 1.52 Acres
1.52 Acres - 2.65 Acres (Saved) = 1.13 Acres
2.65 Acres > 1.52 Acres (No new trees required)

Street Trees Required:
1 Tree per lot, 2 Trees per corner lot
34 Lots = 34 Trees
2 Corner Lots = 2 Trees
Total Trees Required = 36
Total Trees Provided = 36

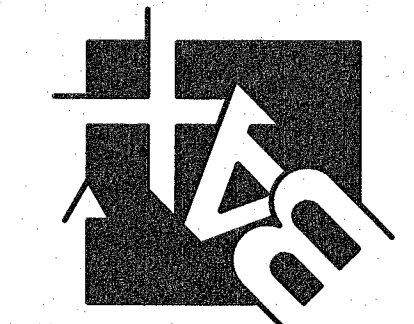
Landscape Buffer:
For every 100 L.F. of buffer required, 2 Plant Units to be provided.
1 Plant Unit = 30 Points

20' Wide Buffer strip along West Property line (behind Lots 23 & 24)
Buffer strip length = 188.05 L.F.
Area along strip to be landscaped = 188.05 L.F.
188.05 L.F. / 112.83 Points Required
12 Trees @ 10 Points Each = 120 Points Provided

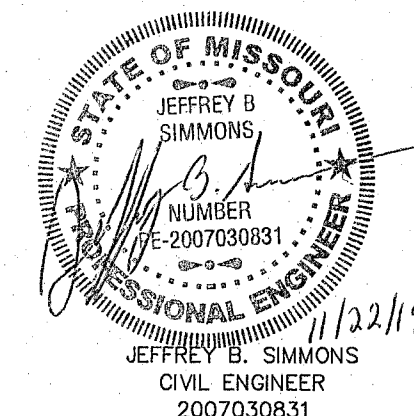
PROJECT TITLE:

WYNDGATE MEADOWS

ENGINEERING PLANNING SURVEYING
221 Point West Blvd.
St. Charles, MO 63301
636-928-5562
FAX 928-1718



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REVISIONS

DATE	DESCRIPTION
08/08/19	D.C.S.D. P.W.S.D. #2 & CLIENT COMMENTS
08/30/19	D.C.S.D. P.W.S.D. #2 & CITY COMMENTS
09/25/19	D.C.S.D. P.W.S.D. #2 & CITY COMMENTS
10/22/19	CITY COMMENTS
11/08/19	CITY COMMENTS
11/22/19	CITY COMMENTS

Developer / Owner:
STRAOR, L.L.C.
9645 Clayton Road
St. Louis, MO 63124
314-667-9400

LANDSCAPE PLAN

P+Z No. #18-012166

Approval Date: 06/27/2019

City No. #RSP-19-000010

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