



Planting Notes

1. Location of all existing utilities needs to be done before commencing work.
2. The planting plan graphically illustrates overall plant massing. Each plant species massing shall be placed in the field to utilize the greatest coverage of ground plane. The following applies for individual plantings:
 - a. Creeping groundcover shall be a minimum of 6" from paving edge.
 - b. All trees shall be a minimum of 3' from paving edge.
 - c. All plants of the same species shall be equally spaced apart and placed for best aesthetic viewing.
 - d. All shrubs shall be a minimum of 2' from paved edge.
 - e. Mulch at planting bed areas to a minimum depth of 3". Mulch individual trees to a minimum depth of 4".
3. Note: If plants are not indicated - they are existing and shall remain.
4. In the event of work in or on a JCW sanitary main, any trees or plantings placed within the sewer easement may be removed without replacement or compensation there-of and shall be replaced by the property owner as required by the City.
5. All landscaped areas in ROW shall be sodded and irrigated unless otherwise specified.

- Materials:**
1. Plant material shall be healthy, vigorous, and free of disease and insects as per AAS standards.
 2. Shredded bark mulch installed at trees shall be finely chipped and shredded hardwood chips, consisting of pure wood products and free of all other foreign substances. Fine bark compost must be installed at planting bed areas shall be free of all other foreign substances.

- Installation:**
1. All planting beds shall be amended with 1 cubic yard of peat moss per 1,000 square feet. Till peat moss into soil to a 6" depth. A 10-10-10 fertilizer shall be spread over all planting areas prior to planting, at a rate of 50 pounds per 2,000 square feet.
 2. After plants have been installed, all planting beds shall be treated with Dacthal pre-emergent herbicide prior to mulch application.
 3. Fertilizer for trees and shrubs shall be 50% peat or well composted manure and 50% topsoil.
 4. Plant material shall be maintained and guaranteed for a period of one year after Owner's acceptance of finished job. All dead or damaged plant material shall be replaced at Landscape Contractor's expense.
 5. Landscape contractor shall maintain all plant material until final acceptance, at which point the one year guarantee begins.

Landscape Calculations

Street Trees: Street trees must be spaced as uniformly as possible, with an average spacing of forty (40) linear feet between trees in all districts, resulting in at least one (1) tree per lot in residential districts. (Totals shown below combine both sides of the road)

143rd Terrace = 751 LF. 38 Trees required. 38 Trees provided.
REQUIREMENTS MET.

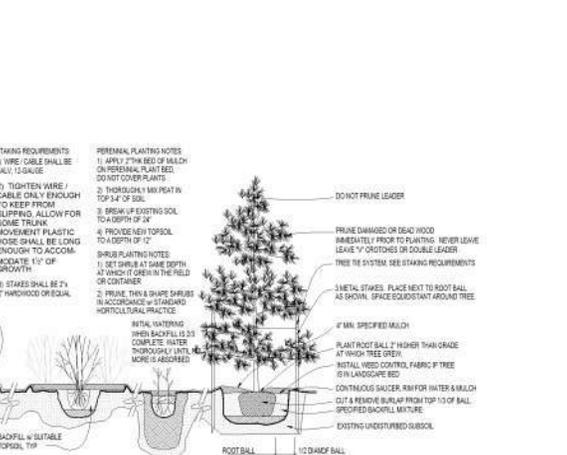
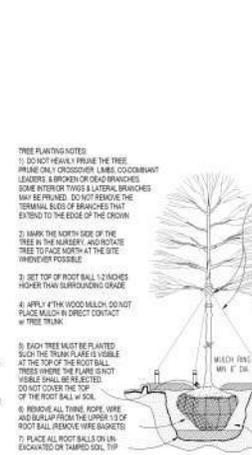
- Buffer Plantings:** A minimum for each 100 linear feet or portion thereof of:
- a) Thruway or super-collector frontage
 - b) Eight (8) evergreen (conifers) trees with a minimum size of six (6) feet in height
 - c) Two (2) shade trees with a minimum caliper two (2) inches as measured six (6) inches above the ground.
 - d) One (1) ornamental tree with a minimum size of 1.5" Caliper.

400 LF of road along 143rd Street
32 Evergreens Required - 32 Provided
8 Shade trees required - 8 Provided
4 Ornamental trees required - 4 Provided
REQUIREMENTS MET.

SITE DISTANCE TRIANGLES: Triangles are shown on the plan. There are no shrubs located in these areas. Trees shall be limbed up to 6' height for visibility.

- STREET TREE PLANTING LOCATION REQUIREMENTS:**
1. Not located in the site distance triangle.
 2. 10 feet from box culverts.
 3. 15 feet in front of regulatory signs.
 4. 10 feet behind regulatory signs.
 5. 20 feet from streetlight poles.
 6. 10 feet from fire hydrants.

1 LANDSCAPE PLAN
SCALE: 1"=40'-0"



Landscape Schedule

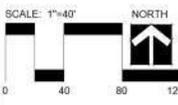
Symbol	Qty	Botanic or Trade Name	Common Name	MOE/MS	MOE/MS	Caliper	Remarks
DECIDUOUS TREES							
[Symbol]	3	Quercus bicolor	Black Tupelo			2.5"	6' min. stem, ground to canopy
[Symbol]	30	Quercus rubra	Northern Red Oak			2.5"	6' min. stem, ground to canopy
[Symbol]	4	Castanea bicoloriflora 'Diplomat'	Diplomat Horse Chestnut			2.5"	6' min. stem, ground to canopy
[Symbol]	4	Prunella americana	Common Plum Tree			2.5"	6' min. stem, ground to canopy
[Symbol]	8	Acer x hybridum 'Platinum'	Platinum Sweet Maple			2.5"	6' min. stem, ground to canopy
CONIFERUS TREES							
[Symbol]	14	Juniperus horizontalis 'Seymour'	Seymour Juniper			6" H.	symmetrical spread form
[Symbol]	50	Juniperus horizontalis	Common Red Cedar			6" H.	symmetrical spread form
[Symbol]	14	Picea canadensis	White Spruce			6" H.	symmetrical spread form
SHRUBS/TREES							
[Symbol]	4	Carolinian clematis	Clematis			1.0"	
[Symbol]	4	Physalis peruviana 'Liquorice'	Liquorice Amaranth			1.5"	3' min. stem
CRIPPER TREES/TREES TO BE MAINTAINED							
[Symbol]	500	100 SHALL BE 5\"/>					

MEIER
LANDSCAPE ARCHITECTURE
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CLIENT
SAB Homes
200 NW Commerce Ct,
Lee's Summit, MO

PROJECT
Greens at Prairie
Highlands
8th Pland
143rd Street and St.
Andrews Ave.
Olathe KS



Date: 6.10.2024
Project #: 1118
Landscape Plan

L1