

**Legend:**

Symbol	Description
[Hatched Box]	Existing sight easement -see Civil Survey
[Cross-hatched Box]	Future Development
[Dotted Box]	Interior parking landscape area
[Stippled Box]	General landscape area
[Box with 'D']	Storm water detention -see Civil sheets
[Box with '+']	Proposed tree -see schedule for type
[Circle with '+']	Existing tree to be removed

**City of O'Fallon, Missouri landscape requirements**

**Article III Preservation of Trees**  
NOTE: one existing Oak tree is found within the future parking and shall be removed -tree shown on plan. Two new canopy trees are proposed.

**Article IV. Minimum Tree Quantities and Location Requirements**

**Section 402.090. Industrial Zoning Districts**  
One (1) tree required for every forty (40) of street frontage.  
336 lin. ft. street frontage at Veterans Memorial Parkway  
339 lin. ft. street frontage divided by forty (40) equals 8.4 or 8 trees

One (1) tree required for every three thousand (3,000) sq. ft. landscape area  
Trees required at LOT 2A  
39,350 sq. ft. landscape area divided by 3,000 sq. ft. equals 13.1 or 13 trees  
NOTE: excludes detention basin and interior parking area

Trees required at LOT 2B to be determined

**Article V. Landscape and Screening Requirements**  
**Section 402.170**

A. See plan for information provided  
B. Planting Requirements within parking and vehicle use areas

2.a Interior parking landscape area  
86 stalls multiplied by 270 equals 23,220 sq. ft.  
23,220 sq. ft. multiplied by .06 equals 1,393.2 or 1,393 sq. ft. of required interior parking area

Interior parking area provided: 2,890 sq. ft.

C Planting Requirements.  
see plan for proposed plant size

**Section 402.180. Standards For Buffer Yard Areas Between**

C. Industrial zoning districts abutting residential zoned property  
3 Plant Units and sight-proof fence provided  
Proposed buffer is 30' wide

**Non-Residential and Residential Land Uses and Zoning Districts.**  
Buffer at LOT 2A  
Industrial zoning adjoining Residential zoning: 3 plants units required for each 100 Lin. Ft. = +/- 408' + 100 = 4 plant units  
4 plant units x 3 = 12 required plant units  
1 plant unit = 30 points: 12 x 30 = 360 points required

**Qty | Description**

18	2.5" Caliper Shade Tree (10 points x 18 = 180 points)
18	6-8" Tall Evergreen Tree (10 points x 18 = 180 points)

Buffer at LOT 2B  
Industrial zoning adjoining Residential zoning: 3 plants units required for each 100 Lin. Ft. = +/- 118' + 100 = 1.1 or 1 plant unit  
1 plant units x 3 = 3 required plant units  
1 plant unit = 30 points: 3 x 30 = 90 points required

**Qty | Description**

3	2.5" Caliper Shade Tree (10 points x 30 = 30 points)
6	6-8" Tall Evergreen Tree (10 points x 6 = 60 points)

**Total new trees proposed**  
36 New Canopy Trees  
8 New Flowering Trees  
24 New Evergreen Trees

**Planning and Zoning Notes:**

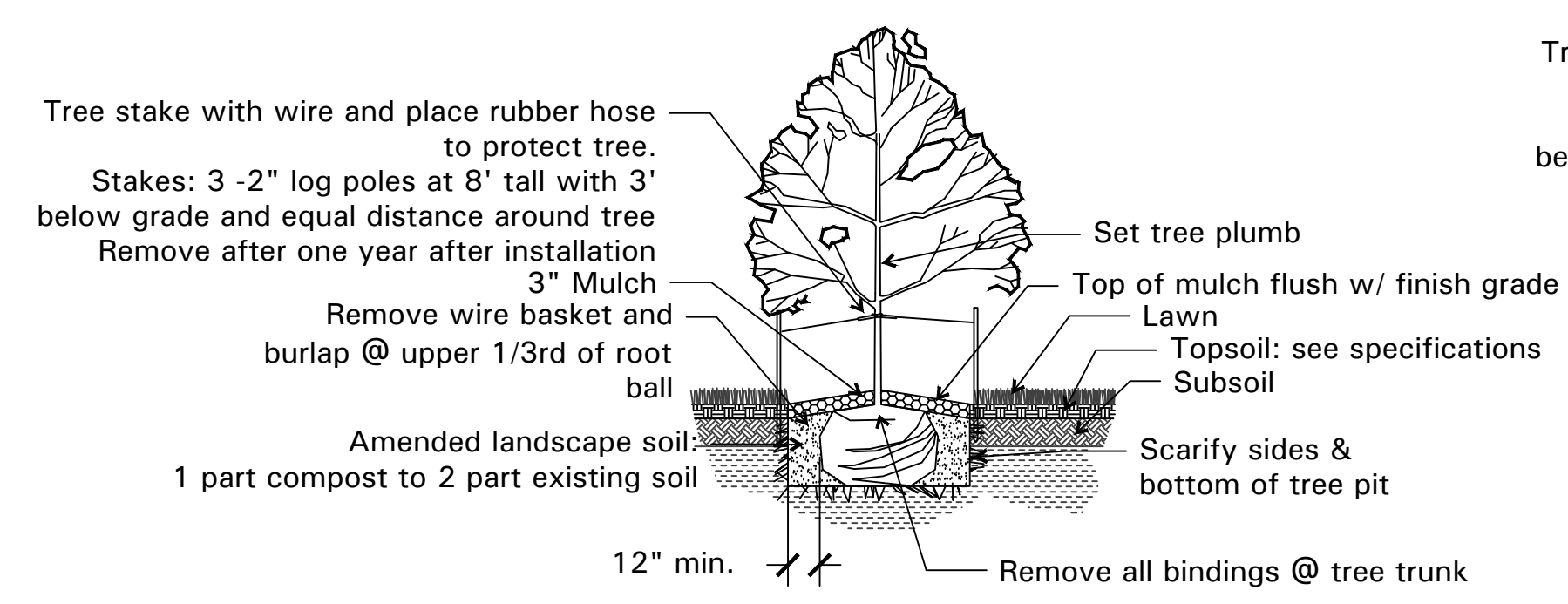
- Planning and Zoning Exhibit for illustrating code requirements as related to landscape requirements -not for construction.
- Proposed plant materials to be watered by hand,
- Proposed plant material and ground covers shown on Sheet L-1,
- Proposed trees to staked as required by City of O'Fallon, MO.

1 Landscape Planning and Zoning Exhibit ( NOT FOR CONSTRUCTION)

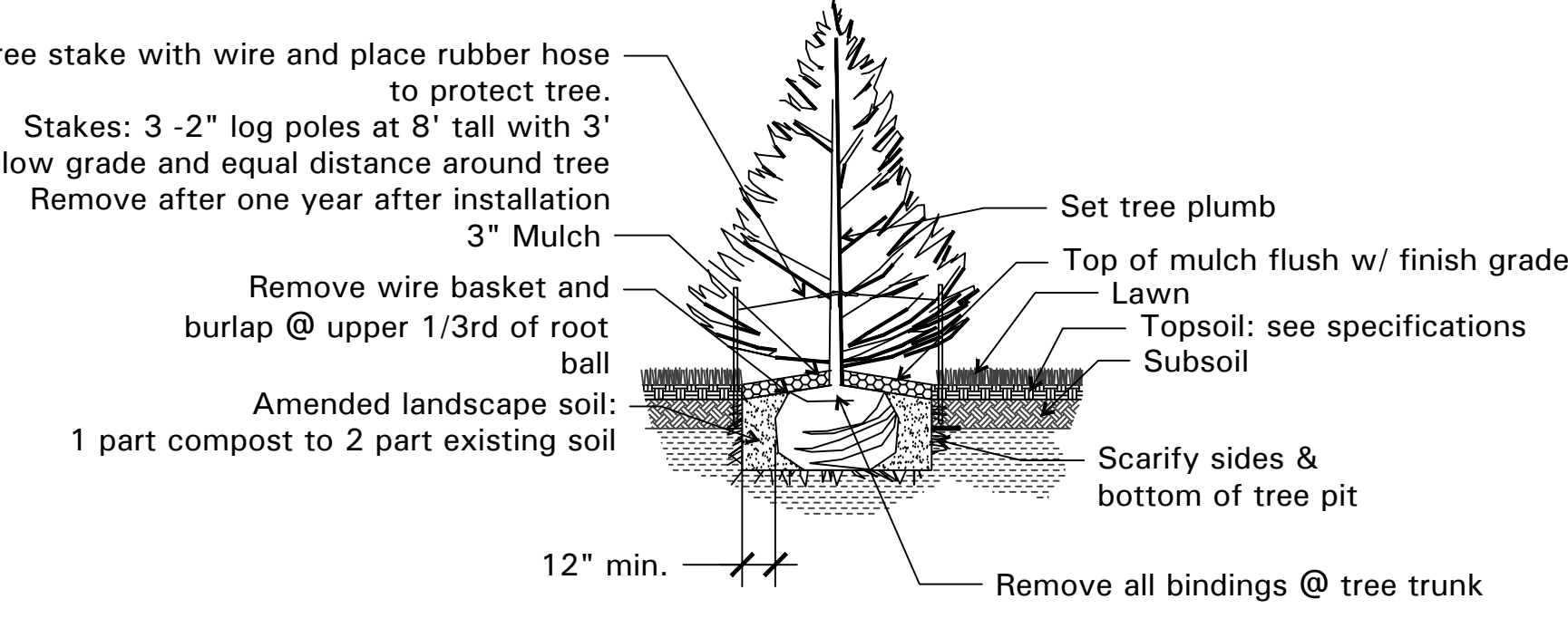
Landscape Planting Schedule LOT 2A					
Key	Qty.	Common Name	Botanical Name	Size	Mature Size
A	8	Sugar Maple	Acer saccharum 'Green Mountain'	2.5" Cal.	35' wide x 45' tall
B	12	Honey Locust	Gleditsia triacanthos f. inermis 'Skycole'	2.5" Cal.	35' wide x 45' tall
C	10	Pin Oak	Quercus palustris	2.5" Cal.	40' wide x 60' tall
D	8	Service Berry	Amelanchier grandiflora 'autumn brilliance'	2" Cal.	15' wide x 20' tall
E	18	Juniper	Juniperus virginiana 'Canaerti'	7-8' Tall	15' wide x 25' tall

Landscape Planting Schedule LOT 2B					
Key	Qty.	Common Name	Botanical Name	Size	Mature Size
C	3	Pin Oak	Quercus palustris	2.5" Cal.	40' wide x 60' tall
E	6	Juniper	Juniperus virginiana 'Canaerti'	7-8' Tall	15' wide x 25' tall



**DECIDUOUS TREE PLANTING DETAIL**



**EVERGREEN TREE PLANTING DETAIL**

DERMODY & ASSOCIATES, LLC

Uisce beatha  
ph# 314.205.8871  
Missouri Certificate of Authority  
#200902208

**CLIENT:**  
The Clayton Engineering Company, Inc.  
2268 Welsch Industrial Court  
St. Louis, Missouri 63146

**RANGE USA INDOOR GUN RANGE**  
9200 Veterans Memorial Parkway,  
O'Fallon, MO

**Revisions:**

No.	Description	Date:
1	City Comment	4/21/22
2	Coordination	5/12/22

5/12/22

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LA-2001006236

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Issue for CD Set: March 16, 2022  
Drawn by: EMD  
Checked By: EMD

Sheet Title  
**Landscape Planning and Zoning Exhibit**

Project Number: 719.036  
Sheet Number:  
L-0