



Virtual Meeting
Mequon, WI 53092
Phone: 262-236-2913
Fax: 262-242-9655

www.ci.mequon.wi.us

Public Works Department

TREE BOARD
Wednesday, June 17, 2020
4:30 PM
Virtual Meeting

ELECTRONIC MEETING NOTICE: Pursuant to the current recommendation of the CDC limiting the size of public gatherings and the various federal and state orders implementing that recommendation, and to help protect our community from the Coronavirus (COVID-19) pandemic, this meeting will be held virtually through the GoToMeeting platform with each member accessing the meeting remotely. Citizens may join the meeting online or by phone. Please go to <https://www.gotomeet.me/KristenLundeen/tree-board> to join the meeting online or call into the meeting by dialing 1-877-568-4106 and enter access code 247-696-181.

WRITTEN PUBLIC COMMENTS may be made in writing in advance of the meeting. Written comments should be directed to the Parks and Forestry Department at least 2 hours prior to the meeting by email at cdeuster@ci.mequon.wi.us addressed to the intended committee. Written public comment may also be deposited in the drop box at City Hall on 11333 N. Cedarburg Road, Mequon at least 2 hours prior to the meeting. Comments received timely will be forwarded to all members of the body for their consideration.

VERBAL PUBLIC COMMENTS will be accepted only from members of the public who register in advance. Registration shall be made by sending an email to Administrative Assistant Casey Deuster at cdeuster@ci.mequon.wi.us or by leaving a message at 262-236-2913 no later than 2 hours prior to the meeting.

Agenda

1. Call to Order, Roll Call
2. Approval of Meeting Minutes
 - a. February 5, 2020 Minutes
3. Discussion Items

Discussion and Possible Action

- a. The Enclave II at Mequon Preserve Revision
4. Adjourn

Dated: June 17, 2020

/s/ Carol Bangs, Chair

Notice is hereby given that a quorum of other governmental bodies may be present at this meeting to present, discuss and/or gather information about a subject over which they have decision-making responsibility, although they will not take formal action thereto at this meeting.

Persons with disabilities requiring accommodations for attendance at this meeting should contact the City Clerk's Office at 262-236-2914, twenty-four (24) hours in advance of the meeting.

Any questions regarding this agenda may be directed to the Public Works Office at 262-236-2913, Monday through Friday, 7:00 AM – 3:30 PM.



11333 N. Cedarburg Road
Mequon, WI 53092
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Public Works Department

TREE BOARD
Wednesday, February 5, 2020
6:00 PM
North Conference Room

Minutes

- 1. Call to Order, Roll Call
Chair Bangs called the meeting to order at 6:00 PM.

Present:

Chair Carol Bangs
Vice Chair Cheryl Brickman
Board Member Karen Dredge
Board Member Emily Gehrke
Board Member Clair Krause

Also present was Parks and Forestry Superintendent Gies.

- 2. Approval of Meeting Minutes
a. December 09, 2020 Minutes

The board members approved the minutes with corrections and clarification of December 9, 2019 on the agenda.

RESULT: Approved with Amendments [Unanimous]
MOVED BY: Board Member Brickman
SECONDED BY: Board Member Dredge

AYES: Bangs, Brickman, Dredge, Gehrke, Krause
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- 3. Discussion Items

Discussion and possible action

- a. Enclave

Parks and Forestry Superintendent Gies began the discussion stating it meets all of the criteria based on lane miles so for the linear footage the numbers are there. It is a matter of looking at the list and addressing the issues there.

The following is the list of requirements for adjustments to the street tree plan for Enclave II at Mequon Preserve were recommended by the Tree Board.

Attachment: 02-05-2020 Mins_Tree Board (4991 : February 5, 2020 Minutes)

1. The quantity of the maple species is to high. The total in the existing plan out of 180 trees total is 61 maples. Of those maples the board has recommendations to completely exclude the Amur Maples and the Regal Petticoat Planetree Maple. No more than 30 maples may be utilized in the plan. The board also would prefer if a form of Acer x freemanii was used that it not be Autumn Blaze. Options would be Autumn Fantasy, Sienna Glenn, Redhead.
2. The following species shall be excluded from the plan:
 - Autumn Blaze Pear (8)
 - Flame Amur Maple (7)
 - Muscledwood (4)
 - Regal Petticoat Planetree Maple (10)
 - Prairiefire Crab (2)
 - Turkish Filbert (1)
3. Alternatives for the exclusions are the following:
 - Increase Redbud
 - Increase Serviceberry
 - Cornelian Cherry Dogwood ‘Golden Glory’ single stem
 - Increase ‘Indian Summer’ Crab
 - ‘Adirondack’ Crab
 - Increase Cork Tree
 - ‘Redmond’ Linden
 - ‘Espresso’ Coffee Tree
 - Increase Elm
 - Swamp White Oak
4. The Board would prefer to see straight species Hackberry
5. Groupings of no less than 5-7 of same tree utilized throughout the site
6. Heritage Birch should be utilized around retention ponds
7. Redbud should be utilized in cul du sac areas not on roadside
8. Decrease Red Oak in half and utilize Swamp White/ Bur Oak

RESULT: Failed [Unanimous]
MOVED BY: Board Member Brickman
SECONDED BY: Board Member Dredge

AYES: Bangs, Brickman, Dredge, Gehrke, Krause

4. Information Items

a. Parks and Forestry Superintendent Report

Parks and Forestry Superintendent Gies dicussed the upcoming Arbor Day Celebration, along with the Trees being purchased for the event.

5. Motion to Adjourn at 7:30 PM.

RESULT: **Approved by Voice Acclamation [Unanimous]**

MOVED BY: Board Member Dredge

SECONDED BY: Board Member Krause

AYES: Bangs, Brickman, Dredge, Gehrke, Krause

Respectfully Submitted,

Casey Deuster

TO: Tree Board
FROM: Mike Gies, Parks and Forestry Superintendent
DATE: June 17, 2020
SUBJECT: The Enclave II at Mequon Preserve Revision

Background

The amended street plan for The Enclave II at Mequon Preserve is up for review after adjustments were made by the Tree Board. The property is located west of Wauwatosa Rd. and North of Donges Bay Rd. The proposal is being submitted by Trees on the Move on behalf of Veridian Homes. Phase one of the development consists of 26 building sites, with the first phase entering off Wauwatosa Rd. and going to the West. The roadway consists of 2169LF of road, this includes one cul du sac and a hammerhead turnaround. (144) trees are proposed on 30' centers throughout phase 1 of the development. Additionally, (36) trees will be planted along the Wauwatosa Road entrance on berms that will be established as part of the development. The plantings are within the right of way for Wauwatosa Road and should be reviewed and approved. Native trees were encouraged, with emphasis on at least native based cultivars or hardy urban tolerant alternatives.

Analysis

On Wednesday February 5th the Tree Board voted to have the applicant make necessary adjustments and resubmit the plan for approval at the next Tree Board meeting in March.

1. The quantity of the maple species is too high. The total in the existing plan out of 180 trees total is 61 maples. Of those maples the board has recommendations to completely exclude the Amur Maples and the Regal Petticoat Planetree Maple. No more than 30 maples may be utilized in the plan. The board also would prefer if a form of *Acer x freemanii* was used that it not be Autumn Blaze. Options would be Autumn Fantasy, Sienna Glenn, Redhead.
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 - Increase 'Indian Summer' Crab
 - 'Adirondack' Crab
 - Increase Cork Tree
 - 'Redmond' Linden
 - 'Espresso' Coffee Tree
 - Increase Elm

- Swamp White Oak
- 4. The Board would prefer to see straight species Hackberry
- 5. Groupings of no less than 5-7 of same tree utilized throughout the site
- 6. Heritage Birch should be utilized around retention ponds
- 7. Redbud should be utilized in cul du sac areas not on roadside
- 8. Decrease Red Oak in half and utilize Swamp White/ Bur Oak

Fiscal Impact

There is no cost to the city associated with the recommendation.

Recommendation

Staff recommends approval of The Enclave II at Mequon Preserve, street tree plan; provided the conditional list above plus other recommended adjustments are made. The approval is based on the installation of (180) street trees along with **mulching, staking, and watering plan**. The city forester will inspect the nursery stock **prior** to planting and approve the crews handling, planting depths, and mulching practices. Staking will be necessary for all installed trees due to the lack of existing homes and other vegetation that would normally act as a wind block. Also required, is a planting schedule/approximate date for planting. It will be the responsibility of the developer or contracted installer to arrange with the Parks and Forestry Superintendent for inspection.

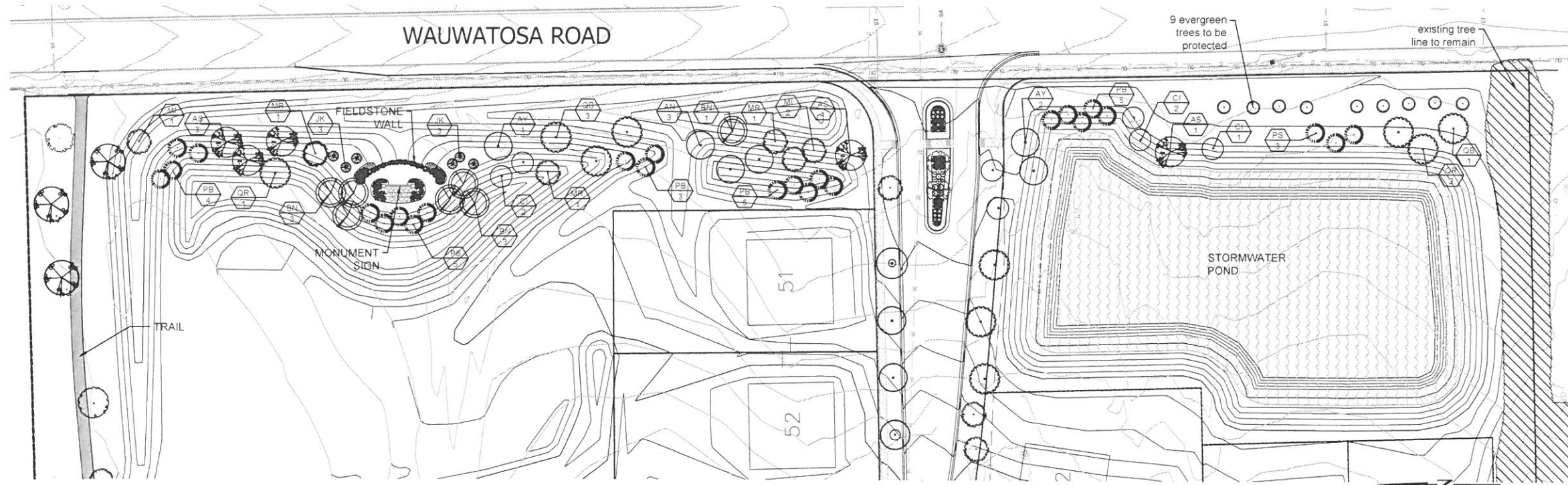
Attachments:

Landscape Development Enclave II at Mequon Preserve (PDF)

2020.03.12 EMP IV Revised Street Tree Breakdown (PDF)

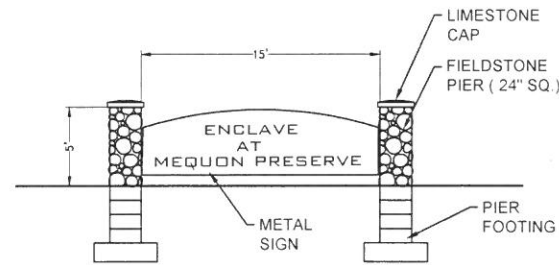


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WAWAUTOSA ROAD LANDSCAPE PLAN

0 40' 80'
Horizontal Scale In Feet



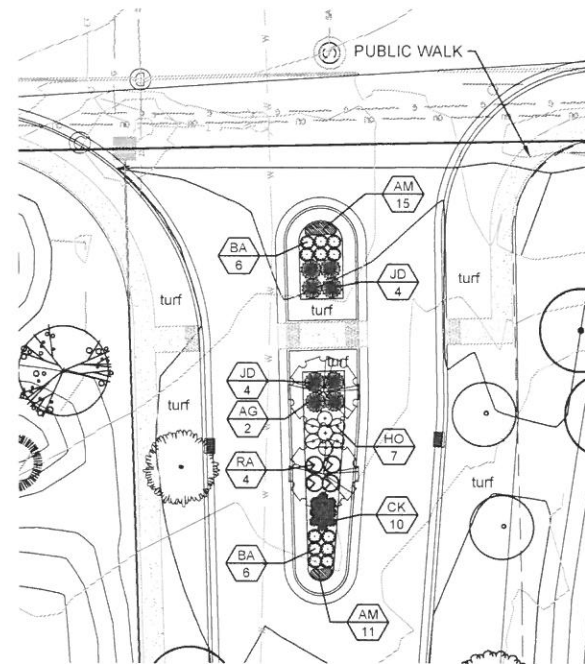
MONUMENT SIGN ELEVATION
N.T.S.

Street Tree Schedule Sheet L1.10

Key	Botanical Name	Common Name	Qty.	Size	Root	Spacing
SHADE TREES (TALL)						
AY	Acer x 'freemani' 'Autumn Fantasy'	Autumn Fantasy Maple	3	3" Cal	B&B	as shown
AN	Acer x 'freemani' 'Sierra Glen'	Sierra Glen Maple	3	3" Cal	B&B	as shown
AS	Acer saccharum 'Legacy'	Legacy Sugar Maple	5	3" Cal	B&B	as shown
QB	Quercus bicolor	Swamp White Oak	4	3" Cal	B&B	as shown
QR	Quercus rubra	Red Oak	3	3" Cal	B&B	as shown
SHADE TREES (MEDIUM)						
BN	Betula nigra 'Heritage'	Heritage River Birch	7	2.5-3" Cal	B&B	as shown
SHADE TREES (LOW)						
CI	Crataegus crusgalli var. 'Inermis'	Thornless Cockspur Hawthorn	5	2.5-3" Cal	B&B	as shown
MI	Malus 'Indian Magic'	Indian Magic Crab	3	2.5-3" Cal	B&B	as shown
MR	Malus 'Red Jewel'	Red Jewel Crab	3	2.5-3" Cal	B&B	as shown

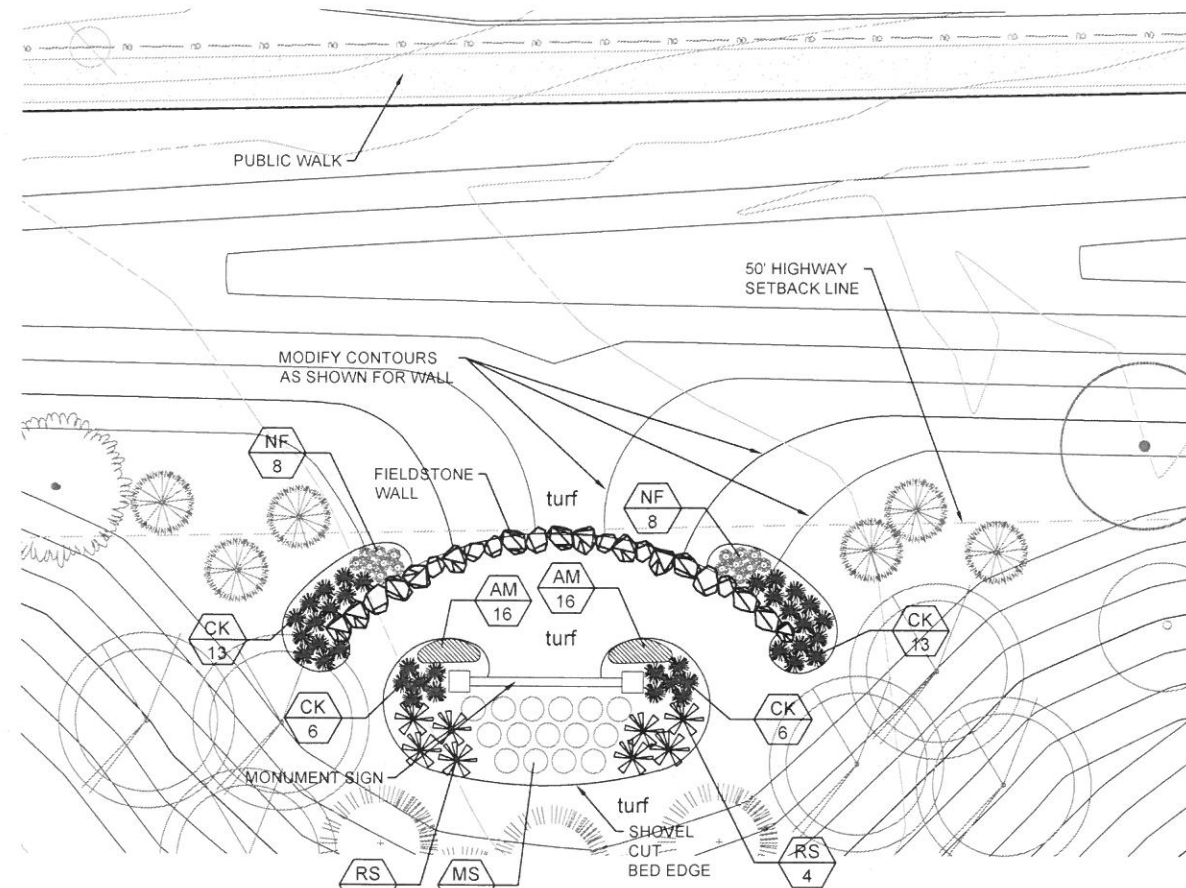
Plant Schedule Sheet L1.10

Key	Botanical Name	Common Name	Qty.	Size	Root	Spacing
ORNAMENTAL TREES						
AG	Amelanchier x 'grandiflora' 'Autumn Brilliance'	Apple Serviceberry	2	2.5-3" Cal	B&B	as shown
EVERGREEN TREES						
JK	Juniperus chinensis 'Keteleeri'	Keteleer Juniper	6	5' High	B&B	as shown
PB	Picea abies	Norway Spruce	17	7' High	B&B	as shown
PS	Pinus strobus	Eastern White Pine	8	7' High	B&B	as shown
EVERGREEN SHRUBS						
JD	Juniperus x pfitzeriana 'Daub's Frosted'	Daub's Frosted Juniper	8	18" spread	Container	48" o.c.
DECIDUOUS SHRUBS						
BA	Berberis thunbergii 'Admiral'	Admiral Barberry	12	15" High	Container	30" o.c.
HO	Hydrangea paniculata 'Bobo'	Bobo Hydrangea	7	24" High	Container	40" o.c.
RA	Rhus aromatica 'Grow Low'	Grow Low Sumac	4	18" High	Container	3' o.c.
RS	Rhus typhina 'Bailtiger'	Tiger Eyes Sumac	8	20" High	Container	4' o.c.
PERENNIALS/GRASSES						
AM	Allium x Millenium	Millenium Globe Lily	58	1 Gal.	Container	12" o.c.
CK	Calamagrostis acutiflora 'Avalanche'	Avalanche Calamagrostis	48	1 Gal.	Container	20" o.c.
MS	Miscanthus sinensis 'Strictus'	Porcupine Grass	15	1 Gal.	Container	36" o.c.
NF	Nepeta faassenii 'Walkers Low'	Walkers Low Cat Mint	16	1 Gal.	Container	20" o.c.



ENTRANCE LANDSCAPE PLAN

0 20' 40'
Horizontal Scale In Feet



MONUMENT SIGN LANDSCAPE PLAN

0 10' 20'
Horizontal Scale In Feet



LANDSCAPE DEVELOPMENT FOR
THE ENCLAVE II AT MEQUON PRESERVE
N. WAUWATOSA ROAD
MEQUON, WISCONSIN

LANDSCAPE ARCHITECTURE

DESIGN BY: GAR
DRAWN BY: GAR
DATE: 12/09/2019
REVISED: 1/15/2020
2/17/2020
SCALE: VARIES
SHEET: L1.10

TREES ON THE MOVE

5611 S. Calhoun Road
New Berlin, WI 53151
Phone: (262) 679-5200
treesonthemove.com



PLANTINGS, STRUCTURES AND OTHER REPRESENTATIONS SHOWN ON THIS PLAN ARE FOR THE PURPOSE OF CONVEYING LANDSCAPE DESIGN FEATURES. REFER TO PREPARED CONTRACT DOCUMENTS FOR SPECIFIC ITEMS INCLUDED IN ANY PARTICULAR PHASE OF LANDSCAPE CONSTRUCTION.



WISCONSIN'S LARGEST TREE TRANSPLANTERS

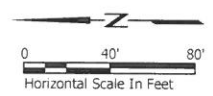
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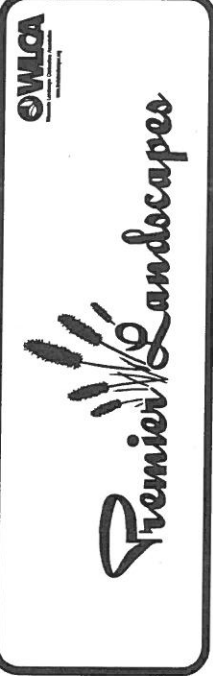
Tree Schedule Sheet L1.30

Key	Botanical Name	Common Name	Qty.	Size	Root	Spacing
SHADE TREES (TALL)						
AF	Acer x freemanii 'Autumn Fantasy'	Autumn Fantasy Maple	1	3" Cal.	B&B	as shown
AN	Acer x freemanii 'Sienna Glen'	Sienna Glen Maple	2	3" Cal.	B&B	as shown
AM	Acer miyabei 'Morton' State Street	State Street Maple	4	3" Cal.	B&B	as shown
AS	Acer saccharum 'Legacy'	Legacy Sugar Maple	3	3" Cal.	B&B	as shown
CO	Celtis occidentalis	Common Hackberry	6	3" Cal.	B&B	as shown
GB	Ginkgo biloba 'Autumn Gold'	Autumn Gold Ginkgo	4	3" Cal.	B&B	as shown
GT	Gleditsia triacanthos 'Shademaster'	Shademaster Honeylocust	7	3" Cal.	B&B	as shown
GD	Gymnocladus dioica	Kentucky Coffeetree	6	3" Cal.	B&B	as shown
QB	Quercus bicolor	Swamp White Oak	7	3" Cal.	B&B	as shown
QR	Quercus rubra	Red Oak	6	3" Cal.	B&B	as shown
TR	Tilia x euchlora 'Redmond'	Redmond Linden	6	3" Cal.	B&B	as shown
UR	Ulmus 'Regal'	Regal Elm	5	3" Cal.	B&B	as shown
SHADE TREES (MEDIUM)						
PA	Phellodendron amurense 'Macho'	Macho Amur Corktree	5	2.5-3" Cal.	B&B	as shown
OV	Ostrya virginiana	Amer. Hophornbeam / Ironwood	4	2.5-3" Cal.	B&B	as shown
SHADE TREES (LOW)						
AG	Amelanchier x grandiflora 'Autumn Brilliance'	Apple Serviceberry	6	2.5-3" Cal.	B&B	as shown
CN	Cercis canadensis	Eastern Redbud	5	2.5-3" Cal.	B&B	as shown
CM	Cornus mas 'Golden Glory'	Golden Glory Cornelian Cherry	5	1.5-2" Cal.	B&B	as shown
CI	Cotulaeagus crugallii var. Inermis	Thornless Cocksbur Hawthorn	5	2.5-3" Cal.	B&B	as shown
MA	Malus 'Adirondack'	Adirondack Crab	6	2.5-3" Cal.	B&B	as shown
MI	Malus 'Indian Summer'	Indian Summer Crab	7	2.5-3" Cal.	B&B	as shown
MR	Malus 'Red Jewel'	Red Jewel Crab	5	2.5-3" Cal.	B&B	as shown
SR	Syringa reticulata 'hory Silk'	hory Silk Tree Lilac	7	2.5-3" Cal.	B&B	as shown

PHASE ONE STREET TREE PLAN
LOTS 51-63 & 125-132



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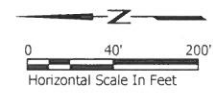
TREES ON THE MOVE
5611 S. Calhoun Road
New Berlin, WI 53115
Phone: (262) 679-5200
treesonthe-move.com



Tree Schedule Sheet L1.31

Key	Botanical Name	Common Name	Qty.	Size	Root	Spacing
SHADE TREES (TALL)						
AF	Acer x freemanii 'Autumn Blaze'	Autumn Blaze Maple	1	3" Cal.	B&B	as shown
AY	Acer x freemanii 'Autumn Fantasy'	Autumn Fantasy Maple	2	3" Cal.	B&B	as shown
AN	Acer x freemanii 'Sienna Glen'	Sienna Glen Maple	2	3" Cal.	B&B	as shown
AS	Acer saccharum 'Legacy'	Legacy Sugar Maple	2	3" Cal.	B&B	as shown
CO	Celtis occidentalis	Common Hackberry	1	3" Cal.	B&B	as shown
GT	Gleditsia triacanthos 'Shademaster'	Shademaster Honeylocust	1	3" Cal.	B&B	as shown
QM	Quercus macrocarpa	Bur Oak	3	3" Cal.	B&B	as shown
TR	Tilia x euchlora 'Redmond'	Redmond Linden	4	3" Cal.	B&B	as shown
UR	Ulmus 'Regal'	Regal Elm	3	3" Cal.	B&B	as shown
SHADE TREES (MEDIUM)						
PA	Phellodendron amurense 'Macho'	Macho Amur Corktree	2	2.5-3" Cal.	B&B	as shown
SHADE TREES (LOW)						
AG	Amelanchier x grandiflora 'Autumn Brilliance'	Apple Serviceberry	1	2.5-3" Cal.	B&B	as shown
CI	Crataegus crusgalli var. inermis	Thornless Cockspur Hawthorn	1	2.5-3" Cal.	B&B	as shown
MA	Malus 'Adirondack'	Adirondack Crab	1	2.5-3" Cal.	B&B	as shown
MI	Malus 'Indian Summer'	Indian Summer Crab	1	2.5-3" Cal.	B&B	as shown
SR	Syringa reticulata 'Ivory Silk'	Ivory Silk Tree Lilac	4	2.5-3" Cal.	B&B	as shown

**PHASE ONE STREET TREE PLAN
LOTS 64-67 & 123-124**



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THE ENCLAVE II AT MEQUON PRESERVE
N. WAUWATOSA ROAD
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SCALE: 1"=40'-0"
SHEET: L1.31

TREES ON THE MOVE
5611 S. Calhoun Road
New Berlin, WI 53151
Phone: (262) 679-5200
treesonthemove.com

EMP IV Street Tree Breakdown		
Tree Name	# of trees	% of Total
Autumn Blaze Maple	5	2.78%
Autumn Fantasy Maple	4	2.22%
Sienna Glen Maple	9	5.00%
Common Hackberry	7	3.89%
Autumn Gold Ginko	4	2.22%
Swamp White Oak	11	6.11%
Redmond Linden	10	5.56%
State Street Maple	3	1.67%
Legacy Sugar Maple	10	5.56%
Shademaster Honeylocust	8	4.44%
Kentucky Coffeetree	6	3.33%
Red Oak	9	5.00%
Regal Elm	8	4.44%
Heritage River Birch	7	3.89%
Macho Amur Corktree	7	3.89%
Ironwood	4	2.22%
Apple Serviceberry	7	3.89%
Eastern Redbud	5	2.78%
Thornless Cockspur Hawthorn	11	6.11%
Indian Summer Crab	11	6.11%
Golden Glory Cornelian Cherry	5	2.78%
Adirondak Crab	7	3.89%
Bur Oak	3	1.67%
Red Jewel Crab	8	4.44%
Ivory Silt Tree Lilac	11	6.11%
TOTAL	180	100.00%

Attachment: 2020.03.12 EMP IV Revised Street Tree Breakdown (4990 : The Enclave II at Mequon Preserve Revision)