



11333 N. Cedarburg Road
Mequon, WI 53092
Phone: 262-236-2913
Fax: 262-242-9655

www.ci.mequon.wi.us

Public Works Department

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

Agenda

1. Call to Order, Roll Call
2. Approval of Meeting Minutes
 - a. December 09, 2020 Minutes
3. Discussion Items

Discussion and possible action

 - a. Enclave
4. Information Items
 - a. Parks and Forestry Superintendent Report
5. Adjourn

Dated: February 5, 2020

/s/ Cheryl Brickman, 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.



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Public Works Department

TREE BOARD
Monday, December 9, 2019
6:00 PM
North Conference Room

Minutes

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

Present:

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

Also present was Parks and Forestry Superintendent Gies.

- 2. Approval of Meeting Minutes

- a. March 13, 2019 Minutes

RESULT: **Approved [Unanimous]**

MOVED BY: Board Member Brickman

SECONDED BY: Board Member Krause

AYES: Bangs, Brickman, Dredge, Gehrke, Krause
--

- 3. Ordinances

Action requested: review and recommend approval

- a. **ORDINANCE 2019-1561** An Ordinance Repealing and Recreating Chapter 50, Article II of the Mequon Municipal Code Relating to Nuisance Trees

Parks and Forestry Superintendent Gies provided a background on why the nuisance tree ordinance was adjusted and what the changes were. The current ordinance would be a financial hardship for residents and this would allow them to create a plan to have the nuisance trees removed. The ordinance is not specific to just ash trees, it will cover all trees.

The board went through the ordinance and recommended corrections and provided feedback.

Attachment: 12-09-19 Mins_Tree Board (4851 : December 09, 2020 Minutes)

Parks and Forestry Superintendent Gies clarified the city is looking for compliance from residents when they have been notified of a nuisance tree and getting it topped, or removed.

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

MOVED BY: Board Member Bangs

SECONDED BY: Board Member Krause

AYES: Bangs, Brickman, Dredge, Gehrke, Krause

4. Motion to Adjourn at 7:42 PM.

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

MOVED BY: Board Member Krause

SECONDED BY: Board Member Gehrke

AYES: Bangs, Brickman, Dredge, Gehrke, Krause

Respectfully Submitted,

Casey Deuster

Attachment: 12-09-19 Mins_Tree Board (4851 : December 09, 2020 Minutes)



TO: Tree Board
FROM: Mike Gies, Parks and Forestry Superintendent
DATE: February 5, 2020
SUBJECT: Enclave

Background

The street plan for The Enclave II at Mequon Preserve is up for review. 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

The plan submitted by Veridian/ Trees on the Move, does meet all the general requirements for spacing and quantity from the City of Mequon's tree planting policy. Tree groupings are suggested, adjustments should be made to space out similar groupings on opposite sides of the road. Alternative tree varieties should be discussed depending on space in the cul-de-sac. Suggestions for smaller scale trees would include: Musclewood, Turkish Filbert, Corneliancherry Dogwood, and Emerald Spire Crabapple.

The only inconsistency is the use of greater quantities of the same species within the proposed plan. Four different Maples are proposed with a total of (61) Maples out of (180) trees. Maples account for 33.89% of the total trees proposed. As has been preference in the past, the Board would prefer to see no more than 15-20% of any one species utilized in a development.

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:

Copy of EMP IV Street Tree Breakdown (PDF)

Enclave II-L100 (PDF)

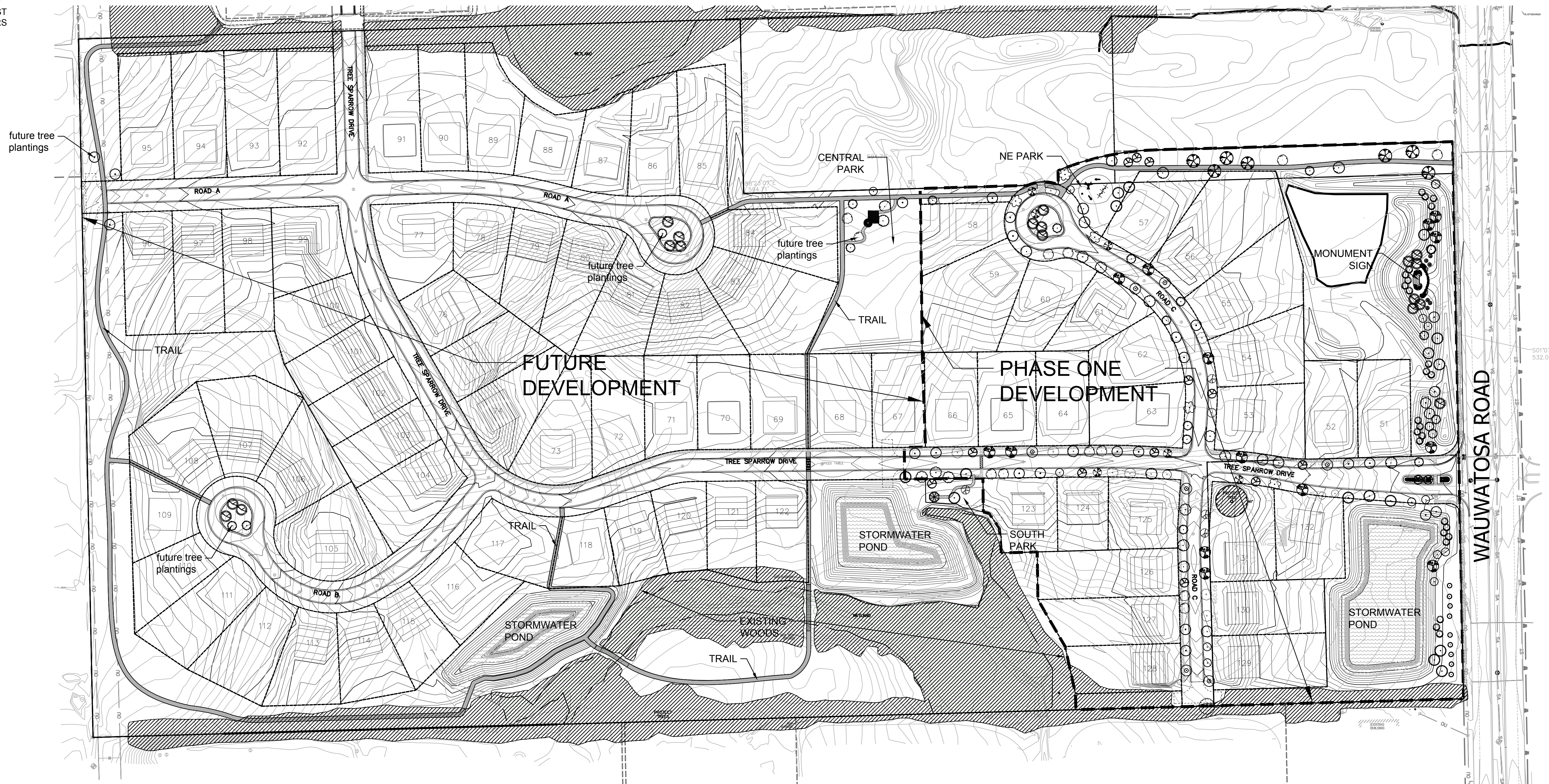
Enclave II-L1.10 (PDF)

Enclave II-L1.30 (PDF)

Enclave II-L1.31 (PDF)

EMP IV Street Tree Breakdown		
Tree Name	# of trees	% of Total
Autumn Blaze Maple	23	12.78%
State Street Maple	7	3.89%
Regal Petticoat Plantree Maple	10	5.56%
Legacy Sugar Maple	14	7.78%
Prairie Pride Hackberry	7	3.89%
Shademaster Honeylocust	8	4.44%
Kentucky Coffeetree	5	2.78%
Red Oak	23	12.78%
Regal Elm	8	4.44%
Heritage River Birch	11	6.11%
Macho Amur Corktree	2	1.11%
Autumn Blaze Pear	8	4.44%
Flame Amur Maple	7	3.89%
Apple Serviceberry	3	1.67%
Musclewood	4	2.22%
Eastern Redbud	2	1.11%
Thornless Cockspur Hawthorn	11	6.11%
Indian Summer Crab	5	2.78%
Prairiefire Crab	2	1.11%
Red Jewel Crab	8	4.44%
Ivory Silt Tree Lilac	11	6.11%
Turkish Filbert	1	0.56%
TOTAL	180	100.00%

Attachment: Copy of EMP IV Street Tree Breakdown (4810 : The Enclave II at Mequon Preserve)



STREET TREE CALCULATIONS

REQUIRED STREET TREE RATE - 1 TREE PER 30 LN. FT. OF STREET FRONTAGE (ONE SIDE)

TOTAL LINEAL STREET FOOTAGE (PHASE ONE) - 2,169 Ft.

WAUWATOSA ROAD STREET FRONTAGE - 1,053 Ft. (ONE SIDE ONLY)

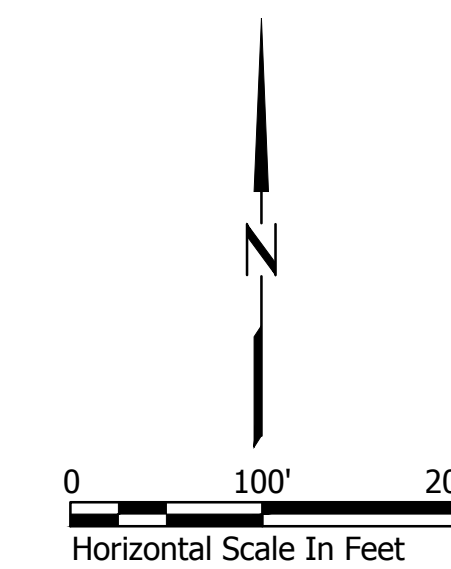
REQUIRED STREET TREE QUANTITIES

2,169 FT. divide by 30 = 72 X 2 (BOTH SIDES) = 144 TREES

1,053 FT. divide by 30 = 35 TREES

179 TOTAL TREES REQUIRED

OVERALL LANDSCAPE PLAN



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.

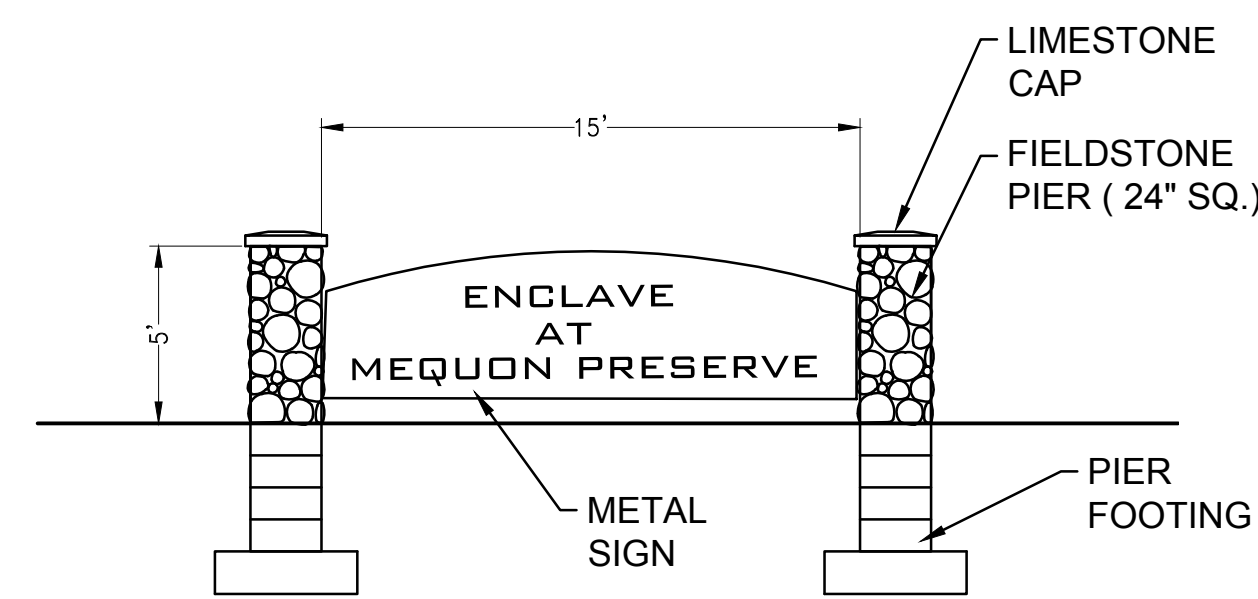
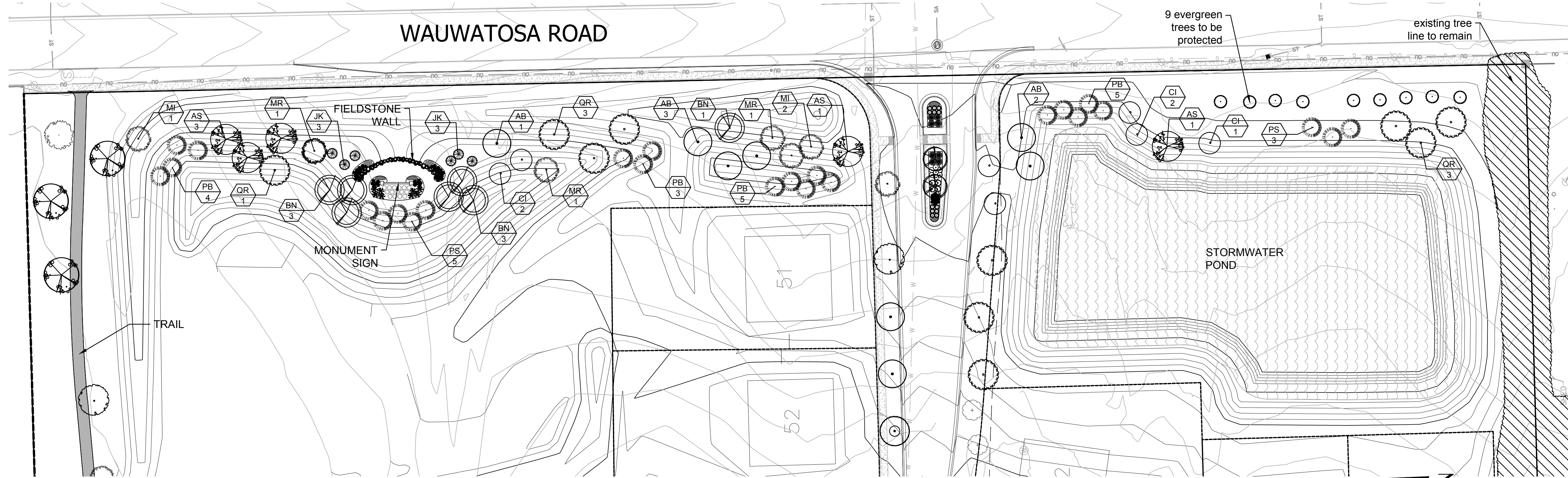
3.a.b

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
 SCALE: 1"=100'-0"
 SHEET: L100

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





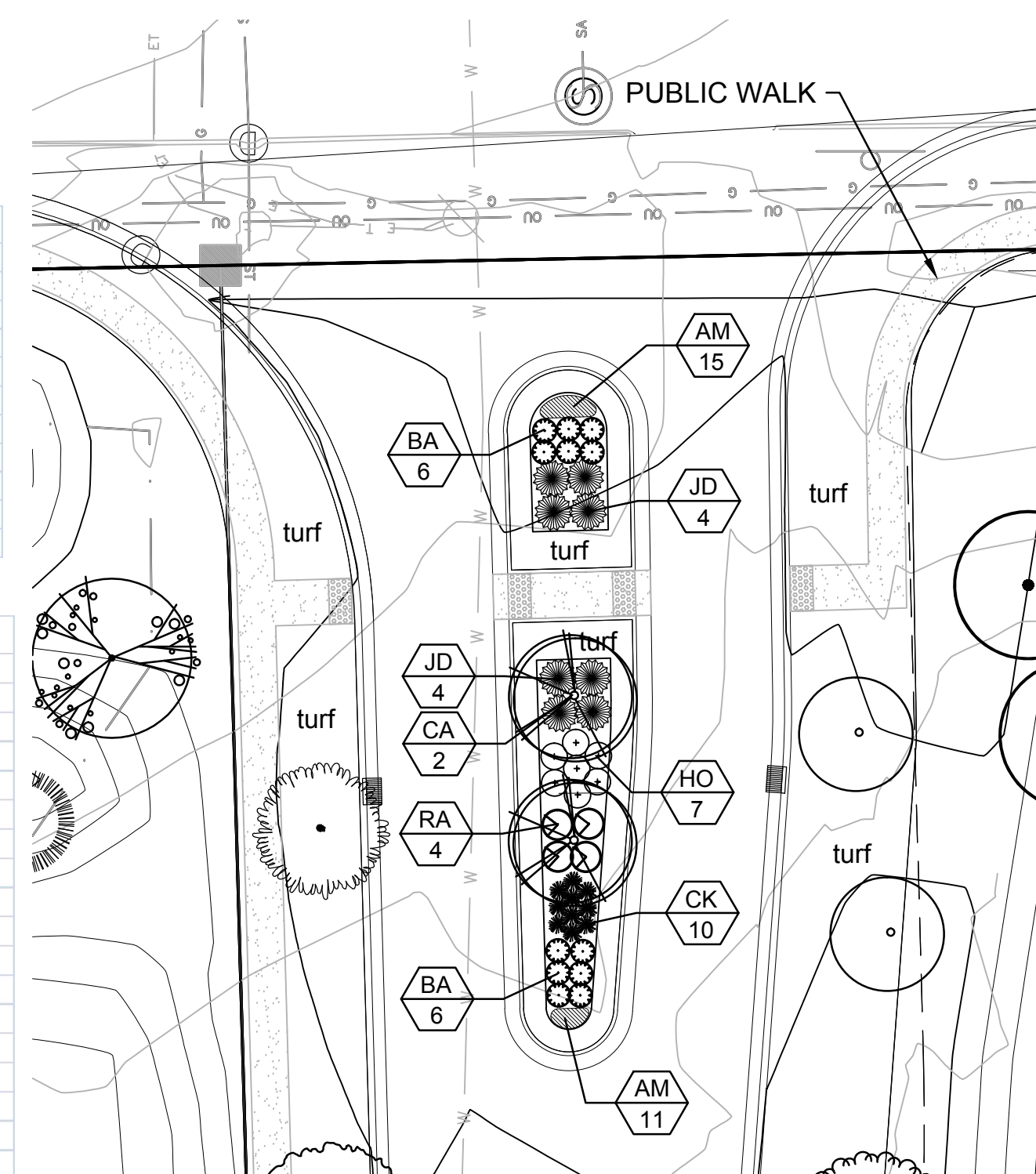
MONUMENT SIGN ELEVATION
N.T.S.

Street Tree Schedule Sheet L1.10

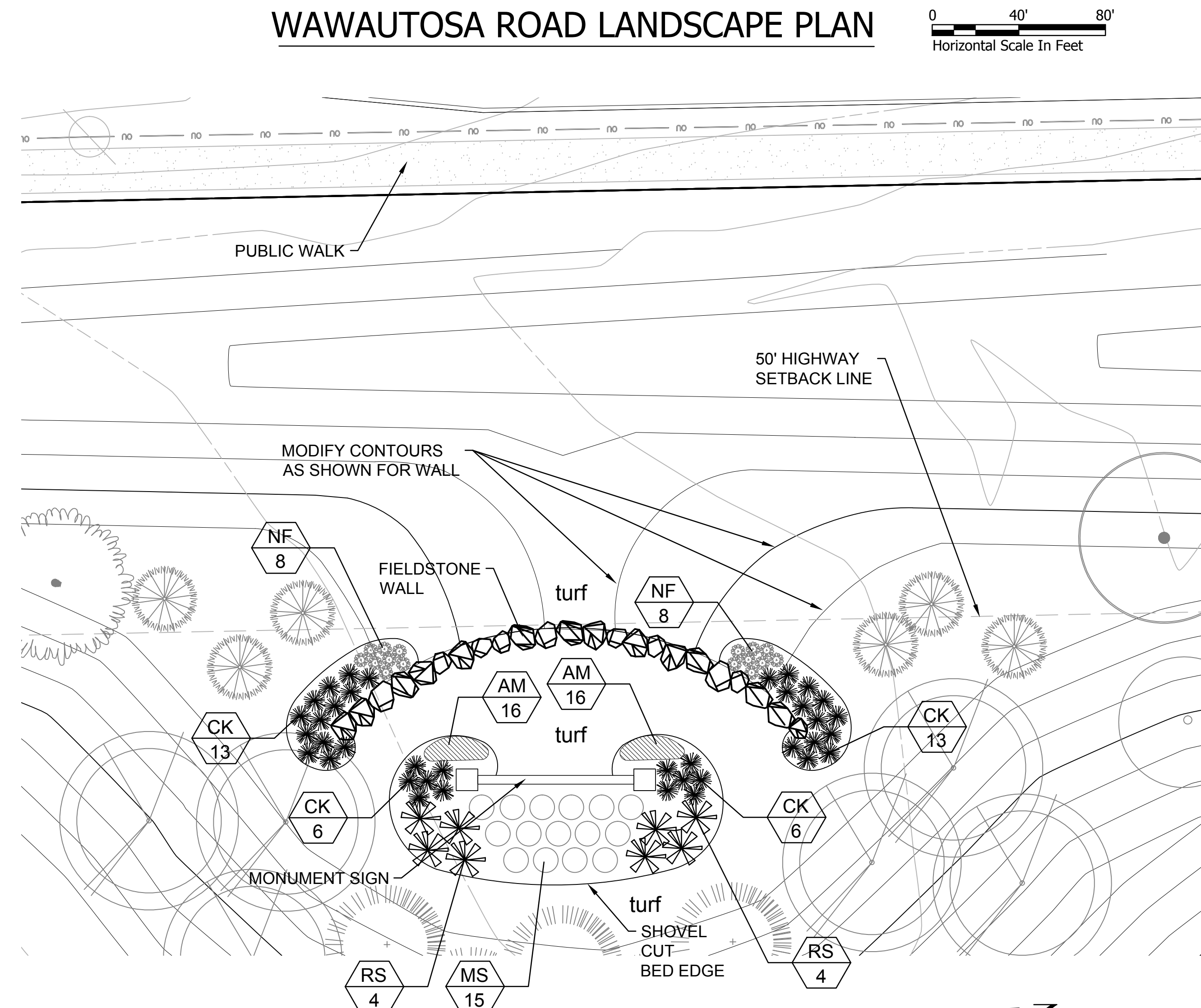
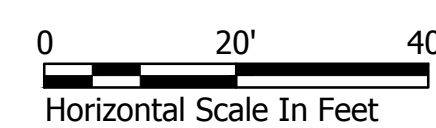
Key	Botanical Name	Common Name	Qty.	Size	Root	Spacing
SHADE TREES (TALL)						
AF	<i>Acer x freemanii</i> 'Autumn Blaze'	Autumn Blaze Maple	6	3" Cal.	B&B	as shown
AS	<i>Acer saccharum</i> 'Legacy'	Legacy Sugar Maple	5	3" Cal.	B&B	as shown
QR	<i>Quercus rubra</i>	Red Oak	7	3" Cal.	B&B	as shown
SHADE TREES (MEDIUM)						
BN	<i>Betula nigra</i> 'Heritage'	Heritage River Birch	7	2.5-3" Cal.	B&B	as shown
SHADE TREES (LOW)						
CI	<i>Crataegus crusgalli</i> var. <i>Inermis</i>	Thornless Cockspur Hawthorn	5	2.5-3" Cal.	B&B	as shown
MI	<i>Malus</i> 'Indian Magic'	Indian Magic Crab	3	2.5-3" Cal.	B&B	as shown
MR	<i>Malus</i> 'Red Jewel'	Red Jewel Crab	3	2.5-3" Cal.	B&B	as shown

Plant Schedule Sheet L1.10

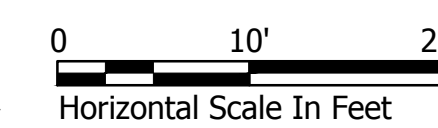
Key	Botanical Name	Common Name	Qty.	Size	Root	Spacing
ORNAMENTAL TREES						
CA	<i>Carpinus caroliniana</i>	Musclewood	2	2.5-3" Cal.	B&B	as shown
EVERGREEN TREES						
JK	<i>Juniperus chinensis</i> 'Keteleeri'	Keteleer Juniper	6	5' High	B&B	as shown
PB	<i>Picea abies</i>	Norway Spruce	17	7" High	B&B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



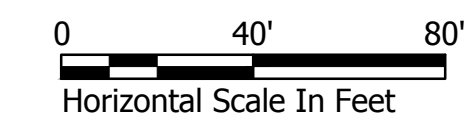
ENTRANCE LANDSCAPE PLAN



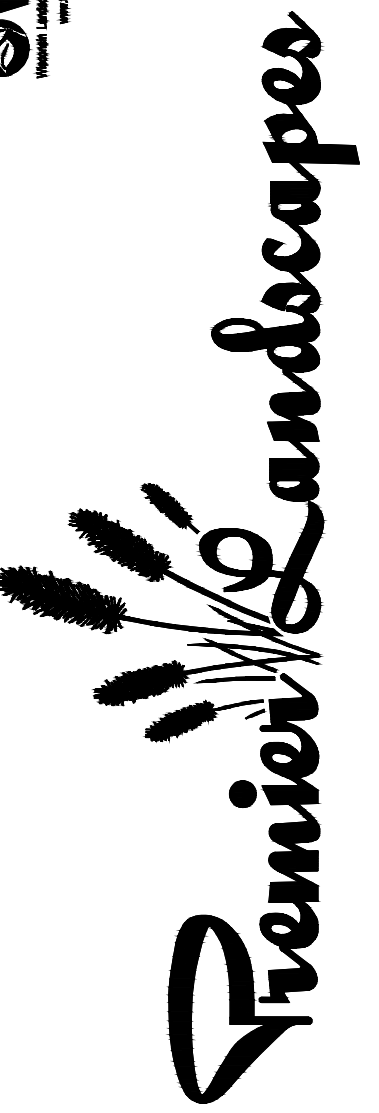
MONUMENT SIGN LANDSCAPE PLAN



WAWAUTOSA ROAD LANDSCAPE PLAN



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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

SCALE: VARIES

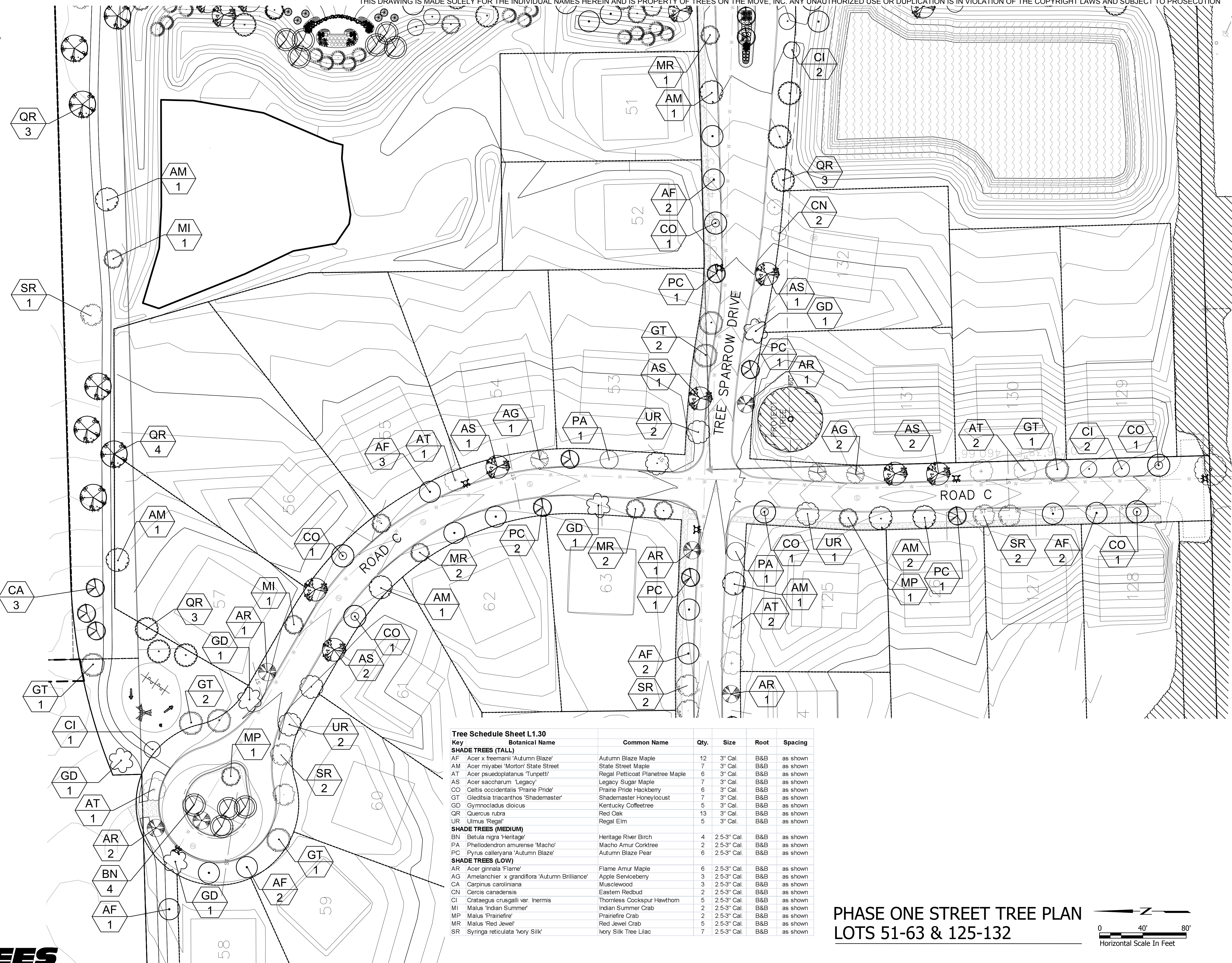
SHEET: L1.10



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



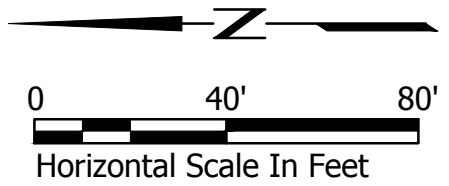
THIS DRAWING IS MADE SOLELY FOR THE INDIVIDUAL NAMES HEREIN AND IS PROPERTY OF TREES ON THE MOVE, INC. ANY UNAUTHORIZED USE OR DUPLICATION IS IN VIOLATION OF THE COPYRIGHT LAWS AND SUBJECT TO PROSECUTION



Tree Schedule Sheet L1.30

Key	Botanical Name	Common Name	Qty.	Size	Root	Spacing
SHADE TREES (TALL)						
AF	Acer x freemanii 'Autumn Blaze'	Autumn Blaze Maple	12	3" Cal.	B&B	as shown
AM	Acer miyabei 'Morton' State Street	State Street Maple	7	3" Cal.	B&B	as shown
AT	Acer pseudoplatanus 'Tunpett'	Regal Peticcoat Planetree Maple	6	3" Cal.	B&B	as shown
AS	Acer saccharum 'Legacy'	Legacy Sugar Maple	7	3" Cal.	B&B	as shown
CO	Celtis occidentalis 'Prairie Pride'	Prairie Pride Hackberry	6	3" Cal.	B&B	as shown
GT	Gleditsia triacanthos 'Shademaster'	Shademaster Honeylocust	7	3" Cal.	B&B	as shown
GD	Gymnocladus dioica	Kentucky Coffeetree	5	3" Cal.	B&B	as shown
QR	Quercus rubra	Red Oak	13	3" Cal.	B&B	as shown
UR	Ulmus 'Regal'	Regal Elm	5	3" Cal.	B&B	as shown
SHADE TREES (MEDIUM)						
BN	Betula nigra 'Heritage'	Heritage River Birch	4	2.5-3" Cal.	B&B	as shown
PA	Phellodendron amurense 'Macho'	Macho Amur Corktree	2	2.5-3" Cal.	B&B	as shown
PC	Pyrus calleryana 'Autumn Blaze'	Autumn Blaze Pear	6	2.5-3" Cal.	B&B	as shown
SHADE TREES (LOW)						
AR	Acer ginnala 'Flame'	Flame Amur Maple	6	2.5-3" Cal.	B&B	as shown
AG	Amelanchier x grandiflora 'Autumn Brilliance'	Apple Serviceberry	3	2.5-3" Cal.	B&B	as shown
CA	Carpinus caroliniana	Musclewood	3	2.5-3" Cal.	B&B	as shown
CN	Cercis canadensis	Eastern Redbud	2	2.5-3" Cal.	B&B	as shown
CI	Crataegus crusgalli var. inermis	Thornless Cocksbur Hawthorn	5	2.5-3" Cal.	B&B	as shown
MI	Malus 'Indian Summer'	Indian Summer Crab	2	2.5-3" Cal.	B&B	as shown
MP	Malus 'Prairiefire'	Prairiefire Crab	2	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 'Ivory Silk'	Ivory 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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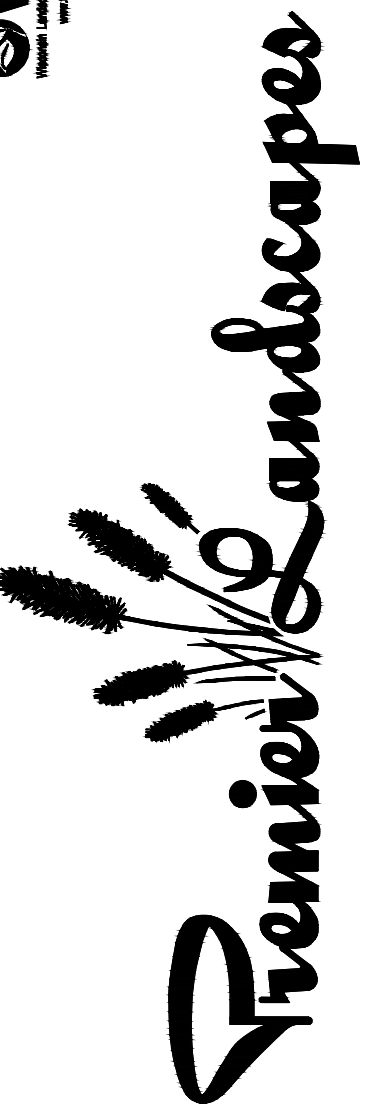
3.a.d

Premier Landscapes

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:
SCALE: 1"=40'-0"
SHEET: L1.30

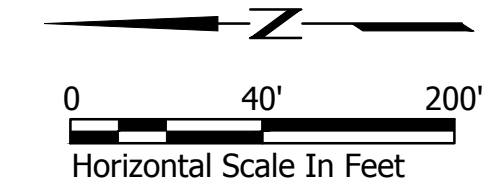
TREES ON THE MOVE
5611 S. Calhoun Road
New Berlin, WI 53151
Phone: (262) 679-5200
treesonthemove.com



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	5	3" Cal.	B&B	as shown
AT	Acer psuedoplatanus 'Tunpetti'	Regal Petticoat Planetree Maple	4	3" Cal.	B&B	as shown
AS	Acer saccharum 'Legacy'	Legacy Sugar Maple	2	3" Cal.	B&B	as shown
CO	Celtis occidentalis 'Prairie Pride'	Prairie Pride Hackberry	1	3" Cal.	B&B	as shown
GT	Gleditsia triacanthos 'Shademaster'	Shademaster Honeylocust	1	3" Cal.	B&B	as shown
QR	Quercus rubra	Red Oak	3	3" Cal.	B&B	as shown
UR	Ulmus 'Regal'	Regal Elm	3	3" Cal.	B&B	as shown
SHADE TREES (MEDIUM)						
CC	Corylus columa	Turkish Filbert	1	2.5-3" Cal.	B&B	as shown
PC	Pyrus calleryana 'Autumn Blaze'	Autumn Blaze Pear	2	2.5-3" Cal.	B&B	as shown
SHADE TREES (LOW)						
AR	Acer ginnala 'Flame'	Flame Amur Maple	1	2.5-3" Cal.	B&B	as shown
CA	Carpinus caroliniana	Musclewood	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
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



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:
SCALE: 1"=40'-0"
SHEET: L1.31



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



11333 N. Cedarburg Road
Mequon, WI 53092-1930
Phone: 262-236-2918
Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Parks and Forestry

TO: Tree Board
FROM: Mike Gies, Parks and Forestry Superintendent
DATE: February 5, 2020
SUBJECT: Parks and Forestry Superintendent Report

Parks and Forestry Superintendent update:

- Arbor Day- April 26th River Barn
 1. Tree selection
 2. Exhibitor input
- Nuisance Tree Policy- update
- Potential attendance at March 18th Park and Open Space Meeting
- Highland Woods Forestry Mowing
- Winter tree removal update

Attachments:

2020 Tree Purchased List Oz County (PDF)

OZAUKEE COUNTY LAND AND WATER MANAGEMENT DEPARTMENT TREE, SHRUB, AND PRAIRIE GRASS & WILDFLOWER SEED ORDER FORM

4.a.a

http://www.co.ozaukee.wi.us/LandWaterManagement/Index.htm



**Order Deadline
February 28, 2020**

All requests for tree, shrubs, and prairie grass & wildflower seed must adhere to the terms below.

Order trees and shrubs in multiples of 25. Orders of fewer than 25 of a single species will not be accepted. Delivery date is approximately mid- to late-April. You will be notified by postcard.

Any order not picked up on the specified delivery date will be disposed of...stock is perishable. No refunds.

Payment in full must accompany order

Please make check payable to **OZAUKEE COUNTY**. Mail with the order form to:
Ozaukee County
LWM Dept.
P.O. Box 994
Port Washington,
53074-0994



NABS Style

Packet Pg. 12

EVERGREENS	Price Per 25	x	# Bundles	Total \$ Amt	Size	Age Yr
BALSAM FIR	\$33.00	x		=	12-16"	2-3
WHITE CEDAR	\$48.00	x		=	2-3'	2-2
WHITE PINE	\$26.00	x	3	= 78.00	7-15"	2-2
WHITE SPRUCE	\$28.00	x	4	= 112.00	7-15"	2-2
DECIDUOUS TREES						
BLACK CHERRY	\$28.00	x	4	= 112.00	2-3'	1-0
BUR OAK	\$26.00	x		=	18-24"	1-0
HOPHORNBEAM	\$48.00	x		=	2-3'	1-0
NORTHERN RED OAK	\$34.00	x		=	2-3'	1-0
PAPER BIRCH	\$31.00	x		=	2-3'	1-0
QUAKING ASPEN	\$37.00	x	3	= 111.00	18-24"	1-0
RED MAPLE	\$31.00	x		=	2-3'	1-0
RIVER BIRCH	\$31.00	x	3	= 93.00	2-3'	1-0
SHAGBARK HICKORY	\$45.00	x		=	12-18"	2-0
SILVER MAPLE	\$30.00	x		=	2-3'	1-0
SUGAR MAPLE	\$33.00	x	4	= 132.00	18-24"	2-0
SWAMP WHITE OAK	\$28.00	x	4	= 112.00	18-24"	1-0
TAMARACK	\$29.00	x	5	= 145.00	12-18"	1-0
WHITE OAK	\$28.00	x		=	18-24"	1-0
WILDLIFE SHRUBS						
AMERICAN ELDERBERRY	\$31.00	x	4	= 124.00	2-3'	1-0
COMMON CHOKECHERRY	\$23.00	x	3	= 69.00	12-18"	1-0
COMMON WITCHHAZEL	\$31.00	x		=	12-18"	1-0
GRAY DOGWOOD	\$31.00	x		=	2-3'	1-0
HAZELNUT	\$36.00	x		=	18-24"	1-0
HIGHBUSH CRANBERRY	\$35.00	x		=	18-24"	1-0
NANNYBERRY	\$40.00	x		=	18-24"	1-0
SHADBLOW SERVICEBERRY	\$29.00	x	3	= 87.00	12-18"	1-0

VARIETY PACKS	Price per 25	x	# Bundles	Total \$ Amt
URBAN PACKET - 5 Each: Highbush Cranberry, Paper Birch, White Spruce, White Pine, Gray Dogwood	\$32.00	x		
WILDLIFE PACKET - 5 Each: White Cedar, Nannyberry, Hazelnut, White Spruce, Bur Oak	\$36.00	x		

SUBTOTAL of Trees and Shrubs Ordered (tax is included) \$

PRAIRIE GRASS AND WILDFLOWER SEED

	PRAIRIE GRASS & WILDFLOWER SEED	.25 acre coverage	# pkts	.50 acre coverage	# pkts	1.0 acre coverage	# pkts	Total # Seed Packets	Total \$ Amt
1	Low Prairie Super Diversity Mix	\$540.00		\$980.00		\$1770.00			
2	Tall Prairie Super Diversity Mix	\$450.00		\$800.00		\$1430.00			
3	Wet Prairie Mix	\$270.00		\$430.00		\$770.00			
4	Premium Nesting Cover	\$270.00		\$430.00		\$770.00			
5	Mesic Mix II (Moderate Soil Moisture)	\$95.00		\$160.00		\$265.00			
6	Wildflower Enhancement Mix	\$70.00		\$125.00		\$220.00			

SUBTOTAL of Seed Packets Ordered (tax is included) \$

PROGRAM EXTRAS

	Price Each	x	# Ordered	Total \$ Amt
BLUEBIRD HOUSE (NABS Style)	\$15.00	x		
RAIN BARREL	\$60.00	x		

SUBTOTAL of Program Extras (tax is included) \$

GRAND TOTAL - ALL PURCHASES \$

Ozaukee County
Land and Water Management Dept.
P. O. Box 994
Port Washington, WI 53074-0994

PRSRST STD
US POSTAGE PAID
GRAFTON, WI
PERMIT #11

... ORDER ONLINE WITH CREDIT CARD ...
<http://www.co.ozaukee.wi.us/LandWaterManagement/Index.htm>



TREE ORDER FORM ENCLOSED!
There are a limited number of seedlings . . . please order early!

**BLUEBIRD HOUSES AND RAIN BARRELS
ARE ALSO AVAILABLE**



***** ALL FOR AADC 530 1
Mike Gies
11333 N Cedarburg Rd
Mequon WI 53092-1930



**2019 - 2020 Ozaukee County Land and Water Management
Tree, Shrub, and Prairie Grass & Wildflower Seed ORDER FORM**

Enclosed is information regarding our tree, shrub, and prairie grass & wildflower seed program. All tree and shrub seedlings are sold in quantities of 25. Carefully read over the terms of the program and mail your order as soon as possible. **The deadline this year is February 28, 2020.**

Please complete your contact information below and return this entire form to:
**OZAUKEE COUNTY LAND & WATER MANAGEMENT DEPARTMENT
P. O. BOX 994
PORT WASHINGTON, WI 53074**

NAME			
ADDRESS			
CITY		STATE	ZIP
TELEPHONE/ CELL			
EMAIL ADDRESS			

Don't forget to send a check or money order with your form.
If you need more information or additional forms, contact our department at 262-284-8313.
TO ORDER ONLINE WITH CREDIT CARD, visit our website at
<http://www.co.ozaukee.wi.us/LandWaterManagement/Index.htm>

Pickup is tentatively scheduled for mid-April.
A confirmation postcard will be sent to you approximately two weeks before the pickup date.

Attachment: 2020 Tree Purchased List Oz County (4811 : Parks and Forestry Superintendent Report)

Paper Birch (*Betula papyrifera*): Grows in acidic, loamy, moist, clay, sandy, well-drained soils. Medium to fast growth rate. Does well in full sun or partial shade. Offers year-round beauty, with smooth white bark, brilliant yellow fall leaves. Brown or green flowers bloom April to May. Nesting and feed source for wildlife. Height: 50-70' with 35' spread.

Quaking Aspen (*Populus tremuloides*): Grows best where moisture is abundant. Fast growing. Does well in full sun. Stunning yellow foliage in autumn. Grouse depend on buds for winter food. Height: 40-50' with 25' spread.

Red Maple (*Acer rubrum*): Large ornamental shade tree. Small red flowers in spring and brilliant red fall color. Tolerates wet areas or lime soil. Seeds, buds, and flowers are eaten by a variety of wildlife. Height: 80-100'.

River Birch (*Betula nigra*): Native, deciduous tree; pyramidal to oval form, broadening with age. Prefers slightly acid soil. Requires good soil fertility. Foliage: shiny, medium green in summer; yellow in the fall. Flower: Catkin April-May. Cone like fruit, 1 to 1-1/2" long. Grows along streams and in flood plains. Height: 40-60'.

Shagbark Hickory (*Carya ovata*): A common hickory that grows 70-80' in height on good sites and spread 25-35 feet. Grows in part shade/part sun and full sun. Grows in upland, well drained sites, thrives in rich well drained loams but is adaptable to many soil types. The fruit is a nut, used by several species of wildlife including squirrels, chipmunks, raccoons, turkeys, grosbeaks, bluejays and nuthatches. Bark is very shaggy

Silver Maple (*Acer saccharinum*): Relatively fast growing deciduous tree commonly reaching a height of 50-80" with 35-50' spread. Grows in moist soil. Leaves are up to 6" long with 5 lobes with 5 teeth. The top side of the leaf is dull green, the bottom is silvery-white. Leaves turn yellow in the Fall. Bark is gray and becomes furrowed with age, Flowers start with reddish buds, then turn yellowish green. The seeds are winged in pairs and are eaten by turkey, finches, squirrels, wood ducks.

Sugar Maple (*Acer saccharum*): Plant on well-drained soils. Maple is extensively planted for timber, as a shade tree, and for maple syrup. Large shade tree has dark green foliage turning to yellow to orange to fiery red in the fall. Height: 100'.

Swamp White Oak (*Quercus bicolor*): Good for wet soils, medium fertility, full to partial sun, slow growth, salt tolerant. Very important food for wood ducks, turkeys, and blue jays. All oaks provide excellent wildlife benefits. Height: 50-60'.

Tamarack (*Larix laricina*) Pale green needles grow in brush-like tufts and turn a beautiful golden color in fall before they are shed and grow again in spring. Small cones less than an inch long. Grows well in low pH soil. Height: 30-50'.

White Oak (*Quercus alba*): Grows well in all but very wet soils, in all open exposures. Large spreading tree, dark gray, brownish bark. Bloom: May. Fruit: Autumn. All oaks provide excellent wildlife benefits. Height: 60-80'.

WILDLIFE SHRUB SEEDLINGS

American Elderberry (*Sambucus canadensis*): Prefers average to moist soils. Broad, spreading, multi-stemmed plant. Pinnately compound, 12-14" long, bright green leaves. Full sun, white flower. Purple to black fruit. Eastern bluebirds, ringneck pheasants, wild turkeys, mourning doves, grouse, grosbeaks, woodpeckers, squirrels, and rabbits eat the fruit; whitetail deer browse on the leaves. Bird use: 50 species. Height: 8-12'.

Common Chokecherry (*Prunus virginiana*): Small tree/shrub grows commonly in rich moist soils but often found in poorer, drier soils, rarely reaches a height of 30'. Clusters of drooping white flowers are followed by dark purple fruit which attract birds, full sun to partial shade.

Common Witchhazel (*Hamamelis virginiana*): A large shrub, typically grows 15—20' tall with picturesque irregular branching that naturally grows along woodland edges. The yellow, strap-like flowers of this native shrub are among the last to bloom in fall. The fruit capsules mature a year after flowering, splitting open to expel seeds that are attractive to birds. Prefers moist to well drained soils, tolerant of clay soils. Full sun to partial shade. Host plant for the larvae of spring azure butterfly.

Gray Dogwood (*Cornus racemosa*): Prefers moist, well-drained soils, performs best in full sun to partial shade, but is adaptable to many adverse conditions. Noted for creamy white flowers in spring and white berries on red pedicels in late summer. Slow to medium growth rate. Fruits provide food for birds and squirrels. Medium to large size ornamental shrub form often matures at 8'tall by 8' wide.

Hazelnut (*Corylus americana*): Prefers well-drained, loamy soil, full sun or partial shade. Grows medium to fast. Plant two trees for pollination. Bloom: Male-brown, female-red. Smaller tree; bears large, sweet kernels for wildlife and cooking. 10' spread. Height: 15'.

Highbush Cranberry (*Viburnum trilobum*): Grows in deep, moist to medium, well-drained soil, sunny to light shade. Upright tall shrub; showy flat clusters of whitish flowers; glossy scarlet fruit clusters. Winter food source for songbirds, grouse, pheasants, wild turkeys, whitetail deer, cottontail rabbits. Rabbits and small rodents eat the bark of young plants. Bloom: May-June. Fruit: September-May. Height: 6-7'.

Nannyberry (*Viburnum lentago*): Large growing native, can grow up to 20' in height. Leaves turn deep maroon in fall. Produces 3-5" clusters of 1/4 " white flowers, fruit are about 1/2 " long and a flat blue/black in color. Prefers rich moist soils. Does well in either full sun or shade. Plants will re-sprout themselves as the limbs lean over and touch the ground.

Shadblow Serviceberry (*Amelanchier canadensis*): Shrubs or small trees. Moist to well-drained soils. Full sun or partial shade. Green foliage and inconspicuous white flowers with an abundance of purple fruit. Orange to red fall foliage. Good wildlife food and cover for songbirds. Height: 15-25'.

PROGRAM EXTRAS

Bluebird Houses: Eastern Bluebirds are rebounding with the help of nesting boxes. For the birds, easy entry and good ventilation. For the bluebirder, easy to monitor and open for cleaning. The North American Bluebird Society (NABS)-style nesting boxes are highly attractive to bluebirds.

Rain Barrels: Recycle rainwater from a roof into a 52-gallon rain barrel and use stored water to provide for gardens, flowers, and trees during dry spells. Rain barrels conserve groundwater, help keep excess water out of sewer systems, and prevent rain from becoming polluted stormwater runoff – one of the biggest threats to clean water in the U.S. Barrels are fully enclosed – no standing water available to attract mosquito breeding!

DESCRIPTIONS

PRAIRIE GRASS & WILDFLOWER SEED

Low Prairie Super Diversity Mix: For moderate to well drained sites

Contains 24 wildflowers and 4 grasses: **Wildflowers:** Canada Milk Vetch, Lavender Hyssop, Smooth Aster, Sky Blue Aster, Wild White Indigo, Prairie Coreopsis, Lanceleaf Coreopsis, Nodding Onion, Pale Purple Coneflower, Early Sunflower, Rough Blazing Star, Prairie Blazing Star, Evening Primrose, Black-eyed Susan, Rattlesnake Master, Dotted Mint, Illinois Bundleflower, Stiff Goldenrod, Showy Goldenrod, Bergamot, Butterfly Weed, Smooth Penstemon, Spiderwort, Purple Prairie Clover.

Grasses: Side-oats grama, Little Bluestem, June Grass, Prairie Dropseed.

Tall Prairie Super Diversity Mix: For Medium to Dry Soils

Contains 25 wildflowers and 4 grasses: **Wildflowers:** Canada Milk Vetch, Smooth Aster, New England Aster, Wild White Indigo, Prairie Coreopsis, Lanceleaf Coreopsis, Pale Purple Coneflower, Yellow Coneflower, Early Sunflower, Round-headed bush-clover, Rough Blazing Star, Prairie Blazing Star, Brown Eyed Susan, Evening Primrose, Black-eyed Susan, Rattlesnake Master, Compass Plant, Illinois Bundleflower, Smooth Penstemon, Ridell's Goldenrod, Stiff Goldenrod, Ohio Goldenrod, Bergamot, Butterfly Weed, Purple Prairie Clover. **Grasses:** Big Bluestem, Canada Wild Rye, Little Bluestem, Indiangrass.

Wet Prairie Mix

Contains 19 wildflowers and 6 grasses. **Wildflowers:** New England Aster, Canada Tick Trefoil, Pale Purple Coneflower, Yellow Coneflower, Sneezeweed, Early Sunflower, Marsh Blazing Star, Evening Primrose, Brown Eyed Susan, Nodding Onion, Cupplant, Prairie Dock, Smooth Penstemon, Stiff Goldenrod, Bergamot, Golden Alexander, Joe Pye Weed, Ironweed, Blue Vervain. **Grasses:** Big Bluestem, Canada Wild Rye, Switchgrass, Indiangrass, Dark Green Bullrush, Virginia Wild Rye.

Premium Nesting Cover: Perennial Wildlife Food Plot Mix

Contains 15 wildflowers and 6 grasses: **Wildflowers:** Canada Milk Vetch, Partridge Pea, Illinois Bundle Flower, New England Aster, Canada Tick Trefoil, Pale Purple Coneflower, Yellow Coneflower, Round-headed Bush-Clover, Prairie Blazing Star, Evening Primrose, Black Eyed Susan, Smooth Penstemon, Stiff Goldenrod, Bergamot, Purple Prairie Clover. **Grasses:** Big Bluestem, Canada Wild Rye, Switchgrass, Little Bluestem, Indiangrass, Virginia Wild Rye.

Mesic Mix II: (Moderate Soil Moisture)

Contains 13 wildflowers and 5 grasses: **Wildflowers:** Canada Milk Vetch, Smooth Aster, New England Aster, Pale Purple Coneflower, Yellow Coneflower, Prairie Blazing Star, Black Eyed Susan, Cupplant, Smooth Penstemon, Bergamot, Butterfly Weed, Ironweed, Purple Prairie Clover. **Grasses:** Big Bluestem, Canada Wild Rye, Switchgrass, Little Bluestem, Indiangrass.

Wildflower Enhancement Mix

Contains 20 wildflowers: Native Yarrow, Butterfly Weed, New England Aster, Partridge Pea, Purple Prairie Clover, Purple Coneflower, Early Sunflower, Marsh Blazing Star, Wild Bergamot, Smooth Penstemon, Prairie Cinquefoil, Yellow Coneflower, Sweet Black-eyed Susan, Compass Plant, Cupplant, Stiff Goldenrod, Spiderwort, Hoary Vervain, Culver's Root, Golden Alexanders.

EVERGREEN SEEDLINGS

Balsam Fir (*Abies balsamea*): Dark flat needles, 1/2-1" long, slow growing, symmetrically pyramidal evergreen tree. Soft, bright green needles. Nice fragrance for Christmas trees. Prefers well-drained sites. Mature height is 75'.

White Cedar (*Thuja occidentalis*): Pyramidal form, dense, flat green needles, used for screening or windbreaks. Grows in moist to well-drained soils. Full sun. A source of winter food for white-tailed deer, so may need protection. Height: 50-60'.

White Pine (*Pinus strobus*): A shade tolerant native tree, does best in full sunlight. Fast growing, grows well in a wide range of soil types. Soft light, green needles in clusters of five. Height: 80'.

White Spruce (*Picea glauca*): Grows best in moist to well-drained soils of sandy to silty clay loam. Good for windbreaks, 1/2-3/4 attractive, dark bluish-green needles. Provides food and shelter for various wildlife. Height: 80'.

DECIDUOUS TREE SEEDLINGS

Black Cherry (*Prunus serotina*): Prefers rich, moist soil; grows well on dry, gravelly or sandy soils. Bloom: May-June. Fruit: August-September. Hardy, attractive tree. Distinctive, aromatic bark. Light brown or red moderately heavy wood. Rapid growth. Height: 60'.

Bur Oak (*Quercus macrocarpa*): Prefers moist, well-drained soils; adapts well to alkaline soils, poor drainage, high clay content, and drought tolerant. Growth: Medium. Full Sun. Dark green leaf, 6-10" length, 3-6" width. Excellent source of food for a variety of wildlife. Fruit: Burr-like cap, acorn, bitter taste. Height: 70-90'.

Hophornbeam (*Ostrya virginiana*): Also called ironwood; small tree, 25-40' in height; likes full sun or partial shade; mature spread is 15'; loves hilly, well-drained areas; does not do well in flooded areas. The fruit looks like the fruit of hops. Wild Turkey, Rose Breasted Grosbeak, Downy Woodpecker and Purple Finch will feed on the hop-like seeds and buds.

Northern Red Oak (*Quercus rubra*): Dense, lustrous green foliage turns a deep red in the fall. Grows best in sandy to rich loam soil in full sun. Acorns of this tree are eaten by squirrels, deer, turkey and other birds and animals. Rate of growth is moderate. Grows up to 70'.