



11333 N. Cedarburg Road 60W
Mequon, Wisconsin 53092
Phone (262) 236-2913
Fax (262) 242-9655

PUBLIC WORKS

**Tree Board Committee
February 10, 2016 at 10:00 A.M.
North Conference Room, Mequon City Hall**

AGENDA

- 1) Call to Order, Roll Call
- 2) Minutes of December 16, 2015 Meeting
Action Requested: Approve Minutes
- 3) Street Tree Plan for Highlander Estates
Action Requested: Approve Street Tree Plan
- 4) New Business
- 5) Adjourn

Dated: January 8, 2016

/s Pam Adams/Chairman

Notice is hereby given that a majority of other governmental bodies may be in attendance at this meeting to gather information about a subject over which they have decision making responsibility, although they will not take any formal action relative thereto at this meeting.

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

MEQUON TREE BOARD MINUTES
CITY OF MEQUON
WISCONSIN

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The meeting was called to order on December 16, 2015, at 7:00 p.m. Present were Chairperson Pam Adams and Members Clair Krause, Carol Bangs and Kerry Mattingly. Also present were Mequon City Forester Ken Baker and Matt Cudney from Veridian Homes.

The following matters were considered by the Committee and action taken as indicated. It is respectfully requested that this report be accepted and the recommendations made herein be approved.

1. Approval of the October 28, 2015 Tree Board minutes

Action:

Member Krause motioned to approve the minutes, Member Mattingly seconded, and the motion passed by a 4-0 vote.

2. Street Tree Plan for Enclave at Mequon Preserve

Discussion:

Carol Bangs met with the landscape architect that was hired by Veridian Homes for the street tree plan. There was a discussion regarding the ordinance dictating that one tree be planted for every 30' of lineal roadway and how this works with the driveways. The Tree Board also discussed the street tree list and how it needs to be reworked.

Action:

Member Bangs motioned to approve the street tree plan with the ability to move trees to a more natural planting because of the driveways. Member Mattingly seconded, and the motion passed by a 4-0 vote.

3. Arbor Day Discussion: April 24, 2016

Discussion:

City Forester Baker informed the Committee that Assistant City Administrator Jesse Thyges has okayed the Logemann Center as the event location on April 24, 2016. Chairperson Adams stated that she received an e-mail from Kristin Gies, Mequon Nature Preserve Manager, requesting that the Arbor Day Festival be moved to the Mequon Nature Preserve (MNP), and the MNP could work with the City to partner the event. The Tree Board discussed whether they want to expand the event and whether the event should be moved to the MNP. The Tree Board and the City have been working together on the event for over 20 years, and the Tree Board would like to have the final say as to where the location of the event will be. They would also like to discuss this further with the MNP and possibly transition to a new location.

It was also brought up that City Forester Baker will check into the Council's statement and the mission statement of the Tree Board.

4. City of Mequon Policy Manual for Tree Protection and Preservation

Discussion:

The Board would like to go through the whole manual and make changes to the ordinance and policy.

5. Emerald Ash Borer – Street Tree Replacement Program

Discussion:

Forester Baker stated to the Board that the city will be replacing 300 trees associated with the Ash tree removal. Some of the trees will be planted on properties where trees were removed and some trees will be planted in other areas of the city. One area that Baker recommended was along Lake Shore Drive south of Highland Road. This was well-received by the Board.

6. New Business

Discussion:

Member Mattingly suggested that when developers are preparing their street tree plan, they have an advisory meeting with the Tree Board to determine what type of plants will work with the land. The other members thought this was a good idea.

7. Adjourn

Chairperson Adams motioned to approve the meeting at 8:30 p.m., Member Bangs seconded the motion, and it passed by a 4-0 vote. The meeting was adjourned at 8:30 p.m.

Respectfully submitted,

MEQUON TREE BOARD



THE HIGHLANDER ESTATES
MEQUON, WISCONSIN
PLANNED SINGLE FAMILY
RESIDENTIAL CLUSTER DEVELOPMENT

DATE	11/11/15
COMMENTS	REVISED
REV.	1

SCALE	1:50
DESIGNED BY	NP
DRAWN BY	DF
CHECKED BY	NP
DATE	09/22/15

L-2

NOTES:

ALL TREE SPECIES ARE IN ACCORDANCE WITH THE VILLAGE OF MEQUON TREE BOARD'S SUGGESTED SPECIES.

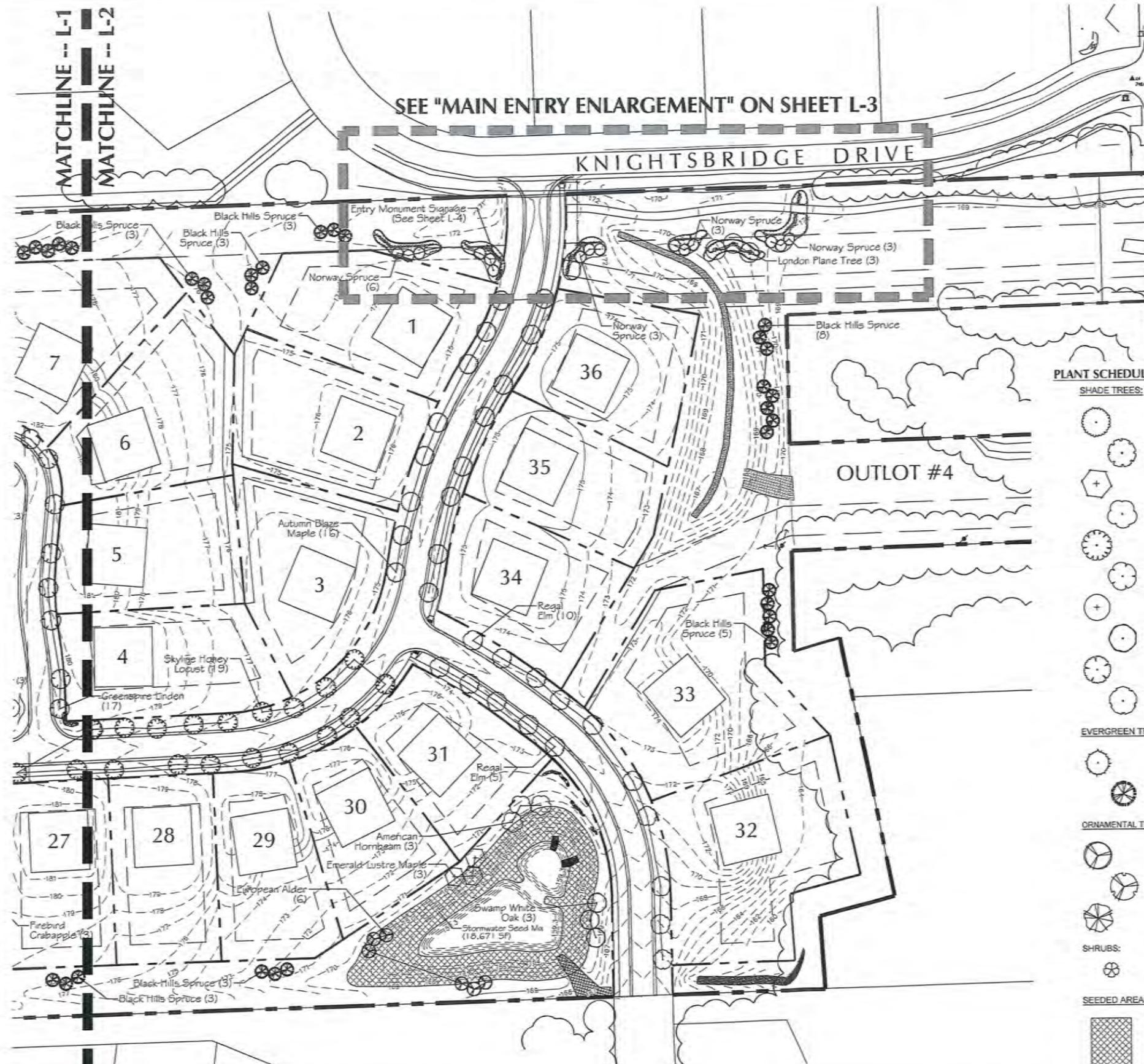
STREET TREE SPACING VARIES BUT OCCURS ON AN AVERAGE DISTANCE OF 35'-0" ON-CENTER.

TREES HAVE BEEN PLACED TO AVOID ANTICIPATED DRIVEWAY ACCESS TO EACH LOT.

SEE "MAIN ENTRY ENLARGEMENT" ON SHEET L-3

KNIGHTSBRIDGE DRIVE

MAUWATOSA ROAD



PLANT SCHEDULE:

SHADE TREES:	QTY:	COMMON NAME / BOTANICAL NAME:	SIZE:
	21	Autumn Blaze Maple / <i>Acer freemanii</i> 'Autumn Blaze'	3" Cal.
	19	Crimson King Maple / <i>Acer platanoides</i> 'Crimson King'	3" Cal.
	8	Emerald Lustre Norway Maple / <i>Acer platanoides</i> 'Emerald Lustre'	3" Cal.
	3	American Hornbeam / <i>Carpinus caroliniana</i>	3" Cal.
	19	Skyline Honey Locust / <i>Gleditsia triacanthos inermis</i> 'Skyline'	3" Cal.
	18	Kentucky Coffee Tree / <i>Gymnocladus dioica</i>	3" Cal.
	3	London Plane Tree / <i>Platanus x acerifolia</i>	3" Cal.
	24	Swamp White Oak / <i>Quercus bicolor</i>	3" Cal.
	18	Greenspire Linden / <i>Tilia cordata</i> 'Greenspire'	3" Cal.
	25	Regal Elm / <i>Ulmus carpinifolia</i> 'Regal'	3" Cal.

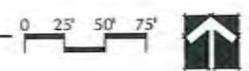
EVERGREEN TREES:	QTY:	COMMON NAME / BOTANICAL NAME:	SIZE:
	15	Norway Spruce / <i>Picea abies</i>	6' Ht.
	53	Black Hills Spruce / <i>Picea glauca</i> 'Densata'	6' Ht.

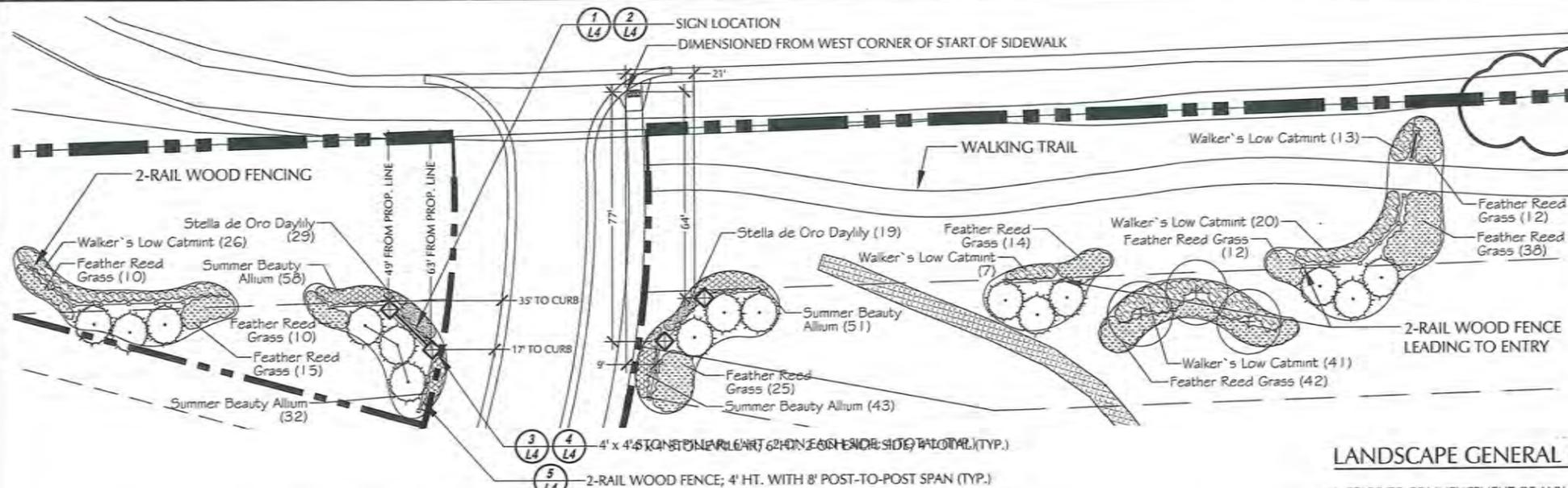
ORNAMENTAL TREES:	QTY:	COMMON NAME / BOTANICAL NAME:	SIZE:
	9	European Alder / <i>Alnus glutinosa</i>	10' Ht.
	9	Shadblow Serviceberry / <i>Aamelanchier canadensis</i>	6' Ht.
	9	Firebird Crabapple / <i>Malus sargentii</i> 'Firebird'	14' Ht.

SHRUBS:	QTY:	COMMON NAME / BOTANICAL NAME:	SIZE:
	13	Arctic Fire Dogwood / <i>Cornus sericea</i> 'Arctic Fire'	36" Ht.

SEEDED AREAS:	QTY:	COMMON NAME / BOTANICAL NAME:	SIZE:
	44,000 sf (1.01 AC)	Clesen Stormwater Seed Mix:	170 lbs / Acre
		29% Spring Oats	50.50 lbs
		23% Alta/Kentucky 31 Tall Fescue	40.40 lbs
		18% Fufts Pudinnella Distans	30.30 lbs
		12% Perennial Ryegrass	20.20 lbs
		6% Side Oats Grama	10.10 lbs
		6% Birdsfoot Trefoli	10.10 lbs
		3% Alsike Clover	5.05 lbs
		3% Little Blue Stem	5.05 lbs
			171.70 lbs.

1 EAST LANDSCAPE PLAN:
SCALE: 1" = 50'-0"

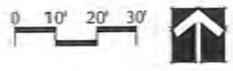




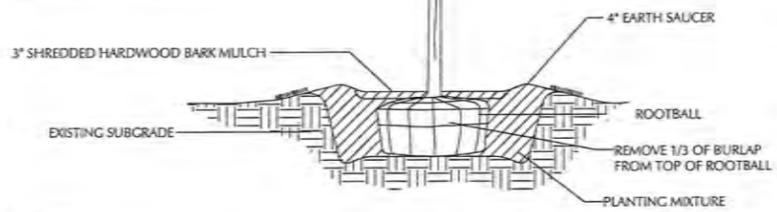
MAIN ENTRY PLANT SCHEDULE:

TREES	QTY	COMMON NAME / BOTANICAL NAME	SIZE
(+)	3	London Plane Tree / <i>Platanus x acerifolia</i>	3" Cal.
EVERGREEN TREES	QTY	COMMON NAME / BOTANICAL NAME	SIZE
(●)	15	Norway Spruce / <i>Picea abies</i>	6" Ht.
SHRUBS	QTY	COMMON NAME / BOTANICAL NAME	CONT.
(■)	184	Summer Beauty Allium / <i>Allium x 'Summer Beauty'</i>	flat @ 12" o.c.
(■)	178	Feather Reed Grass / <i>Calamagrostis x acutiflora 'Karl Foerster'</i>	3 gal @ 24" o.c.
(■)	48	Stella de Oro Daylily / <i>Hemerocallis x 'Stella de Oro'</i>	flat @ 12" o.c.
(■)	107	Walker's Low Catmint / <i>Nepeta racemosa 'Walker's Low'</i>	2 gal @ 24" o.c.

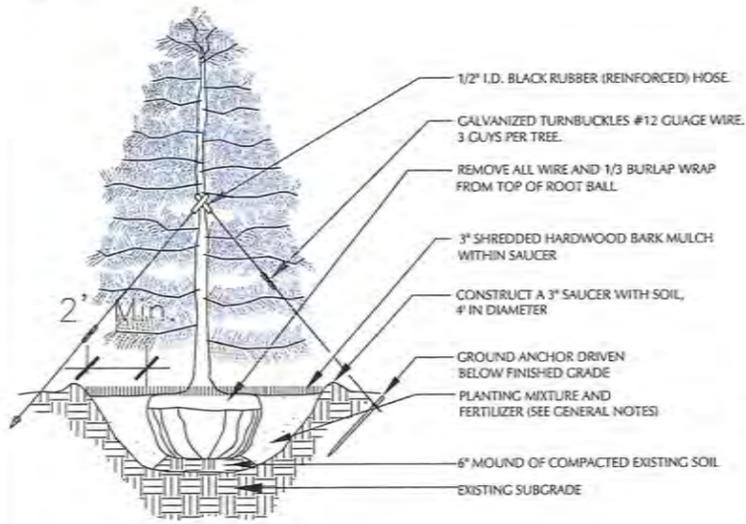
1 MAIN ENTRY ENLARGEMENT:
SCALE: 1" = 20'-0"



FERTILIZE WITH 20-10-5 AGRIFORM TABLETS - QUANTITY AND SIZE PER MANUFACTURER'S RECOMMENDATIONS. TREAT MULCH WITH PREEN OR OTHER PRE-EMERGENT HERBICIDE

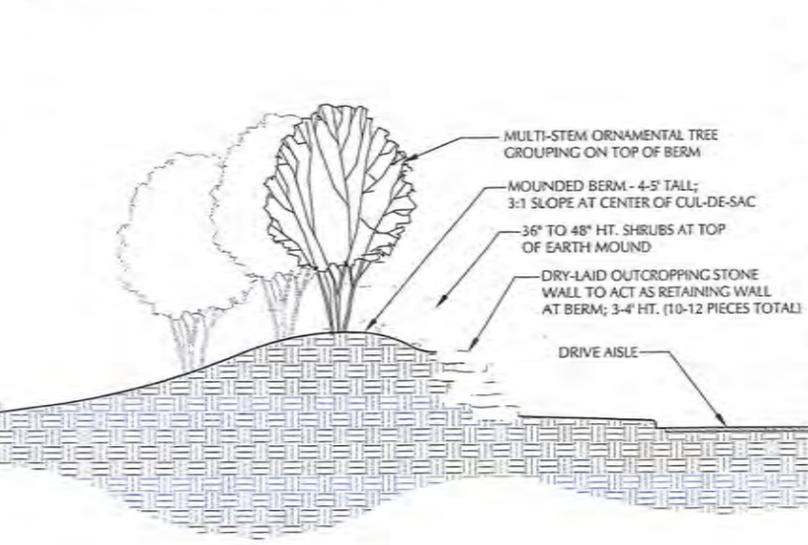


2 DECIDUOUS TREE PLANTING DETAIL:
NOT TO SCALE



3 EVERGREEN TREE PLANTING DETAIL:
NOT TO SCALE

4 DECIDUOUS TREE PLANTING DETAIL:
NOT TO SCALE



5 PLANTED BERM & OUTCROPPING SECTION:
NOT TO SCALE

LANDSCAPE GENERAL NOTES:

- PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL NOTIFY J.U.L.I.E. TO DETERMINE THE LOCATION OF ANY UNDERGROUND UTILITIES, WHICH MAY AFFECT PROPOSED SITE WORK. CONTRACTOR SHALL NOTIFY THE OWNER/LANDSCAPE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES, OBSTACLES AND/OR PROBLEMS.
- VERIFICATION OF DIMENSIONS AND GRADES, BOTH EXISTING AND PROPOSED, SHALL BE THE CONTRACTOR'S RESPONSIBILITY PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL NOTIFY THE OWNER/LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
- ALL SURFACE DRAINAGE SHALL BE DIRECTED AWAY FROM STRUCTURES. SURFACE DRAINAGE SHALL BE DIRECTED TO EXISTING CATCH BASINS DESIGNATED FOR THE COLLECTION OF SURFACE RUN-OFF.
- PLANT MATERIAL SIZES SHOWN ON PLANT SCHEDULE ARE MINIMUM ACCEPTABLE SIZES. ALL PLANT MATERIAL SHALL BE OF SPECIMEN QUALITY. NO 'PARK GRADE' MATERIAL WILL BE ACCEPTED.
- ALL PLANT MATERIAL SHALL BE OBTAINED FROM AN APPROVED NORTHERN ILLINOIS NURSERY WITH HEAVY CLAY SOILS.
- ALL PLANT MATERIAL SHALL CONFORM TO AMERICAN STANDARD FOR NURSERY STOCK AS SPONSORED BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND APPROVED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE, INC. (ANSI)
- IF SPECIFIED SPECIES AND/OR QUALITY OF PLANTS ARE NOT AVAILABLE AT THE TIME OF ORDERING, THE LANDSCAPE ARCHITECT, AT HIS/HER DISCRETION, MAY SUBSTITUTE SIMILAR PLANTS WITH THE SAME WHOLESALE VALUE.
- ALL PLANTS TO BE BALLED IN BURLAP (B&B) OR CONTAINER GROWN (CG) AS SPECIFIED IN PLANT SCHEDULE. ALL NYLON/PLASTIC ROOT WRAPPING MATERIAL AND METAL WIRE BASKETS SHALL BE REMOVED.
- SOIL TO BE USED FOR THE PLANTING MEDIUM FOR THE PROJECT SHALL BE FERTILE, WELL-DRAINED, OF UNIFORM QUALITY, FREE OF STONES OVER 1" IN DIAMETER, STICKS, OILS, CHEMICALS, PLASTER, CONCRETE AND OTHER DELETERIOUS MATERIAL.
- ALL LANDSCAPE MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES.
- ALL LANDSCAPE MATERIALS SHALL BE INSTALLED IN CONFORMANCE WITH THE ACCEPTED INDUSTRY'S STANDARD 'BEST PRACTICE' TECHNIQUES AS IDENTIFIED BY THE ILLINOIS LANDSCAPE CONTRACTORS ASSOCIATION (ILCA).
- THE OWNER AND/OR LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL IN POOR CONDITION/ FORM OR NOT INSTALLED ACCORDING TO 'BEST PRACTICE' TECHNIQUES.
- THE LANDSCAPE CONTRACTOR SHALL PREPARE PLANTING BEDS BY ADDING SOIL AMENDMENTS TO TOPSOIL MIX IN THE FOLLOWING QUANTITIES: TOPSOIL MIX FOR TREES & SHRUBS SHALL BE THREE (3) PARTS TOPSOIL, ONE (1) PART PEAT, AND ONE (1) PART SAND. TOPSOIL MIX FOR PERENNIALS & GROUND COVER SHALL BE THREE (3) PARTS TOPSOIL, ONE (1) PART SAND, AND TWO (2) PARTS COMPOST.
- ALL PLANTINGS TO RECEIVE 3" OF SHREDDED HARDWOOD MULCH.
- CONTRACTOR SHALL WATER PLANTS IMMEDIATELY AFTER PLANTING. FLOOD PLANTS TWICE DURING FIRST TWENTY-FOUR HOURS AFTER PLANTING.
- ALL ROAD AND WALK SURFACES SHALL BE KEPT CLEAR OF MUD AND DEBRIS AT ALL TIMES.
- CONTRACTOR SHALL REPAIR IN KIND ANY AREAS DAMAGED AS A RESULT OF LANDSCAPE OPERATIONS.
- GUARANTEE SPECIFICATIONS ARE AS FOLLOWS: THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A BONDED WRITTEN ONE-YEAR WARRANTY AGREEMENT BEGINNING ON THE FIRST DAY OF THE OWNER'S POSSESSION. THIS AGREEMENT SHALL PROVIDE FOR THE REPLACEMENT OF DEAD OR DYING PLANT MATERIAL. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A TYPEWRITTEN LIST OF SPECIFIC MAINTENANCE INSTRUCTIONS FOR EACH TYPE OF PLANT INSTALLED WITH THE WRITTEN AGREEMENT AND BOND.
- LANDSCAPE IRRIGATION FOR ALL LAWN AND PLANT BED AREAS SHALL BE PRICED AS A DESIGN-BUILD BID OPTION FOR OWNER CONSIDERATION.



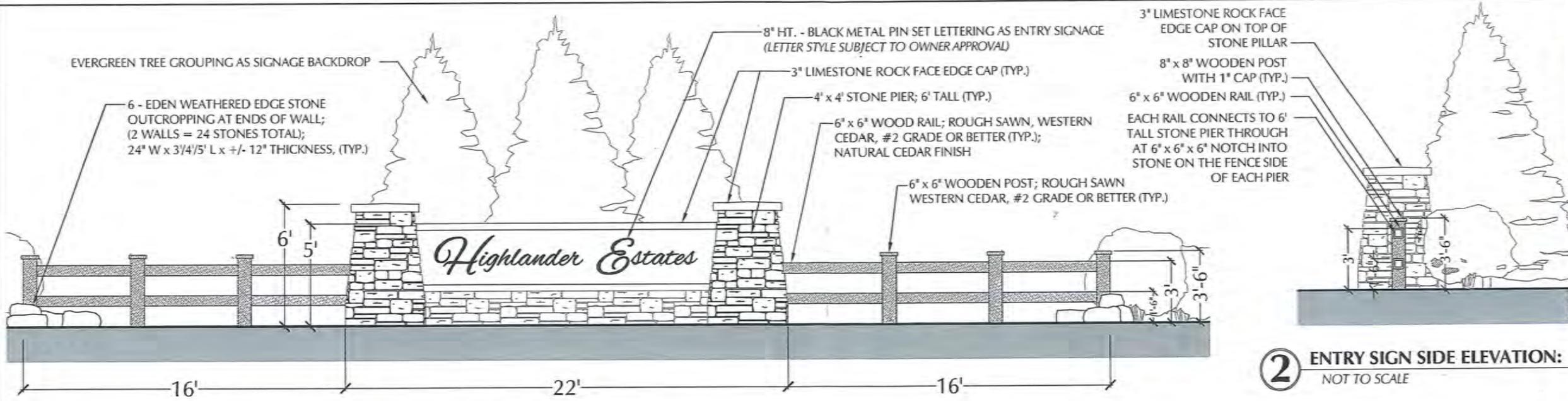
DEVELOPED BY
NEUMANN
LANDSCAPE ARCHITECTS, INC.
NATURAL AREA COURT
MEQUON, WI 53002



THE HIGHLANDER ESTATES
MEQUON, WISCONSIN
PLANNED SINGLE FAMILY
RESIDENTIAL CLUSTER DEVELOPMENT

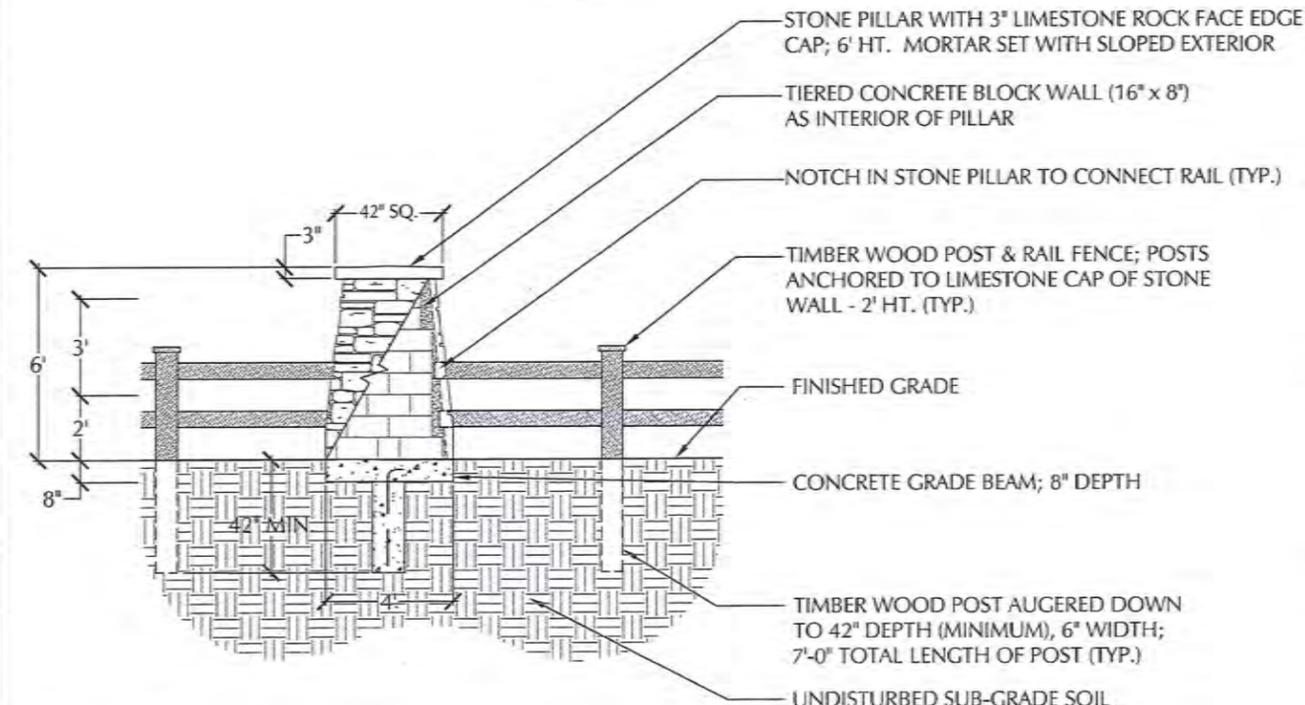
REV.	DATE	COMMENTS
1	11/11/15	REVISED

SCALE: VARIES
DESIGNED BY: NP
DRAWN BY: DF
CHECKED BY: NP
DATE: 09/22/15
SHEET: **L-3**

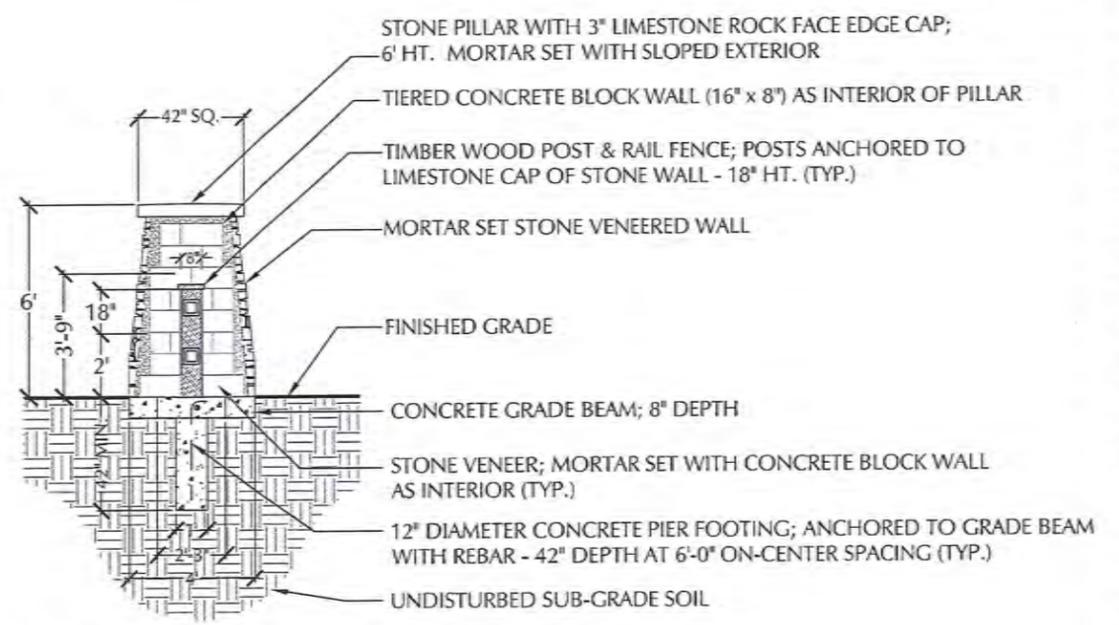


1 ENTRY SIGN FRONT ELEVATION:
NOT TO SCALE

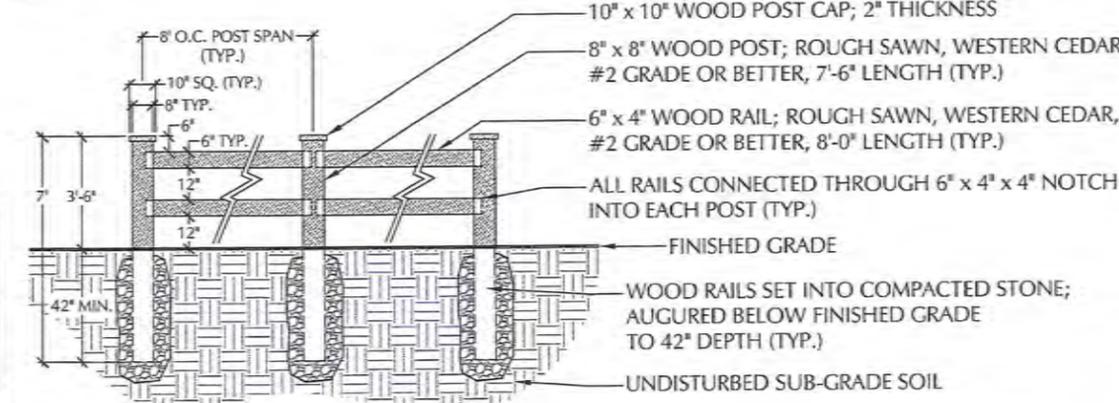
2 ENTRY SIGN SIDE ELEVATION:
NOT TO SCALE



3 STONE PILLAR & WALL FRONT SECTION:
NOT TO SCALE



4 STONE PILLAR & WALL SIDE SECTION:
NOT TO SCALE



5 WOOD FENCE SECTION:
NOT TO SCALE

STONE OUTCROPPING:
*AT MAIN ENTRY, WITHIN RIGHT-OF-WAY AT CONNECTION POINTS, & MOUNDED BERM AT END OF CUL-DE-SAC

LURVEY'S SUPPLY 'EDEN WEATHERED EDGE':
- 220 LF; STACKED 2-3' TALL (MAX.);
- STONES TYPICALLY SIZED: 24" W x 3 1/4' L

WOOD FENCE MATERIALS:
* POSTS & RAILS TO BE RAW SAWN, WESTERN RED CEDAR, #2 GRADE OR BETTER

POSTS (30 TOTAL):
12 - 8" x 8"; 7'-0" HT.; TO BE USED AT ENTRY; TO BE NOTCHED INTO STONE PIER AT ENTRY
18 - 8" x 8"; 7'-0" HT.; TO BE USED AS STAND-ALONG FENCING; 4" HT. ABOVE GRADE; AUGURED DOWN TO 42" DEPTH

RAILS (320 LF TOTAL):
6" x 6" (x 8' SUGGESTED LENGTH) 40 RAILS AT 8' LENGTH (= 320 FT.)

CAPS: 30 TOTAL - 2" SQUARE AT 1" THICKNESS; TO BE ANCHORED TO TOP OF ALL POSTS



THE HIGHLANDER ESTATES
MEQUON, WISCONSIN
PLANNED SINGLE FAMILY
RESIDENTIAL CLUSTER DEVELOPMENT

REV.	COMMENTS	DATE
1	REVISED	11/11/15

SCALE: VARIES
DESIGNED BY: NP
DRAWN BY: DF
CHECKED BY: NP
DATE: 09/22/15

SHEET:
L-4