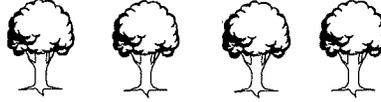


MAPLE GROVE
ARBOR COMMITTEE
REGULAR MEETING
NOVEMBER 12, 2015
7:00 PM – ROOM 183
MAYOR'S CONFERENCE ROOM



1. CALL TO ORDER
2. APPROVAL OF AGENDA AND MINUTES
 - A. APPROVAL OF AGENDA
 - B. APPROVAL OF MINUTES – OCTOBER 8, 2015 REGULAR MEETING
3. NEW BUSINESS
 - A. KIDDIEGARTEN LANDSCAPE PLAN
 - B. THE VILLAGE AT ARBOR LAKES LANDSCAPE PLAN
4. OLD BUSINESS
 - A. EAB MANAGEMENT PLAN UPDATE
 - B. BUCKTHORN REMOVAL EVENT
5. AREA REPORTS
6. ADJOURNMENT



REQUEST FOR COMMITTEE ACTION

Item Number: 2 A & B

Meeting Date: November 12, 2015
Agenda Heading: Approval of Agenda and Minutes
Agenda Item: Approval of Agenda and Minutes

Recommended Committee Action:

Call by Vice-Chairperson _____ for any additions or revisions to the agenda.

Motion by Committee member _____, seconded by Committee member _____ to approve as proposed or approve as amended the agenda for the November 12, 2015 regular meeting.

Motion by Committee member _____, seconded by Committee member _____ to approve the minutes of the October 8, 2015 regular meeting as presented or as amended.

Discussion:

Committee Comments:

REQUEST FOR COMMITTEE ACTION

Item Number: 3A



Meeting Date: November 12, 2015
Agenda Heading: New Business
Agenda Item: Landscape Plan - Kiddiegarten

Recommended Committee Action:

Review and comment on the Landscape Plan for the proposed Kiddiegarten.

Discussion:

A Landscape Plan has been submitted for a child care center located on the southwest corner of County Road 30 / Garland Lane behind Walmart.

The number of trees proposed does meet minimum requirements, but the current code limits the number of one species of trees to 20%. The current plan has 27 hackberry trees being planted, and 6 silver maple trees. As a result, the number of hackberry trees must be revised. Attached Sheet No. C7 is an overall Landscape Plan of the child care center.

Arbor Committee review and comment on the plan is requested.

Committee Comments:

Chapter 36 ZONING

Sec. 36-826. Disposal of waste material from commercial or industrial operations.

Waste material resulting from or used in industrial or commercial manufacturing, fabricating, servicing, processing or trimming shall not be washed into the public storm sewer system or the sanitary sewer system, but shall be disposed of in a manner approved by the state fire marshal and the pollution control agency.

(Code 1984, § 375:12(16))

Sec. 36-827. Bulk storage of gasoline, chemicals and similar liquids.

All uses with the bulk storage of oil, gasoline, liquid fertilizer, chemicals, flammable liquids and similar liquids shall comply with requirements of the state fire marshal and state department of agriculture offices and have documents from those offices stating the use is in compliance.

(Code 1984, § 375:12(17))

Sec. 36-828. Radiation emission.

All activities that emit radioactivity shall comply with the minimum requirements of the state pollution control agency.

(Code 1984, § 375:12(18))

Sec. 36-829. Electrical emissions.

All activities which create electrical emissions shall comply with the minimum requirements of the Federal Communications Commission.

(Code 1984, § 375:12(19))

Sec. 36-830. Pole barns.

In all B and I zoning districts, no pole barn shall be constructed in whole or in part after June 12, 1985. For purposes of this section, a pole barn is defined as a structure, the basic support and framework of which is provided by wooden poles inserted vertically into the ground similarly to telephone poles.

(Code 1984, § 375:12(20))

Sec. 36-831. Required landscaping.

- (a) Applicability. All development except single-family detached and two-family shall comply with the requirements of this section.
- (b) Landscape plans. Landscape plans shall be prepared by a landscape architect or other qualified individual acceptable to the department of community development. Landscape plans shall be drawn to a scale of not less than one inch equal to 50 feet and shall include the following information:
 - (1) Location, approximate size and common name of existing trees and shrubs.

Chapter 36 ZONING

- (2) Planting schedule containing:
 - a. Symbols.
 - b. Quantities.
 - c. Common names and botanical names.
 - d. Size of plant materials.
 - e. Root condition (balled and burlapped, bare root, container, etc.).
 - f. Special planting instructions.
 - (3) Planting details illustrating proposed locations of all new plant material.
 - (4) Locations and details of other landscape features, including, but not limited to, berms, fences and planter boxes.
 - (5) Location and details of irrigation systems.
 - (6) Details and cross sections of all required screening.
 - (7) Such other information as the city may require.
- (c) Minimum requirements. All areas of a lot which are not used or improved for buildings, parking areas, driveways or storage areas shall be landscaped with a combination of overstory trees, understory trees, shrubs, ground cover and flowers.
- (1) Minimum number of overstory trees. The minimum number of overstory trees on a lot shall be the figure determined by dividing by 40 the number of feet in the perimeter of the lot. Overstory trees include, but are not limited to, those listed in Extension Folder 298-1974, published by the Agricultural Extension Service of the University of Minnesota, except those listed as "Trees—Small—under 25 feet."
 - (2) Understory trees and shrubs. In addition to the required number of overstory trees, a full complement of understory trees and shrubs such as, but not limited to, those listed as "Trees—Small—under 25 feet" in Extension Folder 298-1974, published by the Agricultural Extension Service of the University of Minnesota, shall be provided as determined by the city council so as to complete a quality landscape treatment of the site.
 - (3) Minimum size and root condition of required overstory trees.
 - a. The trunks of deciduous trees shall be at least 1½ inches in diameter breast height.
 - b. Coniferous trees shall be at least five feet in height.
 - c. All plant materials shall meet minimum standards as stated in the American Association of Nurserymen Publication No. ANSI Z60.1-1980, entitled "American Standard for Nursery Stock."
 - (4) Species.
 - a. Trees which are considered as half trees, small upright trees, small spreading trees, shrubs, understory trees or ornamental trees shall not be included in the count of required overstory trees.
 - b. Not more than 20 percent of the required number of overstory trees shall be composed of one species.
 - c. No required overstory trees shall include:
 1. Any species of the genus *Ulmus* (elm), except that such species may be allowed if proof, acceptable to the city, is submitted showing that the proposed trees are resistant to Dutch elm disease. Such proof shall originate from, or be supplied by, a nursery

Chapter 36 ZONING

- approved by the department of community development or a college or university conducting research on Dutch elm disease, or an equivalent source.
2. Box elder (*Acer negundo*), Ash (any tree of the genus *Fraxinus*), Amur maple (*Acer ginnala*), Norway maple (*Acer platanoides*), Russian olive (*Elaeagnus angustifolia*), Black locust (*Robinia pseudoacacia*), female Ginko (*Ginkgo biloba*).
- d. No shrub shall include:
 1. Japanese barberry (*Berberis thunbergii*), Siberian peashrub (*Caragana arborescens*), Tatarian honeysuckle (*Lonicera tatarica*), Common buckthorn (*Rhamnus cathartica*), Glossy buckthorn (*Rhamnus frangula*).
 - e. All plant materials shall be indigenous to the hardiness zone of the area in which the city is located.
- (5) Ground cover. All unimproved portions of a lot shall be sodded to the curb or street surface, except that:
- a. Areas reserved for future city-approved building expansions may be seeded.
 - b. Undisturbed areas containing existing viable natural vegetation which can be maintained free of weeds may be left undisturbed.
 - c. Seeding may be used when the city determines sod is not practical or desirable, in areas such as, but not limited to, campus areas of schools, recreational playfields and open space, sites that are rough-graded and areas that cannot be developed (such as those in a power line easement).
 1. Seeding shall be confined to the rear yard area of a lot.
 2. On any lot on which a building is located as the principal use of the property, seeding shall not be used within 50 feet of the building.
 3. For purposes of the surety required in subsection (k) of this section, seeding will be considered properly installed and vigorously growing when it looks like healthy sod.
- (d) Credit for large trees. The total number of required overstory trees may be reduced by one-half tree for each new deciduous tree measuring 4½ inches or more in diameter, or each new coniferous tree measuring ten feet or more in height, which is planted on the lot. In no event, however, shall this credit result in a reduction in the total number of required trees by more than 25 percent. Measurements shall be taken as set forth in subsection (c)(3) of this section.
- (e) Credit for existing trees. The total number of required new overstory trees may be offset by the retention of existing overstory trees on the lot provided that such trees satisfy the requirements of subsection (c) of this section as to size and species. The department of community development shall recommend to the planning commission the amount of the credit for such existing trees based upon their location and distribution on the lot.
- (f) Parking lot planting islands. Planting islands within parking lots shall be required to visually break up expanses of hard-surface parking areas, to allow safe and efficient traffic movement, and to define rows of parking. Planting islands shall be landscaped and shall occupy at least four percent of the parking area.
- (g) Irrigation system. All affected properties shall install and maintain an irrigation system upon the property serving at least all turfed areas thereon, whether sodded or seeded.
- (h) Interference with utilities. The location of landscaping improvements required in this section shall be such that their placement and size at maturity will not interfere with any existing underground or overhead utility system or public right-of-way.

Chapter 36 ZONING

- (i) Protection of existing vegetation during construction. All existing vegetation to be saved upon a lot under development shall be protected from damage and/or destruction occurring as a result of activity which takes place during the construction process. No soil or other material shall be allowed to accumulate or be placed near any such vegetation in such a manner that the deterioration or death of such vegetation may result.
- (j) Maintenance. The owner of a lot upon which landscaping or screening is required by this Code shall maintain all plant materials in a slightly and healthy growing condition and promptly replace all dead or dying plant material. Plant materials located within the boulevard area shall be similarly maintained by the abutting property owner. If any plant material in the boulevard is not maintained or replaced as required in this subsection, the city may maintain or replace the plant material and assess the abutting property for the costs thereof.
- (k) Performance surety. The owner shall provide the city with cash, an approved letter of credit or other surety satisfactory to the city to guaranty the proper installation and vigorous growth of all landscaping elements and screening. Such surety shall remain in effect for two years after the actual installation of the materials and shall be in an amount equal to 100 percent of the estimated cost of material and installation of all proposed landscaping.

(Code 1984, § 375:12(21); Ord. No. 14-03, § 1, 6-16-2014; Ord. No. 14-05, § 1, 8-4-2014)

Sec. 36-832. Limitation on structure height.

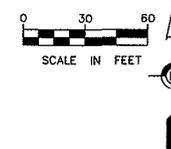
No structure shall exceed the height that is allowed pursuant to Minn. Stats. §§ 360.81—360.91. This provision shall supersede any other provision of this Code which may permit structure heights in excess of those allowed pursuant to such statutes.

(Code 1984, § 375:12(22))

Sec. 36-833. Geothermal, solar, and wind energy conversion systems.

- (a) Geothermal system.
 - (1) Permitted accessory use in all zoning districts on the condition it meets the requirements of this section and other provisions of the Code.
 - (2) Coils and piping may not cross lot lines without recorded easement from the effected property.
 - (3) Upon determination by the city that encroachment of coils and piping into drainage and utility easements does not interfere with the city's use of the easement, coils and piping may cross into drainage and utility easements with the city's written permission subject to conditions determined by the city.
 - (4) Systems that are proposed under wetland types 1 and 2 shall require approval from the city engineering department in addition to any other permits required for by any other governmental entity. System shall not be allowed under wetland types 3 through 7, or in any Minnesota Department of Natural Resources protected waters.
 - (5) Systems shall meet Minnesota Department of Health Standards (Minnesota Rules chapter 47-25, part 18.31 and part 70.50 (2009) and any amendments thereto).
- (b) Photovoltaic system and solar thermal system.
 - (1) Nonresidential zoning districts.

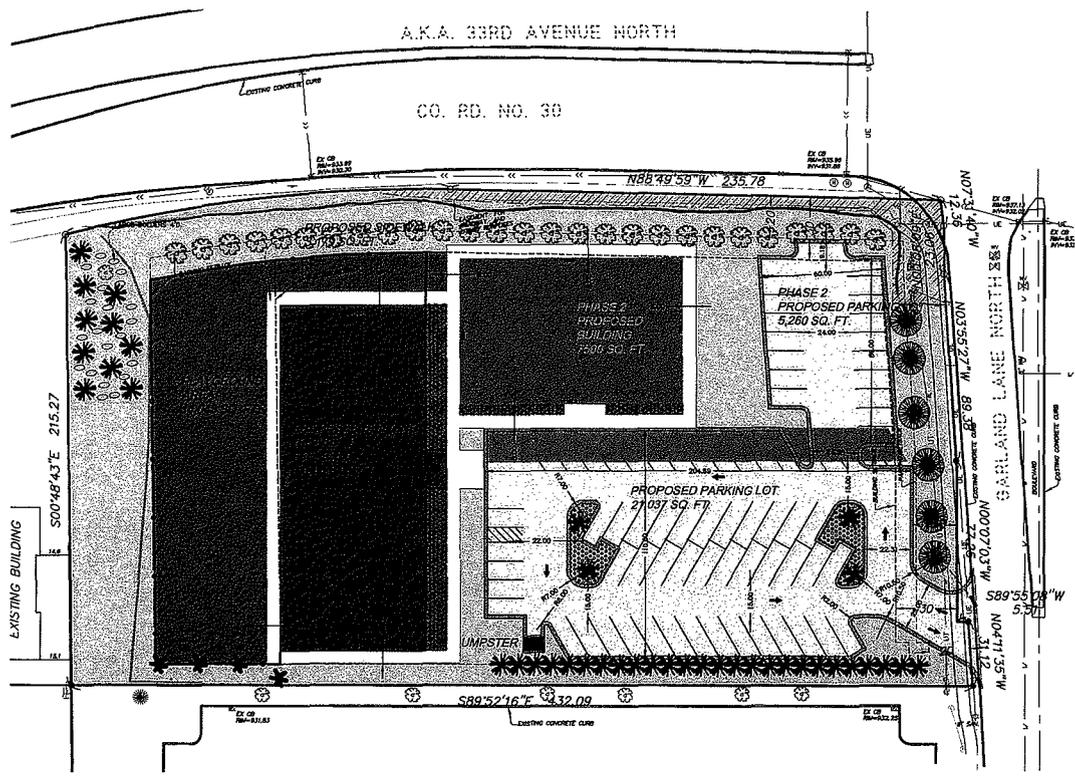
LANDSCAPE PLAN



Call 48 Hours before digging
GOPHER STATE ONE CALL
 Twin Cities Area 651-454-0002
 MN. Toll Free 1-800-252-1166

A.K.A. 33RD AVENUE NORTH

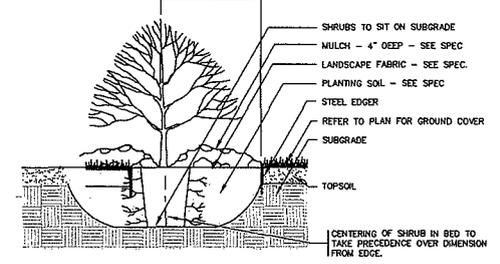
CO. RD. NO. 30



EXISTING

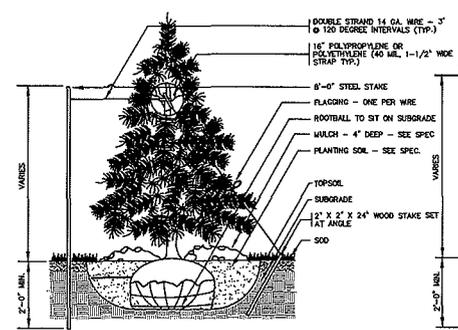
- DENOTES FOUND PROPERTY IRON
- DENOTES SET MONUMENT
- DENOTES BOUNDARY LINE
- - - DENOTES LOT LINE
- - - DENOTES SETBACK LINE
- - - DENOTES EASEMENT LINE
- - - DENOTES EXISTING CONTOUR LINE
- DENOTES LIGHT POLE
- DENOTES HYDRANT
- DENOTES WATER VALVE
- DENOTES ELECTRIC PEDESTAL
- DENOTES ELECTRIC METER
- DENOTES ELECTRIC MANHOLE
- DENOTES ELECTRIC TRANSFORMER
- DENOTES TELEPHONE PEDESTAL
- DENOTES HAND HOLE
- DENOTES SIGN
- DENOTES CABLE PEDESTAL
- UT DENOTES UNDERGROUND TELEPHONE
- W DENOTES WATER LINE
- SS DENOTES STORM SEWER
- UE DENOTES UNDERGROUND ELECTRIC
- DENOTES STORM CATCH BASIN (SQUARE)
- DENOTES CONIFEROUS TREE
- DENOTES DECIDUOUS TREE

NOTES:
 HAND LOOSEN ROOTS OF CONTAINERIZED MATERIAL (TYP.)
 SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING

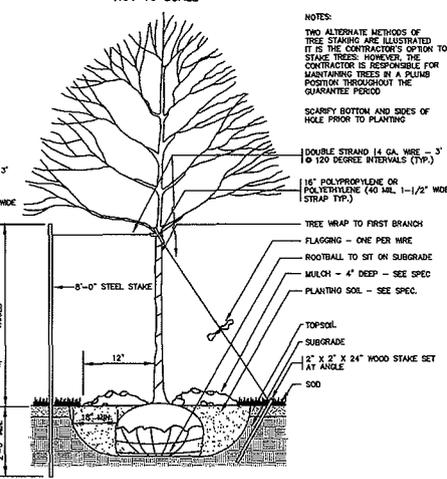


ARBOR-VITAE SHRUB WITH STEEL EDGER
 NOT TO SCALE

NOTES:
 CONIFER TO HAVE SHREDED HARDWOOD MULCH UNLESS NOTED OTHERWISE. NO MULCH TO BE IN CONTACT WITH TRUNK.
 SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
 TWO ALTERNATE METHODS OF TREE STAKING ARE ILLUSTRATED, IT IS THE CONTRACTOR'S OPTION TO STAKE TREES; HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TREES IN A PLUMB POSITION THROUGHOUT THE GUARANTEE PERIOD.



CONIFEROUS TREE
 NOT TO SCALE



HACKBERRY TREE
 NOT TO SCALE

PROPOSED

- DENOTES NEW PAVEMENT
- DENOTES INFILTRATION TRENCH
- DENOTES CURB & GUTTER
- DENOTES SODDED/SEEDED AREA
- DENOTES BITUMINOUS EDGE
- DENOTES B612 CURB & GUTTER
- DENOTES PROPOSED STORM SEWER
- DENOTES PROPOSED RETAINING WALL
- DENOTES ROCK AREA
- DENOTES SEEDLESS SILVER MAPLE "ACER SACCHARINUM" 2.5' CALIPER MIN.
- DENOTES COLUMNAR ARBOR VITAE "THUJA OCCIDENTALIS" 5' HEIGHT MIN.
- DENOTES PROPOSED 4" HACKBERRY TREE
- DENOTES PROPOSED CEDAR, EASTERN RED
- DENOTES PROPOSED LARGE BOLDERS 4' D.
- DENOTES PROPOSED CHAINE LINK FENCE
- DENOTES CONCRETE SIDEWALK
- DENOTES PLAYGROUND AREA
- DENOTES TRASH ENCLOSURE
- DENOTES PROPOSED BUILDING PHASE 1
- DENOTES PROPOSED BUILDING PHASE 2

PROPOSED PLANT INVENTORY

SYMBOL	DESCRIPTION	SIZE	QUANTITY
○	DENOTES PROPOSED HACKBERRY TREE	6' HEIGHT MIN.	27
○	DENOTES PROPOSED ARBOR-VITAE	5' HEIGHT MIN.	40
○	DENOTES PROPOSED CEDAR, EASTERN RED	7' HEIGHT MIN.	4
○	DENOTES SEEDLESS SILVER MAPLE "ACER SACCHARINUM"	7' HEIGHT MIN.	6

LANDSCAPE NOTES

- ALL PVIOUS SURFACE TO BE SEEDED AND/OR MULCHED AFTER GRADING IS COMPLETED.
- 22 ARBOR VITAE SHRUBS IN TOTAL ARE PROPOSED AS A PART OF THIS PROJECT
- 14 HACKBERRY TREES ARE PROPOSED AS A PART OF THIS PROJECT
- ALL SODDED AND SEEDED AREAS SHEL BE IRRIGATED
- SITE PERIMETER 1307 LF REQUIRED DECIDUOUS TREES 32

PRELIMINARY
 NOT FOR CONSTRUCTION

NO.	DATE	DESCRIPTION	BY

AEDS ENGINEERING DESIGN & SURVEYING
 6480 Wayzata Blvd. Minneapolis, MN 55426
 OFFICE: (763) 545-2800 FAX: (763) 545-2801
 EMAIL: info@edsmn.com WEBSITE: http://edsmn.com

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
Vlad Sviriver
 VLADIMIR SVIRIVER P.E. NO. 25105 DATED: 10/12/15

LANDSCAPE PLAN

JOB NAME: ALEXANDER BOCHARNIKOV	DRAWN BY: TS	PROJ. NO. 15-127
LOCATION: 9455 GARLAND LANE NORTH MAPLE GROVE, MN 55311	CHECKED BY: VS	SHEET NO. C7

REQUEST FOR COMMITTEE ACTION

Item Number: 3B



Meeting Date: November 12, 2015
Agenda Heading: New Business
Agenda Item: Landscape Plan – The Village at
Arbor Lakes

Recommended Committee Action:

Review and comment on the Landscape Plan for the proposed The Village at Arbor Lakes.

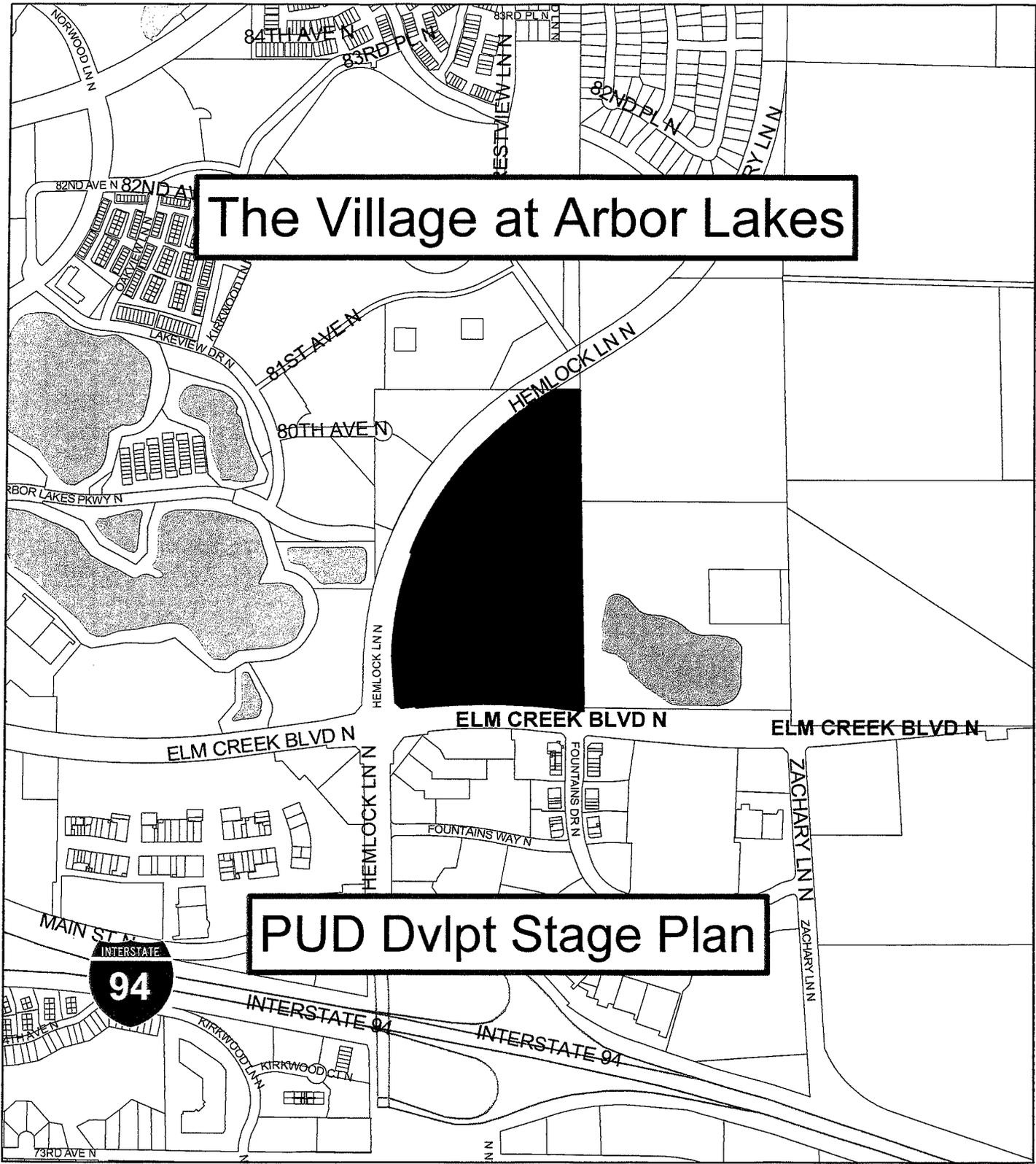
Discussion:

The Village at Arbor Lakes development is being proposed for the northeast corner of Hemlock Lane and Elm Creek Boulevard. This development is proposed to be on the north side of Elm Creek Boulevard, across the street from TGIFridays.

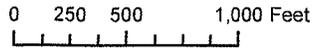
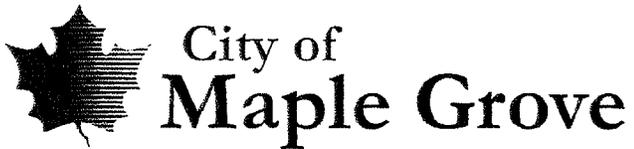
Based upon the lot perimeter, a total of 73 overstory trees are required. The developer is proposing 74 overstory trees along with a full complement of understory trees and shrubs. Attached is the Landscape Plan (L1.0), south entry planting plan (L2.0), north entry planting plan (L3.0), and details and notes (L4.0) of the development.

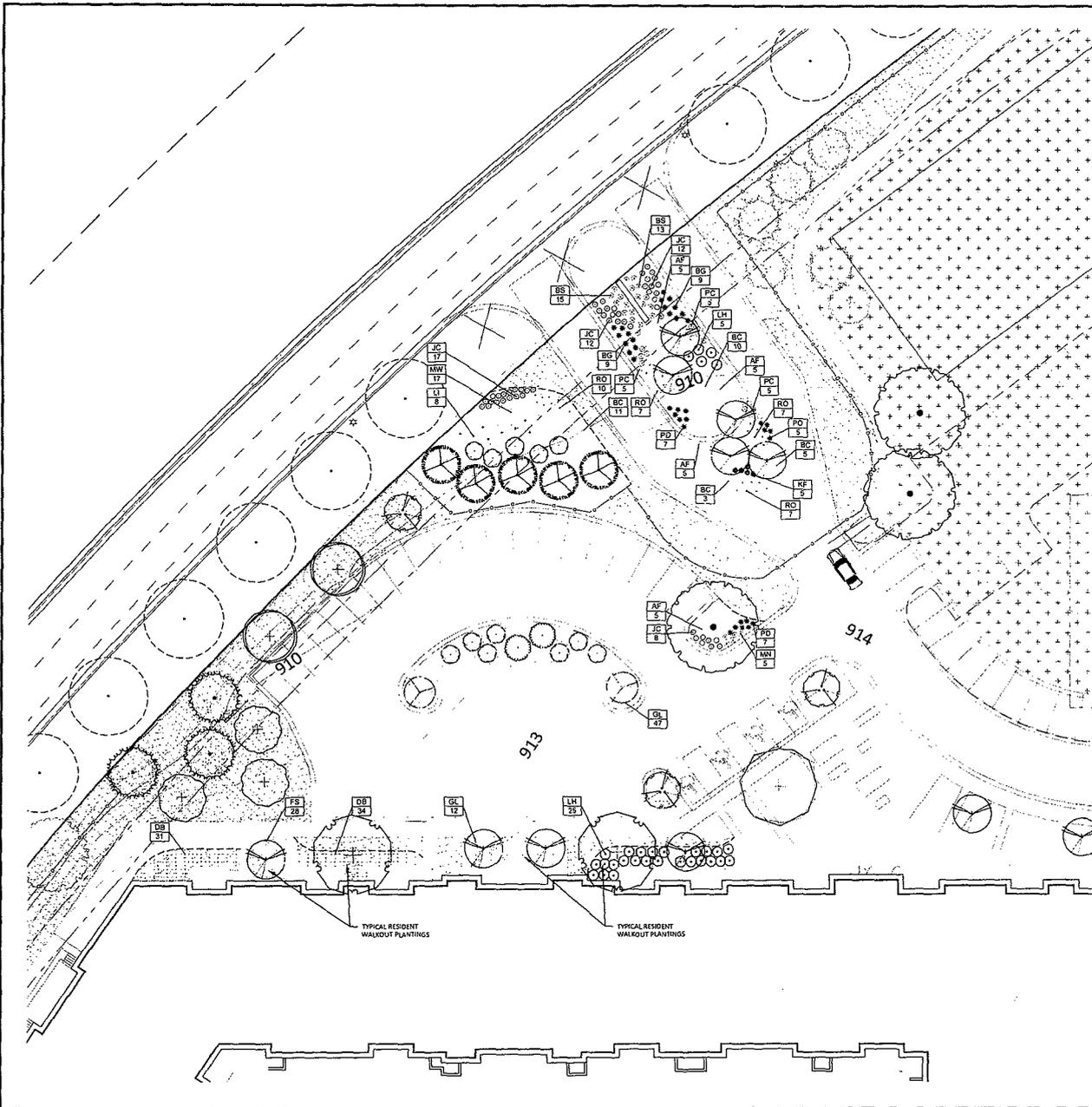
Arbor Committee review and comment on the plan is requested.

Committee Comments:



NEIGHBORHOOD LOCATION MAP





PLANT SCHEDULE NORTH ENTRY AREA			
SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	QTY
BC	<i>Ar. melanocarpa</i> 'Autumn Magic' / Autumn Magic Black Chokeberry	5 gal	29
AF	<i>Cornus sericea</i> 'Aristo Fire' / Aristo Fire Dogwood	5 gal	20
DB	<i>Diervilla lonicera</i> / Dwarf Bush Honeysuckle	5 gal	70
FS	<i>Fortynia x nimbria</i> 'Show Off' / Show Off Fortynia	5 gal	28
LH	<i>Hydrangea paniculata</i> 'Little Lime' / Little Lime Hydrangea	5 gal	30
MW	<i>Patentillo fruticosa</i> 'McKay's White' / McKay's White Bush Cinquefoil	5 gal	17
GL	<i>Rhus aromatica</i> 'Gro-Low' / Gro-Low Fragrant Sumac	5 gal	59
RO	<i>Rosa x 'Oso Easy Flame'</i> / Rose	5 gal	31
LI	<i>Syringa x 'Penda'</i> / Boomerang Lilac	5 gal	8
ANNUALS/PERENNIALS			
	BOTANICAL NAME / COMMON NAME	SIZE	QTY
PC	<i>Echinacea purpurea</i> / Purple Coneflower	1 gal	15
JC	<i>Nepeta x 'basilini'</i> 'Junior Walker' / Junior Walker Catmint	1 gal	49
BS	<i>Rudbeckia hirta</i> / Black-eyed Susan	1 gal	20
MN	<i>Salvia x sylvestris</i> 'May Night' / Sage	1 gal	5
GRASSES			
	BOTANICAL NAME / COMMON NAME	SIZE	QTY
BG	<i>Bouteloua gracilis</i> 'Blonde Ambition' / Blue Grama	1 gal	18
HF	<i>Calamagrostis x acutiflora</i> 'Karl Foerster' / Feibaird Reed Grass	1 gal	5
PD	<i>Sporobolus heterolepis</i> / Prairie Dropseed	1 gal	19

Sambatek
www.sambatek.com
12800 Whitewater Drive, Suite 300
Minnetonka, MN 55343
763.476.6010 telephone
763.476.8532 fax/mobile
Engineering | Surveying | Planning | Environmental

Client
DORAN
COMPANIES

7803 GLENROY ROAD
SUITE 200
BLOOMINGTON, MN 55439

Project
THE VILLAGE AT
ARBOR LAKES

Location
MAPLE GROVE,
MN
NORTHEAST QUADRANT OF ELM
CREEK BLVD & HEMLOCK LANE

Certification
I hereby certify that this survey, plan or report was
prepared by me or under my direct supervision
and that I am a duly licensed LANDSCAPE
ARCHITECT under the laws of the State of
Minnesota.

First M. Name
Registration No. 12345 Date: 10/30/2015
This certification is not valid unless signed in blue
ink. If applicable, contact your local jurisdiction
of this survey which is available upon request at
Sambatek, Minnetonka, MN office.

Summary
Designed: MJC Drawn: MJC
Approved: MJC Book: / Pages:
Phase: PRELIMINARY Initial Issue: 10/30/2015

Revision History
No. Date By Submittal / Revision

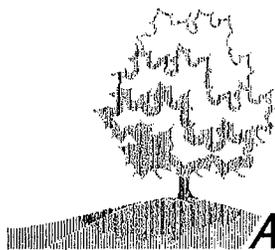
Sheet Title
NORTH ENTRY
PLANTING PLAN

Sheet No. Revision
L3.0

Project No. DOR20318

REQUEST FOR COMMITTEE ACTION

Item Number: 4A



MAPLE GROVE
ARBOR COMMITTEE

Meeting Date: November 12, 2015

Agenda Heading: Old Business

Agenda Item: EAB Management Plan Update

Recommended Committee Action:

None.

Discussion:

Staff is continuing to work on the EAB Management Plan for the City of Maple Grove. We have met with the City of St. Paul, and hope to meet with other cities to discuss Emerald Ash Borer. Meetings and discussions will be ongoing as the City hopes to have a plan in place soon. Please bring any comments, questions, or concerns to the meeting.

Committee Comments:

REQUEST FOR COMMITTEE ACTION

Item Number: 4B



Meeting Date: November 12, 2015
Agenda Heading: Old Business
Agenda Item: Buckthorn Removal Event

Recommended Committee Action:

None.

Discussion:

A review of the buckthorn event that took place on Saturday, November 7.

Committee Comments:

REQUEST FOR COMMITTEE ACTION

Item Number: 5



Meeting Date: November 12, 2015
Agenda Heading: Area Reports
Agenda Item: Area Reports

Recommended Committee Action:

None.

Discussion:

The Area Reports section of the agenda provides an opportunity for any Committee member to report any item in the City that needs staff attention. The issue will be forwarded to the appropriate staff member with a response provided at the next meeting.

Committee Comments: