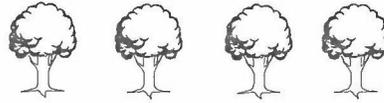


MAPLE GROVE
ARBOR COMMITTEE
REGULAR MEETING
NOVEMBER 10, 2016
7:00 PM – ROOM 183
MAYOR'S CONFERENCE ROOM



1. CALL TO ORDER
2. APPROVAL OF AGENDA AND MINUTES
 - A. APPROVAL OF AGENDA
 - B. APPROVAL OF MINUTES – OCTOBER 13, 2016 REGULAR MEETING
3. OLD BUSINESS
 - A. LANDSCAPE ORDINANCE DISCUSSION
4. NEW BUSINESS
 - A. JEFF HANSEN PRESENTATION ON EAB
 - B. REQUIRED LANDSCAPING ORDINANCE REVIEW
 - C. TREE PRESERVATION DISTRICT REVIEW
 - D. GIRL SCOUT PROJECT PROPOSAL
 - E. HY-VEE NORTH LANDSCAPE REVIEW
 - F. THE RESERVE ARBOR LAKES LANDSCAPE REVIEW
5. AREA REPORTS
6. ADJOURNMENT

REQUEST FOR COMMITTEE ACTION

Item Number: 2 A & B



Meeting Date: November 10, 2016

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 10, 2016 regular meeting.

Motion by Committee member _____, seconded by Committee member _____ to approve the minutes of the October 13, 2016 regular meeting as presented or as amended.

Discussion:

Committee Comments:

boulevards throughout the City. Matzke stated that the City intends to plant approximately 150 bare root boulevard trees in 2017.

Committee Member Arnlund stated that the Parks Department may be interested in planting bare root trees in 2017 as well. Arnlund also stated that the bare root trees which are planted are recorded with georeferenced data, similar to the method used in the Tree Inventory project.

Menard's Expansion
Landscape Plan

Staff Liaison Matzke stated that as part of Menard's planned store expansion, it has acquired additional land on the southwest portion of its site. Committee Member Kampel pointed out that the Norway Columnar Spruce trees shown on the Landscape Plan are not considered over-story trees, and should therefore be omitted from the total over-story tree calculation.

Kampel asked why the entire Menard's site wasn't factored into the Landscape Plan's calculations. Matzke explained that he was informed that we are only able to consider the expansion area, and not the total site. Kampel requested that Matzke contact the City Attorney's office for clarification on that matter.

Committee Member Arnlund requested that the Committee receive updates for projects that the Committee reviews after the projects are approved by the City Council.

Finalize Buckthorn
Event

Staff Liaison Matzke stated that the Buckthorn Removal Event has been scheduled for Saturday, November 5 from 9 am – 12 pm. The Event will take place at the City's Forest Preservation Area on the west side of Vicksburg Lane, south of Nottingham Parkway. Matzke will bring various tools needed for the removal of the buckthorn.

Committee Member Arnlund requested that the public be invited to participate in the event, and suggested contacting Northwest Cities Channel 12 as well as the Maple Grove/Osseo Press to promote the event. It may be too late to promote this year's Event, but staff will

look into promoting future Buckthorn Removal Events to the public.

Landscape Ordinance
Discussion

Staff Liaison Matzke stated that letters will be mailed to Target and Sam's Club making the businesses aware that they are not in compliance with their original Landscape Plans.

Council Member Hanson questioned whether or not there is an enforcement mechanism for Landscape Plan non-compliance. Chair Parenteau stated that after two years from the commencement of a project, escrowed funds are typically returned to developers and that she is unsure if any other enforcement mechanisms exist.

Matzke stated that he will consult with Dick Edwards regarding ways to enforce landscaping requirements in commercial and multi-family residential areas after projects are completed. Committee Member Kampel requested that the Committee receive copies of the letters that will be distributed to Target and Sam's Club.

New Business

Water's Edge at Central
Park II – Landscape
Review

Staff Liaison Matzke introduced this item, and explained that a developer is seeking approval for a Planned Unit Development (PUD) Plan for the purpose of developing 38 attached single family residential housing units located at Forestview Lane and Central Park Way. Committee Member Kampel stated that the Landscape Plan is in compliance with City requirements, and in fact exceeds minimum requirements, and recommended the Plan for approval. The Committee concurred.

Committee Member Arnlund requested that Committee Members receive copies of the T-Zone Ordinance at the following meeting, as well as an update regarding the residential PUD development located at the northwest corner of Lawndale Lane No. and County Road 30.

Landscape Guidelines
For Gravel Mining Area

Staff Liaison Matzke explained that the Community Development Department seeks input from the Arbor Committee regarding the incorporation of landscape requirements for the Gravel Mining Area, located north

of Elm Creek Boulevard, south of Weaver Lake Road, east of Hemlock/Zachary Lane and west of Jefferson Highway. Suggested landscape requirements could become a part of the City's 2018 Comprehensive Plan revision process.

Council Member Hanson requested that additional information be given to the Committee to help facilitate the discussion surrounding landscaping, including future land use and zoning information, locations of future roads, etc. Matzke will request additional information, and the Committee will discuss this item in greater detail at its November meeting.

Area Reports

Committee Member Courtney stated that there is a sightline visibility issue for motorists travelling from eastbound Weaver Lake Road onto westbound I-94. Courtney stated that the boulevard plantings in the Weaver Lake Road median are overgrown, and prevent motorists making left hand turns from being able to adequately see oncoming traffic. Matzke will report this issue to the Public Works Department.

Chair Parenteau stated that there are two dead trees on the north side of Weaver Lake Road, near the Medicine Lake Regional Trail and the Weaver Lake Elementary School driveway. Matzke will report this issue to the Public Works Department.

Committee Member Kampel stated that there is a crack over a traffic loop detector on the northeast corner of the Maple Grove Parkway / County Road 30 intersection, near the TCF Bank building. Matzke will report this issue to the Public Works Department.

Committee Member Kampel stated that he reported several crooked trees at the intersection of Maple Grove Parkway and Upland Lane No. on the online Tree Stewardship application. Kampel observed that the notice about the trees was removed from the Tree Stewardship program's online application, but that the trees are still crooked. Committee Member Arnlund will report this to the Public Works Department and ensure that the software is working properly.

Adjournment

Committee Member Arnlund made a motion to adjourn the meeting at 8:10 pm. The motion was seconded by Committee Member Kampel and passed unanimously on voice vote.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Joe Hogeboom".

Joe Hogeboom, Secretary
City of Maple Grove Arbor Committee
October 14, 2016

REQUEST FOR COMMITTEE ACTION

Item Number: 3A



Meeting Date: November 10, 2016

Agenda Heading: Old Business

Agenda Item: Landscape Ordinance Discussion

Recommended Committee Action:

None.

Discussion:

City Staff Liaison Matzke has been in communication with Community Development Director Dick Edwards about the concern that retailers are not compliant with the City Landscaping Ordinance. Staff Liaison Matzke will update the Arbor Committee on this situation.

Committee Comments:

REQUEST FOR COMMITTEE ACTION

Item Number: 4A



Meeting Date: November 10, 2016

Agenda Heading: New Business

Agenda Item: Jeff Hansen Presentation on EAB

Recommended Committee Action:

None.

Discussion:

Jeff Hansen from Rainbow Treecare will be giving a presentation about Emerald Ash Borer. His presentation will consist of an update on EAB and things that are being done to control this disease that has killed millions of ash trees throughout North America.

Committee Comments:

REQUEST FOR COMMITTEE ACTION

Item Number: 4B



Meeting Date: November 10, 2016

Agenda Heading: New Business

Agenda Item: Required Landscaping Ordinance Review

Recommended Committee Action:

None.

Discussion:

The Arbor Committee reviews landscape plans for projects going on throughout the City. At the October meeting, a request was made to review the current required Landscaping Plan Ordinance.

Arbor Committee review and comment is requested.

Committee Comments:

Sec. 36-831. Required landscaping.

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.
 - (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 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.
- (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)

REQUEST FOR COMMITTEE ACTION

Item Number: 4C



Meeting Date: November 10, 2016

Agenda Heading: New Business

Agenda Item: Tree Preservation District Ordinance Review

Recommended Committee Action:

None.

Discussion:

The intent of the Tree Preservation District Ordinance is to preserve, protect, maintain, and enhance the community's existing forest resource.

Arbor Committee review and comment requested.

Committee Comments:

DIVISION 6. T TREE PRESERVATION DISTRICT

Sec. 36-721. Purpose.

Sec. 36-722. Penalties.

Sec. 36-723. Waiver of requirements during emergencies.

Sec. 36-724. Development of technical specifications and guidelines.

Sec. 36-725. Applicability; right of entry.

Sec. 36-726. Restrictions for properties not undergoing development.

Sec. 36-727. Forest management plan.

Sec. 36-728. Tree preservation standards associated with site development.

Sec. 36-729. Site signage.

Sec. 36-730. Replacement standards.

Sec. 36-731. Tree protection.

Sec. 36-732. Performance guarantee.

Sec. 36-733. Exceptions.

Secs. 36-734—36-750. Reserved.

Sec. 36-721. Purpose.

The intent of this division is, through the preservation, protection, maintenance and management of the community's existing forest resource, including, but not limited to, individual or significant trees having ecological, cultural and/or historical significance, and the planting of trees to:

- (1) Aid in the stabilization of soil by the prevention of erosion and sedimentation;
- (2) Reduce stormwater runoff and the costs associated therewith and replenish groundwater supplies;
- (3) Aid in the removal of carbon dioxide and generation of oxygen in the atmosphere;
- (4) Provide a buffer and screen against noise pollution;
- (5) Provide protection against severe weather;
- (6) Aid in the control of drainage and restoration of denuded soil subsequent to construction or grading;
- (7) Provide a haven for birds which in turn assist in the control of insects;
- (8) Provide habitat for wildlife;
- (9) Protect and increase property values;
- (10) Conserve and enhance the city's physical and aesthetic environment; and
- (11) Generally protect and enhance the quality of life and the general welfare of the city.

(Code 1984, § 375:109(1))

Sec. 36-722. Penalties.

Any person who shall violate any of the provisions of this division or any forest management plan approved thereunder shall be guilty of an offense punishable as a misdemeanor each day or portion thereof that the violation continues. In addition, any and all permits and approvals extended by the city in connection with the property on which the violation occurs may be suspended or revoked after notice and an opportunity to be heard, and the city may also deny a certificate of occupancy or pursue injunctive relief and/or damages. Pursuit of any one of these remedies does not waive the city's right to pursue any or all of these remedies.

(Code 1984, § 375:109(12))

Sec. 36-723. Waiver of requirements during emergencies.

In case of emergencies involving, but not limited to, tornadoes, windstorms, floods, freezes or other natural disasters, the requirements of this division may be waived by the mayor or, in the absence of the mayor, the acting mayor.

(Code 1984, § 375:109(13); Ord. No. 06-31, § 1, 12-4-2006)

Sec. 36-724. Development of technical specifications and guidelines.

The arbor committee, appointed by the city council pursuant to chapter 2, article IV, division 3, shall assist the community development department in the development and maintenance of technical specifications and guidelines for its use in the administration of this division. This includes, but is not limited to, advice as to the kinds and species of trees unsuitable or undesirable for planting, such as noxious trees, and advising as to the areas and conditions under which suitable and desirable trees should be planted.

(Code 1984, § 375:109(11))

Sec. 36-725. Applicability; right of entry.

- (a) The T tree preservation district shall be applied to and superimposed upon any residential, commercial, or industrial district contained in this chapter. The regulations and requirements imposed by the T tree preservation district shall be in addition to floodplain, shoreland, and wetland regulations and requirements, and those established for the district wherein property is located, which regulations and requirements will all jointly apply to the property. Under the joint application of districts, the more restrictive requirements shall apply.
- (b) The areas affected by the terms of the T tree preservation district within the city shall be identified in a map adopted by the city council as a T tree preservation district map. The map shall be incorporated by reference as though fully set forth in this section. The legal descriptions of the T tree preservation district area are on file with the city clerk. In addition, the city may, based upon guidelines recommended by the arbor committee and approved by the city council, designate any tree for preservation because of any unique physical characteristic or growth process, or some historical or cultural significance. Such trees shall be known as landmark trees, and a list of such trees shall also be maintained in the office of the city clerk and shall be a part of this division as if fully set forth in this section.
- (c) The T district designations may be reviewed annually to ensure all designations are correct. Areas may be added or deleted as changes and plantings occur. Employees and representatives of the city may enter upon private property to inspect and identify trees in furtherance of the provisions of section 36-721 and this section after having given notice to the owner/occupant. Notice will be adequate if

made in person or, if in writing, stating date and time of the anticipated entry upon the property and identifying the city and the ordinance pursuant to which the entry is being made. Such notice, if not personal notice, shall be mailed by certified mail addressed to the owner/occupant at the address last shown on the county tax records in city offices and mailed in the United States mail at least four days prior to the anticipated entry. Failure of the addressee to receive such notice does not invalidate the notice or the entry.

(Code 1984, § 375:109(2))

Sec. 36-726. Restrictions for properties not undergoing development.

For purposes of tree removal on land within a T preservation district not in the process of being subdivided or developed, it shall be unlawful for any person to remove from privately owned land any tree eight inches in diameter at breast height (DBH) or larger in excess of the rate of 32 inches DBH per acre in any calendar year without immediately replacing any such tree pursuant to the appropriate ratio set forth in section 36-728 unless provided otherwise in a previously approved forest management plan approved by the city as set forth in section 36-727.

(Code 1984, § 375:109(3))

Sec. 36-727. Forest management plan.

- (a) Application. Any person desiring approval of a forest management plan as an alternative to the requirements of section 36-726 shall submit a written application to the city's community development department prepared by a natural resource professional. This application shall include the following information:
- (1) Name and address of applicant.
 - (2) Status of applicant with respect to the land.
 - (3) Written consent of the owner of the land, if applicant is not the owner.
 - (4) Name of person preparing any map, drawing or diagram submitted with the application.
 - (5) Location of the property, including a street address and legal description.
 - (6) Measure and map of the parcel of land, specifically designating all forested areas, the existing and proposed use of such areas, and actual dimensions of the areas.
 - (7) Location of all proposed or existing structures, roads, utilities, and driveways on the site.
 - (8) A written narrative describing the activities to be undertaken, the reasons for developing the plan, specific actions proposed by the forest management plan, and how those actions and activities will benefit the forest as an urban amenity, rather than their value for lumber or some other economic purpose. Specific examples of such benefit include, but are not limited to, better forest management (thinning or removal of certain tree species), improved wildlife habitat, creation of forest products (tree farming), recreation use, outdoor education, trails, and energy conservation.
- (b) Additional requirements. The community development director may, in addition, require the applicant for approval of a forest management plan to supply:
- (1) A site plan specifying the methods to be used to preserve all remaining trees and their root systems.
 - (2) Such other information as the community development director deems necessary for review of the proposed plan.

- (c) Review; action by council; termination; revocation. Upon receipt of the application, representatives of the city may visit and inspect the site and adjoining lands. Prior to voting upon a forest management plan, the city may solicit the opinion of a forester. If the city council determines that the plan will not destroy any designated or proposed landmark tree; will preserve positive attributes relative to stabilization of soil, water quality, and drainage; and will be for the good of the forest, it may approve the forest management plan by a majority vote. If the council determines otherwise, the application shall be denied.
- (1) If the city council denies a forest management plan, it shall set forth in writing the reasons for denial.
 - (2) An approved forest management plan shall remain in effect until a request to develop all or part of the property in the plan is filed with the city, which event shall automatically terminate the plan, or until the applicant, or the applicant's heirs, successors, or assigns, and the city agree to terminate the plan.
 - (3) The city council may, after notice and an opportunity to be heard, revoke an approved forest management plan if it determines, through inspection or otherwise, that such plan is not being followed. Upon such revocation, the basic restrictions of this division shall apply to the affected property as if no forest management plan had ever been approved for that property, and those restrictions shall continue to apply unless a new forest management plan for the property is approved at sometime in the future.
- (d) Any request for amendment of an approved forest management plan shall be processed and reviewed as if it were an initial application for such a plan, unless one or more application requirements in subsection (a) and (b) of this section are specifically waived by the city council by a majority vote.

(Code 1984, § 375:109(8))

Sec. 36-728. Tree preservation standards associated with site development.

Unless provided otherwise in an approved forest management plan set forth in section 36-727, the conditions following the submission requirements in this section shall apply to removal of trees having a trunk diameter of eight inches or more DBH.

- (1) Application. Any person desiring to develop all or part of any property within a tree preservation district shall submit an application (subdivision, site plan, planned unit development, among others) to the city's community development department together with a filing fee as set forth in chapter 16, article XI, of this Code. Accompanying the appropriate application shall be the following:
 - a. Tree inventory. Tree inventory shall include the species, diameter, condition and location of all trees at least eight DBH inches and shall be prepared by a forester, natural resources specialist, certified arborist, landscape architect or another qualified individual. Such qualified individual shall require approval by the community development director.
 - b. Tree preservation plan. The tree preservation plan shall show and specify:
 1. Total diameter inches and species composition of trees at least eight DBH inches to be preserved;
 2. Total number of diameter inches of trees to be removed;
 3. Limits of tree clearing, tree protection zones and fencing;
 4. Location, size and species of replacement trees required in section;
 5. Construction staging areas for parking and material storage including concrete washout areas;
 6. Location of all underground utilities.

- (2) Standards of preservation during subdivision.
- a. Seventy percent of the total tree inches for trees at least eight DBH inches of the site within the designated tree preservation district shall be protected. If more than 30 percent of the total DBH of trees on the site are removed due to the installation of streets and utilities and the grading necessitated by subdividing, the excess shall be replaced at a ratio of 1½ inches of replacement for every DBH inch of removal above 30 percent.
 - b. These standards for tree protection shall apply in all zoning districts during subdivision.
 - c. Further requirements during subdivision are set forth in chapter 30, pertaining to subdivisions, and include, but are not limited to, section 30-16(3)m.
- (3) Standards of preservation during construction or excavation after subdivision or when not connected with subdivision.
- a. Single-family detached and two-family dwellings. In subdivisions in the R-1, R-2, and R-3 zoning districts, the builder shall be responsible for working with the community development department for the protection of the trees to be preserved on a particular lot. The building pad shall include an area from the front lot line to a line 85 feet behind the front lot line. The building pad shall extend across the entire width of the lot. The builder shall be required to replace trees removed from within the building pad on a basis of ½ inch of replacement for each DBH inch of removal. Trees protected within the building pad may count toward replacement at a ratio of two inches of replacement for every DBH inch of trees protected. If trees are removed from the area outside the building pad, they shall be replaced on the following basis:

Specimen Trunk Size	Replacement Criteria
8" to 11" DBH	1 ½" of trees shall be replaced for every DBH inch removed
>11" DBH	2" of trees shall be replaced for every DBH inch removed

- b. Attached single-family dwellings and apartments. Lots on which attached single-family dwellings and apartments are constructed shall retain 40 percent of the DBH inches existing on the lot after the actions pursuant to subsection (2) of this section have been completed. If trees in excess of 60 percent are removed from the lot due to construction, they will be replaced on a basis of 1½ inches DBH of replacement for every DBH inch removed in excess of 60 percent.
- c. Residential planned unit development (PUD). The tree cover in a residential PUD shall be preserved in greater amount than in a single-family subdivision because of the flexibility in standards available to avoid tree removal. Seventy percent of the DBH inches existing in a residential PUD after the actions pursuant to subsection (2) of this section have been completed shall be retained after the development is completed. If trees are removed during construction in excess of 30 percent, they shall be replaced at a ratio of two inches of replacement for each DBH inch removed in excess of 30 percent.
- d. Industrial. Sites on which industrial buildings and facilities are constructed shall retain 40 percent of the DBH inches existing on the site after the actions pursuant to subsection (2) of this section have been completed. If trees in excess of 60 percent are removed from the site due to construction, they will be replaced on a basis of 1½ inches of replacement for every DBH inch removed in excess of 60 percent.

- e. Commercial. Sites on which commercial buildings and facilities are constructed shall retain 30 percent of the DBH inches existing on the site after the actions pursuant to subsection (2) of this section have been completed. If trees in excess of 70 percent are removed from the site due to construction, they will be replaced on a basis of 1½ inches of replacement for every DBH inch removed in excess of 70 percent.
 - f. Commercial and industrial PUDs. Sites on which commercial and industrial PUD buildings and facilities are constructed shall retain 40 percent of the DBH inches existing on the site after the actions pursuant to subsection (2) of this section have been completed. If trees in excess of 60 percent are removed from the site due to construction, they will be replaced on a basis of two inches of replacement for every DBH inch removed in excess of 60 percent.
- (4) Standards of preservation in all other circumstances. Whenever trees are removed under any circumstances other than those identified in subsections (2) and (3) of this section, preservation and replacement ratios set forth in subsection (3) shall apply.
 - (5) Survey of trees prior to issuance of building permit. Prior to the issuance of a building permit by the city for a lot within a development subject to the requirements of subsection (3) of this section, the applicant for such building permit shall provide a certified survey of the lot or lots for which the building permit is to be issued identifying the location, size and species of all trees eight inches DBH or larger in size. Such survey shall indicate trees that are to be removed and those that are to be saved. Diagrams of protective fencing shall be shown on the survey consistent with section 36-731. If required by the city, a tree replacement plan shall be provided complying with the provisions of subsection (3) of this subsection.
 - (6) Survey to tree prior to approval of occupancy. Prior to the city approving final occupancy for any structure contained within a tree preservation district, the applicant for such occupancy shall provide a certified survey of the lot verifying the information required in subsection (5) of this section. If the city determines that additional tree inches are removed after the completion of site improvements based on the survey, the city may require additional tree replacement.

(Code 1984, § 375:109(4))

Sec. 36-729. Site signage.

Prior to any tree being removed pursuant to subsection 36-728(2) or (3), the property owner shall cause to be posted on the perimeter of the site involved in the subdivision, excavation or construction activity signs readily visible to and understandable by the public identifying the trees and activity on the site as being subject to the provisions of tree preservation zoning regulations of the city. Such signs will be provided by the city, shall be placed at intervals of at least one sign per street frontage in proximity to planned entrances and shall remain in place until the activity has passed final approval by the city departments monitoring it. In addition, the property owner shall securely attach signs to the tree protection fence required under section 36-731 every 50 feet of protection fencing or portion thereof. Such signs will be provided by the city.

(Code 1984, § 375:109(5))

Sec. 36-730. Replacement standards.

- (a) As shown on a tree preservation plan required in section 36-728 (1)b, replacement shall occur in the area from which the trees are removed. If this is not desirable for the health or survival of the replacement trees, the trees shall be replanted elsewhere within the T zone from which the trees were removed. If this is also undesirable for the health or survival of the replacement trees, then the replanting may occur outside of the designated T zone but shall occur within the development. If this is not desirable for the health or survival of the replacement trees, then the landowner shall consult and work with the city to determine a better alternative planting location for the replacement trees.

- (b) Any replanting shall be done with trees of the primary species of the affected forest. At planting, the trunks of deciduous trees shall be at 2½ inches in diameter as measured six inches above the ground. Coniferous trees shall be at least five feet in height.
- (c) Replacement trees shall be identified as such until they are eight inches in DBH, shall be considered at least eight inches in DBH regardless of size and shall be treated accordingly for purposes of this division.
- (d) If any replanting is to occur outside the limits of the T zone, the parcel on which the replanting occurs shall be rezoned so as to be governed by the provisions of the T zone, or a covenant acceptable to the city shall be recorded by the property owner so as to make the provisions of this division applicable to the parcel on which the replanting occurs.

(Code 1984, § 375:109(6))

Sec. 36-731. Tree protection.

- (a) Trees designated for preservation shall be protected by a highly visible fence or other temporary structure deemed acceptable by the city. The protection area shall be defined by the projection of the tree dripline downward to the ground. If less protection is necessary due to the proximity of building structures or infrastructure, such reduced protection area shall require approval by the city prior to any construction activity taking place.
- (b) The location and means of tree protection shall require inspection and approval by the city prior to any construction activity taking place. The city shall also inspect the construction site during construction. The tree protection shall remain in place until the city has conducted an inspection of the lot and has approved the removal of the fencing.
- (c) No equipment, chemicals, soil deposits or construction materials shall be placed within a protective barrier.
- (d) Any landscaping activity subsequent to the removal of the barriers shall be accomplished with hand labor or light machinery having a gross weight of no more than 1,000 pounds.

(Code 1984, § 375:109(7))

Sec. 36-732. Performance guarantee.

Based upon the replacement trees identified in section 36-730, and prior to any construction activity taking place, the applicant shall submit a cash escrow, letter of credit or other surety acceptable to the city in the amount of 100 percent of the cost of the replacement trees proposed for the project area. Such surety shall remain in force for two full growing seasons following installation of the of the replacement trees to guarantee survival. At the end of the two-year period or subsequent two-year period, the city shall review the project area in coordination with the applicant and shall make a determination to:

- (1) Refund the appropriate performance surety; or
- (2) Require the planting of new trees to replace the replacement trees which did not survive the initial or subsequent two full growing seasons or subsequent periods until such time as the replacement trees have survived two full growing seasons.

For purposes of this section, all trees shall be alive and in satisfactory growing condition at the end of two full growing seasons. The growing season shall include the period May 1 through October 31. The two-year guaranty period for plant materials installed after June 1 shall commence the following year.

(Code 1984, § 375:109(9))

Sec. 36-733. Exceptions.

The provisions of this division shall not apply to:

- (1) The removal of trees from commercial nurseries or horticultural properties, such as tree farms, orchards or commercial forests. This exception shall not be interpreted to include lumber harvesting incidental to imminent development of the land.
- (2) The removal of trees on public rights-of-way conducted by or on behalf of a federal, state, county, municipal, or other governmental agency in pursuance of its lawful activities or functions in the construction or improvement of public rights-of-way.
- (3) The removal of trees deemed by the community development director to be diseased, dying, or dead.
- (4) The removal of any tree which has become or threatens to become a danger to human life or property.
- (5) The removal of any tree by a public utility when such tree has the reasonable potential of endangering the facilities operated by the utility.

(Code 1984, § 375:109(10))

Secs. 36-734—36-750. Reserved.

REQUEST FOR COMMITTEE ACTION

Item Number: 4D



Meeting Date: November 10, 2016

Agenda Heading: New Business

Agenda Item: Girl Scout Project Proposal

Recommended Committee Action:

None.

Discussion:

City Staff has received a request from Girl Scout Troop #14187 to put a bench in the Forest Preservation area. The purpose of the bench is to create a common community space to promote mindfulness and help reduce stress in people's lives. Documents attached provide information on the overall scope of the project.

Arbor Committee review and comment is requested.

Committee Comments:

SOPHIA FURCHT

Girl Scout Silver Award Project Proposal - Mental Health and Mental Fitness Troop 14187

Please type your answers to the following questions in paragraph form on a separate piece of paper and attach your answers to this form. Please write clearly.

A. Describe your project, the community issue your project will address and what you hope to achieve. What are your goals for your project?

As a troop, we are focusing on the topic of Mental Health and Mental Fitness, two unaddressed yet common issues. Each girl scout will take on a different element of promoting mental fitness through:

1. Community Awareness - promote awareness on mental health and design a common space to share information about mental health and wellbeing, or
2. School Education - partner with students to teach ways to promote mental health. Use and teach calming resources to help improve mental health and fitness for kids.

I have chosen to address category one along with three other Girl Scouts.

My project will inform people about mental health and help them understand it better. I will also create resources to help people improve their awareness of mental health, and their mental wellness. People would be healthier if they knew how to handle their stress and learned different coping mechanisms.

B. What are your reasons for selecting this project?

There are issues related to mental health that kids our age face like stress. Kids also face peer pressure and that can create a lot of anxiety and we want kids to know how to deal with their feelings in a positive way. We want kids and adults to know that what they are feeling is normal and that they are not alone. Often times this is something people do not know enough about to help themselves. By working on this project I will help others and also help myself learn some new skills. One reason I chose this topic is because it's a big, unaddressed issue that sounds scary and I want to create more of an understanding for those that struggle with mental health issues.

C. Outline the strengths, talents and skills that you plan to put into action. What skills do you hope to develop?

I hope to learn how to involve people and the community in projects that matter. This means I will need to learn how to persuade others, communicate well, listen to others, be good at inclusion, and show that I am sensitive to how others feel. I want to be a leader that people want to follow not have to. I want to be better at talking to people that I don't know well. I want to be more confident in sharing my ideas. I want to learn more about mental health and how it impacts the community.

The strengths I can share are my bravery and my willingness to take on projects that seem tough. We work well together as a troop so we can help one another work hard and be organized.

D. Describe the steps involved in putting your plan into action, including resources needed. How will you carry out your project? Explain your project as if you are speaking to someone who needs all the details.

My project is going to be about creating place where people can relax and de-stress and improve their mental fitness. We are building a bench that has a path of stones leading to it surrounded by calming flowers and is covered with handprints of the community to show we are all different but when put together we make a masterpiece. We would also like to include a leave your worries here box and educational information about mental health and mental fitness. When we thought about the root cause we realized one of the issues is people don't have enough resources to work

through their mental fitness. There are five main steps to making this project successful, which include

1. Finding a location for the bench
2. Figuring out and getting the supplies and help needed (including wood, nails, builders, etc.)
3. Creating and gathering educational mental health materials (to teach people about the issue)
4. Publicizing the new resource and opening day (may include collaborating with local businesses)
5. Unveiling ceremony and/or community participation

An idea we had was to have the unveiling ceremony during the month of May because that is mental health awareness month.

E. If you are working in a group, what are your individual roles and responsibilities?

I am working in a group with three other Girl Scouts and we have decided to split up the roles to create a more efficient process. We will all be working together but have been given individual tasks to divide the work evenly.

1. The location will be Taylor's job
2. Figuring out the supplies needed will be Erin's job
3. Creating and gathering educational materials will be my job
4. Working with local businesses to advertise will be Emily's job
5. The unveiling ceremony and/or community participation will include all of us

F. How are you going to display active leadership in your project? Remember: active leadership means involving other people in your efforts. How will you lead, coordinate, educate or inspire other people to make your project happen?

We will be including the community with the building process and we will be educating them about mental health and fitness. We will need to have carpenter hands to help us construct the bench and many people are very good at that in our community. We will also need to collaborate with local business to promote our new resource. The main purpose of our bench is to teach people about mental health and give them a resource for mental fitness, so we will need to add some educational information about the issue to teach the community. For this to be accomplished we are going to work with a social worker to learn more tools and information. We will also need a location for the bench and would need to work with local parks to see where we would be able to put the bench.

G. How is your project sustainable? How will it continue after your role is complete?

Our project is sustainable by teaching others about the role mental health and mental fitness plays in our everyday lives. We may not be building a new bench every year, but the resources at the bench (including a leave your worries here box, calming flowers, encouraging quotes, path made of stones, coping mechanisms, colorful handprints on the bench from the community, and educational information...) will always be there. For example the paper used for the leave your worries here box may be used up, but we could ask the park to replenish it every so often. And the handprints on the bench could be repainted every year as a celebration or anniversary of the bench kind of thing. And the flowers could be annual planting ceremony led by the professionals who maintain the location.

H. Describe how you plan to tell others about your project, the project's impact, and what you have learned (website, blog, presentations, videos, articles, etc.).

We plan to get the word out by publicizing through local businesses and the local newspaper. And once we have found our location, possibly putting signs up around the area, to publicize in advance. We would need to publicize the unveiling ceremony. The project's impact on the community will be them learning more about the issue and realizing everyone has it whether it be in the smallest degree. My hope is to have the community take charge and help each other against mental health and improve their mental fitness. I have learned that everyone deals with mental health and it is an important issue to address.

Introductions [Sophia]
 GS Troop 14187
 Names/Roles

Taylor - location
 Supplies - Erin
 Educational/Supporting Materials - Sophia
 Working with Local Businesses to promote - Emily
 Unveiling Ceremony - All

Project Purpose [Emily]

Create a common community space to promote mindfulness and help reduce stress in people's lives

Why We Chose This [Erin]

Many people are stressed and anxious but not many people talk about it. There is huge pressure to do everything well, but some people feel stigma in sharing their worries or troubles. We want people to know this is a common problem that can be helped, and help the do it.

How We're going to do it [Taylor]

Step	Ideas
Find Location/Finalize What It Is Taylor	Bench Sustainable Garden with Permanent Sign Helpful Materials to promote peacefulness Stones
Raise \$/Fundraising All	Cookie Booths Tip Jar Door to Door (neighborhood) Next Door App GoFund Me Page
Get Supplies Erin	Ask Local Businesses for Donations/Discount Offer Incentives (cookies) Heidi's Grow Haus
Make It & Supporting Materials All	Ask friends and neighbors who are skilled Bio Dots Stress Balls Resources Ribbons or wristbands Handprints Worry Box Henna "tattoos"
Install All	Depends what we built

Step	Ideas
Invite Community/Unveiling (perhaps in May; May is mental health month) Emily (Publicity) All (Ceremony)	Flyers in Mailboxes Next Door App Facebook Sun Sailor Maple Grove Press Posters at Local Businesses

REQUEST FOR COMMITTEE ACTION

Item Number: 4E



Meeting Date: November 10, 2016

Agenda Heading: New Business

Agenda Item: Hy-Vee North Landscape Review

Recommended Committee Action:

None.

Discussion:

The Applicant seeks approval for a PUD Development Stage Plan for the purpose of developing property into a 96,000 square foot grocery store with a 12,000 square foot future expansion and 4,100 square foot gas/convenience store and an outlot for future residential development.

The proposed PUD development is partially located in a T-Zone. Tree Inventory calculations for the Hy-Vee commercial parcel and future residential parcel is listed on the Tree Inventory Plan.

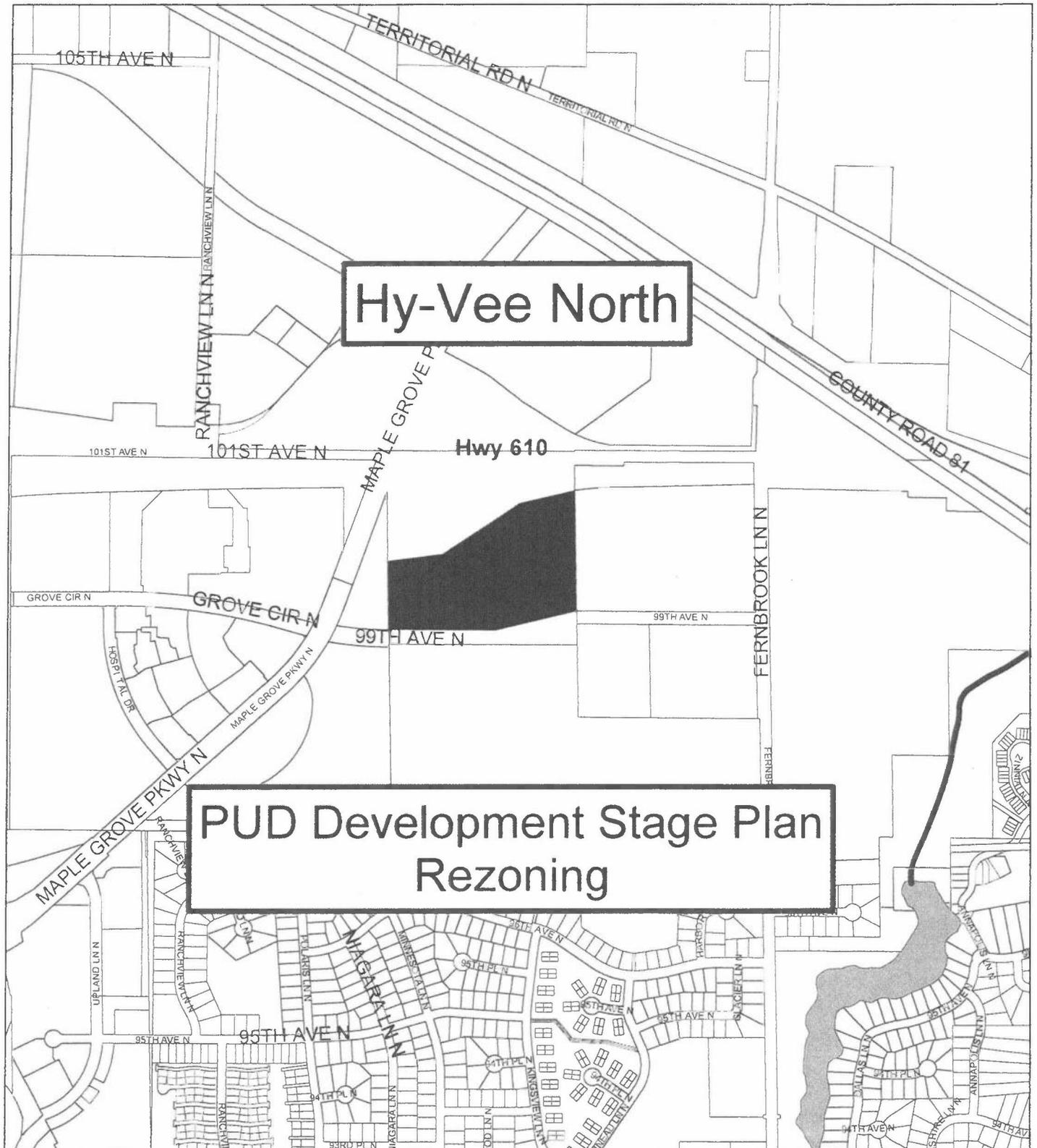
The Hy-Vee commercial parcel Inventory Plan shows 1,932 cal. in. being removed, which is 397.9 cal. in. excess of allowed removal. Excess removal replacement is 2:1 ratio meaning 795.8 cal. in. need to be replaced resulting in 319 trees 2.5 inches in size to be replaced.

The future residential parcel plan shows 659 cal. in. being removed, which is less than the 866 cal. in. allowed.

The perimeter of the lot is 3,221 linear feet, which means 81 overstory trees are required to meet minimum requirements of the City Code. Not more than 16 trees of one species can be planted in order to keep the percentage of one species under 20 percent.

Arbor Committee review and comment on the Tree Inventory and Landscape Plan is requested.

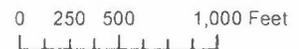
Committee Comments:



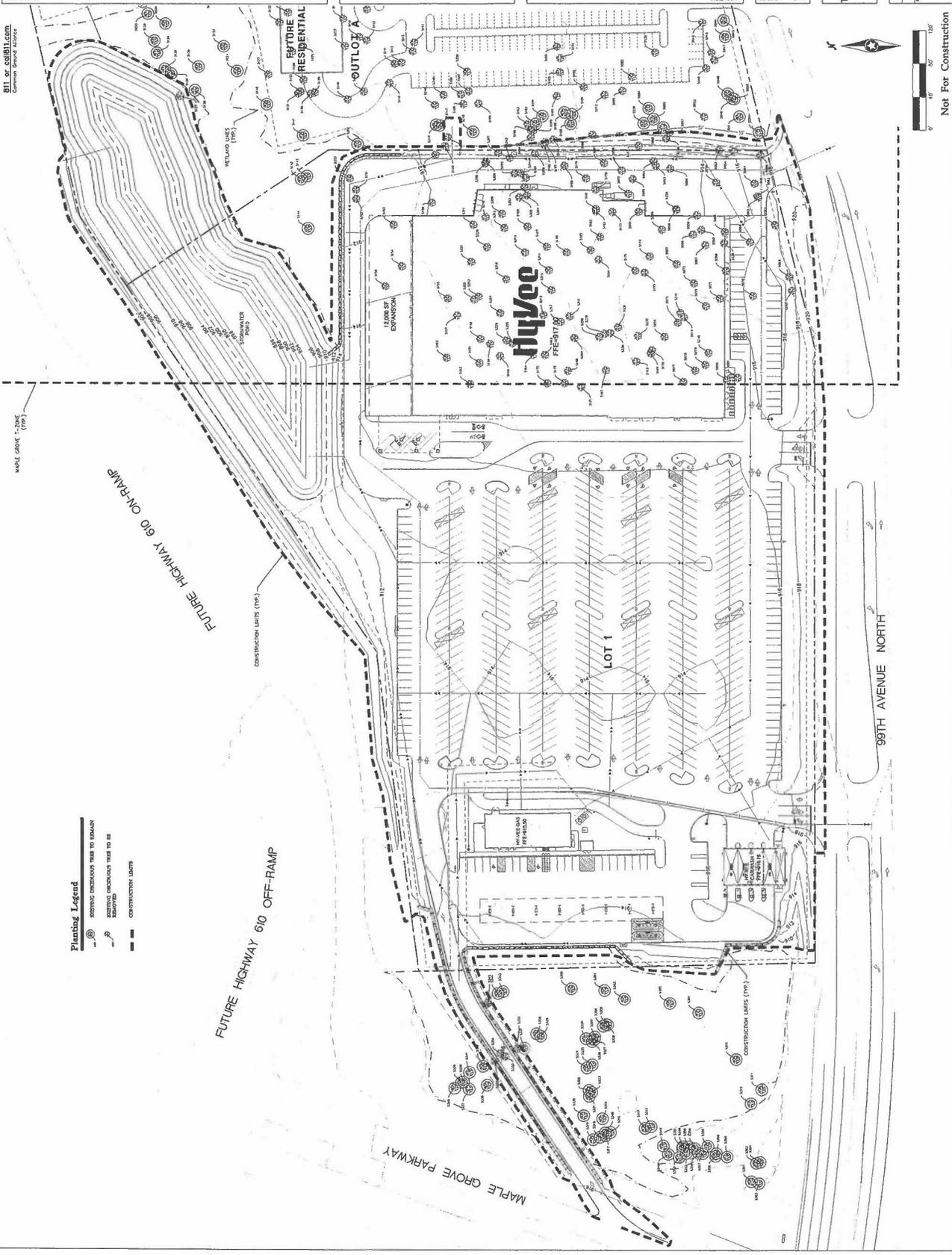
Hy-Vee North

**PUD Development Stage Plan
Rezoning**

NEIGHBORHOOD LOCATION MAP



811 or call 811.com
Common Shared Assets



Planting Legend

- EXISTING UNDESIRABLE TREES TO REMOVE
- EXISTING UNDESIRABLE TREES TO BE REMOVED
- CONSTRUCTION LINES

Westwood
 2000 Westwood Blvd. Ste. 200
 Minneapolis, MN 55416
 Tel: 612.338.1111
 Fax: 612.338.1112
 www.westwoodmn.com

Hy-Vee
 MAPLE GROVE HY-VEE
 MAPLE GROVE, MINNESOTA
 LOCATION
 HY-VEE INC.
 500 WEST 10TH AVENUE
 WEST LAKE MINN. 55081
 TELEPHONE: (612) 287-2000
 FAX: (612) 287-2000
 EMPLOYEE OWNED

CSA & TSC
 10000 Hennepin Ave. Suite 4400
 Minneapolis, MN 55424
 Tel: 612.338.1111
 Fax: 612.338.1112
 www.csaandtsc.com

TREE INVENTORY PLAN

DATE: 12/17/2014
 DRAWN BY: JEFFREY HANSEN
 CHECKED BY: JEFFREY HANSEN
 PROJECT: 1400000000
C2.0



Not For Construction

811 or call 811.com
before any digging

Planting Legend

- PROPOSED TREES
- EXISTING TREES TO REMAIN
- PROPOSED TREES TO BE REMOVED
- PROPOSED TREES TO BE REPLACED
- PROPOSED TREES TO BE MAINTAINED

Groundcover Schedule

Item	Quantity	Notes
1.00	1000	Planting Schedule
2.00	1000	Planting Schedule
3.00	1000	Planting Schedule
4.00	1000	Planting Schedule
5.00	1000	Planting Schedule
6.00	1000	Planting Schedule
7.00	1000	Planting Schedule
8.00	1000	Planting Schedule
9.00	1000	Planting Schedule
10.00	1000	Planting Schedule

Westwood

1111 Westwood Blvd
St. Paul, MN 55108
612-291-1111
www.westwood.com

HyVee

MAPLE GROVE HY-VEE
MAPLE GROVE, MINNESOTA

LOCATION: 1111 WESTWOOD BLVD
ST. PAUL, MN 55108
TEL: 612-291-1111
FAX: 612-291-1111

LANDSCAPE PLAN

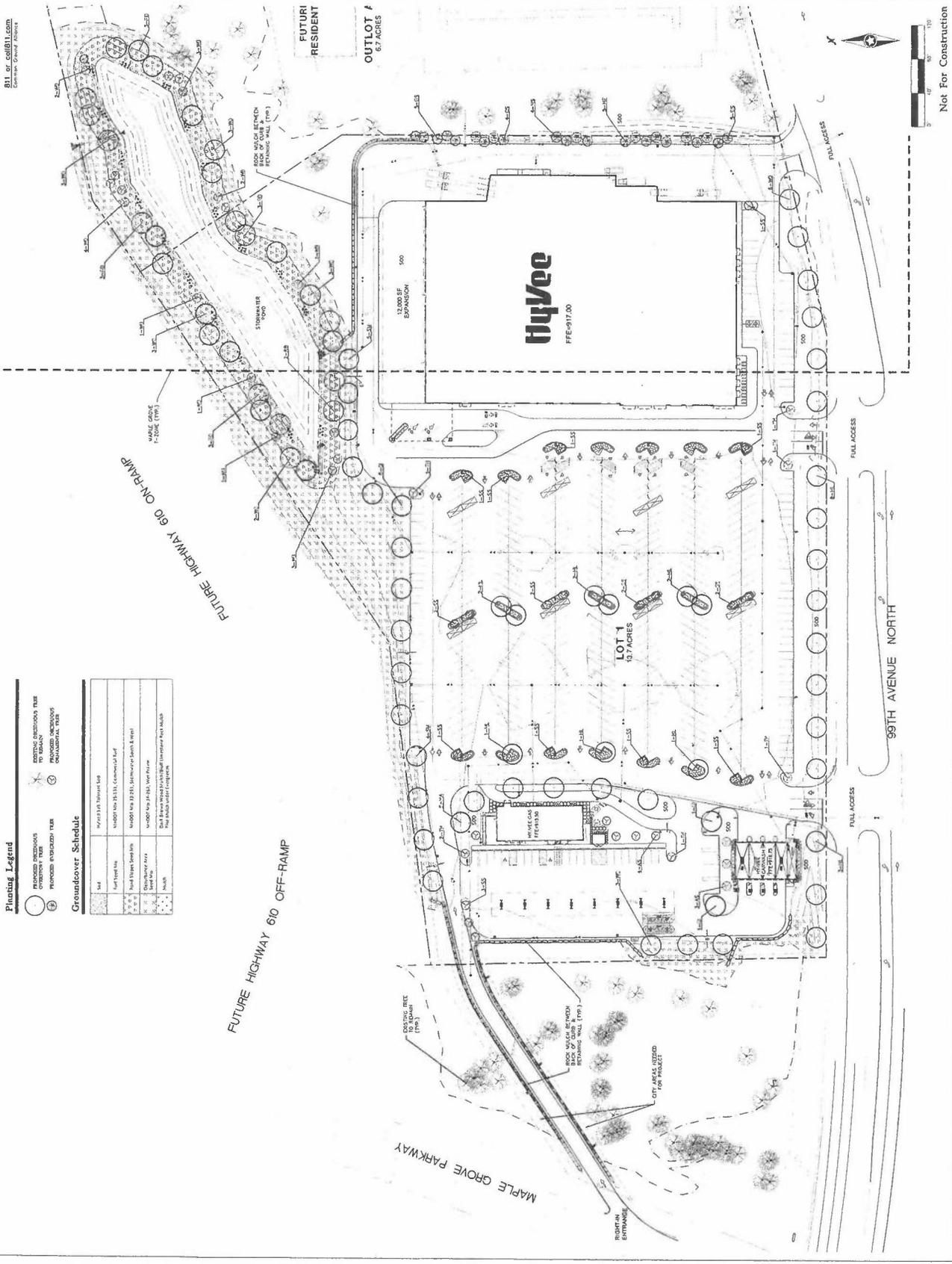
DATE: 10/15/14
DRAWN BY: [Signature]
CHECKED BY: [Signature]
SCALE: 1/8" = 1'-0"

L1.0

Not For Construction

Scale: 1" = 100'

North Arrow



REQUEST FOR COMMITTEE ACTION

Item Number: 4F



Meeting Date: November 10, 2016
Agenda Heading: New Business
Agenda Item: The Reserve Arbor Lakes
Landscape Review

Recommended Committee Action:

None.

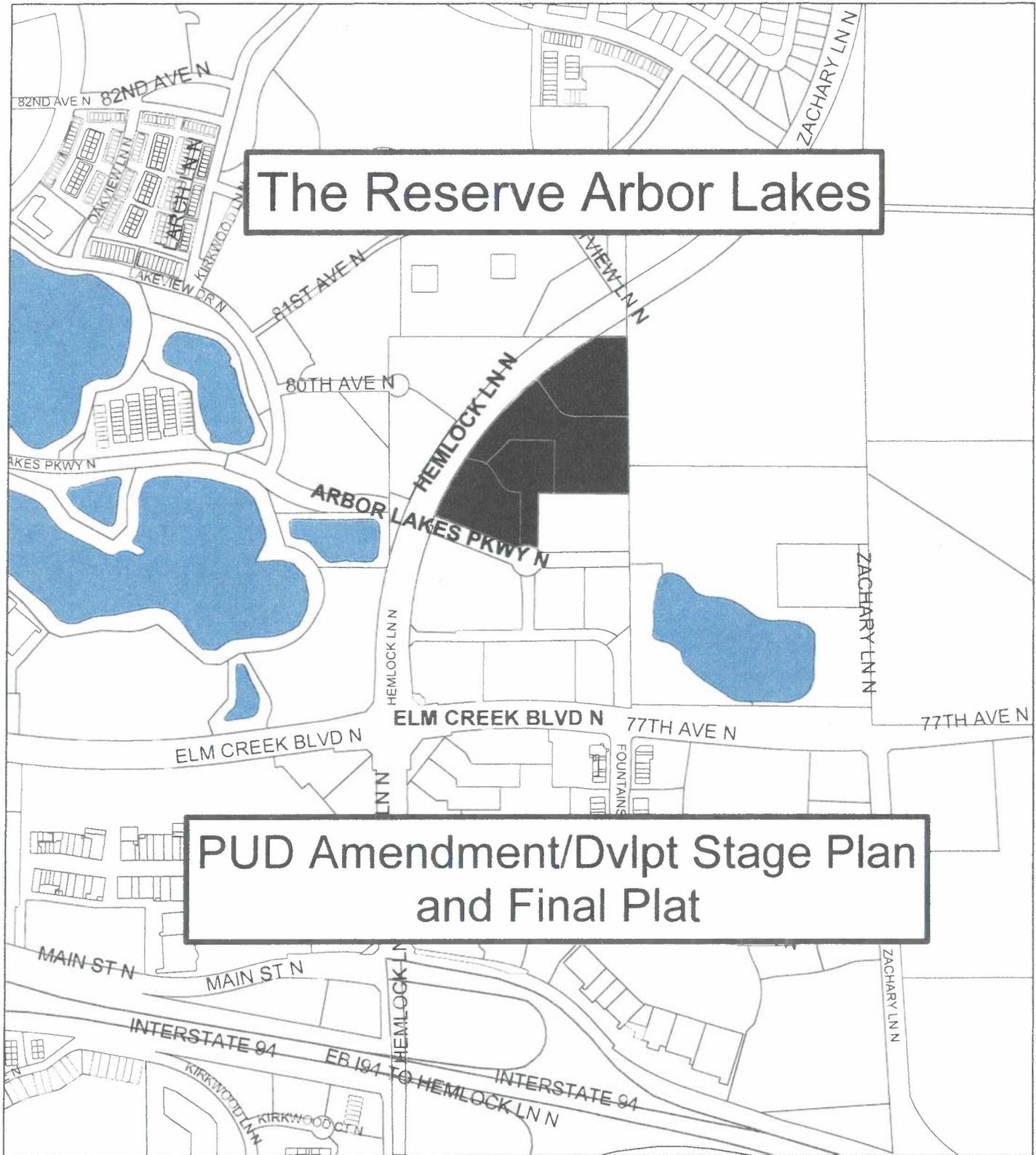
Discussion:

The Applicant seeks approval for a PUD Amendment and Development Stage Plan for the purpose of amending the clubhouse size and purpose and to construct 257 units of the 700 unit apartment building and a 25,000 square foot clubhouse.

The Reserve Arbor Lakes lot perimeter is 3,604 linear feet, meaning the requirement for overstory trees is 90 to meet City Code. To meet City Code, no more than 18 trees can consist of one species.

Arbor Committee review and comment on the Landscape Plan is requested.

Committee Comments:

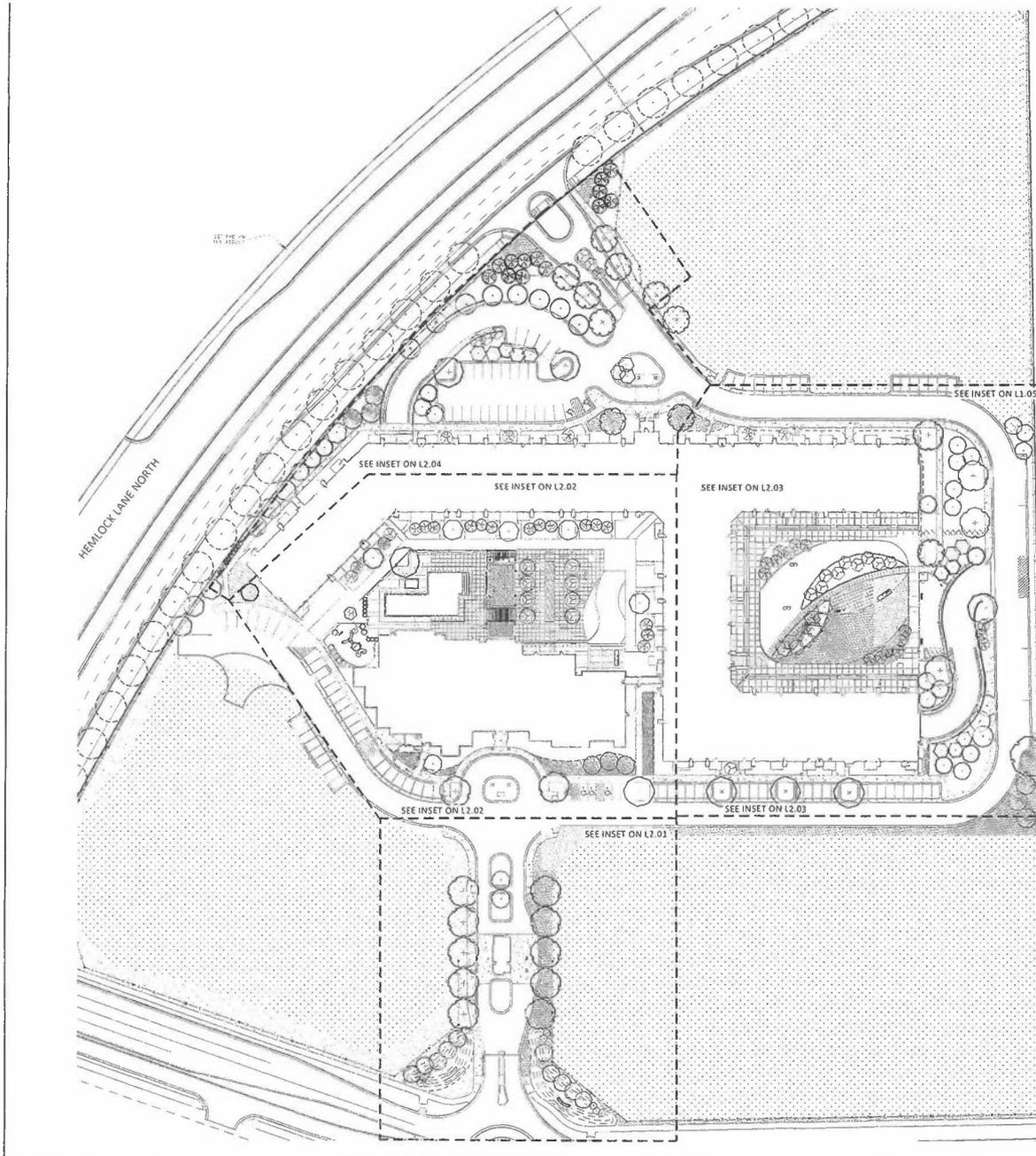


The Reserve Arbor Lakes

**PUD Amendment/Dvlpt Stage Plan
and Final Plat**

NEIGHBORHOOD LOCATION MAP





GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY THE EXISTING AND PROPOSED UTILITIES AND RECORD THEM TO THE PLAN AND LOCATIONS OF THE EXISTING UTILITIES SHALL BE SHOWN ON THE PLAN.
2. THE CONTRACTOR SHALL VERIFY THE EXISTING AND PROPOSED UTILITIES AND RECORD THEM TO THE PLAN AND LOCATIONS OF THE EXISTING UTILITIES SHALL BE SHOWN ON THE PLAN.
3. THE CONTRACTOR SHALL VERIFY THE EXISTING AND PROPOSED UTILITIES AND RECORD THEM TO THE PLAN AND LOCATIONS OF THE EXISTING UTILITIES SHALL BE SHOWN ON THE PLAN.
4. THE CONTRACTOR SHALL VERIFY THE EXISTING AND PROPOSED UTILITIES AND RECORD THEM TO THE PLAN AND LOCATIONS OF THE EXISTING UTILITIES SHALL BE SHOWN ON THE PLAN.
5. THE CONTRACTOR SHALL VERIFY THE EXISTING AND PROPOSED UTILITIES AND RECORD THEM TO THE PLAN AND LOCATIONS OF THE EXISTING UTILITIES SHALL BE SHOWN ON THE PLAN.
6. THE CONTRACTOR SHALL VERIFY THE EXISTING AND PROPOSED UTILITIES AND RECORD THEM TO THE PLAN AND LOCATIONS OF THE EXISTING UTILITIES SHALL BE SHOWN ON THE PLAN.
7. THE CONTRACTOR SHALL VERIFY THE EXISTING AND PROPOSED UTILITIES AND RECORD THEM TO THE PLAN AND LOCATIONS OF THE EXISTING UTILITIES SHALL BE SHOWN ON THE PLAN.
8. THE CONTRACTOR SHALL VERIFY THE EXISTING AND PROPOSED UTILITIES AND RECORD THEM TO THE PLAN AND LOCATIONS OF THE EXISTING UTILITIES SHALL BE SHOWN ON THE PLAN.
9. THE CONTRACTOR SHALL VERIFY THE EXISTING AND PROPOSED UTILITIES AND RECORD THEM TO THE PLAN AND LOCATIONS OF THE EXISTING UTILITIES SHALL BE SHOWN ON THE PLAN.
10. THE CONTRACTOR SHALL VERIFY THE EXISTING AND PROPOSED UTILITIES AND RECORD THEM TO THE PLAN AND LOCATIONS OF THE EXISTING UTILITIES SHALL BE SHOWN ON THE PLAN.

PLANTING NOTES:

1. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
2. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
3. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
4. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
5. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
6. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
7. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
8. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
9. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
10. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.

TURF NOTES:

1. ALL TURF SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
2. ALL TURF SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
3. ALL TURF SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
4. ALL TURF SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
5. ALL TURF SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
6. ALL TURF SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
7. ALL TURF SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
8. ALL TURF SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
9. ALL TURF SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
10. ALL TURF SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.

IRRIGATION NOTES:

1. ALL IRRIGATION SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
2. ALL IRRIGATION SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
3. ALL IRRIGATION SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
4. ALL IRRIGATION SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
5. ALL IRRIGATION SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
6. ALL IRRIGATION SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
7. ALL IRRIGATION SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
8. ALL IRRIGATION SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
9. ALL IRRIGATION SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.
10. ALL IRRIGATION SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS (ASLA) PRACTICE GUIDELINES FOR LANDSCAPE ARCHITECTURE.

CLIENT
DORAN DEVELOPMENT LLC
 7800 GLENN ROAD
 SUITE 200
 BIRMINGHAM, AL 35202

PROJECT
THE RESERVE ARBOR LAKES RESIDENCES

LOCATION
MAPLE GROVE, MN
 1550 ARBOR LAKES PARKWAY
 1550 ARBOR LAKES PARKWAY

CERTIFICATION
 I hereby certify that the above information is true and correct to the best of my knowledge and belief.

SUMMARY
 Drawn by: [Name]
 Approved by: [Name]
 Project No: [Number]

REVISION HISTORY
 Rev. Date By: [Name]
 Description: [Text]

SHEET TITLE
OVERALL LANDSCAPE TREE PLACEMENT PLAN

SHEET NO. / REVISION
L2.0

PROJECT NO. DOR20318

Client
DORAN DEVELOPMENT LLC.
 7800 GLENBURY ROAD
 SUITE 200
 MINNEAPOLIS, MN 55439

Project
THE RESERVE ARBOR LAKES RESIDENCES

Location
MAPLE GROVE, MN
 11550 ARBOR LAKES PARKWAY
 11650 ARBOR LAKES PARKWAY

Certification
 JCB GROUP
 7800 GLENBURY ROAD, SUITE 200
 MINNEAPOLIS, MN 55439
 763.478.0219

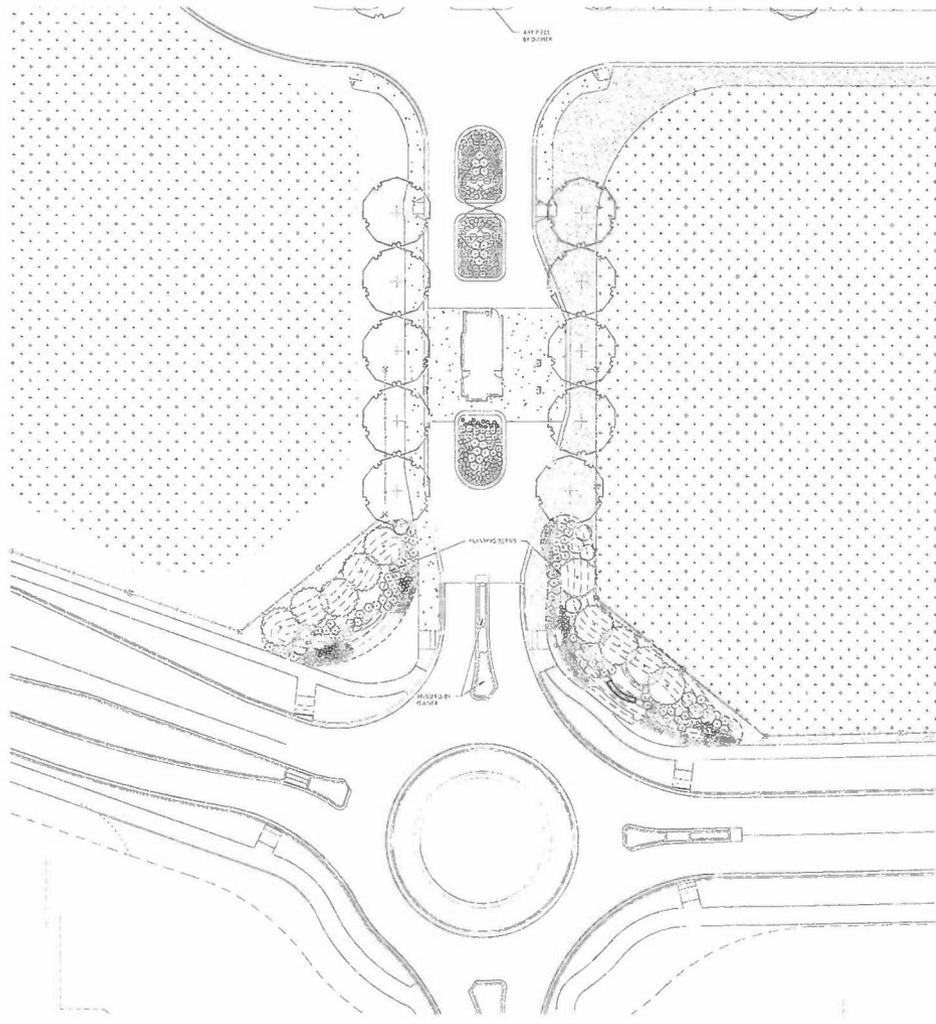
Summary
 Prepared by: JCB GROUP
 Reviewed by: JCB GROUP
 Project No.: 2018-001

Revision History
 This Date By: JCB GROUP
 Description: REVISIONS TO PLANTING PLAN
 01/18/2018 JCB GROUP
 02/15/2018 JCB GROUP

Sheet Title
SOUTH ENTRY PLANTING PLAN

Sheet No. Revision
L2.01

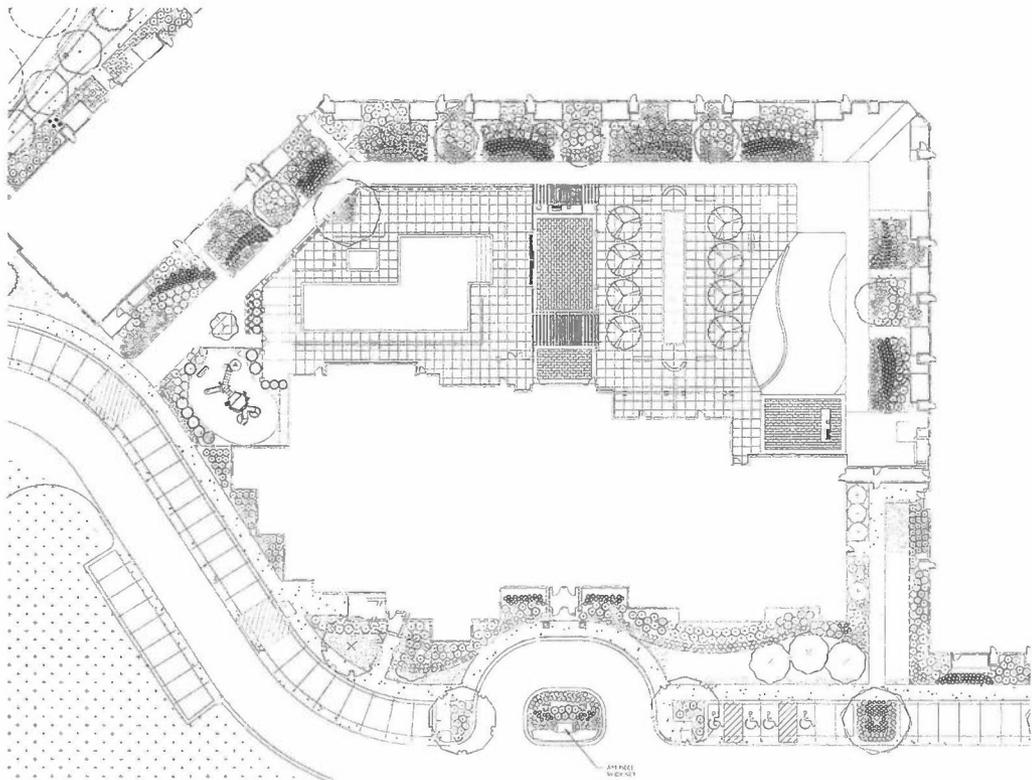
Project No. DOR20318



PLANT SCHEDULE FRONT ENTRY PLANTINGS						
TREES	CODE	BOTANICAL NAME / COMMON NAME	CONT.	CAL.	SPR.	DPY.
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'
	TRV	Prunella pennsylvanica / Black Cherry	8.00	2'		13'

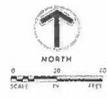
- LANDSCAPE LEGEND**
- ① 1/2" = 1' SCALE
 - ② 1/4" = 1' SCALE
 - ③ 1/8" = 1' SCALE
 - ④ 1/16" = 1' SCALE
 - ⑤ 1/32" = 1' SCALE
 - ⑥ 1/64" = 1' SCALE
 - ⑦ 1/128" = 1' SCALE
 - ⑧ 1/256" = 1' SCALE
 - ⑨ 1/512" = 1' SCALE
 - ⑩ 1/1024" = 1' SCALE
 - ⑪ 1/2048" = 1' SCALE
 - ⑫ 1/4096" = 1' SCALE
 - ⑬ 1/8192" = 1' SCALE
 - ⑭ 1/16384" = 1' SCALE
 - ⑮ 1/32768" = 1' SCALE
 - ⑯ 1/65536" = 1' SCALE
 - ⑰ 1/131072" = 1' SCALE
 - ⑱ 1/262144" = 1' SCALE
 - ⑲ 1/524288" = 1' SCALE
 - ⑳ 1/1048576" = 1' SCALE
 - ㉑ 1/2097152" = 1' SCALE
 - ㉒ 1/4194304" = 1' SCALE
 - ㉓ 1/8388608" = 1' SCALE
 - ㉔ 1/16777216" = 1' SCALE
 - ㉕ 1/33554432" = 1' SCALE
 - ㉖ 1/67108864" = 1' SCALE
 - ㉗ 1/134217728" = 1' SCALE
 - ㉘ 1/268435456" = 1' SCALE
 - ㉙ 1/536870912" = 1' SCALE
 - ㉚ 1/1073741824" = 1' SCALE
 - ㉛ 1/2147483648" = 1' SCALE
 - ㉜ 1/4294967296" = 1' SCALE
 - ㉝ 1/8589934592" = 1' SCALE
 - ㉞ 1/17179869184" = 1' SCALE
 - ㉟ 1/34359738368" = 1' SCALE
 - ㊱ 1/68719476736" = 1' SCALE
 - ㊲ 1/137438953472" = 1' SCALE
 - ㊳ 1/274877906944" = 1' SCALE
 - ㊴ 1/549755813888" = 1' SCALE
 - ㊵ 1/1099511627776" = 1' SCALE
 - ㊶ 1/2199023255552" = 1' SCALE
 - ㊷ 1/4398046511104" = 1' SCALE
 - ㊸ 1/8796093022208" = 1' SCALE
 - ㊹ 1/17592186444416" = 1' SCALE
 - ㊺ 1/35184372888832" = 1' SCALE
 - ㊻ 1/70368745777664" = 1' SCALE
 - ㊼ 1/140737491555328" = 1' SCALE
 - ㊽ 1/281474983110656" = 1' SCALE
 - ㊾ 1/562949966221312" = 1' SCALE
 - ㊿ 1/1125899932442624" = 1' SCALE





PLANT SCHEDULE CLUBHOUSE AREA					
TREES	CODE	BOTANICAL NAME / COMMON NAME	CONT.	CAL.	QTY
	T01	Amelanchier canadensis / Shadbush	8.0 B	3'	2
	T02	Amelanchier canadensis / Shadbush	8.0 B	3.5' Cal	1
	T03	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T04	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T05	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T06	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T07	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T08	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T09	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T10	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T11	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T12	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T13	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T14	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T15	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T16	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T17	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T18	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T19	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T20	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T21	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T22	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T23	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T24	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T25	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T26	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T27	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T28	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T29	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T30	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T31	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T32	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T33	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T34	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T35	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T36	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T37	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T38	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T39	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T40	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T41	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T42	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T43	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T44	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T45	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T46	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T47	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T48	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T49	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T50	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T51	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T52	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T53	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T54	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T55	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T56	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T57	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T58	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T59	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T60	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T61	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T62	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T63	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T64	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T65	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T66	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T67	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T68	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T69	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T70	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T71	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T72	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T73	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T74	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T75	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T76	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T77	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T78	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T79	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T80	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T81	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T82	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T83	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T84	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T85	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T86	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T87	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T88	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T89	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T90	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T91	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T92	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T93	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T94	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T95	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T96	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T97	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T98	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T99	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1
	T100	Quercus macrocarpa / Bur Oak	8.0 B	3.5' Cal	1

- LANDSCAPE LEGEND**
- ① 8.0" DIAMETER LIGHT GREEN TREE
 - ② 8.0" DIAMETER DARK GREEN TREE
 - ③ 8.0" DIAMETER BROWN TREE
 - ④ 8.0" DIAMETER BROWN TREE
 - ⑤ 8.0" DIAMETER BROWN TREE
 - ⑥ 8.0" DIAMETER BROWN TREE
 - ⑦ 8.0" DIAMETER BROWN TREE
 - ⑧ 8.0" DIAMETER BROWN TREE
 - ⑨ 8.0" DIAMETER BROWN TREE
 - ⑩ 8.0" DIAMETER BROWN TREE
 - ⑪ 8.0" DIAMETER BROWN TREE
 - ⑫ 8.0" DIAMETER BROWN TREE
 - ⑬ 8.0" DIAMETER BROWN TREE
 - ⑭ 8.0" DIAMETER BROWN TREE
 - ⑮ 8.0" DIAMETER BROWN TREE
 - ⑯ 8.0" DIAMETER BROWN TREE
 - ⑰ 8.0" DIAMETER BROWN TREE
 - ⑱ 8.0" DIAMETER BROWN TREE
 - ⑲ 8.0" DIAMETER BROWN TREE
 - ⑳ 8.0" DIAMETER BROWN TREE
 - ㉑ 8.0" DIAMETER BROWN TREE
 - ㉒ 8.0" DIAMETER BROWN TREE
 - ㉓ 8.0" DIAMETER BROWN TREE
 - ㉔ 8.0" DIAMETER BROWN TREE
 - ㉕ 8.0" DIAMETER BROWN TREE
 - ㉖ 8.0" DIAMETER BROWN TREE
 - ㉗ 8.0" DIAMETER BROWN TREE
 - ㉘ 8.0" DIAMETER BROWN TREE
 - ㉙ 8.0" DIAMETER BROWN TREE
 - ㉚ 8.0" DIAMETER BROWN TREE
 - ㉛ 8.0" DIAMETER BROWN TREE
 - ㉜ 8.0" DIAMETER BROWN TREE
 - ㉝ 8.0" DIAMETER BROWN TREE
 - ㉞ 8.0" DIAMETER BROWN TREE
 - ㉟ 8.0" DIAMETER BROWN TREE
 - ㊱ 8.0" DIAMETER BROWN TREE
 - ㊲ 8.0" DIAMETER BROWN TREE
 - ㊳ 8.0" DIAMETER BROWN TREE
 - ㊴ 8.0" DIAMETER BROWN TREE
 - ㊵ 8.0" DIAMETER BROWN TREE
 - ㊶ 8.0" DIAMETER BROWN TREE
 - ㊷ 8.0" DIAMETER BROWN TREE
 - ㊸ 8.0" DIAMETER BROWN TREE
 - ㊹ 8.0" DIAMETER BROWN TREE
 - ㊺ 8.0" DIAMETER BROWN TREE
 - ㊻ 8.0" DIAMETER BROWN TREE
 - ㊼ 8.0" DIAMETER BROWN TREE
 - ㊽ 8.0" DIAMETER BROWN TREE
 - ㊾ 8.0" DIAMETER BROWN TREE
 - ㊿ 8.0" DIAMETER BROWN TREE



DAI HILF
 www.daihilf.com
 17000 Lyndale Dr. N., Suite 200
 Minneapolis, MN 55432
 763.478.8000 (toll-free)
 763.478.8022 (office)
 (afternoon) / (evening) / (weekend)

Client
DORAN DEVELOPMENT LLC.
 1103 GLENVIEW ROAD
 SUITE 100
 BLOOMINGTON, MN 55438

Project
THE RESERVE ARBOR LAKES RESIDENCES

Location
MAPLE GROVE, MN
 11550 ARBOR LAKES PARKWAY
 11550 ARBOR LAKES PARKWAY

Certification
 LEED CERTIFIED GOLD PROJECT
 U.S. GREEN BUILDING COUNCIL (USGBC)
 LEED V4 OMBUDSMAN
 LEED V4 OMBUDSMAN
 LEED V4 OMBUDSMAN

Summary
 Project Name: Clubhouse Area
 Project Location: Maple Grove, MN
 Project Status: In Progress

Revision History
 No. Date By Description / Revision
 1 02/15/2023 JKH Initial Planting Schedule
 2 02/20/2023 JKH Updated Planting Schedule

Sheet Title
CLUBHOUSE PLANTING PLAN

Sheet No. Revision
L2.02

Project No. DOR20318

Client
**DORAN
DEVELOPMENT
LLC.**

7824 GLENHURST ROAD
SUITE 200
BLOOMINGTON, MN 55430

Project
**THE RESERVE
ARBOR LAKES
RESIDENCES**

Location
**MAPLE GROVE,
MN**
11550 ARBOR LAKES PARKWAY
11650 ARBOR LAKES PARKWAY

Certification
LEED Gold Certified
Green Building for Residential
Development
www.usgbc.org

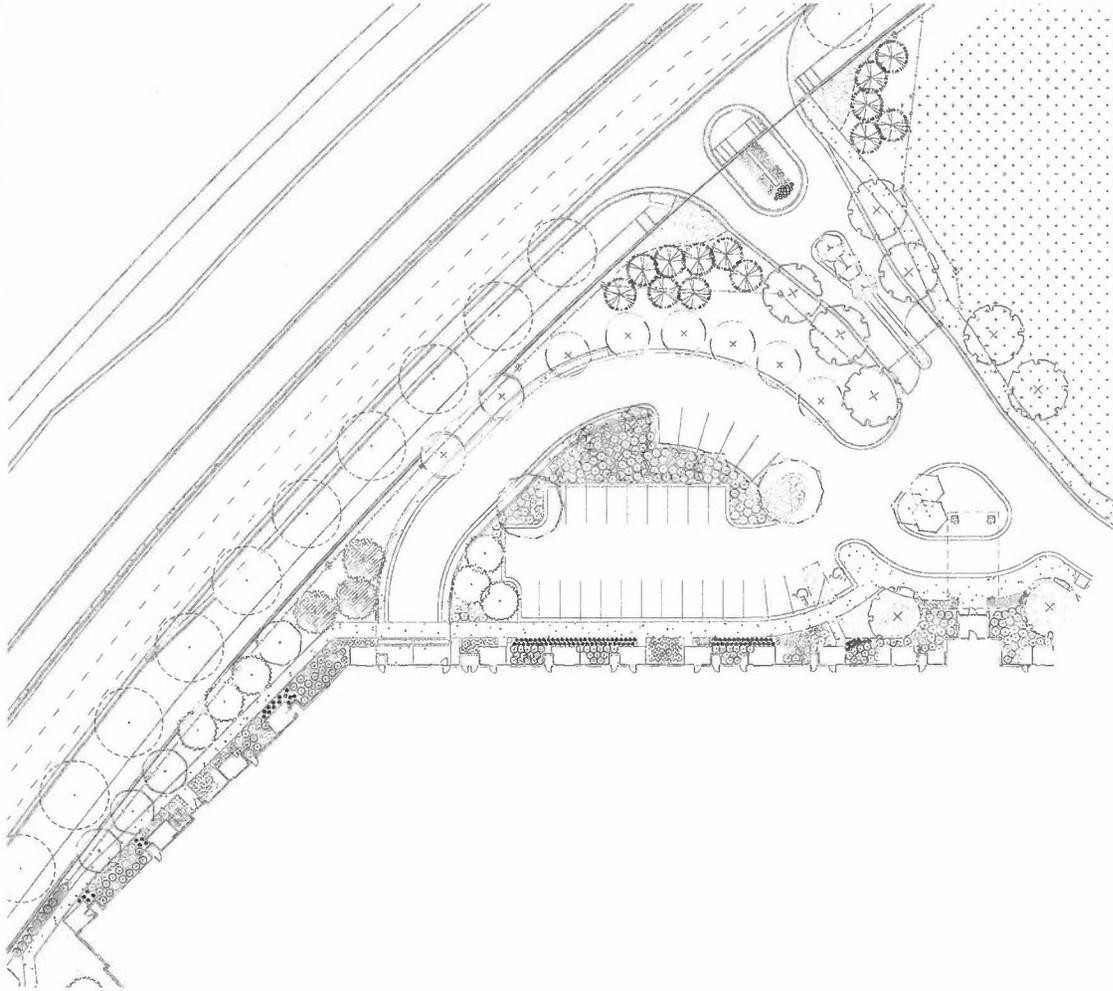
Summary
Site Plan
Site Plan
Site Plan
Site Plan

Revision History
No. Date By Description
1 01/15/18 J. Sahilli Initial Design
2 02/15/18 J. Sahilli Final Design

Sheet Title
**NORTH ENTRY
PLANTING PLAN**

Sheet No. Revision
L2.04

Project No. DOR20318



PLANT SCHEDULE NORTH ENTRY AREA						
TREES	CODE	BOTANICAL NAME / COMMON NAME	COVT	CA	DOB	QTY
	SS	Acer dasycarpum 'Spartan' / Sugar Maple	B & B	3' x 3'	5	5
	SB	Quercus macrocarpa 'Wingspan' / White Oak	B & B	3' x 3'	8	8
	PL	Quercus muhlenbergii 'Imperial' / White Oak	B & B	3' x 3'	3	3
	SD	Quercus bicolor 'Spartan' / White Oak	B & B	3' x 3'	3	3
	BL	Thuja occidentalis 'Blue Chip' / Blue-leafed Juniper	B & B	3' x 3'	1	1
SHRUBS						
CODE	BOTANICAL NAME / COMMON NAME	COVT	CA	DOB	QTY	
AS	Forbesia / Norway Spruce	B & B	3' x 3'	3	3	3
BS	Desmodium illinoense 'Black Hills Spikes'	B & B	3' x 3'	3	3	3
BP	Pinus strobus 'Prince of Wales'	B & B	3' x 3'	3	13	13
GRASSES						
CODE	BOTANICAL NAME / COMMON NAME	COVT	CA	DOB	QTY	
S3	Stipa lanata 'Blue Star' / Blue Star Grass	B & B	3' x 3'	3	3	3
S4	Stipa sp. 'Spring Green' / Spring Green Grass	B & B	3' x 3'	3	3	3
S5	Stipa sp. 'Prairie Queen' / Prairie Queen Grass	B & B	3' x 3'	3	3	3
PERENNIALS						
CODE	BOTANICAL NAME / COMMON NAME	COVT	CA	DOB	QTY	
BC	Stachys germanica 'Blue Star' / Blue Star Salvia	B & B	3' x 3'	3	11	11
AP	Campanula medium 'Amorosa' / Bellflower	3' x 3'	3' x 3'	3	18	18
BB	Scilla maritima 'Spring Blue' / Spring Blue Scilla	3' x 3'	3' x 3'	3	15	15
SSG	Stipa sp. 'Summer Green' / Summer Green Grass	3' x 3'	3' x 3'	3	114	114
MS	Malva sylvestris 'Fairy Tale' / Fairy Tale Mallow	3' x 3'	3' x 3'	3	101	101
AL	Alchemilla mollis 'Common' / Common Alchemilla	3' x 3'	3' x 3'	3	25	25
OL	Ornithoglossum sp. 'White' / White Starflower	3' x 3'	3' x 3'	3	17	17
SI	Stipa sp. 'Pine' / Pine Grass	3' x 3'	3' x 3'	3	23	23
ANNUALS PERENNIALS						
CODE	BOTANICAL NAME / COMMON NAME	COVT	CA	DOB	QTY	
CSA	Coreopsis sp. 'Summer Ready' / Summer Ready Coreopsis	1' x 1'	3' x 3'	11	11	11
BSB	Betonica sp. 'Bicolor' / Bicolor Betonica	1' x 1'	3' x 3'	31	31	31
STC	Stipa sp. 'Cottage' / Cottage Stipa	3' x 3'	3' x 3'	11	11	11
GRASSES						
CODE	BOTANICAL NAME / COMMON NAME	COVT	CA	DOB	QTY	
GP	Grass sp. 'Summer Green' / Summer Green Grass	1' x 1'	3' x 3'	12	12	12
BODIED						
CODE	BOTANICAL NAME / COMMON NAME	COVT	CA	DOB	QTY	
BLVND	Blank	1' x 1'	3' x 3'	11	11	11

- LANDSCAPE LEGEND**
- 1 USE MOUNTAIN SILVER MAP
 - 2 USE 1/4" = 1' SCALE
 - 3 NATURAL GRASS / NATURAL GRASS
 - 4 NATURAL GRASS / NATURAL GRASS
 - 5 NATURAL GRASS / NATURAL GRASS
 - 6 --- 1" = 10' SCALE



REQUEST FOR COMMITTEE ACTION

Item Number: 5



Meeting Date: November 10, 2016

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:

TO: Joe Bennett – Street Supervisor

FROM: Kelly E. Matzke – Arbor Committee Staff Liaison

DATE: October 14, 2016

SUBJECT: Dead Trees on Weaver Lake Road

An Arbor Committee Member stated that there are two dead trees on the south side of Weaver Lake Road between Tarleton Crest and the east entrance to Weaver Lake Elementary. There is concern that these trees have become a hazard and need to be inspected.

Please investigate the trees, and follow up with me so I can report back to the Arbor Committee at the November meeting.

TO: Joe Bennett – Street Supervisor

FROM: Kelly E. Matzke – Arbor Committee Staff Liaison

DATE: October 14, 2016

SUBJECT: Leaning Trees

At the Arbor Committee meeting last evening, a Committee Member shared that a request was made to straighten trees located on Maple Grove Parkway near Upland Lane. This request was reported using the online Tree Stewardship application. The Arbor Committee Member stated that the dot of the request disappeared on the interactive map, and nothing has been done to address the issue.

Please investigate the situation, and follow up with me so I can report back to the Arbor Committee at the November meeting.

TO: John Hagen – Transportation Operations Engineer

FROM: Kelly E. Matzke – Arbor Committee Staff Liaison

DATE: October 14, 2016

SUBJECT: Sightline Visibility Issue

At the Arbor Committee meeting last evening, a Committee Member expressed concern that drivers heading eastbound on Weaver Lake Road turning left to get onto I-94 west may be experiencing difficulty due to a sightline visibility issue. The member stated that it is difficult to see vehicles coming westbound on Weaver Lake Road due to the overgrown landscaping. The member was almost involved in an accident, and has recently witnessed other close calls involving other vehicles in that same location.

Please investigate the situation in that area, and follow up with me so I can report back to the Arbor Committee at the November meeting.

TO: John Hagen – Traffic Operations Engineer

FROM: Kelly E. Matzke – Arbor Committee Staff Liaison

DATE: October 14, 2016

SUBJECT: Traffic Loop Detector

An Arbor Committee Member reported that there is a crack in the pavement where the traffic loop detector is located on the northeast corner of Maple Grove Parkway and County Road 30 intersection.

Please investigate the situation, and follow up with me so I can report back to the Arbor Committee at the November meeting.
