

**City of Ramsey**  
**Agenda**  
**Environmental Policy Board (EPB)**  
**Monday, July 17, 2017**  
**6:30 pm**  
**The Lake Itasca Room, 7550 Sunwood Drive NW**

- 1. Call to Order**
- 2. Citizen Input**
- 3. Approve Agenda**
- 4. Approve Minutes**
  1. Approve Meeting Minutes Dated June 19, 2017
- 5. Policy Board Business**
  1. Consider Landscape Plan for Jasper Industrial Park
  2. Consider Landscape Plan and Tree Inventory for Bunker Lake Business Park
  3. Discuss Potential Zoning Amendment for Solar Improvements
- 6. Board/Staff Input**
  - Organics Drop-Off Recycling Program Update
  - Summer Recycling Event
- 7. Adjournment**

**Environmental Policy Board (EPB)**

**4. 1.**

**Meeting Date:** 07/17/2017

**By:** Chris Anderson, Community  
Development

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**Information**

**Title:**

Approve Meeting Minutes Dated June 19, 2017

**Action:**

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**Attachments**

Meeting Minutes Dated June 19, 2017

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**Form Review**

**Inbox**

Tim Gladhill

Form Started By: Chris Anderson

Final Approval Date: 07/14/2017

**Reviewed By**

JoAnn Shaw

**Date**

07/14/2017 12:17 PM

Started On: 07/14/2017 11:32 AM

**ENVIRONMENTAL POLICY BOARD  
CITY OF RAMSEY  
ANOKA COUNTY  
STATE OF MINNESOTA**

On Monday, June 19, 2017, the Environmental Policy Board (EPB) met in the COR Conference Room at the Ramsey Municipal Center, 7550 Sunwood Drive N.W., Ramsey, Minnesota.

Members Present:     Chairperson Thomas Stodola  
                          Board Member Colleen Anderson  
                          Board Member Jane Covart  
                          Board Member Michael Hiatt  
                          Board Member Lucas Trossen  
                          Board Member Michael Valentine

Members Absent:     Board Member Reid Bernard

Also Present:        City Planner Chris Anderson  
                          City Council Liaison John LeTourneau

**1.     CALL TO ORDER**

Chairperson Stodola called the meeting to order at 6:30 p.m.

**2.     CITIZEN INPUT**

None.

**3.     APPROVE AGENDA**

Motion by Board Member Valentine and seconded by Board Member Hiatt to approve the agenda as submitted.

Motion carried. Voting Yes: Chairperson Stodola, Board Member Valentine, Hiatt, Anderson, Covart, and Trossen. Voting No: None. Absent: Board Member Bernard.

**4.     APPROVE MINUTES**

**4.01: Approve Meeting Minutes Dated May 15, 2017**

Motion by Board Member Covart and seconded by Board Member Trossen to approve the regular meeting minutes dated May 15, 2017.

Motion carried. Voting Yes: Chairperson Stodola, Board Member Covart, Trossen, Anderson, Hiatt, and Valentine. Voting No: None. Absent: Board Member Bernard.

**5.     POLICY BOARD BUSINESS**

### **5.01: Consider Natural Resources Elements for Greenway Terrace Sketch Plan and Site Plan (Project No. 84): Case of Aeon**

City Planner Anderson presented the staff report. He stated that the City has received an application for Sketch Plan, Final Plat and Site Plan for Greenway Terrace, a three story, 54-unit apartment building located on the block bordered by Center Street, 146<sup>th</sup> Avenue, Traprock Street, and Ramsey Parkway. He stated that the Plan would subdivide the subject property into a buildable lot and an outlot, noting that developer intends to complete a second phase of the project on the outlot in the future. He stated that the purpose of this is to review the proposed Landscape Plan for the project. He noted The COR Design Framework emphasizes landscape improvements for the “streetscape” and is less prescriptive for the private property. Not noted that streetscape elements would include sidewalks, boulevards, and boulevard plantings.

Councilmember LeTourneau asked for details on the elements along the dog run.

City Planner Anderson replied that it would be a type of shrub.

Councilmember LeTourneau asked how this plan would look visually from the street side and asked if it would be similar to the Horton townhome development.

City Planner Anderson confirmed that the streetscape plantings would look similar but noted that this building would be larger than the Horton product. He noted that additional greenspace will be provided between the sidewalk and the building. He explained that this is a slightly different subdistrict of The COR and therefore the regulations are a bit different.

Chairperson Stodola asked if a holding tank would be allowed in this instance because infiltration is not allowed.

City Planner Anderson confirmed that could be done but the applicant is proposing to have the drainage flow directly to the central storm water for this area.

Board Member Hiatt asked for details on the material that would be used for the dog walk area.

City Planner Anderson replied that area would be turf. He noted that the crushed traprock paving would be used in areas of the dog run and around the community garden plantings and the remainder of that area would be turf. He confirmed that this area would fall into the area that allows for surface parking.

Councilmember LeTourneau stated that he appreciates the plantings in the middle of the parcel to break it up a bit.

City Planner Anderson noted that there is a connection proposed that would eventually connect to the second phase of the project.

Board Member Covart asked if the only access for the parcel would be from 146<sup>th</sup> Avenue.

City Planner Anderson confirmed that would be the only access point for this development. He was unsure if the second phase of the project would share that access or whether a second access would be provided.

Board Member Hiatt asked if the plans meet the requirements for landscaping.

City Planner Anderson noted that the proposed plans exceed the requirements of the City.

Councilmember LeTourneau asked what the Board is supposed to measure in these types of cases.

City Planner Anderson stated that there are minimum standards for the streetscape that are reviewed as well as ensuring there is not obstruction of sight lines at intersections, reviewing species and size, and providing comment or feedback on the internal landscaping. He noted that this plan goes above the minimum requirements and therefore there are not a lot of issues that require additional discussion in this case.

Motion by Chairperson Stodola and seconded by Board Member Hiatt to recommend approval of the Landscape Plan contingent on compliance with the Staff Review Letter.

Motion carried. Voting Yes: Chairperson Stodola, Board Member Hiatt, Anderson, Covart, Trossen, and Valentine. Voting No: None. Absent: Board Member Bernard.

**5.02: Consider Natural Resources Elements for Cole Addition Preliminary Plat (Project No. 17-132)**

City Planner Anderson presented the staff report. He reported that the City has received an application for Preliminary Plat from Bryon and Lynn Cole to subdivide their property at 6951 168<sup>th</sup> Avenue NW into eight lots, one of which will retain their existing home. He noted that the subject property is zoned R-1 Residential (MUSA) and guided for Low Density Residential. He highlighted the existing drainage and utility easements that would encumber the first four lots and noted that the developer has submitted plans to address the stormwater that are currently being reviewed by the engineering department. He noted that the applicant would need to design the stormwater from the site to meet the existing easement to the east, or work with the neighboring property owner to negotiate additional easement. He stated that staff also requests the construction of a segment of sidewalk to that would connect to the cul-de-sac. He noted that there is an existing row of evergreen trees that runs down the property line and would provide buffering from this proposed development and the existing more rural lots that would abut the development.

Board Member Covart asked for more details on the process to abandon a well and septic system.

City Planner Anderson noted that the Department of Health has regulations for abandoning wells and the City Building Code would have regulations for abandoning septic systems. He stated that one could choose to not abandon the well and instead use that for their irrigation system but noted that these plans choose to abandon and seal the wells.

Chairperson Stodola asked the number of lots.

City Planner Anderson stated that there would be a total of eight homes, one of which would possess the existing home. He noted that the lot for the existing home would be larger than the other seven buildable lots that would be created.

Board Member Valentine stated that it seems the big issue will be the stormwater and easement issues.

City Planner Anderson agreed that will be a large issue but noted that there are solutions and explained that it will simply come down to whether the solutions are feasible for the development.

Board Member Hiatt asked if the developer initially provided the narrative on the easements.

City Planner Anderson stated that the applicant did not provide the information in their narrative but when staff mentioned that item the applicant was able to turn that information around quickly, therefore he believes that they had the information ready. He noted that the engineering staff is reviewing the plans to determine if the proposed plans would be sufficient.

Board Member Hiatt stated that he does like the plan but expressed concern with the drainage issue, noting that the issue should be resolved not just for the subject parcels but the surrounding parcels as well.

City Planner Anderson noted that the engineering memorandum that addresses that issue would become a part of the Staff Review Letter that moves forward to the Planning Commission. He noted that the plans would also be subject to the approval of the Lower Rum River Water Management Organization.

Motion by Board Member Hiatt and seconded by Board Member Valentine to recommend approval of the Tree Preservation and Landscape Plans contingent upon compliance with the Staff Review Letter.

Motion carried. Voting Yes: Chairperson Stodola, Board Member Hiatt, Valentine, Anderson, Covart, and Trossen. Voting No: None. Absent: Board Member Bernard.

### **5.03: Consider Natural Resources Elements for Estates of Silver Oaks 2<sup>nd</sup> Addition Preliminary Plat**

City Planner Anderson presented the staff report. He reported that the City has received an application for Preliminary Plat for a proposed eight lot subdivision to be known as Estates of Silver Oaks 2<sup>nd</sup> Addition. He stated that the site is located east of TH 47 and north of 162<sup>nd</sup> Lane. He stated that the site is currently zoned R-1 Residential (Rural Developing) and thus, as proposed, a Zoning Amendment and Comprehensive Plan amendment would also be needed. He noted that the EPB reviewed certain aspects of this request at their May meeting. He provided additional details on density transitioning that would be needed, noting that most often developers choose landscaping and provided additional details on what would be needed. He asked for feedback on the impact to the oak stand and the density transitioning on the eastern portion of the plat.

Chairperson Stodola asked for additional details on the impact the future connection would have on the oak stand.

City Planner Anderson confirmed that further fragmentation of the natural corridor would occur if the parcel to the north develops.

Board Member Hiatt stated that perhaps staff could work with the developer to add additional landscaping to the larger western lot because of the impact to the oak stand that will occur on the eastern side.

City Planner Anderson stated that is a possibility that staff could request. He confirmed that the element could not be required. He stated that the developer has to work with the existing access to expand that which puts a challenge on the developer. He stated that the oak forest could not be recreated and therefore perhaps they are more specific on what would be proposed and attempt to go above and beyond that. He noted that perhaps oaks, and native trees, could be emphasized for the density transitioning.

Board Member Valentine stated that it is unclear to him whether they have exhausted all possibilities of preserving that oak forest or whether there are additional options that could be reviewed to preserve more of the forest without destroying the development value of the property.

City Planner Anderson replied that looking at the natural topography he is unsure that there is a lot more that could be done, short of custom grading the lots and attempting to work around trees. He noted that can be costly and sometimes setup the future home owner to have the cost of removing a tree that should've been removed to begin with, as the root system can receive damage during the construction period. He stated that staff can approach the developers in attempt to carve out more of the trees that could be preserved.

Board Member Hiatt stated that it appears unlikely that the parcel to the west would develop further in the future because of the issue of access.

City Planner Anderson agreed that it would be highly unlikely that the parcel to the west could develop because of the access issues.

Councilmember LeTourneau referenced the idea of custom grading and asked if this would be a spec development or whether it would be custom development.

City Planner Anderson replied that it is his understanding that the developer is looking to create the lots and sell those the builders. He was unsure whether the builders would be doing spec homes or custom homes.

Councilmember LeTourneau stated that perhaps the new homeowner could be given the option of custom grading in attempt to save some of the existing oaks on their property as a method to mitigate the loss.

City Planner Anderson confirmed that this could be moved forward and staff could continue to explore that option with the developer and the engineering department prior to the review of the Preliminary Plat by the Planning Commission.

Board Member Hiatt stated that he drove through the development portion to the south and noticed that it is fairly open, although meeting the requirements of the City.

Board Member Covart asked and received confirmation that a pond would be created with this development as part of the stormwater management requirements.

City Planner Anderson noted that per the City ordinance, the trees needed to be removed for the stormwater pond are not counted towards the total loss of trees. He noted that required trails and major/connector streets are also exempt from the tree removal total.

Councilmember LeTourneau referenced the lots that meet up with more rural lots from the development southeast of this parcel and received confirmation that the density transitioning required for those lots would be similar to what is required for this development.

Chairperson Stodola asked if there is consideration to making these lots larger.

City Planner Anderson replied that the City does not have to approve a zoning or Comprehensive Plan amendment, but noted that there is something to be said that these lots would be consistent with the existing portion of the development.

Board Member Hiatt stated that if there is a way to preserve that oak forest, it should be. He noted that if two to three homes were constructed under the current zoning, that would preserve more of the oak forest.

Chairperson Stodola stated that there are a lot of trees being removed with this plan and therefore he would not support the Tree Plan and Landscape Plan as proposed.

City Planner Anderson stated that the request meets the minimum requirements under City Code. He stated that the application is not deficient in meeting the minimum standards and therefore if this were challenged legally the City would have no legs to stand on.

Board Member Hiatt agreed that this is too many oak trees going away from a mature area and the City should fight hard to preserve that. He noted that the zoning would need to be changed to support this plan and therefore he would ask that the zoning amendment not be approved further along in this process.

Board Member Trossen asked how many trees would be saved with fewer lots.

City Planner Anderson stated that you likely would preserve more trees but you would still need stormwater treatment and septic system drain fields, which would both require tree removal. He stated that he was unsure that the rate of removal would be considerably less than that proposed. He stated that the Board could state that because of the zoning and Comprehensive Plan amendment are required and that the oak forest was identified as moderate value, the Board could recommend denial of the request

Motion by Chairperson Stodola and seconded by Board Member Hiatt to recommend denial of the Tree Plan and Landscape Plan because of the impacts to the oak forest and the need for the zoning and Comprehensive Plan amendments.

Further discussion: Board Member Hiatt stated that he would love to see a comparison development plan that would meet the current zoning and Comprehensive Plan guiding to determine the extent of the oak forest that could be preserved. Board Member Covart stated that she likes the idea of larger lots and asked if the proposed plan would have individual septic systems. City Planner Anderson stated that this proposed plan would have City sewer and water while lots developed under the current zoning would require individual septic. Councilmember LeTourneau stated that he has heard the support from the Board to preserve the oak forest. He stated that there is a tree preservation policy in place that helps to guide development in the City but noted that an exception could be made to that policy in this instance. He provided an example of how he had to clear a lot of trees from his lot to build but now 30 years later his lot looks great. He noted that there is a large section of the community in this quadrant that is under pressure from a lot of things. He stated that there are a lot of people in that quadrant that would like to have the commercial node viable and more rooftops will be needed in order to make that happen. He stated that this is another step along that path and noted that while it is unfortunate that there is a tree stand in that area, this is a step in the right direction for that quadrant of the community. He provided an example of another route a developer could take in the future to provide a connection to the lot to the north. Board Member Hiatt stated that the tree preservation policy assumes that all trees are equal and maybe a future improvement to the policy should put prioritization on certain species. City Planner Anderson stated that the tree preservation standards do identify a definition for significant trees. Board Member Valentine asked whether the tree preservation is a policy or ordinance. City Planner Anderson replied that it is an ordinance. He noted that the Natural Resources Inventory includes four levels, noting that moderate falls just above low and there are two higher quality categories. Board Member Valentine stated that this seems to be a very common contention between development and preservation and the solution often falls in finding a balance point for each of the parcels as they come forward. He asked the type of progress that should be anticipated because this does not have the ordinance behind for support. City Planner Anderson replied that he does not think the developer would be supportive. He stated that perhaps the better choice would be to open the dialogue to determine how the preservation could be maximized while still meeting the requirements of the City Code. He noted that the requirements of the Code are being met and therefore the better approach would be to attempt to work with the developer to attempt to maximize what could be protected. He stated that the Planning Commission has already reviewed the Sketch Plan and did not raise any issues from that perspective, so the developer used that initial feedback to further guide their design plans. Board Member Valentine stated that he likes the idea of going back to the developer to determine if additional trees could be preserved. Board Member Covart asked if the Staff Review Letter would be changed to reflect that statement. City Planner Anderson confirmed that he would update the Staff Review Letter that will go before the Planning Commission and City Council. He noted that the lengthy discussion regarding this oak forest would be included in the packet information.

Motion failed. Voting Yes: Chairperson Stodola, Board Member Trossen. Voting No: Board Member Anderson, Covart, Hiatt, and Valentine. Absent: Board Member Bernard.

Motion by Board Member Hiatt and seconded by Board Member Valentine to recommend approval of the Tree Plan and Landscape Plan contingent upon compliance with the Staff Review Letter and direct staff to work with the developer in attempt to preserve additional portions of the oak forest.

Motion carried. Voting Yes: Board Member Hiatt, Valentine, Anderson, Covart, and Trossen. Voting No: Chairperson Stodola. Absent: Board Member Bernard.

#### **5.04: Consider Natural Resources Elements of Pearson Place Preliminary Plat**

City Planner Anderson presented the staff report. He reported that the purpose of this case is to review various elements of a Preliminary Plat, prepared by Otto Associated and dated May 24, 2017, for a proposed 12 lot residential subdivision near the southern/eastern end of Bowers Drive. He stated that a key decision occurs at Preliminary Plat, in which the layout can be approved, subject to approving final construction plans and Final Plat documents. He noted that the majority of the project area is cropland and thus, there should be minimal impact to trees. He noted that there is a row of trees along Bowers Drive (within the right-of-way) and also in the southeastern corner of the project site (Lot 11, Block 2) but nothing beyond that. He noted that the applicant has verbally stated that the only impacts to existing trees would be from providing access to each lot via a driveway. He provided additional information on the Mississippi River Corridor Critical Areas (MRCCA) and the existing rules, compared to the new State rules that have yet to be adopted by the City. He noted that the developer has proposed a PUD in order to bridge the gap between what is in place currently and what will be in effect after the rules are adopted. He highlighted a strip of heavily wooded area that would be preserved to create a buffer from the existing homes on Bowers Drive. He stated that while the area is within the MUSA, the nearest connection is not close and therefore this development would have lots served by private septic and water service. He stated that the proposed lot sizes would fit the character of the existing homes along Bowers Drive. He noted the exception of the homes directly across the street that have 200-foot lot widths compared to the 100-foot widths proposed in this development. He stated that he proposal appears to avoid removal of any significant trees and noted that the additional trees proposed would exceed the requirements. He stated that at the direction of staff, the developer would provide Outlot C, which could serve as a future road connection should an adjacent parcel develop.

Board Member Valentine stated that he does not have any concerns.

Councilmember LeTourneau stated that he has had a few conversations with people from his neighborhood and their concerns were outlined in the memorandum. He stated that the residents would like to see that buffer preserved and it seems the developer is in favor of that as well. He stated that this appears to be low impact development. He noted that the buffer area is very low quality and is mainly brush.

Board Member Hiatt asked why this area has remained undeveloped for this long.

Councilmember LeTourneau stated that the land has been farmed and is currently farmed.

City Planner Anderson confirmed that there is a very thin line of vegetation that acts as a buffer.

Board Member Hiatt stated that perhaps the additional landscaping and development could improve the quality of the existing lots.

Councilmember LeTourneau stated that the 50-foot buffer is a nice addition to the project. He stated that the neighborhood is talking about creating a discussion with the City to acquire the woods to protect that from development in perpetuity.

City Planner Anderson stated that he is not requesting formal action because the information was submitted to close to the meeting date and therefore the Board did not have time to thoroughly review the information as it was just presented tonight.

#### **5.05: Receive Update on The COR Interim Development Plan**

City Planner Anderson presented the staff report. He stated that the purpose of this case is to review a preliminary draft of The COR Interim Development Plan, which essentially puts into motion a more formal amendment to the Master Plan. He noted that details of the recommendations prepared by the Planning Commission over a series of workshops were attached to the case. He noted that the direction from the April 25, 2017 Joint Work Session was to review this draft with the advisory Boards and Commissions. He stated that the draft was reviewed by the Economic Development Authority on May 25, 2017 and by the Parks and Recreation Commission at their June 8, 2017 meeting. He advised that staff will be seeking authorization for public comment on the draft in July.

Board Member Valentine commented that the plan is coming along nicely.

Chairperson Stodola asked for more information on the boundaries of The COR.

City Planner Anderson provided the boundaries of The COR, explaining that some of The COR zoning extends past those boundaries.

Councilmember LeTourneau stated that one of the driving factors of the Council is the market, noting that the development will have to be market driven. He explained that the big box retail that was originally desired will not fit into The COR because of the challenges that exist lying between two retail nodes and other market factors. He noted that the other factors that bring in business is density and that is why additional housing is being considered.

City Planner Anderson stated that while residents have said they do not want more apartments in The COR, additional rooftops are needed to attract business and that is the quickest method. He noted that the original plan for The COR included apartments because that would concentrate density and allow other portions of the City to remain more rural.

Councilmember LeTourneau noted that this has been a balance approach with market rate apartments.

Board Member Valentine stated that the planning for growth in the community has been done well.

Board Member Hiatt stated that the challenge in The COR is the density focus and balancing that with an environmental aspect. He provided examples of additional plantings that the Board has been able to negotiate on more dense projects. He noted that often with big box retail there is less landscaping and stated that in smaller retail settings you are able to maintain that landscaping to make it more appealing.

City Planner Anderson provided additional details on the Lake Itasca Greenway Corridor which plays into the concepts.

## **6. BOARD / STAFF INPUT**

- **Summer Recycling Event**

City Planner Anderson reported that a summer recycling event will be held on July 29<sup>th</sup>, noting that this will be a carbon copy of the spring and fall events to determine if there is a desire for this additional event.

- **Pilot Organics Drop-Off Program Update**

City Planner Anderson stated that the planning intern is working to finalize details on a pilot organics drop-off program. He noted that additional information will soon be distributed through the newsletter and website.

- **Comprehensive Plan Update Natural Resources Workshop Update**

City Planner Anderson stated that a workshop was recently held for the natural resources chapter of the Comprehensive Plan update. He noted that it was not heavily attended, but advised that he did not anticipate heavy attendance. He welcomed any additional input from the Board on the topic.

## **7. ADJOURNMENT**

Motion by Board Member Valentine and seconded by Board Member Hiatt to adjourn the meeting.

The meeting adjourned at 9:12 p.m.

Respectfully submitted,

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Chris Anderson  
City Planner

ATTEST:

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JoAnn Shaw  
Community Development Secretary

Drafted by Amanda Staple  
*TimeSaver Off Site Secretarial, Inc.*

**Meeting Date:** 07/17/2017

**By:** Chris Anderson, Community  
Development

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**Information**

**Title:**

Consider Landscape Plan for Jasper Industrial Park

**Purpose/Background:**

The City has entered into a Purchase Agreement to sell a portion of the property located at the southeast corner of Jasper St NW and 143rd Ave NW (the "Subject Property") for a new industrial development. The Site Plan shows two (2) proposed multi-tenant buildings on Lot 1 and would create two (2) outlots (one that is part of the land transaction and the other that would be retained by the City for a future Public Works Campus). This review is limited to the proposed improvements on Lot 1 only.

**Observations/Alternatives:**

Foster Cemetery is directly adjacent to the Subject Property. There is a moderate quality mixed oak woods within this cemetery. The project proposes clearing and grubbing trees adjacent to this natural area and also includes some significant grading right up to the boundary of the cemetery. Additional information is needed to better assess any potential impacts to this natural area. Furthermore, the Developer will need to retain access to the cemetery, which is something that Staff is continuing to work through.

The submittal is lacking a tree inventory and preservation plan. While it does include some basic information about existing trees (they are shown on the existing conditions sheet and the grading/drainage sheet), species and condition are not indicated nor is there a tally of total tree inches on site and proposed tree inches removed. Therefore, it cannot yet be determined whether the project complies with the Tree Preservation standards. The Staff Review Letter does address this and specifies that a tree inventory and preservation plan must be submitted.

The proposed landscaping is generally acceptable, with just a few necessary modifications. First, additional trees must be added to the plan to meet the minimum landscaping requirements (based on lineal feet of the perimeter of the site or the square footage of the buildings, and based on the number of parking stalls). Secondly, the plan must be adjusted to indicate shrub size as being not less than twenty-four (24) inches in height or width at the time of planting, depending on the species growth characteristics.

**Funding Source:**

All costs associated with this project are the responsibility of the Applicant.

**Action:**

Motion to recommend approval of the Landscape Plan contingent upon compliance with the Staff Review Letter.

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**Attachments**

Site Location Map

Landscape Plan

Existing Topography and Removals Plan

Grading, Drainage, and Erosion Control Plan

Staff Review Letter

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**Form Review**

**Inbox**

Tim Gladhill

Form Started By: Chris Anderson

Final Approval Date: 07/14/2017

**Reviewed By**

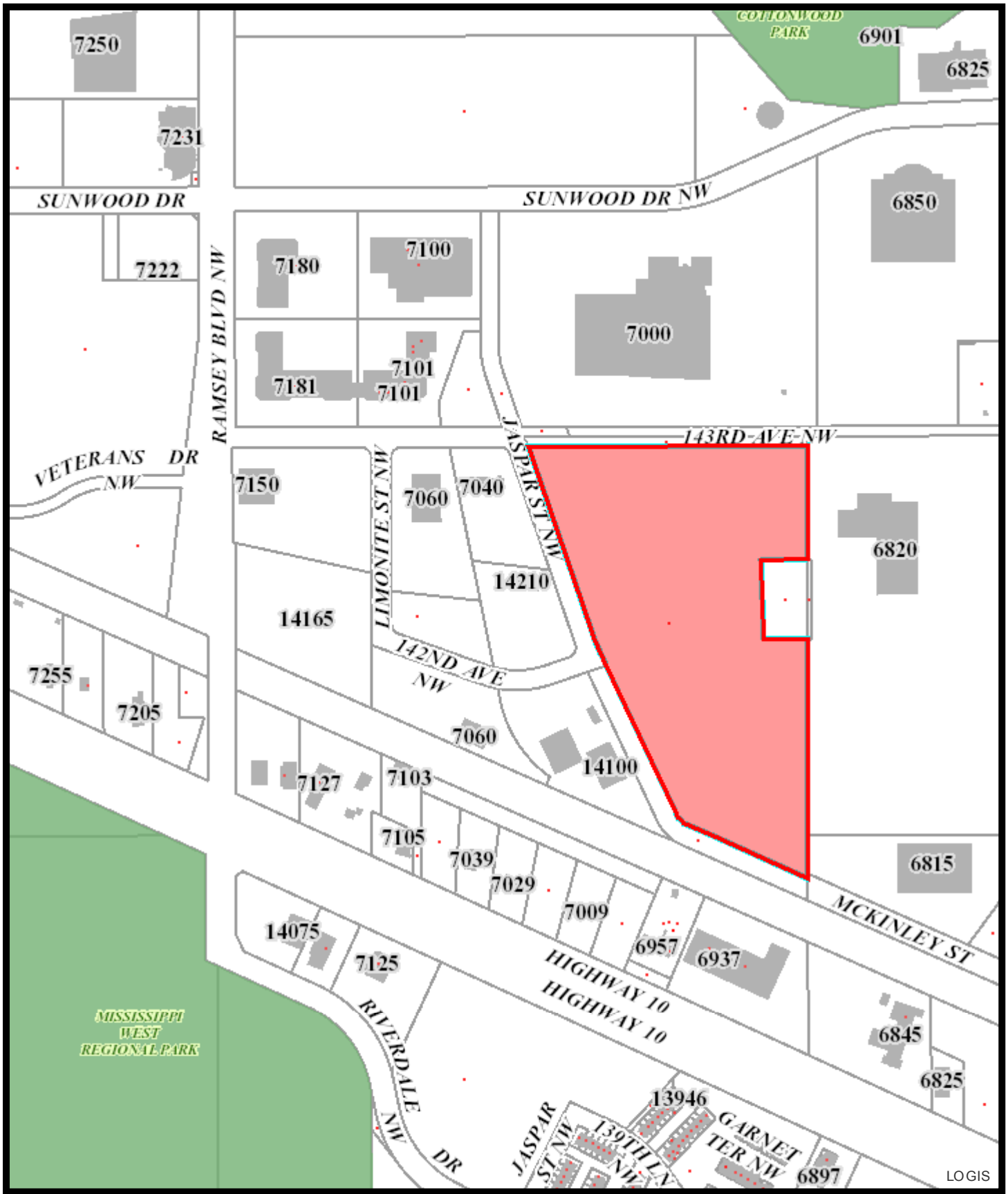
JoAnn Shaw

**Date**

07/14/2017 12:17 PM

Started On: 07/13/2017 02:23 PM

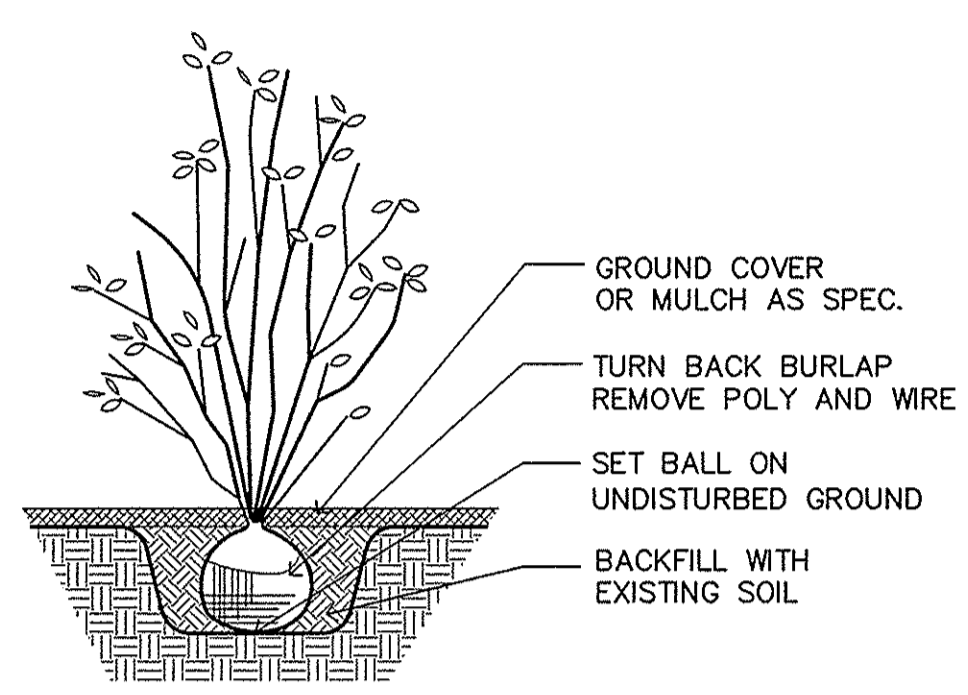
# Site Location Map



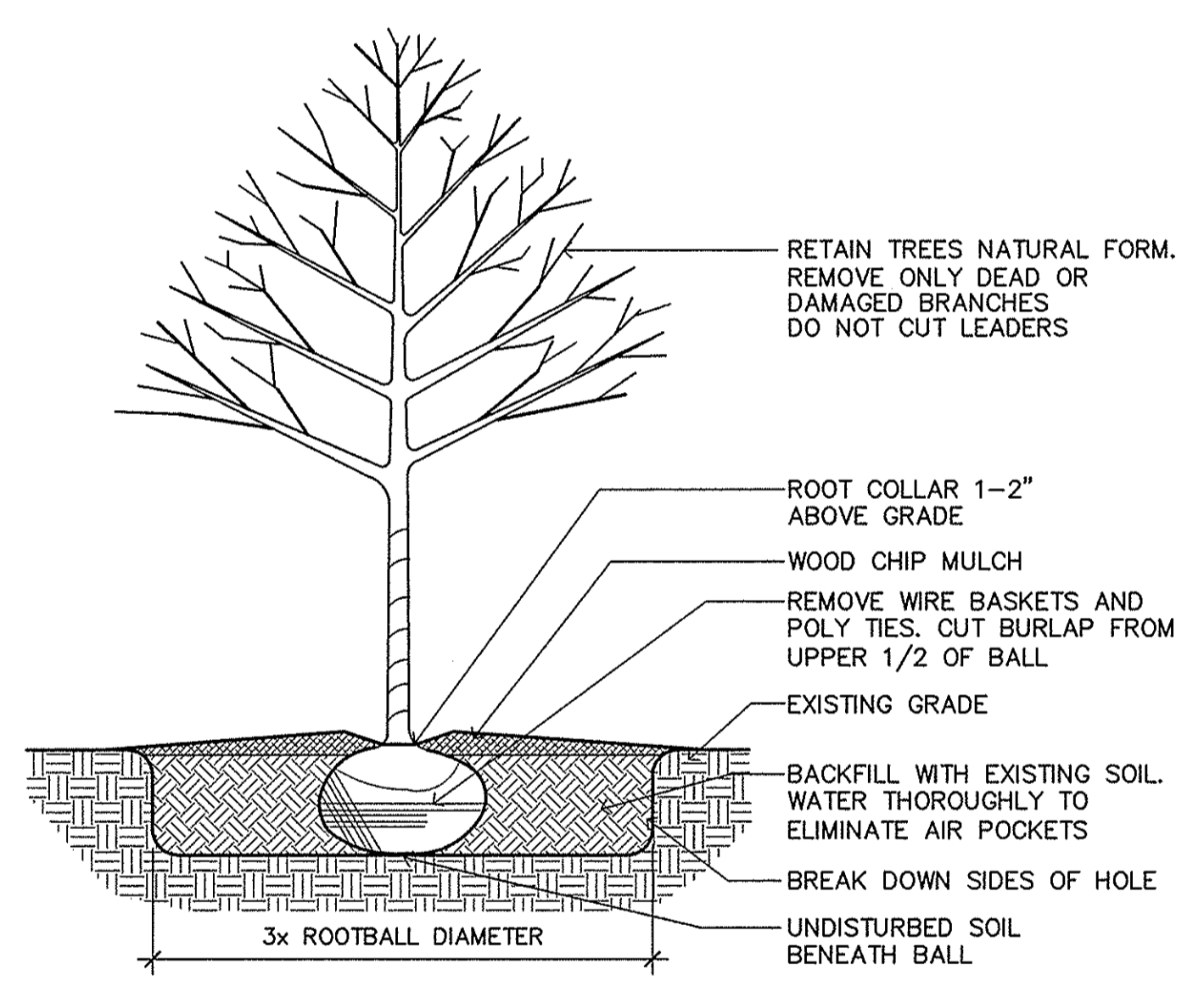
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928.44

**143rd AVENUE N.W.**

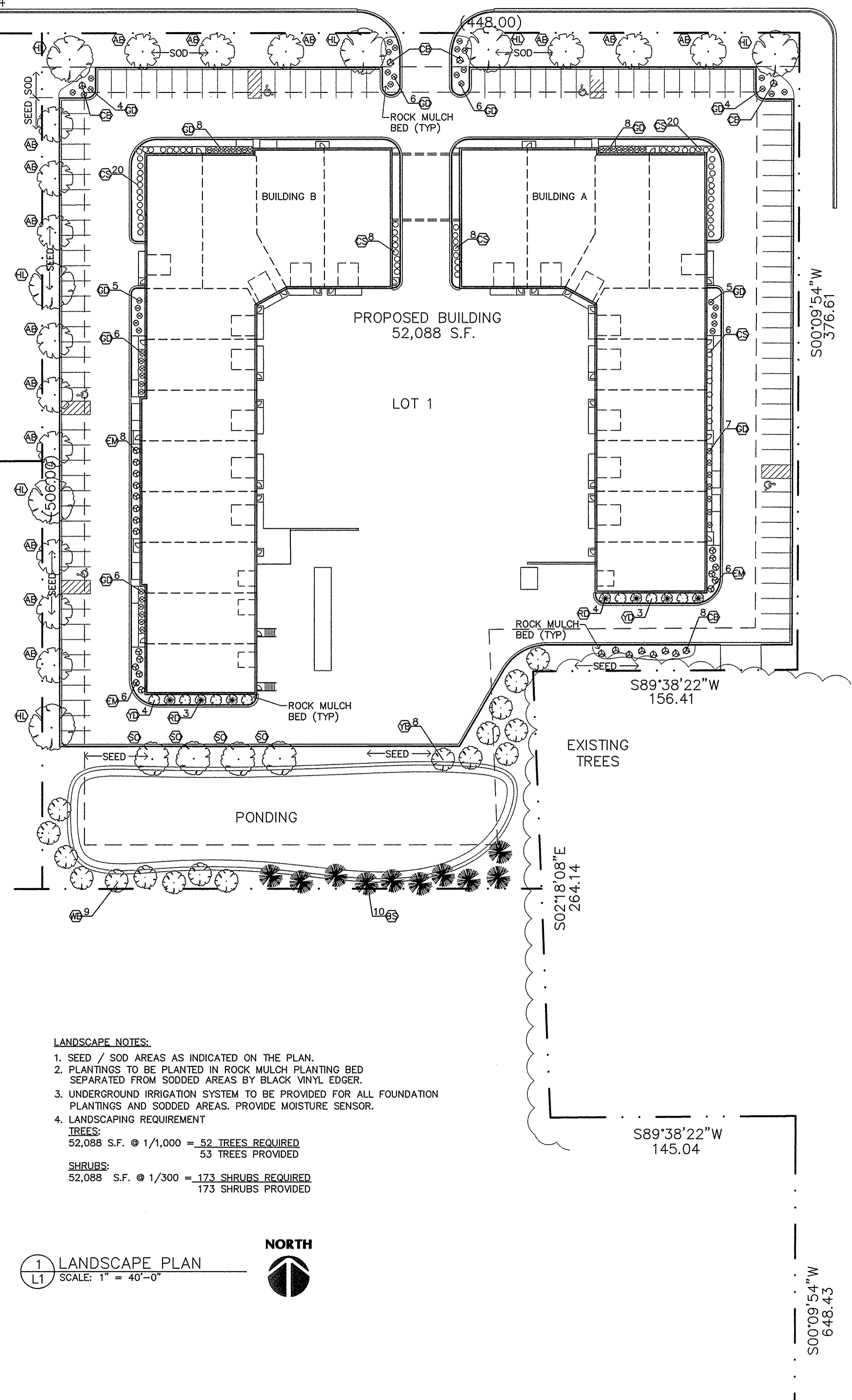
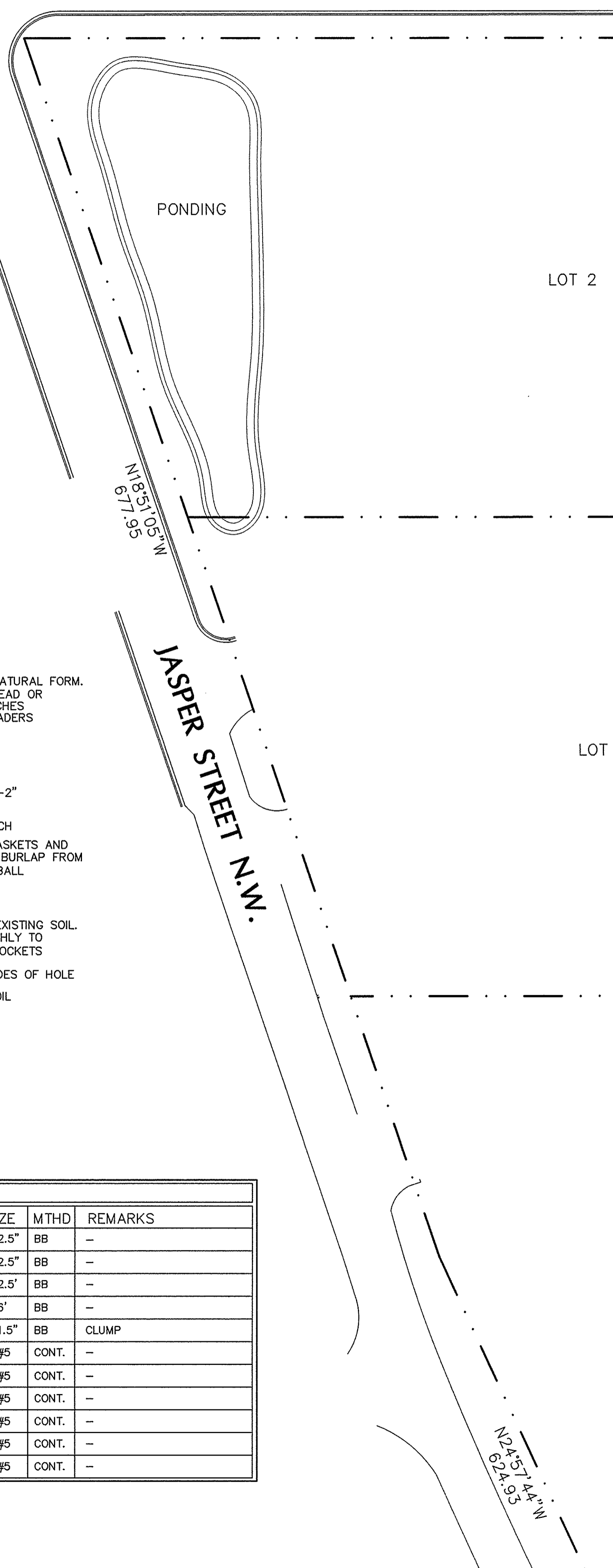


**2** SHRUB PLANTING DETAIL  
L1 SCALE: NOT TO SCALE



**3** TREE PLANTING DETAIL  
L1 SCALE: NOT TO SCALE

PLANTING SCHEDULE						
QTY.	KEY	COMMON NAME	BOTANICAL NAME	SIZE	MTHD	REMARKS
15	AB	AUTUMN BLAZE MAPLE	ACER X FREEMANNII AUTUMN BLAZE	2.5"	BB	-
4	SO	SWAMP WHITE OAK	QUERCUS BICOLOR	2.5"	BB	-
7	HL	THORNLESS HONEY LOCUST	GLEDITSIA TRIACANTHOS INERMIS 'THORNLESS'	2.5'	BB	-
10	BS	BLACK HILLS SPRUCE	PICEA 'GLAUCA DENSATA'	6'	BB	-
17	YB	YELLOW BIRCH	BETULA ALLEGHANIENSIS 'YELLOW BIRCH'	1.5"	BB	CLUMP
20	EM	EMERALD GREEN ARBORVITAE	THUJA OCCIDENTALIS	#5	CONT.	-
12	CB	COMPACT BURNING BUSH	EUONYMUS ALATUS 'COMPACTA'	#5	CONT.	-
65	GD	GARDEN GLOW DOGWOOD	CORNUS HESSI 'GARDEN GLOW'	#5	CONT.	-
7	RD	RED TWIGGED DOGWOOD	-	#5	CONT.	-
7	YD	YELLOW TWIGGED DOGWOOD	-	#5	CONT.	-
62	CS	CRISP LEAF SPIREA	SPIREA X BUMALDA	#5	CONT.	-



**LANDSCAPE NOTES:**

- SEED / SOD AREAS AS INDICATED ON THE PLAN.
- PLANTINGS TO BE PLANTED IN ROCK MULCH PLANTING BED SEPARATED FROM SODDED AREAS BY BLACK VINYL EDGER.
- UNDERGROUND IRRIGATION SYSTEM TO BE PROVIDED FOR ALL FOUNDATION PLANTINGS AND SODDED AREAS. PROVIDE MOISTURE SENSOR.
- LANDSCAPING REQUIREMENT  
TREES:  
52,088 S.F. @ 1/1,000 = 52 TREES REQUIRED  
53 TREES PROVIDED  
SHRUBS:  
52,088 S.F. @ 1/300 = 173 SHRUBS REQUIRED  
173 SHRUBS PROVIDED

**1** LANDSCAPE PLAN  
L1 SCALE: 1" = 40'-0"



Sharp & Associates, LLC  
500 Bunker Lake Blvd  
Anoka, MN 55303  
Ph (763) 425-2002  
Fax (763) 425-6428

**J A S P E R**  
**INDUSTRIAL PARK**  
Ramsey, Minnesota

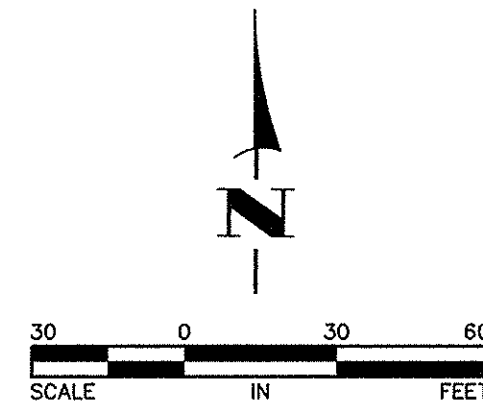
Drawn By: JRB  
Checked By: LL  
Revisions  
5/31/17 PRELIMINARY  
6/16/17 CITY SUBMITTAL  
7/3/17 BUDGET PRICING

**LANDSCAPE PLAN**

Sheet Number

**L1**

Project No. 170418-2



REFERENCE NOTES:  
 ① CONTRACTOR SHALL COORDINATE WITH THE OWNER TO DETERMINE THE EXTENT OF THE REMOVALS OF THE ONSITE UTILITIES, WELL, WATERMAIN PIPING AND OTHER MISCELLANEOUS FEATURES.

LEGEND	
	RIGHT-OF-WAY
	PROPERTY LINE
	EASEMENT LINE
	EXISTING CONTOUR
	EXISTING CONCRETE CURB
	BURIED TELEPHONE LINE
	BURIED GAS LINE
	LIGHT POLE
	EXISTING SANITARY SEWER
	EXISTING STORM SEWER
	EXISTING WATERMAIN
	EXISTING STORM SEWER APRON
	EXISTING CATCH BASIN
	EXISTING STORM SEWER MANHOLE
	EXISTING SANITARY SEWER MANHOLE
	EXISTING WATER VALVE
	EXISTING HYDRANT
	EXISTING TREES
	EXISTING FENCE
	EXISTING SIGN
	REMOVE BITUMINOUS PAVEMENT
	REMOVE CONCRETE PAVEMENT
	CLEAR AND GRUB TREES
	CLEAR AND GRUB TREES
	REMOVE CONCRETE CURB
	SAWCUT BITUMINOUS OR CONCRETE PAVEMENT

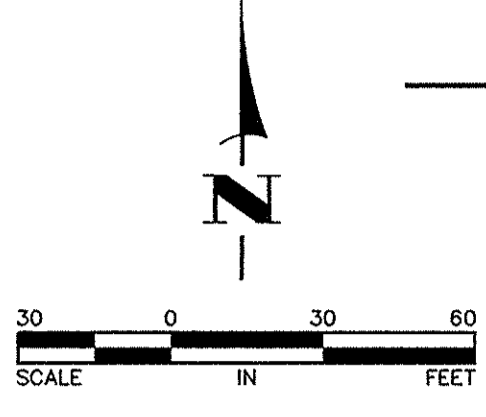


DATE	REVISION	DATE	REVISION

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.  
 Timothy A. Erickson, P.E.  
 Lic. No. 43362  
 Date 7/5/17

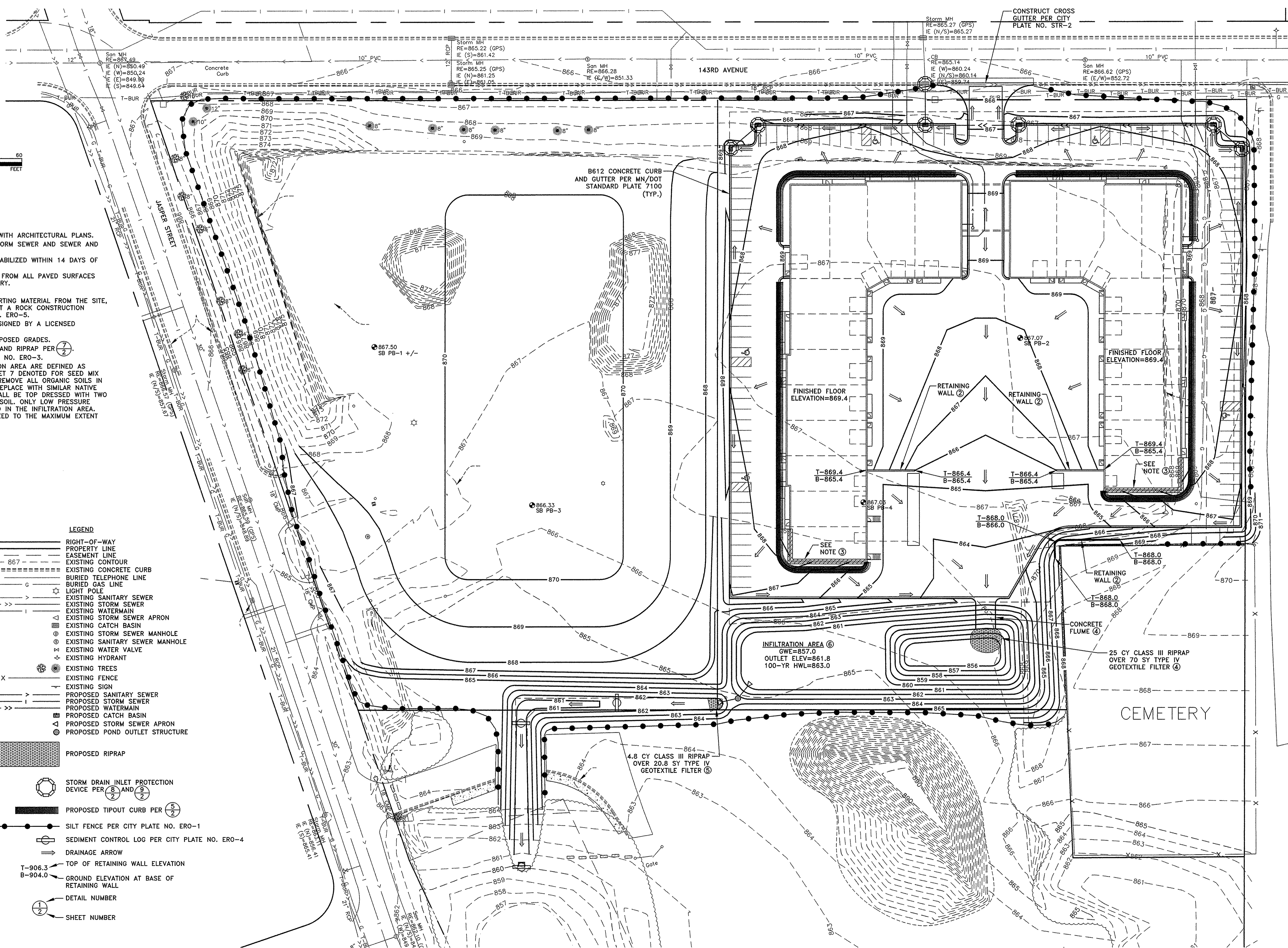
DESIGNED BY: TAE  
 DRAWN BY: TAE  
 CHECKED BY: CJJ  
  
**Hakanson Anderson**  
 Civil Engineers and Land Surveyors  
 3601 Thurston Ave., Anoka, Minnesota 55303  
 763-427-5860 FAX 763-427-0520  
 www.hakanson-anderson.com

EXISTING TOPOGRAPHY AND REMOVALS PLAN  
 LOT 1, BLOCK 1  
 JASPER INDUSTRIAL PARK  
 CITY OF RAMSEY, MINNESOTA



- GENERAL NOTES:**
1. VERIFY BUILDING DIMENSIONS WITH ARCHITECTURAL PLANS.
  2. SEE THE UTILITY PLAN FOR STORM SEWER AND SEWER AND WATER SERVICE INFORMATION.
  3. PERVIOUS AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF ROUGH GRADING.
  4. SEDIMENT SHALL BE REMOVED FROM ALL PAVED SURFACES WITHIN 24 HOURS OF DISCOVERY.
- REFERENCE NOTES:**
- ① PRIOR TO IMPORTING OR EXPORTING MATERIAL FROM THE SITE, CONTRACTOR SHALL CONSTRUCT A ROCK CONSTRUCTION ENTRANCE PER CITY PLATE NO. ERO-5.
  - ② RETAINING WALL SHALL BE DESIGNED BY A LICENSED ENGINEER.
  - ③ DROP FOOTING BASED ON PROPOSED GRADES.
  - ④ CONSTRUCT CONCRETE FLUME AND RIPRAP PER ⑦.
  - ⑤ PLACE RIPRAP PER CITY PLATE NO. ERO-3.
  - ⑥ THE LIMITS OF THE INFILTRATION AREA ARE DEFINED AS THOSE AREAS SHOWN ON SHEET 7 DENOTED FOR SEED MIX 33-261. CONTRACTOR SHALL REMOVE ALL ORGANIC SOILS IN THE INFILTRATION AREA AND REPLACE WITH SIMILAR NATIVE SANDS. INFILTRATION AREA SHALL BE TOP DRESSED WITH TWO INCHES OF ONSITE SANDY TOPSOIL. ONLY LOW PRESSURE EQUIPMENT SHALL BE ALLOWED IN THE INFILTRATION AREA. COMPACTION SHALL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICAL.

- LEGEND**
- RIGHT-OF-WAY
  - - - PROPERTY LINE
  - - - EASEMENT LINE
  - - - EXISTING CONTOUR
  - - - EXISTING CONCRETE CURB
  - - - BURIED TELEPHONE LINE
  - - - BURIED GAS LINE
  - ☆ LIGHT POLE
  - ⊙ EXISTING SANITARY SEWER
  - ⊙ EXISTING STORM SEWER
  - ⊙ EXISTING WATERMAIN
  - ⊙ EXISTING STORM SEWER APRON
  - ⊙ EXISTING CATCH BASIN
  - ⊙ EXISTING STORM SEWER MANHOLE
  - ⊙ EXISTING SANITARY SEWER MANHOLE
  - ⊙ EXISTING WATER VALVE
  - ⊙ EXISTING HYDRANT
  - ⊙ EXISTING TREES
  - ⊙ EXISTING FENCE
  - ⊙ EXISTING SIGN
  - ⊙ PROPOSED SANITARY SEWER
  - ⊙ PROPOSED STORM SEWER
  - ⊙ PROPOSED WATERMAIN
  - ⊙ PROPOSED CATCH BASIN
  - ⊙ PROPOSED STORM SEWER APRON
  - ⊙ PROPOSED POND OUTLET STRUCTURE
- PROPOSED RIPRAP  
 STORM DRAIN INLET PROTECTION DEVICE PER ⑧ AND ⑨  
 PROPOSED TIPOUT CURB PER ⑧  
 SILT FENCE PER CITY PLATE NO. ERO-1  
 SEDIMENT CONTROL LOG PER CITY PLATE NO. ERO-4  
 DRAINAGE ARROW  
 TOP OF RETAINING WALL ELEVATION  
 GROUND ELEVATION AT BASE OF RETAINING WALL  
 DETAIL NUMBER  
 SHEET NUMBER



DATE	REVISION	DATE	REVISION

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

*Timothy A. Eberichs, P.E.*  
 Lic. No. 43362  
 Date 7/5/17

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DESIGNED BY: TAE  
 DRAWN BY: TAE  
 CHECKED BY: CJJ

LOT 1, BLOCK 1  
 JASPER INDUSTRIAL PARK

GRADING, DRAINAGE AND  
 EROSION CONTROL PLAN  
 CITY OF RAMSEY, MINNESOTA

**CITY OF RAMSEY LAND USE APPLICATION**  
**TECHNICAL REVIEW FILE**

<b>DATE</b>	JULY 14, 2017	<b>PROJECT ADDRESS</b>	TBD
<b>PROJECT. TITLE</b>	JASPER INDUSTRIAL PARK		
<b>ESCROW #</b>	115818		
<b>DEPARTMENT:</b>	Community Development: Planning Division (Landscape Plan & Environmental Resources)		
<b>TECHNICAL REVIEWER:</b>	Name: Chris Anderson, City Planner Phone: 763-433-9817 Email: <a href="mailto:canderson@cityoframsey.com">canderson@cityoframsey.com</a>		

We offer the following comments regarding the Landscape Plan prepared by Lampert Architects and dated July 3, 2017 and civil engineering plans prepared by Hakanson Anderson and dated July 5, 2017:

The City’s Natural Resources Inventory (NRI) does not identify any significant natural areas within the project area. However, there is a moderate quality natural area directly adjacent to the Subject Property, within Foster Cemetery. While not within the project area, there is significant grading proposed directly adjacent to this stand of mixed oaks, which could impact their health. Additional information outlining what steps will be implemented to protect those root systems is needed. City Staff is concerned about the impacts to these potentially historic trees as this cemetery has been in existence (and presumably mostly untouched) since the mid-1800s.

While there is some information about existing trees and removals, the submittal appears to be deficient of an actual Tree Inventory and Preservation Plan. An inventory of all significant trees, defined as any oak or evergreen with a Diameter at Breast Height (DBH) of four (4) inches or more and any other deciduous tree with a DBH of eight (8) inches or greater, must be completed and submitted. The inventory must specify the species (scientific and common name), diameter, condition, status (preserved/removed) and reason for removal and shall also include a tally of all significant tree inches on site and a tally of inches to be preserved.

At least thirty percent (30%) of the significant tree inches shall be retained on site or reforestation will be required. Until this information is received, it cannot be determined whether the project complies with the Tree Preservation standards or if reforestation will be required. The Inventory will also clarify what types of trees will be impacted. This may have a bearing on potential activities regarding disease management (e.g. preventing spread of oak wilt to adjacent mixed oak area in cemetery).

Based on the lineal footage of the site (Lot 1) and the building square footage and parking stalls, sixty-three (63) trees and 173 shrubs are required. The proposed Landscape Plan provides 173 shrubs and fifty-two (52) trees. Species and size are generally acceptable; however, note that shrubs shall be at least twenty-four inches (24”) in height or width, depending on plant

characteristics, at the time of planting. Additional trees must be incorporated into the Landscape Plan to meet the minimum planting standards.

Access to the cemetery must be retained. It cannot be across Outlot B as all that area needs to be unencumbered for the future build-out of the Public Works Campus.

The use of seed rather than sod does require City Council approval. Furthermore, landscape will not be considered complete until seed has germinated and is ready to be mowed. Staff does not oppose the proposed use of seed as it is not directly adjacent to a public street.

### **Required Sheet Revisions**

#### **Sheet 3**

- Add City's standard detail for topsoil.

#### **Sheet 4**

- Revise to eliminate any activity on Outlot B as that is not part of the land transaction.
- Revise to show tree preservation fence.
- Provide more detail on the 'clearing and grubbing' of trees adjacent to the cemetery. As previously noted, there are concerns with the potential impacts to the adjacent mixed oak woods.

#### **Sheet 5**

- Revise to eliminate any activity on Outlot B as that is not part of the land transaction.
- Revise to show tree preservation fence.
- More information must be supplied regarding the grading activity adjacent to the cemetery so that the potential impacts to the adjacent trees can be further assessed.

#### **Sheet 7**

- Provide more detail about each proposed seed mix.
- There is not a symbol in the legend for the cross hatched areas along the east and west boundaries of Lot 1.
- Under General Notes #2, topsoil must meet the City's specification and shall be required over all disturbed areas not improved with impervious surfacing, excluding the proposed ponding basins.

#### **Sheet L1**

- Incorporate at least eleven (11) additional trees into Planting Schedule based on the proposed number of parking stalls (one [1] tree per every ten [10] parking stalls is required).
- Revised Planting Schedule to indicate shrub size shall be at least twenty-four (24) inches in height or width, based on plant characteristics.

#### **Tree Inventory and Preservation Plan**

- There is no tree inventory or preservation plan. This must be submitted for review as discussed above.

**Meeting Date:** 07/17/2017

**By:** Chris Anderson, Community  
Development

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**Information**

**Title:**

Consider Landscape Plan and Tree Inventory for Bunker Lake Business Park

**Purpose/Background:**

The purpose of this case is to review the Landscape Plan and Tree Inventory for a new Business Park being proposed near the southeast corner of Bunker Lake Boulevard and Puma St. The total area is about forty-five (45) acres in size, but only a portion of that is being proposed for development initially. It should be noted that the City Council has approved a Tree Clearing and Grading Agreement for the Developer to allow some of the site preparation work to begin in advance of final approvals to aid in getting Lots 1 & 2 pad ready as soon as possible.

**Observations/Alternatives:**

The City's Natural Resources Inventory (NRI) did not identify any natural areas within the project site. The Minnesota Land Cover Classification System (MLCCS) categorizes the entire area as dry grassland. However, there are several pockets or areas of significant trees, as defined in City Code, across the site.

Based on the access to existing utilities and the need/desire for visibility from Highway 10, the siting of the initial buildings will be in the southeast corner of the property. There will be stormwater ponding directly west of the buildings. From there to the western edge of the property, there will be some significant grade corrections necessary. As a result, all significant trees are proposed for removal across the entire site. This obviously exceeds the removal threshold and will require reforestation at a rate of 1.25" for every 1" removed beyond the allowable threshold or a payment of \$125.00 per 1" removed beyond the threshold allowed into the Community Forestry Fund, or some combination thereof.

The proposed on-site landscaping for Lots 1 & 2 appear to be deficient in quantity of trees and there are no shrubs shown at all. While there is quite a bit of off-site landscaping proposed in the form of street trees, that does not apply to the on-site requirements (but does apply toward the reforestation requirements for the overall project). Significant modifications to the Landscape Plan are needed to bring it into compliance with City Code provisions.

The City is excited to see the growth of a new Business Park and is attempting to accommodate a very aggressive timetable to allow construction to commence in late summer/early fall, evidenced by the approval of a Tree Clearing and Grading Agreement to allow these activities to occur prior to final approval. However, the project is still subject to the minimum standards in City Code, including landscaping. As part of the approval of the Tree Clearing and Grading Agreement, the City Council asked the Developer if he was committed to ensure the project complied with these standards and he responded in the affirmative. With that understanding, Staff is comfortable with a positive recommendation contingent upon compliance with the Staff Review Letter.

**Funding Source:**

All costs associated with this project are the responsibility of the Applicant.

**Action:**

Motion to recommend approval of the Landscape Plan and Tree Inventory Plan contingent upon compliance with the Staff Review Letter.

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### **Attachments**

Site Location Map

Landscape and Tree Inventory Plans

Preliminary Plat

Staff Review Letter

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### **Form Review**

**Inbox**

Tim Gladhill

Form Started By: Chris Anderson

Final Approval Date: 07/14/2017

**Reviewed By**

JoAnn Shaw

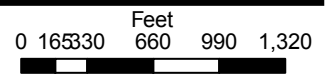
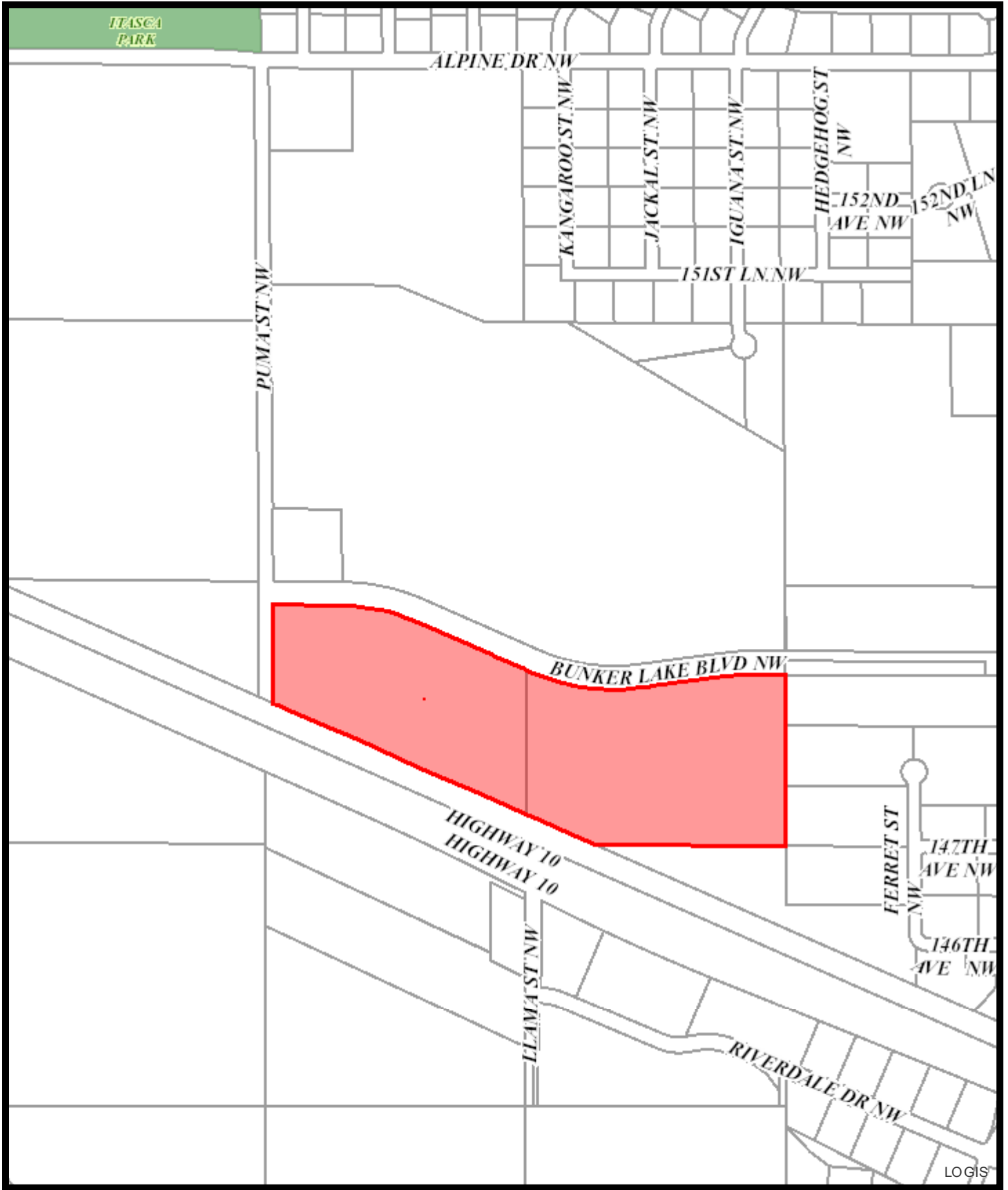
**Date**

07/14/2017 12:17 PM

Started On: 07/14/2017 09:38 AM

# Site Location Map

Bunker Lake Industrial Park





# Ramsey Business Park Site Tree Preservation Plan Tree Survey

PSD, LLC

Prepared By:

**Bolton & Menk, Inc.**

7533 Sunwood Drive NW #206

Ramsey, MN 55303

(763) 433-2851

## Invasive Species (Exclusions)

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
0	Elm	Remove	Invasive Species	11"	5	
1	Elm	Remove	Invasive Species	14"	5	Multi-Trunk: 14" & 12"
2	Elm	Remove	Invasive Species	11"	5	
3	Elm	Remove	Invasive Species	20"	5	
4	Elm	Remove	Invasive Species	15"	3	Multi-Trunk: 15", 6", 8", 8" & 6"
5	Elm	Remove	Invasive Species	9"	5	
6	Elm	Remove	Invasive Species	7"	5	Multi-Trunk: 7" & 10"
7	Elm	Remove	Invasive Species	7"	3	Multi-Trunk: 7" & 7"
8	Elm	Remove	Invasive Species	10"	3	Multi-Trunk: 8" & 10"
9	Elm	Remove	Invasive Species	8"	3	Multi-Trunk: 7" & 8"
10	Elm	Remove	Invasive Species	10"	5	Multi-Trunk: 10" & 5"
11	Elm	Remove	Invasive Species	8"	4	
12	Elm	Remove	Invasive Species	10"	4	
13	Elm	Remove	Invasive Species	8"	4	
14	Elm	Remove	Invasive Species	9"	4	Multi-Trunk: 8" & 9"
15	Elm	Remove	Invasive Species	8"	2	
16	Elm	Remove	Invasive Species	8"	5	Multi-Trunk: 8" & 4"
17	Elm	Remove	Invasive Species	8"	4	
18	Elm	Remove	Invasive Species	9"	5	
19	Elm	Remove	Invasive Species	8"	5	
20	Elm	Remove	Invasive Species	13"	5	

## Water Quality Ponds (Exclusions)

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
0	Pine	Remove	Water Quality Pond	5"	5	
1	Juniper	Remove	Water Quality Pond	5"	5	
2	Pine	Remove	Water Quality Pond	7"	5	
3	Juniper	Remove	Water Quality Pond	4"	5	
4	Pine	Remove	Water Quality Pond	5"	5	
5	Pine	Remove	Water Quality Pond	4"	5	
6	Pine	Remove	Water Quality Pond	7"	5	
7	Pine	Remove	Water Quality Pond	6"	5	
8	Pine	Remove	Water Quality Pond	5"	5	
9	Pine	Remove	Water Quality Pond	6"	5	
10	Pine	Remove	Water Quality Pond	10"	5	
11	Pine	Remove	Water Quality Pond	9"	5	
12	Pine	Remove	Water Quality Pond	7"	1	
13	Pine	Remove	Water Quality Pond	10"	5	
14	Pine	Remove	Water Quality Pond	8"	5	
15	Pine	Remove	Water Quality Pond	6"	5	
16	Pine	Remove	Water Quality Pond	6"	5	
17	Pine	Remove	Water Quality Pond	9"	5	
18	Pine	Remove	Water Quality Pond	6"	5	Multi-Trunk: 6" & 5"
19	Pine	Remove	Water Quality Pond	6"	5	
20	Pine	Remove	Water Quality Pond	6"	5	
21	Pine	Remove	Water Quality Pond	9"	5	
22	Pine	Remove	Water Quality Pond	6"	5	
23	Pine	Remove	Water Quality Pond	9"	5	
24	Juniper	Remove	Water Quality Pond	4"	5	
25	Juniper	Remove	Water Quality Pond	4"	5	
26	Juniper	Remove	Water Quality Pond	4"	5	
27	Juniper	Remove	Water Quality Pond	4"	5	
28	Pine	Remove	Water Quality Pond	7"	2	
29	Pine	Remove	Water Quality Pond	7"	5	

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
30	Pine	Remove	Water Quality Pond	6"	5	Multi-Trunk: 6" & 4"
31	Pine	Remove	Water Quality Pond	9"	5	
32	Pine	Remove	Water Quality Pond	9"	5	
33	Pine	Remove	Water Quality Pond	8"	5	
34	Pine	Remove	Water Quality Pond	7"	5	
35	Pine	Remove	Water Quality Pond	9"	5	
36	Pine	Remove	Water Quality Pond	9"	5	
37	Pine	Remove	Water Quality Pond	7"	5	
38	Pine	Remove	Water Quality Pond	7"	5	
39	Pine	Remove	Water Quality Pond	7"	5	
40	Pine	Remove	Water Quality Pond	5"	5	
41	Pine	Remove	Water Quality Pond	6"	5	
42	Pine	Remove	Water Quality Pond	9"	5	
43	Pine	Remove	Water Quality Pond	6"	5	
44	Pine	Remove	Water Quality Pond	7"	5	
45	Pine	Remove	Water Quality Pond	6"	5	
46	Pine	Remove	Water Quality Pond	7"	5	
47	Pine	Remove	Water Quality Pond	6"	5	
48	Pine	Remove	Water Quality Pond	7"	5	
49	Juniper	Remove	Water Quality Pond	4"	5	
50	Juniper	Remove	Water Quality Pond	4"	5	
51	Pine	Remove	Water Quality Pond	6"	5	
52	Pine	Remove	Water Quality Pond	7"	5	
53	Pine	Remove	Water Quality Pond	7"	5	
54	Pine	Remove	Water Quality Pond	5"	5	
55	Pine	Remove	Water Quality Pond	5"	5	
56	Pine	Remove	Water Quality Pond	4"	5	
57	Pine	Remove	Water Quality Pond	4"	5	
58	Pine	Remove	Water Quality Pond	6"	5	
59	Pine	Remove	Water Quality Pond	6"	5	
60	Juniper	Remove	Water Quality Pond	4"	5	
61	Pine	Remove	Water Quality Pond	5"	5	
62	Pine	Remove	Water Quality Pond	9"	5	Multi-Trunk: 9" & 8"
63	Pine	Remove	Water Quality Pond	5"	5	
64	Oak	Remove	Water Quality Pond	6"	5	
65	Pine	Remove	Water Quality Pond	6"	5	Multi-Trunk: 6" & 5"
66	Pine	Remove	Water Quality Pond	6"	5	
67	Oak	Remove	Water Quality Pond	4"	5	
68	Pine	Remove	Water Quality Pond	8"	5	
69	Pine	Remove	Water Quality Pond	5"	5	
70	Pine	Remove	Water Quality Pond	11"	5	
71	Pine	Remove	Water Quality Pond	7"	5	
72	Pine	Remove	Water Quality Pond	6"	5	
73	Pine	Remove	Water Quality Pond	6"	5	
74	Pine	Remove	Water Quality Pond	5"	5	
75	Pine	Remove	Water Quality Pond	6"	5	
76	Pine	Remove	Water Quality Pond	4"	5	
77	Juniper	Remove	Water Quality Pond	4"	5	
78	Pine	Remove	Water Quality Pond	8"	5	
79	Pine	Remove	Water Quality Pond	9"	5	
80	Pine	Remove	Water Quality Pond	7"	5	
81	Pine	Remove	Water Quality Pond	8"	5	Multi-Trunk: 8" & 6"
82	Pine	Remove	Water Quality Pond	4"	5	
83	Pine	Remove	Water Quality Pond	4"	5	
84	Pine	Remove	Water Quality Pond	5"	5	
85	Pine	Remove	Water Quality Pond	5"	5	
86	Pine	Remove	Water Quality Pond	11"	5	
87	Pine	Remove	Water Quality Pond	6"	5	
88	Pine	Remove	Water Quality Pond	8"	2	Multi-Trunk: 8" & 4"
89	Pine	Remove	Water Quality Pond	10"	5	
90	Pine	Remove	Water Quality Pond	7"	5	
91	Pine	Remove	Water Quality Pond	12"	5	
92	Cottonwood	Remove	Water Quality Pond	13"	5	Multi-Trunk: 13", 12" & 5"
93	Cottonwood	Remove	Water Quality Pond	6"	5	
94	Cottonwood	Remove	Water Quality Pond	8"	5	Multi-Trunk: 8" & 7"
95	Cottonwood	Remove	Water Quality Pond	6"	5	Multi-Trunk: 6" & 6"
96	Cottonwood	Remove	Water Quality Pond	8"	5	
97	Pine	Remove	Water Quality Pond	11"	5	
98	Cottonwood	Remove	Water Quality Pond	6"	5	Multi-Trunk: 6" & 4"
99	Cottonwood	Remove	Water Quality Pond	4"	5	

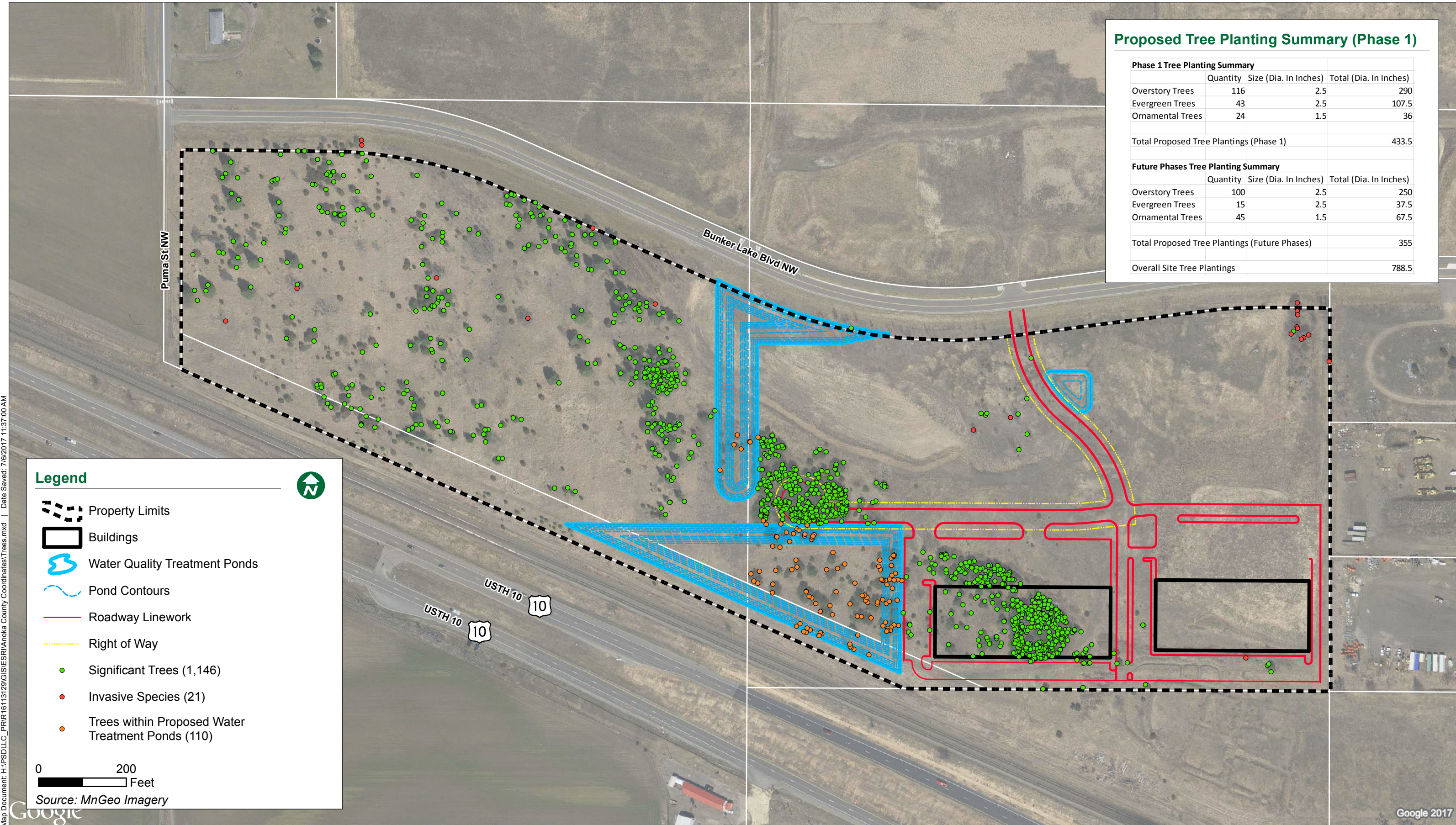
Tree ID	Tree Type	Remove/Preserve	Reason for Preservation	Size (DBH)	Condition	Notes
100	Cottonwood	Remove	Water Quality Pond	4"	5	
101	Cottonwood	Remove	Water Quality Pond	10"	5	
102	Cottonwood	Remove	Water Quality Pond	6"	5	
103	Cottonwood	Remove	Water Quality Pond	4"	5	
104	Cottonwood	Remove	Water Quality Pond	6"	5	Multi-Trunk: 6" & 4"
105	Cottonwood	Remove	Water Quality Pond	6"	5	
106	Cottonwood	Remove	Water Quality Pond	6"	5	
107	Cottonwood	Remove	Water Quality Pond	4"	5	
108	Pine	Remove	Water Quality Pond	5"	1	
109	Pine	Remove	Water Quality Pond	5"	5	

#### Trees Surveyed Outside Property Limits (Exclusions)

Tree ID	Tree Type	Remove/Preserve	Reason for Preservation	Size (DBH)	Condition	Notes
0	Pine	Preserve	Outside Site Limits	7"	5	
1	Pine	Preserve	Outside Site Limits	5"	5	
2	Pine	Preserve	Outside Site Limits	6"	5	
3	Juniper	Preserve	Outside Site Limits	4"	5	
4	Juniper	Preserve	Outside Site Limits	4"	5	
5	Juniper	Preserve	Outside Site Limits	4"	5	
6	Juniper	Preserve	Outside Site Limits	4"	5	
7	Elm	Preserve	Outside Site Limits	11"	5	
8	Juniper	Preserve	Outside Site Limits	4"	5	
9	Pine	Preserve	Outside Site Limits	4"	5	
10	Juniper	Preserve	Outside Site Limits	6"	5	
11	Pine	Preserve	Outside Site Limits	8"	5	
12	Pine	Preserve	Outside Site Limits	6"	5	
13	Pine	Preserve	Outside Site Limits	6"	5	
14	Pine	Preserve	Outside Site Limits	6"	5	
15	Elm	Preserve	Outside Site Limits	9"	5	
16	Elm	Preserve	Outside Site Limits	7"	5	Multi-Trunk: 7" & 10"
17	Pine	Preserve	Outside Site Limits	6"	5	
18	Juniper	Preserve	Outside Site Limits	4"	5	
19	Cottonwood	Preserve	Outside Site Limits	9"	5	
20	Cottonwood	Preserve	Outside Site Limits	9"	5	
21	Elm	Preserve	Outside Site Limits	13"	5	
22	Juniper	Preserve	Outside Site Limits	4"	5	
23	Juniper	Preserve	Outside Site Limits	5"	5	

**Proposed Tree Planting Summary (Phase 1)**

Phase 1 Tree Planting Summary			
	Quantity	Size (Dia. In Inches)	Total (Dia. In Inches)
Overstory Trees	116	2.5	290
Evergreen Trees	43	2.5	107.5
Ornamental Trees	24	1.5	36
Total Proposed Tree Plantings (Phase 1)			433.5
Future Phases Tree Planting Summary			
	Quantity	Size (Dia. In Inches)	Total (Dia. In Inches)
Overstory Trees	100	2.5	250
Evergreen Trees	15	2.5	37.5
Ornamental Trees	45	1.5	67.5
Total Proposed Tree Plantings (Future Phases)			355
Overall Site Tree Plantings			788.5



**Legend**

- Property Limits
- Buildings
- Water Quality Treatment Ponds
- Pond Contours
- Roadway Linework
- Right of Way
- Significant Trees (1,146)
- Invasive Species (21)
- Trees within Proposed Water Treatment Ponds (110)

0 200 Feet

Source: MnGeo Imagery

Map Document: H:\PSD\LLC\_PRR\16113129\GIS\ESRI\Anoka County Coordinates\Trees.mxd | Date Saved: 7/16/2017 11:37:00 AM

# Ramsey Business Park Site Tree Preservation Plan Tree Survey

PSD, LLC

Prepared By:

**Bolton & Menk, Inc.**

7533 Sunwood Drive NW #206

Ramsey, MN 55303

(763) 433-2851

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
0	Pine	Remove	General Site Improvements	6"	5	
1	Juniper	Remove	General Site Improvements	5"	5	
2	Pine	Remove	General Site Improvements	6"	5	
3	Pine	Remove	General Site Improvements	5"	5	
4	Pine	Remove	General Site Improvements	4"	5	
5	Pine	Remove	General Site Improvements	7"	5	
6	Pine	Remove	General Site Improvements	6"	5	
7	Pine	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 4"
8	Pine	Remove	General Site Improvements	5"	5	
9	Pine	Remove	General Site Improvements	5"	5	
10	Pine	Remove	General Site Improvements	6"	5	
11	Pine	Remove	General Site Improvements	6"	5	
12	Pine	Remove	General Site Improvements	6"	5	
13	Pine	Remove	General Site Improvements	6"	5	
14	Pine	Remove	General Site Improvements	7"	5	
15	Pine	Remove	General Site Improvements	4"	5	
16	Pine	Remove	General Site Improvements	6"	5	
17	Pine	Remove	General Site Improvements	7"	5	
18	Pine	Remove	General Site Improvements	5"	5	
19	Pine	Remove	General Site Improvements	7"	5	
20	Pine	Remove	General Site Improvements	6"	5	
21	Pine	Remove	General Site Improvements	5"	5	
22	Pine	Remove	General Site Improvements	6"	5	
23	Pine	Remove	General Site Improvements	6"	5	
24	Pine	Remove	General Site Improvements	9"	5	
25	Pine	Remove	General Site Improvements	6"	5	
26	Pine	Remove	General Site Improvements	6"	5	
27	Pine	Remove	General Site Improvements	10"	5	
28	Pine	Remove	General Site Improvements	8"	5	
29	Juniper	Remove	General Site Improvements	4"	5	
30	Pine	Remove	General Site Improvements	7"	5	
31	Pine	Remove	General Site Improvements	7"	5	
32	Pine	Remove	General Site Improvements	6"	5	
33	Pine	Remove	General Site Improvements	7"	5	
34	Pine	Remove	General Site Improvements	5"	5	
35	Pine	Remove	General Site Improvements	5"	5	
36	Pine	Remove	General Site Improvements	6"	5	
37	Pine	Remove	General Site Improvements	6"	5	
38	Pine	Remove	General Site Improvements	5"	5	
39	Pine	Remove	General Site Improvements	4"	5	
40	Pine	Remove	General Site Improvements	5"	5	
41	Pine	Remove	General Site Improvements	5"	5	
42	Pine	Remove	General Site Improvements	4"	5	
43	Pine	Remove	General Site Improvements	6"	5	
44	Pine	Remove	General Site Improvements	6"	5	
45	Pine	Remove	General Site Improvements	4"	5	
46	Pine	Remove	General Site Improvements	5"	5	
47	Pine	Remove	General Site Improvements	4"	5	
48	Pine	Remove	General Site Improvements	4"	5	
49	Pine	Remove	General Site Improvements	5"	5	
50	Pine	Remove	General Site Improvements	6"	5	
51	Pine	Remove	General Site Improvements	7"	5	
52	Pine	Remove	General Site Improvements	6"	5	
53	Pine	Remove	General Site Improvements	7"	5	
54	Pine	Remove	General Site Improvements	4"	5	
55	Pine	Remove	General Site Improvements	6"	5	
56	Pine	Remove	General Site Improvements	5"	5	
57	Pine	Remove	General Site Improvements	9"	5	
58	Pine	Remove	General Site Improvements	6"	5	

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
59	Pine	Remove	General Site Improvements	6"	5	
60	Pine	Remove	General Site Improvements	6"	5	
61	Pine	Remove	General Site Improvements	6"	5	
62	Pine	Remove	General Site Improvements	7"	5	
63	Pine	Remove	General Site Improvements	6"	5	
64	Pine	Remove	General Site Improvements	6"	5	
65	Pine	Remove	General Site Improvements	6"	5	
66	Pine	Remove	General Site Improvements	8"	5	
67	Pine	Remove	General Site Improvements	7"	5	
68	Pine	Remove	General Site Improvements	6"	5	
69	Pine	Remove	General Site Improvements	6"	5	
70	Pine	Remove	General Site Improvements	6"	5	
71	Pine	Remove	General Site Improvements	8"	5	
72	Pine	Remove	General Site Improvements	4"	5	
73	Pine	Remove	General Site Improvements	5"	5	
74	Pine	Remove	General Site Improvements	5"	5	
75	Pine	Remove	General Site Improvements	5"	5	
76	Pine	Remove	General Site Improvements	6"	5	
77	Pine	Remove	General Site Improvements	6"	5	
78	Pine	Remove	General Site Improvements	6"	5	
79	Pine	Remove	General Site Improvements	5"	5	
80	Pine	Remove	General Site Improvements	8"	5	
81	Pine	Remove	General Site Improvements	5"	5	
82	Pine	Remove	General Site Improvements	7"	5	
83	Pine	Remove	General Site Improvements	6"	5	
84	Pine	Remove	General Site Improvements	6"	5	
85	Pine	Remove	General Site Improvements	4"	5	
86	Pine	Remove	General Site Improvements	8"	5	
87	Pine	Remove	General Site Improvements	7"	5	
88	Pine	Remove	General Site Improvements	4"	5	Multi-Trunk: 4" & 4"
89	Pine	Remove	General Site Improvements	6"	5	
90	Juniper	Remove	General Site Improvements	4"	5	
91	Juniper	Remove	General Site Improvements	5"	5	
92	Juniper	Remove	General Site Improvements	6"	5	
93	Juniper	Remove	General Site Improvements	7"	5	
94	Juniper	Remove	General Site Improvements	5"	5	
95	Juniper	Remove	General Site Improvements	6"	5	
96	Juniper	Remove	General Site Improvements	5"	5	
97	Juniper	Remove	General Site Improvements	4"	5	
98	Juniper	Remove	General Site Improvements	5"	5	
99	Juniper	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 4"
100	Juniper	Remove	General Site Improvements	7"	5	
101	Spruce	Remove	General Site Improvements	17"	5	
102	Pine	Remove	General Site Improvements	6"	5	
103	Juniper	Remove	General Site Improvements	8"	5	Multi-Trunk: 8" & 5"
104	Pine	Remove	General Site Improvements	7"	5	
105	Pine	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 6"
106	Pine	Remove	General Site Improvements	5"	5	
107	Pine	Remove	General Site Improvements	6"	5	
108	Juniper	Remove	General Site Improvements	5"	5	
109	Juniper	Remove	General Site Improvements	4"	5	
110	Pine	Remove	General Site Improvements	5"	5	
111	Pine	Remove	General Site Improvements	5"	5	
112	Pine	Remove	General Site Improvements	6"	5	
113	Juniper	Remove	General Site Improvements	4"	5	
114	Pine	Remove	General Site Improvements	5"	5	
115	Pine	Remove	General Site Improvements	5"	5	
116	Pine	Remove	General Site Improvements	5"	5	
117	Pine	Remove	General Site Improvements	4"	5	
118	Pine	Remove	General Site Improvements	8"	5	
119	Pine	Remove	General Site Improvements	5"	5	
120	Pine	Remove	General Site Improvements	4"	5	
121	Pine	Remove	General Site Improvements	5"	5	
122	Pine	Remove	General Site Improvements	4"	5	
123	Pine	Remove	General Site Improvements	7"	5	
124	Pine	Remove	General Site Improvements	4"	2	
125	Pine	Remove	General Site Improvements	5"	5	
126	Pine	Remove	General Site Improvements	4"	5	
127	Pine	Remove	General Site Improvements	5"	5	
128	Pine	Remove	General Site Improvements	7"	5	

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
129	Pine	Remove	General Site Improvements	4"	5	
130	Pine	Remove	General Site Improvements	5"	5	
131	Pine	Remove	General Site Improvements	4"	3	
132	Pine	Remove	General Site Improvements	5"	5	
133	Pine	Remove	General Site Improvements	5"	5	
134	Pine	Remove	General Site Improvements	8"	5	
135	Pine	Remove	General Site Improvements	5"	4	
136	Pine	Remove	General Site Improvements	6"	5	
137	Pine	Remove	General Site Improvements	5"	5	
138	Pine	Remove	General Site Improvements	6"	5	
139	Pine	Remove	General Site Improvements	6"	5	
140	Pine	Remove	General Site Improvements	5"	5	
141	Pine	Remove	General Site Improvements	4"	5	
142	Pine	Remove	General Site Improvements	5"	5	
143	Pine	Remove	General Site Improvements	6"	5	
144	Pine	Remove	General Site Improvements	7"	5	
145	Pine	Remove	General Site Improvements	5"	5	
146	Pine	Remove	General Site Improvements	4"	5	
147	Pine	Remove	General Site Improvements	5"	5	
148	Pine	Remove	General Site Improvements	6"	5	
149	Pine	Remove	General Site Improvements	4"	5	
150	Pine	Remove	General Site Improvements	6"	5	
151	Pine	Remove	General Site Improvements	5"	5	
152	Pine	Remove	General Site Improvements	4"	3	
153	Pine	Remove	General Site Improvements	6"	5	
154	Pine	Remove	General Site Improvements	5"	5	Multi-Trunk: 5" & 5"
155	Pine	Remove	General Site Improvements	5"	5	
156	Pine	Remove	General Site Improvements	11"	5	
157	Pine	Remove	General Site Improvements	6"	5	
158	Pine	Remove	General Site Improvements	9"	5	
159	Pine	Remove	General Site Improvements	6"	5	
160	Pine	Remove	General Site Improvements	6"	5	
161	Pine	Remove	General Site Improvements	5"	5	
162	Pine	Remove	General Site Improvements	9"	5	
163	Juniper	Remove	General Site Improvements	4"	5	
164	Pine	Remove	General Site Improvements	12"	5	
165	Juniper	Remove	General Site Improvements	4"	5	
166	Juniper	Remove	General Site Improvements	4"	5	
167	Pine	Remove	General Site Improvements	9"	5	
168	Pine	Remove	General Site Improvements	5"	5	
169	Juniper	Remove	General Site Improvements	4"	5	
170	Pine	Remove	General Site Improvements	4"	5	Multi-Trunk: 4" & 4"
171	Pine	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 5"
172	Pine	Remove	General Site Improvements	6"	5	
173	Pine	Remove	General Site Improvements	6"	5	Multi-Trunk: 6", 5" & 5"
174	Pine	Remove	General Site Improvements	5"	5	
175	Pine	Remove	General Site Improvements	6"	5	
176	Pine	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 4"
177	Pine	Remove	General Site Improvements	4"	5	
178	Pine	Remove	General Site Improvements	5"	5	
179	Pine	Remove	General Site Improvements	6"	5	
180	Pine	Remove	General Site Improvements	4"	5	
181	Pine	Remove	General Site Improvements	5"	5	
182	Juniper	Remove	General Site Improvements	4"	5	
183	Pine	Remove	General Site Improvements	4"	5	
184	Pine	Remove	General Site Improvements	5"	5	
185	Pine	Remove	General Site Improvements	4"	5	
186	Pine	Remove	General Site Improvements	5"	5	
187	Pine	Remove	General Site Improvements	4"	5	
188	Pine	Remove	General Site Improvements	4"	5	
189	Pine	Remove	General Site Improvements	4"	5	
190	Pine	Remove	General Site Improvements	5"	3	
191	Pine	Remove	General Site Improvements	6"	5	
192	Pine	Remove	General Site Improvements	4"	5	
193	Pine	Remove	General Site Improvements	4"	5	
194	Pine	Remove	General Site Improvements	4"	5	
195	Pine	Remove	General Site Improvements	6"	5	
196	Pine	Remove	General Site Improvements	5"	5	
197	Pine	Remove	General Site Improvements	7"	5	
198	Pine	Remove	General Site Improvements	6"	5	

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
199	Pine	Remove	General Site Improvements	5"	5	
200	Pine	Remove	General Site Improvements	5"	5	Multi-Trunk: 5" & 4"
201	Pine	Remove	General Site Improvements	6"	5	
202	Pine	Remove	General Site Improvements	7"	5	
203	Pine	Remove	General Site Improvements	6"	5	
204	Juniper	Remove	General Site Improvements	4"	5	
205	Juniper	Remove	General Site Improvements	5"	5	
206	Pine	Remove	General Site Improvements	5"	5	
207	Pine	Remove	General Site Improvements	5"	5	
208	Pine	Remove	General Site Improvements	6"	5	
209	Pine	Remove	General Site Improvements	7"	5	
210	Pine	Remove	General Site Improvements	5"	5	
211	Pine	Remove	General Site Improvements	6"	5	
212	Pine	Remove	General Site Improvements	5"	5	
213	Pine	Remove	General Site Improvements	6"	5	
214	Pine	Remove	General Site Improvements	4"	5	
215	Pine	Remove	General Site Improvements	4"	5	
216	Pine	Remove	General Site Improvements	6"	5	
217	Pine	Remove	General Site Improvements	4"	5	
218	Pine	Remove	General Site Improvements	6"	5	
219	Pine	Remove	General Site Improvements	6"	5	
220	Pine	Remove	General Site Improvements	5"	5	
221	Pine	Remove	General Site Improvements	5"	5	
222	Pine	Remove	General Site Improvements	4"	5	
223	Pine	Remove	General Site Improvements	6"	5	
224	Pine	Remove	General Site Improvements	6"	5	
225	Pine	Remove	General Site Improvements	5"	5	
226	Pine	Remove	General Site Improvements	6"	5	
227	Pine	Remove	General Site Improvements	5"	5	
228	Pine	Remove	General Site Improvements	5"	5	
229	Pine	Remove	General Site Improvements	6"	5	
230	Pine	Remove	General Site Improvements	5"	5	
231	Pine	Remove	General Site Improvements	5"	5	
232	Pine	Remove	General Site Improvements	4"	5	
233	Pine	Remove	General Site Improvements	4"	5	
234	Pine	Remove	General Site Improvements	8"	5	
235	Pine	Remove	General Site Improvements	4"	5	
236	Pine	Remove	General Site Improvements	7"	5	
237	Pine	Remove	General Site Improvements	4"	5	
238	Pine	Remove	General Site Improvements	5"	5	
239	Pine	Remove	General Site Improvements	5"	5	
240	Pine	Remove	General Site Improvements	5"	5	
241	Pine	Remove	General Site Improvements	7"	5	
242	Pine	Remove	General Site Improvements	5"	5	
243	Pine	Remove	General Site Improvements	4"	5	
244	Pine	Remove	General Site Improvements	4"	5	
245	Juniper	Remove	General Site Improvements	5"	5	
246	Pine	Remove	General Site Improvements	5"	5	
247	Pine	Remove	General Site Improvements	7"	5	
248	Pine	Remove	General Site Improvements	5"	5	
249	Pine	Remove	General Site Improvements	5"	5	
250	Pine	Remove	General Site Improvements	6"	5	
251	Pine	Remove	General Site Improvements	6"	5	
252	Pine	Remove	General Site Improvements	4"	5	
253	Pine	Remove	General Site Improvements	8"	5	
254	Pine	Remove	General Site Improvements	4"	5	
255	Pine	Remove	General Site Improvements	4"	5	
256	Pine	Remove	General Site Improvements	6"	5	
257	Pine	Remove	General Site Improvements	6"	5	
258	Pine	Remove	General Site Improvements	6"	5	
259	Pine	Remove	General Site Improvements	5"	5	
260	Pine	Remove	General Site Improvements	5"	5	
261	Pine	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 6"
262	Pine	Remove	General Site Improvements	8"	5	
263	Pine	Remove	General Site Improvements	7"	5	
264	Pine	Remove	General Site Improvements	5"	5	
265	Pine	Remove	General Site Improvements	5"	5	
266	Pine	Remove	General Site Improvements	5"	5	
267	Pine	Remove	General Site Improvements	5"	5	
268	Pine	Remove	General Site Improvements	5"	5	

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
269	Pine	Remove	General Site Improvements	5"	5	
270	Juniper	Remove	General Site Improvements	4"	5	
271	Juniper	Remove	General Site Improvements	5"	5	
272	Pine	Remove	General Site Improvements	5"	3	
273	Pine	Remove	General Site Improvements	6"	5	
274	Pine	Remove	General Site Improvements	4"	5	
275	Pine	Remove	General Site Improvements	5"	5	
276	Pine	Remove	General Site Improvements	4"	5	
277	Pine	Remove	General Site Improvements	8"	5	
278	Pine	Remove	General Site Improvements	4"	5	
279	Pine	Remove	General Site Improvements	8"	5	
280	Pine	Remove	General Site Improvements	6"	5	Multi-Trunk: 6", 6" & 5"
281	Pine	Remove	General Site Improvements	5"	5	
282	Pine	Remove	General Site Improvements	5"	5	
283	Pine	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 5"
284	Juniper	Remove	General Site Improvements	4"	5	
285	Pine	Remove	General Site Improvements	6"	5	
286	Spruce	Remove	General Site Improvements	9"	5	
287	Spruce	Remove	General Site Improvements	5"	5	
288	Spruce	Remove	General Site Improvements	4"	5	
289	Spruce	Remove	General Site Improvements	9"	5	
290	Spruce	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 5"
291	Spruce	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 6"
292	Spruce	Remove	General Site Improvements	7"	5	Multi-Trunk: 7" & 6"
293	Spruce	Remove	General Site Improvements	9"	5	Multi-Trunk: 9" & 6"
294	Pine	Remove	General Site Improvements	6"	5	
295	Spruce	Remove	General Site Improvements	8"	3	
296	Spruce	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 6"
297	Spruce	Remove	General Site Improvements	10"	5	
298	Pine	Remove	General Site Improvements	5"	5	
299	Spruce	Remove	General Site Improvements	10"	5	
300	Spruce	Remove	General Site Improvements	12"	5	
301	Spruce	Remove	General Site Improvements	6"	5	
302	Spruce	Remove	General Site Improvements	4"	5	Multi-Trunk: 4" & 4"
303	Spruce	Remove	General Site Improvements	8"	5	Multi-Trunk: 8" & 4"
304	Pine	Remove	General Site Improvements	6"	5	
305	Spruce	Remove	General Site Improvements	7"	5	Multi-Trunk: 7" & 6"
306	Pine	Remove	General Site Improvements	4"	5	
307	Spruce	Remove	General Site Improvements	8"	5	Multi-Trunk: 8" & 6"
308	Pine	Remove	General Site Improvements	5"	5	
309	Pine	Remove	General Site Improvements	4"	5	
310	Pine	Remove	General Site Improvements	7"	5	
311	Pine	Remove	General Site Improvements	4"	5	
312	Pine	Remove	General Site Improvements	4"	5	
313	Pine	Remove	General Site Improvements	4"	5	
314	Pine	Remove	General Site Improvements	4"	5	
315	Pine	Remove	General Site Improvements	9"	5	
316	Spruce	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 6"
317	Spruce	Remove	General Site Improvements	8"	5	
318	Spruce	Remove	General Site Improvements	10"	5	Multi-Trunk: 10" & 7"
319	Spruce	Remove	General Site Improvements	11"	5	
320	Spruce	Remove	General Site Improvements	10"	5	
321	Spruce	Remove	General Site Improvements	5"	5	
322	Pine	Remove	General Site Improvements	4"	5	
323	Spruce	Remove	General Site Improvements	6"	5	
324	Spruce	Remove	General Site Improvements	7"	5	
325	Spruce	Remove	General Site Improvements	7"	5	
326	Spruce	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 5"
327	Spruce	Remove	General Site Improvements	9"	5	
328	Pine	Remove	General Site Improvements	7"	5	
329	Pine	Remove	General Site Improvements	7"	5	Multi-Trunk: 7" & 6"
330	Juniper	Remove	General Site Improvements	4"	5	
331	Juniper	Remove	General Site Improvements	6"	5	
332	Pine	Remove	General Site Improvements	5"	5	
333	Pine	Remove	General Site Improvements	6"	5	
334	Pine	Remove	General Site Improvements	6"	5	
335	Pine	Remove	General Site Improvements	5"	5	
336	Pine	Remove	General Site Improvements	5"	5	
337	Pine	Remove	General Site Improvements	6"	5	
338	Pine	Remove	General Site Improvements	4"	5	

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
339	Pine	Remove	General Site Improvements	5"	5	
340	Pine	Remove	General Site Improvements	5"	5	
341	Pine	Remove	General Site Improvements	5"	5	
342	Pine	Remove	General Site Improvements	6"	5	
343	Pine	Remove	General Site Improvements	5"	5	
344	Pine	Remove	General Site Improvements	7"	5	
345	Pine	Remove	General Site Improvements	5"	5	
346	Pine	Remove	General Site Improvements	5"	5	
347	Pine	Remove	General Site Improvements	6"	5	
348	Pine	Remove	General Site Improvements	6"	5	
349	Pine	Remove	General Site Improvements	5"	5	
350	Pine	Remove	General Site Improvements	5"	3	
351	Pine	Remove	General Site Improvements	4"	5	
352	Pine	Remove	General Site Improvements	4"	5	
353	Pine	Remove	General Site Improvements	6"	5	
354	Pine	Remove	General Site Improvements	7"	5	
355	Pine	Remove	General Site Improvements	7"	5	
356	Pine	Remove	General Site Improvements	7"	5	
357	Pine	Remove	General Site Improvements	5"	5	
358	Pine	Remove	General Site Improvements	6"	5	
359	Pine	Remove	General Site Improvements	6"	5	
360	Pine	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 5"
361	Pine	Remove	General Site Improvements	6"	5	
362	Pine	Remove	General Site Improvements	5"	5	Multi-Trunk: 5" & 4"
363	Pine	Remove	General Site Improvements	5"	5	
364	Pine	Remove	General Site Improvements	4"	5	
365	Pine	Remove	General Site Improvements	6"	5	
366	Pine	Remove	General Site Improvements	6"	5	
367	Pine	Remove	General Site Improvements	4"	5	
368	Pine	Remove	General Site Improvements	5"	5	
369	Pine	Remove	General Site Improvements	4"	5	
370	Pine	Remove	General Site Improvements	6"	3	
371	Pine	Remove	General Site Improvements	5"	5	
372	Pine	Remove	General Site Improvements	5"	5	
373	Pine	Remove	General Site Improvements	5"	5	
374	Pine	Remove	General Site Improvements	6"	5	
375	Pine	Remove	General Site Improvements	6"	5	
376	Pine	Remove	General Site Improvements	5"	5	
377	Pine	Remove	General Site Improvements	6"	5	
378	Pine	Remove	General Site Improvements	7"	5	
379	Pine	Remove	General Site Improvements	4"	5	
380	Pine	Remove	General Site Improvements	6"	5	
381	Pine	Remove	General Site Improvements	6"	5	
382	Pine	Remove	General Site Improvements	4"	5	
383	Pine	Remove	General Site Improvements	6"	5	
384	Pine	Remove	General Site Improvements	7"	5	
385	Pine	Remove	General Site Improvements	5"	5	
386	Pine	Remove	General Site Improvements	7"	5	
387	Pine	Remove	General Site Improvements	7"	5	
388	Pine	Remove	General Site Improvements	8"	5	
389	Pine	Remove	General Site Improvements	5"	5	
390	Pine	Remove	General Site Improvements	5"	5	
391	Pine	Remove	General Site Improvements	5"	5	
392	Pine	Remove	General Site Improvements	4"	5	
393	Pine	Remove	General Site Improvements	5"	5	
394	Pine	Remove	General Site Improvements	5"	5	
395	Pine	Remove	General Site Improvements	6"	5	
396	Juniper	Remove	General Site Improvements	4"	5	
397	Spruce	Remove	General Site Improvements	22"	5	
398	Juniper	Remove	General Site Improvements	4"	5	
399	Spruce	Remove	General Site Improvements	20"	5	
400	Spruce	Remove	General Site Improvements	19"	5	
401	Spruce	Remove	General Site Improvements	25"	5	
402	Ash	Remove	General Site Improvements	7"	5	Multi-Trunk: 7" & 4"
403	Juniper	Remove	General Site Improvements	4"	5	
404	Juniper	Remove	General Site Improvements	4"	5	
405	Juniper	Remove	General Site Improvements	4"	5	
406	Juniper	Remove	General Site Improvements	4"	5	
407	Spruce	Remove	General Site Improvements	12"	5	
408	Juniper	Remove	General Site Improvements	6"	5	

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
409	Juniper	Remove	General Site Improvements	4"	5	
410	Juniper	Remove	General Site Improvements	4"	5	
411	Juniper	Remove	General Site Improvements	4"	5	
412	Juniper	Remove	General Site Improvements	4"	5	
413	Juniper	Remove	General Site Improvements	5"	5	
414	Juniper	Remove	General Site Improvements	4"	5	
415	Juniper	Remove	General Site Improvements	4"	5	
416	Juniper	Remove	General Site Improvements	4"	5	
417	Juniper	Remove	General Site Improvements	5"	5	
418	Juniper	Remove	General Site Improvements	6"	5	
419	Juniper	Remove	General Site Improvements	6"	5	
420	Juniper	Remove	General Site Improvements	4"	5	
421	Juniper	Remove	General Site Improvements	4"	5	
422	Juniper	Remove	General Site Improvements	4"	5	
423	Spruce	Remove	General Site Improvements	23"	5	
424	Spruce	Remove	General Site Improvements	24"	5	
425	Juniper	Remove	General Site Improvements	4"	5	
426	Juniper	Remove	General Site Improvements	4"	5	
427	Spruce	Remove	General Site Improvements	22"	5	
428	Juniper	Remove	General Site Improvements	4"	5	
429	Juniper	Remove	General Site Improvements	6"	5	
430	Juniper	Remove	General Site Improvements	6"	5	Multi-Trunk: 6", 5", 5" & 4"
431	Juniper	Remove	General Site Improvements	7"	5	
432	Juniper	Remove	General Site Improvements	9"	5	
433	Spruce	Remove	General Site Improvements	20"	5	Multi-Trunk: 20" & 20"
434	Cherry	Remove	General Site Improvements	12"	5	Multi-Trunk: 12" & 10"
435	Spruce	Remove	General Site Improvements	19"	5	
436	Spruce	Remove	General Site Improvements	23"	5	
437	Juniper	Remove	General Site Improvements	5"	5	
438	Spruce	Remove	General Site Improvements	24"	5	
439	Juniper	Remove	General Site Improvements	4"	5	
440	Juniper	Remove	General Site Improvements	5"	5	
441	Juniper	Remove	General Site Improvements	5"	5	
442	Spruce	Remove	General Site Improvements	30"	5	
443	Spruce	Remove	General Site Improvements	18"	5	
444	Juniper	Remove	General Site Improvements	4"	5	
445	Spruce	Remove	General Site Improvements	20"	5	
446	Pine	Remove	General Site Improvements	4"	5	
447	Spruce	Remove	General Site Improvements	5"	5	
448	Juniper	Remove	General Site Improvements	6"	5	
449	Pine	Remove	General Site Improvements	6"	5	
450	Pine	Remove	General Site Improvements	5"	5	
451	Pine	Remove	General Site Improvements	8"	5	Multi-Trunk: 8" & 7"
452	Pine	Remove	General Site Improvements	5"	5	
453	Pine	Remove	General Site Improvements	4"	5	
454	Pine	Remove	General Site Improvements	6"	5	
455	Pine	Remove	General Site Improvements	7"	5	
456	Pine	Remove	General Site Improvements	7"	5	
457	Pine	Remove	General Site Improvements	5"	5	
458	Juniper	Remove	General Site Improvements	5"	5	
459	Pine	Remove	General Site Improvements	5"	5	
460	Pine	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 6"
461	Pine	Remove	General Site Improvements	6"	5	
462	Pine	Remove	General Site Improvements	4"	5	
463	Pine	Remove	General Site Improvements	6"	5	
464	Pine	Remove	General Site Improvements	5"	5	
465	Pine	Remove	General Site Improvements	4"	5	
466	Juniper	Remove	General Site Improvements	4"	5	
467	Juniper	Remove	General Site Improvements	4"	5	
468	Pine	Remove	General Site Improvements	6"	5	
469	Juniper	Remove	General Site Improvements	4"	5	
470	Juniper	Remove	General Site Improvements	5"	5	
471	Spruce	Remove	General Site Improvements	13"	3	
472	Spruce	Remove	General Site Improvements	12"	4	
473	Spruce	Remove	General Site Improvements	12"	5	Multi-Trunk: 12" & 12"
474	Juniper	Remove	General Site Improvements	5"	5	
475	Spruce	Remove	General Site Improvements	13"	5	Multi-Trunk: 14" & 13"
476	Juniper	Remove	General Site Improvements	4"	5	
477	Spruce	Remove	General Site Improvements	6"	5	
478	Spruce	Remove	General Site Improvements	6"	5	

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
479	Spruce	Remove	General Site Improvements	5"	5	
480	Pine	Remove	General Site Improvements	5"	5	
481	Pine	Remove	General Site Improvements	4"	5	
482	Pine	Remove	General Site Improvements	5"	5	
483	Pine	Remove	General Site Improvements	7"	5	
484	Juniper	Remove	General Site Improvements	5"	5	
485	Pine	Remove	General Site Improvements	7"	5	
486	Pine	Remove	General Site Improvements	5"	5	
487	Juniper	Remove	General Site Improvements	5"	5	
488	Pine	Remove	General Site Improvements	6"	5	
489	Pine	Remove	General Site Improvements	6"	5	
490	Pine	Remove	General Site Improvements	13"	5	
491	Pine	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 5"
492	Pine	Remove	General Site Improvements	5"	5	
493	Spruce	Remove	General Site Improvements	13"	5	
494	Spruce	Remove	General Site Improvements	7"	5	
495	Pine	Remove	General Site Improvements	6"	5	
496	Pine	Remove	General Site Improvements	7"	5	
497	Pine	Remove	General Site Improvements	6"	5	
498	Pine	Remove	General Site Improvements	8"	5	
499	Pine	Remove	General Site Improvements	6"	5	
500	Pine	Remove	General Site Improvements	6"	5	
501	Pine	Remove	General Site Improvements	6"	5	
502	Pine	Remove	General Site Improvements	4"	5	
503	Juniper	Remove	General Site Improvements	5"	5	
504	Pine	Remove	General Site Improvements	7"	5	
505	Pine	Remove	General Site Improvements	12"	5	
506	Pine	Remove	General Site Improvements	8"	5	
507	Juniper	Remove	General Site Improvements	4"	5	
508	Pine	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 6"
509	Pine	Remove	General Site Improvements	12"	5	
510	Pine	Remove	General Site Improvements	8"	5	Multi-Trunk: 8" & 7"
511	Pine	Remove	General Site Improvements	11"	5	
512	Pine	Remove	General Site Improvements	5"	3	
513	Pine	Remove	General Site Improvements	5"	3	
514	Pine	Remove	General Site Improvements	6"	5	
515	Pine	Remove	General Site Improvements	4"	3	
516	Pine	Remove	General Site Improvements	4"	3	
517	Pine	Remove	General Site Improvements	4"	5	
518	Pine	Remove	General Site Improvements	4"	5	
519	Pine	Remove	General Site Improvements	6"	4	
520	Pine	Remove	General Site Improvements	5"	5	
521	Pine	Remove	General Site Improvements	7"	5	
522	Pine	Remove	General Site Improvements	6"	5	
523	Pine	Remove	General Site Improvements	6"	5	
524	Pine	Remove	General Site Improvements	6"	5	
525	Pine	Remove	General Site Improvements	4"	5	
526	Pine	Remove	General Site Improvements	6"	5	
527	Pine	Remove	General Site Improvements	7"	5	
528	Pine	Remove	General Site Improvements	4"	5	
529	Pine	Remove	General Site Improvements	6"	5	
530	Pine	Remove	General Site Improvements	7"	5	
531	Pine	Remove	General Site Improvements	6"	5	
532	Pine	Remove	General Site Improvements	6"	3	
533	Pine	Remove	General Site Improvements	7"	5	
534	Juniper	Remove	General Site Improvements	4"	5	
535	Juniper	Remove	General Site Improvements	5"	5	Multi-Trunk: 5", 4" & 4"
536	Juniper	Remove	General Site Improvements	8"	5	Multi-Trunk: 8", 6" & 4"
537	Juniper	Remove	General Site Improvements	4"	5	
538	Pine	Remove	General Site Improvements	8"	5	
539	Juniper	Remove	General Site Improvements	4"	5	
540	Juniper	Remove	General Site Improvements	4"	5	
541	Juniper	Remove	General Site Improvements	4"	2	
542	Pine	Remove	General Site Improvements	5"	5	
543	Juniper	Remove	General Site Improvements	4"	5	
544	Juniper	Remove	General Site Improvements	4"	5	
545	Juniper	Remove	General Site Improvements	5"	5	
546	Juniper	Remove	General Site Improvements	5"	5	
547	Juniper	Remove	General Site Improvements	4"	5	
548	Pine	Remove	General Site Improvements	6"	3	Multi-Trunk: 6", 4" & 4"

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
549	Pine	Remove	General Site Improvements	5"	5	
550	Pine	Remove	General Site Improvements	7"	4	
551	Juniper	Remove	General Site Improvements	4"	5	
552	Juniper	Remove	General Site Improvements	4"	5	
553	Pine	Remove	General Site Improvements	5"	5	
554	Pine	Remove	General Site Improvements	4"	5	
555	Pine	Remove	General Site Improvements	5"	5	
556	Pine	Remove	General Site Improvements	4"	5	
557	Pine	Remove	General Site Improvements	6"	5	
558	Pine	Remove	General Site Improvements	6"	5	
559	Pine	Remove	General Site Improvements	6"	5	
560	Juniper	Remove	General Site Improvements	4"	5	
561	Juniper	Remove	General Site Improvements	4"	5	
562	Juniper	Remove	General Site Improvements	4"	2	
563	Pine	Remove	General Site Improvements	6"	5	
564	Juniper	Remove	General Site Improvements	4"	5	
565	Box Elder	Remove	General Site Improvements	8"	5	Multi-Trunk: 8", 7", 6" & 5"
566	Juniper	Remove	General Site Improvements	5"	5	
567	Juniper	Remove	General Site Improvements	4"	5	
568	Juniper	Remove	General Site Improvements	4"	5	
569	Juniper	Remove	General Site Improvements	4"	5	
570	Juniper	Remove	General Site Improvements	4"	5	
571	Pine	Remove	General Site Improvements	4"	5	
572	Juniper	Remove	General Site Improvements	5"	5	
573	Juniper	Remove	General Site Improvements	4"	5	
574	Juniper	Remove	General Site Improvements	4"	5	
575	Juniper	Remove	General Site Improvements	4"	5	
576	Pine	Remove	General Site Improvements	4"	5	
577	Juniper	Remove	General Site Improvements	4"	5	
578	Spruce	Remove	General Site Improvements	14"	5	
579	Juniper	Remove	General Site Improvements	5"	5	
580	Spruce	Remove	General Site Improvements	13"	5	
581	Juniper	Remove	General Site Improvements	4"	5	
582	Juniper	Remove	General Site Improvements	4"	5	
583	Spruce	Remove	General Site Improvements	8"	5	Multi-Trunk: 8" & 8"
584	Spruce	Remove	General Site Improvements	12"	5	
585	Juniper	Remove	General Site Improvements	5"	5	
586	Spruce	Remove	General Site Improvements	8"	5	
587	Spruce	Remove	General Site Improvements	7"	3	
588	Spruce	Remove	General Site Improvements	6"	1	
589	Spruce	Remove	General Site Improvements	4"	2	
590	Spruce	Remove	General Site Improvements	8"	5	
591	Spruce	Remove	General Site Improvements	9"	4	
592	Spruce	Remove	General Site Improvements	9"	5	
593	Spruce	Remove	General Site Improvements	5"	4	Multi-Trunk: 5" & 4"
594	Spruce	Remove	General Site Improvements	10"	4	
595	Spruce	Remove	General Site Improvements	7"	4	Multi-Trunk: 7" & 5"
596	Spruce	Remove	General Site Improvements	6"	5	
597	Spruce	Remove	General Site Improvements	6"	3	Multi-Trunk: 6" & 5"
598	Spruce	Remove	General Site Improvements	5"	5	
599	Spruce	Remove	General Site Improvements	4"	5	
600	Spruce	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 5"
601	Spruce	Remove	General Site Improvements	8"	5	Multi-Trunk: 8" & 5"
602	Spruce	Remove	General Site Improvements	6"	3	
603	Spruce	Remove	General Site Improvements	4"	2	Multi-Trunk: 4" & 4"
604	Spruce	Remove	General Site Improvements	6"	5	
605	Spruce	Remove	General Site Improvements	4"	5	
606	Spruce	Remove	General Site Improvements	7"	5	Multi-Trunk: 7" & 4"
607	Spruce	Remove	General Site Improvements	11"	3	
608	Spruce	Remove	General Site Improvements	11"	4	
609	Spruce	Remove	General Site Improvements	7"	5	
610	Spruce	Remove	General Site Improvements	6"	4	
611	Spruce	Remove	General Site Improvements	7"	5	
612	Spruce	Remove	General Site Improvements	4"	5	
613	Spruce	Remove	General Site Improvements	8"	4	
614	Spruce	Remove	General Site Improvements	9"	4	
615	Spruce	Remove	General Site Improvements	6"	3	
616	Spruce	Remove	General Site Improvements	6"	5	
617	Spruce	Remove	General Site Improvements	6"	5	
618	Spruce	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 5"

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
619	Spruce	Remove	General Site Improvements	5"	5	
620	Spruce	Remove	General Site Improvements	5"	5	
621	Spruce	Remove	General Site Improvements	5"	5	Multi-Trunk: 5", 5" & 4"
622	Spruce	Remove	General Site Improvements	5"	5	Multi-Trunk: 5", 5" & 4"
623	Spruce	Remove	General Site Improvements	4"	5	
624	Spruce	Remove	General Site Improvements	5"	3	
625	Spruce	Remove	General Site Improvements	6"	3	
626	Spruce	Remove	General Site Improvements	6"	2	
627	Spruce	Remove	General Site Improvements	5"	2	
628	Spruce	Remove	General Site Improvements	8"	5	
629	Spruce	Remove	General Site Improvements	8"	5	
630	Spruce	Remove	General Site Improvements	5"	5	
631	Spruce	Remove	General Site Improvements	4"	2	
632	Spruce	Remove	General Site Improvements	8"	3	Multi-Trunk: 8" & 4"
633	Spruce	Remove	General Site Improvements	6"	5	
634	Spruce	Remove	General Site Improvements	8"	2	
635	Spruce	Remove	General Site Improvements	6"	5	
636	Spruce	Remove	General Site Improvements	4"	5	
637	Spruce	Remove	General Site Improvements	5"	5	
638	Spruce	Remove	General Site Improvements	4"	2	
639	Spruce	Remove	General Site Improvements	5"	2	
640	Spruce	Remove	General Site Improvements	5"	5	
641	Spruce	Remove	General Site Improvements	9"	5	
642	Spruce	Remove	General Site Improvements	7"	5	Multi-Trunk: 7" & 6"
643	Spruce	Remove	General Site Improvements	11"	5	
644	Spruce	Remove	General Site Improvements	4"	3	
645	Spruce	Remove	General Site Improvements	8"	5	
646	Spruce	Remove	General Site Improvements	8"	5	Multi-Trunk: 8" & 8"
647	Juniper	Remove	General Site Improvements	4"	5	
648	Spruce	Remove	General Site Improvements	11"	5	
649	Spruce	Remove	General Site Improvements	7"	3	Multi-Trunk: 7" & 5"
650	Juniper	Remove	General Site Improvements	6"	5	
651	Pine	Remove	General Site Improvements	9"	5	
652	Pine	Remove	General Site Improvements	6"	5	
653	Cottonwood	Remove	General Site Improvements	8"	5	
654	Pine	Remove	General Site Improvements	5"	5	
655	Pine	Remove	General Site Improvements	5"	5	Multi-Trunk: 5" & 5"
656	Pine	Remove	General Site Improvements	5"	5	
657	Pine	Remove	General Site Improvements	5"	5	
658	Pine	Remove	General Site Improvements	7"	5	Multi-Trunk: 6" & 7"
659	Juniper	Remove	General Site Improvements	4"	5	
660	Pine	Remove	General Site Improvements	4"	5	
661	Juniper	Remove	General Site Improvements	4"	5	
662	Oak	Remove	General Site Improvements	4"	5	
663	Pine	Remove	General Site Improvements	4"	5	
664	Pine	Remove	General Site Improvements	6"	5	
665	Pine	Remove	General Site Improvements	5"	5	
666	Juniper	Remove	General Site Improvements	5"	5	
667	Juniper	Remove	General Site Improvements	5"	5	
668	Juniper	Remove	General Site Improvements	5"	5	
669	Pine	Remove	General Site Improvements	5"	1	Dying
670	Pine	Remove	General Site Improvements	6"	5	
671	Pine	Remove	General Site Improvements	6"	5	
672	Pine	Remove	General Site Improvements	5"	5	
673	Pine	Remove	General Site Improvements	4"	5	
674	Pine	Remove	General Site Improvements	6"	5	
675	Pine	Remove	General Site Improvements	5"	5	
676	Pine	Remove	General Site Improvements	5"	5	
677	Pine	Remove	General Site Improvements	4"	1	
678	Pine	Remove	General Site Improvements	4"	5	
679	Pine	Remove	General Site Improvements	5"	5	
680	Pine	Remove	General Site Improvements	4"	5	
681	Pine	Remove	General Site Improvements	7"	5	
682	Pine	Remove	General Site Improvements	5"	5	Multi-Trunk: 4" & 5"
683	Pine	Remove	General Site Improvements	7"	5	
684	Pine	Remove	General Site Improvements	6"	5	
685	Pine	Remove	General Site Improvements	5"	5	
686	Pine	Remove	General Site Improvements	4"	5	
687	Pine	Remove	General Site Improvements	4"	5	
688	Pine	Remove	General Site Improvements	4"	5	

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
689	Pine	Remove	General Site Improvements	4"	5	
690	Pine	Remove	General Site Improvements	5"	5	
691	Pine	Remove	General Site Improvements	4"	5	
692	Pine	Remove	General Site Improvements	5"	5	
693	Pine	Remove	General Site Improvements	5"	5	
694	Pine	Remove	General Site Improvements	5"	5	
695	Pine	Remove	General Site Improvements	4"	5	
696	Pine	Remove	General Site Improvements	7"	5	
697	Pine	Remove	General Site Improvements	5"	5	
698	Pine	Remove	General Site Improvements	4"	5	
699	Pine	Remove	General Site Improvements	6"	5	
700	Pine	Remove	General Site Improvements	7"	5	
701	Pine	Remove	General Site Improvements	5"	5	
702	Pine	Remove	General Site Improvements	4"	5	
703	Pine	Remove	General Site Improvements	6"	5	
704	Pine	Remove	General Site Improvements	6"	5	
705	Pine	Remove	General Site Improvements	4"	5	
706	Pine	Remove	General Site Improvements	6"	5	
707	Pine	Remove	General Site Improvements	4"	5	
708	Pine	Remove	General Site Improvements	4"	5	
709	Pine	Remove	General Site Improvements	4"	5	
710	Pine	Remove	General Site Improvements	5"	5	
711	Pine	Remove	General Site Improvements	5"	5	
712	Pine	Remove	General Site Improvements	7"	5	
713	Pine	Remove	General Site Improvements	6"	5	
714	Pine	Remove	General Site Improvements	6"	5	
715	Pine	Remove	General Site Improvements	5"	5	
716	Juniper	Remove	General Site Improvements	5"	5	
717	Spruce	Remove	General Site Improvements	5"	5	
718	Juniper	Remove	General Site Improvements	4"	3	
719	Juniper	Remove	General Site Improvements	4"	4	
720	Pine	Remove	General Site Improvements	6"	5	
721	Pine	Remove	General Site Improvements	6"	5	
722	Pine	Remove	General Site Improvements	6"	5	
723	Pine	Remove	General Site Improvements	4"	2	
724	Pine	Remove	General Site Improvements	5"	4	
725	Pine	Remove	General Site Improvements	4"	2	
726	Pine	Remove	General Site Improvements	5"	5	
727	Pine	Remove	General Site Improvements	5"	5	
728	Pine	Remove	General Site Improvements	4"	5	
729	Pine	Remove	General Site Improvements	4"	4	
730	Pine	Remove	General Site Improvements	4"	5	
731	Pine	Remove	General Site Improvements	5"	5	
732	Pine	Remove	General Site Improvements	4"	5	
733	Pine	Remove	General Site Improvements	5"	5	
734	Pine	Remove	General Site Improvements	5"	5	
735	Pine	Remove	General Site Improvements	6"	3	
736	Pine	Remove	General Site Improvements	4"	4	
737	Pine	Remove	General Site Improvements	6"	5	
738	Pine	Remove	General Site Improvements	4"	2	
739	Pine	Remove	General Site Improvements	6"	5	
740	Pine	Remove	General Site Improvements	5"	5	
741	Pine	Remove	General Site Improvements	5"	4	
742	Pine	Remove	General Site Improvements	5"	5	
743	Pine	Remove	General Site Improvements	4"	4	
744	Pine	Remove	General Site Improvements	5"	5	
745	Pine	Remove	General Site Improvements	5"	5	
746	Pine	Remove	General Site Improvements	6"	4	
747	Pine	Remove	General Site Improvements	5"	4	
748	Pine	Remove	General Site Improvements	4"	4	
749	Pine	Remove	General Site Improvements	5"	5	
750	Pine	Remove	General Site Improvements	4"	5	
751	Pine	Remove	General Site Improvements	5"	5	
752	Pine	Remove	General Site Improvements	6"	5	
753	Pine	Remove	General Site Improvements	6"	5	
754	Pine	Remove	General Site Improvements	5"	5	
755	Pine	Remove	General Site Improvements	5"	5	
756	Pine	Remove	General Site Improvements	6"	5	
757	Pine	Remove	General Site Improvements	4"	5	
758	Pine	Remove	General Site Improvements	4"	5	

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
759	Pine	Remove	General Site Improvements	4"	5	
760	Pine	Remove	General Site Improvements	6"	5	
761	Pine	Remove	General Site Improvements	6"	5	
762	Pine	Remove	General Site Improvements	4"	5	
763	Pine	Remove	General Site Improvements	6"	5	
764	Pine	Remove	General Site Improvements	6"	5	
765	Pine	Remove	General Site Improvements	6"	5	
766	Pine	Remove	General Site Improvements	6"	5	
767	Pine	Remove	General Site Improvements	5"	5	
768	Oak	Remove	General Site Improvements	4"	5	
769	Pine	Remove	General Site Improvements	8"	5	
770	Pine	Remove	General Site Improvements	6"	5	
771	Pine	Remove	General Site Improvements	6"	5	
772	Pine	Remove	General Site Improvements	6"	5	
773	Pine	Remove	General Site Improvements	5"	5	
774	Pine	Remove	General Site Improvements	5"	5	
775	Pine	Remove	General Site Improvements	4"	5	
776	Pine	Remove	General Site Improvements	4"	5	
777	Pine	Remove	General Site Improvements	5"	5	
778	Pine	Remove	General Site Improvements	5"	5	
779	Pine	Remove	General Site Improvements	4"	5	
780	Pine	Remove	General Site Improvements	5"	5	
781	Pine	Remove	General Site Improvements	5"	5	
782	Pine	Remove	General Site Improvements	5"	5	
783	Pine	Remove	General Site Improvements	4"	3	
784	Pine	Remove	General Site Improvements	6"	5	
785	Pine	Remove	General Site Improvements	4"	5	
786	Pine	Remove	General Site Improvements	5"	5	
787	Pine	Remove	General Site Improvements	4"	3	
788	Pine	Remove	General Site Improvements	4"	5	
789	Pine	Remove	General Site Improvements	6"	5	
790	Pine	Remove	General Site Improvements	6"	5	
791	Pine	Remove	General Site Improvements	4"	5	
792	Pine	Remove	General Site Improvements	4"	5	
793	Pine	Remove	General Site Improvements	6"	5	
794	Pine	Remove	General Site Improvements	4"	5	
795	Pine	Remove	General Site Improvements	7"	5	
796	Pine	Remove	General Site Improvements	5"	5	
797	Pine	Remove	General Site Improvements	4"	3	
798	Pine	Remove	General Site Improvements	6"	5	
799	Pine	Remove	General Site Improvements	6"	5	
800	Pine	Remove	General Site Improvements	5"	5	
801	Pine	Remove	General Site Improvements	6"	5	
802	Pine	Remove	General Site Improvements	4"	5	
803	Pine	Remove	General Site Improvements	5"	5	
804	Pine	Remove	General Site Improvements	5"	5	
805	Pine	Remove	General Site Improvements	7"	4	
806	Pine	Remove	General Site Improvements	5"	5	
807	Pine	Remove	General Site Improvements	4"	3	
808	Pine	Remove	General Site Improvements	5"	5	
809	Pine	Remove	General Site Improvements	4"	5	
810	Pine	Remove	General Site Improvements	6"	5	
811	Pine	Remove	General Site Improvements	5"	5	
812	Pine	Remove	General Site Improvements	5"	5	
813	Pine	Remove	General Site Improvements	5"	5	
814	Pine	Remove	General Site Improvements	5"	5	
815	Pine	Remove	General Site Improvements	6"	5	
816	Pine	Remove	General Site Improvements	5"	5	
817	Pine	Remove	General Site Improvements	5"	5	
818	Pine	Remove	General Site Improvements	4"	5	
819	Pine	Remove	General Site Improvements	6"	5	
820	Pine	Remove	General Site Improvements	5"	5	
821	Pine	Remove	General Site Improvements	5"	5	
822	Pine	Remove	General Site Improvements	5"	3	
823	Pine	Remove	General Site Improvements	6"	5	
824	Pine	Remove	General Site Improvements	5"	5	
825	Pine	Remove	General Site Improvements	6"	5	
826	Pine	Remove	General Site Improvements	4"	5	
827	Pine	Remove	General Site Improvements	8"	5	
828	Pine	Remove	General Site Improvements	4"	5	

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
829	Pine	Remove	General Site Improvements	8"	5	
830	Pine	Remove	General Site Improvements	5"	5	
831	Pine	Remove	General Site Improvements	5"	5	
832	Pine	Remove	General Site Improvements	4"	5	
833	Pine	Remove	General Site Improvements	4"	5	
834	Pine	Remove	General Site Improvements	6"	5	
835	Pine	Remove	General Site Improvements	5"	5	
836	Pine	Remove	General Site Improvements	6"	5	
837	Pine	Remove	General Site Improvements	5"	5	
838	Pine	Remove	General Site Improvements	6"	5	
839	Pine	Remove	General Site Improvements	6"	5	
840	Pine	Remove	General Site Improvements	6"	5	
841	Pine	Remove	General Site Improvements	4"	5	
842	Pine	Remove	General Site Improvements	5"	5	
843	Pine	Remove	General Site Improvements	6"	5	
844	Pine	Remove	General Site Improvements	5"	5	
845	Pine	Remove	General Site Improvements	4"	5	
846	Pine	Remove	General Site Improvements	4"	5	
847	Pine	Remove	General Site Improvements	5"	5	
848	Pine	Remove	General Site Improvements	4"	3	
849	Pine	Remove	General Site Improvements	5"	5	
850	Pine	Remove	General Site Improvements	7"	5	
851	Pine	Remove	General Site Improvements	4"	5	
852	Pine	Remove	General Site Improvements	5"	5	
853	Pine	Remove	General Site Improvements	6"	5	
854	Pine	Remove	General Site Improvements	5"	5	
855	Pine	Remove	General Site Improvements	5"	5	
856	Pine	Remove	General Site Improvements	4"	5	
857	Pine	Remove	General Site Improvements	4"	5	
858	Pine	Remove	General Site Improvements	4"	5	
859	Pine	Remove	General Site Improvements	4"	5	
860	Pine	Remove	General Site Improvements	5"	5	
861	Pine	Remove	General Site Improvements	4"	5	
862	Pine	Remove	General Site Improvements	5"	5	
863	Pine	Remove	General Site Improvements	5"	5	
864	Pine	Remove	General Site Improvements	5"	5	
865	Pine	Remove	General Site Improvements	4"	4	
866	Pine	Remove	General Site Improvements	4"	5	
867	Pine	Remove	General Site Improvements	5"	5	
868	Pine	Remove	General Site Improvements	4"	5	
869	Pine	Remove	General Site Improvements	5"	5	
870	Pine	Remove	General Site Improvements	5"	5	
871	Pine	Remove	General Site Improvements	5"	5	
872	Pine	Remove	General Site Improvements	4"	5	
873	Pine	Remove	General Site Improvements	4"	5	
874	Pine	Remove	General Site Improvements	4"	5	
875	Pine	Remove	General Site Improvements	4"	5	
876	Pine	Remove	General Site Improvements	4"	5	
877	Pine	Remove	General Site Improvements	5"	5	
878	Pine	Remove	General Site Improvements	5"	5	
879	Pine	Remove	General Site Improvements	5"	5	
880	Pine	Remove	General Site Improvements	5"	5	
881	Pine	Remove	General Site Improvements	4"	5	
882	Pine	Remove	General Site Improvements	5"	5	
883	Oak	Remove	General Site Improvements	4"	5	
884	Juniper	Remove	General Site Improvements	4"	5	
885	Pine	Remove	General Site Improvements	5"	5	
886	Pine	Remove	General Site Improvements	5"	3	
887	Pine	Remove	General Site Improvements	5"	3	
888	Pine	Remove	General Site Improvements	5"	5	
889	Pine	Remove	General Site Improvements	8"	5	
890	Pine	Remove	General Site Improvements	6"	5	
891	Pine	Remove	General Site Improvements	4"	5	
892	Pine	Remove	General Site Improvements	4"	5	
893	Pine	Remove	General Site Improvements	4"	3	
894	Pine	Remove	General Site Improvements	5"	5	
895	Pine	Remove	General Site Improvements	4"	5	
896	Pine	Remove	General Site Improvements	4"	5	
897	Pine	Remove	General Site Improvements	4"	5	
898	Pine	Remove	General Site Improvements	6"	5	

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
899	Pine	Remove	General Site Improvements	4"	5	
900	Pine	Remove	General Site Improvements	4"	5	
901	Pine	Remove	General Site Improvements	5"	5	
902	Pine	Remove	General Site Improvements	4"	5	
903	Pine	Remove	General Site Improvements	5"	5	
904	Pine	Remove	General Site Improvements	5"	5	
905	Pine	Remove	General Site Improvements	5"	5	
906	Pine	Remove	General Site Improvements	4"	5	
907	Pine	Remove	General Site Improvements	6"	5	
908	Pine	Remove	General Site Improvements	6"	5	
909	Pine	Remove	General Site Improvements	6"	5	
910	Pine	Remove	General Site Improvements	6"	5	
911	Pine	Remove	General Site Improvements	5"	5	
912	Pine	Remove	General Site Improvements	6"	5	
913	Pine	Remove	General Site Improvements	8"	5	
914	Pine	Remove	General Site Improvements	5"	5	
915	Pine	Remove	General Site Improvements	7"	5	
916	Pine	Remove	General Site Improvements	5"	5	
917	Spruce	Remove	General Site Improvements	4"	5	
918	Cottonwood	Remove	General Site Improvements	11"	5	
919	Cottonwood	Remove	General Site Improvements	9"	5	
920	Cottonwood	Remove	General Site Improvements	10"	5	Multi-Trunk: 10", 8", 6", 6" & 6"
921	Cottonwood	Remove	General Site Improvements	9"	4	
922	Cottonwood	Remove	General Site Improvements	10"	4	Multi-Trunk: 10", 8", 6" & 4"
923	Cottonwood	Remove	General Site Improvements	9"	3	Multi-Trunk: 9", 8" & 5"
924	Cottonwood	Remove	General Site Improvements	10"	3	Multi-Trunk: 10" & 10"
925	Cottonwood	Remove	General Site Improvements	10"	5	Multi-Trunk: 10" & 6"
926	Cottonwood	Remove	General Site Improvements	12"	5	
927	Spruce	Remove	General Site Improvements	16"	5	
928	Pine	Remove	General Site Improvements	8"	5	
929	Spruce	Remove	General Site Improvements	14"	5	
930	Spruce	Remove	General Site Improvements	10"	5	
931	Spruce	Remove	General Site Improvements	10"	5	
932	Spruce	Remove	General Site Improvements	7"	5	
933	Spruce	Remove	General Site Improvements	9"	5	
934	Spruce	Remove	General Site Improvements	9"	5	
935	Spruce	Remove	General Site Improvements	9"	5	Multi-Trunk: 9" & 9"
936	Spruce	Remove	General Site Improvements	8"	5	
937	Juniper	Remove	General Site Improvements	5"	5	
938	Spruce	Remove	General Site Improvements	17"	5	Multi-Trunk: 17" & 14"
939	Juniper	Remove	General Site Improvements	5"	5	Multi-Trunk: 5" & 5"
940	Spruce	Remove	General Site Improvements	8"	5	
941	Spruce	Remove	General Site Improvements	8"	5	
942	Spruce	Remove	General Site Improvements	12"	5	
943	Spruce	Remove	General Site Improvements	6"	3	
944	Spruce	Remove	General Site Improvements	12"	5	
945	Spruce	Remove	General Site Improvements	12"	5	Multi-Trunk: 12" & 8"
946	Spruce	Remove	General Site Improvements	12"	4	Multi-Trunk: 12" & 10"
947	Spruce	Remove	General Site Improvements	6"	2	Multi-Trunk: 6" & 5"
948	Spruce	Remove	General Site Improvements	10"	5	Multi-Trunk: 10" & 8"
949	Pine	Remove	General Site Improvements	7"	5	
950	Spruce	Remove	General Site Improvements	8"	5	Multi-Trunk: 8", 7", 6" & 4"
951	Spruce	Remove	General Site Improvements	16"	5	Multi-Trunk: 16" & 9"
952	Spruce	Remove	General Site Improvements	13"	5	
953	Spruce	Remove	General Site Improvements	12"	5	
954	Spruce	Remove	General Site Improvements	14"	5	Multi-Trunk: 14" & 12"
955	Spruce	Remove	General Site Improvements	13"	5	Multi-Trunk: 13" & 8"
956	Spruce	Remove	General Site Improvements	16"	5	
957	Spruce	Remove	General Site Improvements	10"	5	
958	Spruce	Remove	General Site Improvements	9"	5	Multi-Trunk: 9" & 7"
959	Spruce	Remove	General Site Improvements	8"	5	
960	Spruce	Remove	General Site Improvements	10"	5	
961	Spruce	Remove	General Site Improvements	6"	5	
962	Pine	Remove	General Site Improvements	10"	5	Multi-Trunk: 10" & 6"
963	Juniper	Remove	General Site Improvements	4"	5	
964	Spruce	Remove	General Site Improvements	8"	5	Multi-Trunk: 8" & 4"
965	Pine	Remove	General Site Improvements	6"	5	
966	Pine	Remove	General Site Improvements	6"	5	
967	Pine	Remove	General Site Improvements	4"	5	
968	Pine	Remove	General Site Improvements	6"	5	

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
969	Pine	Remove	General Site Improvements	4"	5	
970	Pine	Remove	General Site Improvements	6"	5	
971	Pine	Remove	General Site Improvements	6"	5	
972	Pine	Remove	General Site Improvements	6"	5	
973	Pine	Remove	General Site Improvements	6"	5	
974	Pine	Remove	General Site Improvements	4"	5	
975	Pine	Remove	General Site Improvements	6"	5	
976	Pine	Remove	General Site Improvements	5"	5	
977	Pine	Remove	General Site Improvements	5"	5	
978	Pine	Remove	General Site Improvements	6"	5	
979	Pine	Remove	General Site Improvements	4"	5	
980	Pine	Remove	General Site Improvements	5"	5	
981	Pine	Remove	General Site Improvements	6"	5	
982	Pine	Remove	General Site Improvements	4"	5	
983	Pine	Remove	General Site Improvements	5"	5	
984	Pine	Remove	General Site Improvements	4"	5	
985	Pine	Remove	General Site Improvements	4"	2	
986	Pine	Remove	General Site Improvements	5"	5	
987	Pine	Remove	General Site Improvements	5"	5	
988	Pine	Remove	General Site Improvements	8"	5	
989	Pine	Remove	General Site Improvements	6"	5	
990	Pine	Remove	General Site Improvements	5"	5	
991	Pine	Remove	General Site Improvements	4"	5	
992	Pine	Remove	General Site Improvements	4"	5	
993	Pine	Remove	General Site Improvements	4"	5	
994	Pine	Remove	General Site Improvements	5"	5	
995	Pine	Remove	General Site Improvements	4"	5	
996	Pine	Remove	General Site Improvements	5"	5	
997	Pine	Remove	General Site Improvements	4"	5	
998	Pine	Remove	General Site Improvements	5"	5	
999	Juniper	Remove	General Site Improvements	4"	5	
1000	Juniper	Remove	General Site Improvements	4"	5	
1001	Pine	Remove	General Site Improvements	5"	5	
1002	Juniper	Remove	General Site Improvements	4"	5	
1003	Pine	Remove	General Site Improvements	8"	5	
1004	Pine	Remove	General Site Improvements	7"	5	
1005	Pine	Remove	General Site Improvements	4"	5	
1006	Pine	Remove	General Site Improvements	5"	5	
1007	Pine	Remove	General Site Improvements	8"	5	
1008	Pine	Remove	General Site Improvements	5"	5	
1009	Pine	Remove	General Site Improvements	6"	5	
1010	Pine	Remove	General Site Improvements	5"	5	
1011	Pine	Remove	General Site Improvements	5"	5	
1012	Pine	Remove	General Site Improvements	7"	5	
1013	Pine	Remove	General Site Improvements	7"	5	
1014	Pine	Remove	General Site Improvements	6"	5	
1015	Pine	Remove	General Site Improvements	6"	5	
1016	Pine	Remove	General Site Improvements	5"	5	
1017	Pine	Remove	General Site Improvements	6"	5	
1018	Pine	Remove	General Site Improvements	4"	5	
1019	Pine	Remove	General Site Improvements	6"	5	
1020	Pine	Remove	General Site Improvements	5"	3	
1021	Pine	Remove	General Site Improvements	5"	5	
1022	Pine	Remove	General Site Improvements	6"	5	
1023	Pine	Remove	General Site Improvements	7"	5	
1024	Pine	Remove	General Site Improvements	5"	5	
1025	Pine	Remove	General Site Improvements	5"	5	
1026	Pine	Remove	General Site Improvements	6"	5	
1027	Pine	Remove	General Site Improvements	5"	5	
1028	Pine	Remove	General Site Improvements	4"	5	
1029	Pine	Remove	General Site Improvements	4"	5	
1030	Pine	Remove	General Site Improvements	4"	5	
1031	Pine	Remove	General Site Improvements	4"	5	
1032	Pine	Remove	General Site Improvements	5"	5	
1033	Pine	Remove	General Site Improvements	6"	5	
1034	Pine	Remove	General Site Improvements	5"	5	
1035	Pine	Remove	General Site Improvements	6"	5	
1036	Pine	Remove	General Site Improvements	5"	5	
1037	Pine	Remove	General Site Improvements	5"	5	
1038	Pine	Remove	General Site Improvements	7"	5	

Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
1039	Pine	Remove	General Site Improvements	5"	5	
1040	Pine	Remove	General Site Improvements	6"	5	
1041	Pine	Remove	General Site Improvements	6"	3	
1042	Pine	Remove	General Site Improvements	6"	5	
1043	Pine	Remove	General Site Improvements	4"	5	
1044	Pine	Remove	General Site Improvements	4"	5	
1045	Pine	Remove	General Site Improvements	5"	5	
1046	Pine	Remove	General Site Improvements	5"	5	
1047	Pine	Remove	General Site Improvements	5"	5	
1048	Pine	Remove	General Site Improvements	4"	5	
1049	Pine	Remove	General Site Improvements	6"	5	
1050	Pine	Remove	General Site Improvements	4"	5	
1051	Pine	Remove	General Site Improvements	7"	5	
1052	Pine	Remove	General Site Improvements	4"	5	
1053	Pine	Remove	General Site Improvements	5"	5	
1054	Pine	Remove	General Site Improvements	4"	5	
1055	Pine	Remove	General Site Improvements	5"	5	
1056	Pine	Remove	General Site Improvements	5"	5	
1057	Pine	Remove	General Site Improvements	7"	5	
1058	Pine	Remove	General Site Improvements	4"	5	
1059	Pine	Remove	General Site Improvements	5"	5	
1060	Pine	Remove	General Site Improvements	4"	5	
1061	Pine	Remove	General Site Improvements	6"	5	
1062	Pine	Remove	General Site Improvements	4"	3	
1063	Pine	Remove	General Site Improvements	6"	5	
1064	Pine	Remove	General Site Improvements	4"	5	
1065	Pine	Remove	General Site Improvements	5"	5	
1066	Pine	Remove	General Site Improvements	4"	5	
1067	Pine	Remove	General Site Improvements	6"	5	
1068	Pine	Remove	General Site Improvements	4"	5	
1069	Pine	Remove	General Site Improvements	4"	5	
1070	Pine	Remove	General Site Improvements	4"	5	
1071	Pine	Remove	General Site Improvements	4"	5	
1072	Pine	Remove	General Site Improvements	5"	5	
1073	Pine	Remove	General Site Improvements	4"	5	
1074	Pine	Remove	General Site Improvements	4"	5	
1075	Pine	Remove	General Site Improvements	5"	5	
1076	Pine	Remove	General Site Improvements	6"	5	
1077	Pine	Remove	General Site Improvements	4"	5	
1078	Pine	Remove	General Site Improvements	5"	5	
1079	Pine	Remove	General Site Improvements	6"	5	
1080	Pine	Remove	General Site Improvements	7"	5	
1081	Pine	Remove	General Site Improvements	6"	5	
1082	Pine	Remove	General Site Improvements	6"	5	
1083	Pine	Remove	General Site Improvements	6"	5	
1084	Pine	Remove	General Site Improvements	4"	5	
1085	Pine	Remove	General Site Improvements	4"	5	
1086	Pine	Remove	General Site Improvements	6"	5	
1087	Pine	Remove	General Site Improvements	4"	5	
1088	Pine	Remove	General Site Improvements	6"	5	Multi-Trunk: 6" & 5"
1089	Pine	Remove	General Site Improvements	4"	5	
1090	Pine	Remove	General Site Improvements	5"	5	
1091	Pine	Remove	General Site Improvements	5"	5	
1092	Pine	Remove	General Site Improvements	4"	5	
1093	Pine	Remove	General Site Improvements	7"	5	
1094	Pine	Remove	General Site Improvements	4"	5	
1095	Pine	Remove	General Site Improvements	4"	5	
1096	Pine	Remove	General Site Improvements	5"	5	
1097	Pine	Remove	General Site Improvements	6"	5	
1098	Pine	Remove	General Site Improvements	4"	5	
1099	Pine	Remove	General Site Improvements	7"	5	
1100	Pine	Remove	General Site Improvements	6"	5	
1101	Pine	Remove	General Site Improvements	6"	5	
1102	Pine	Remove	General Site Improvements	6"	5	
1103	Pine	Remove	General Site Improvements	5"	5	
1104	Pine	Remove	General Site Improvements	7"	5	
1105	Pine	Remove	General Site Improvements	6"	5	
1106	Pine	Remove	General Site Improvements	5"	5	
1107	Pine	Remove	General Site Improvements	6"	5	
1108	Pine	Remove	General Site Improvements	6"	5	

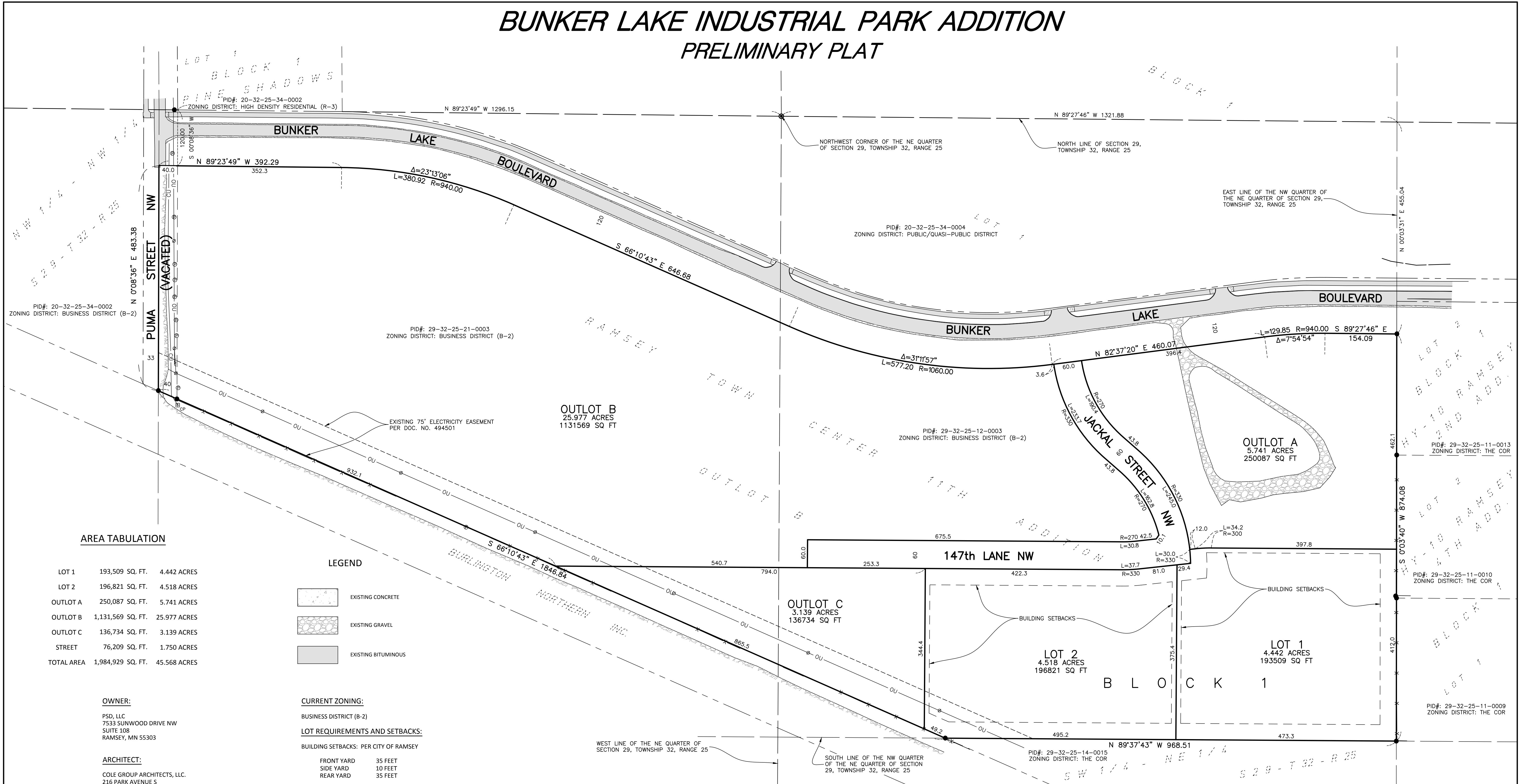
Tree ID	Tree Type	Remove/Preserve	Reason for Removal	Size (DBH)	Condition	Notes
1109	Pine	Remove	General Site Improvements	6"	5	
1110	Pine	Remove	General Site Improvements	6"	5	
1111	Pine	Remove	General Site Improvements	6"	5	
1112	Pine	Remove	General Site Improvements	6"	5	
1113	Pine	Remove	General Site Improvements	5"	5	
1114	Pine	Remove	General Site Improvements	5"	5	
1115	Pine	Remove	General Site Improvements	6"	5	
1116	Pine	Remove	General Site Improvements	6"	5	
1117	Pine	Remove	General Site Improvements	6"	5	
1118	Pine	Remove	General Site Improvements	4"	5	
1119	Pine	Remove	General Site Improvements	5"	5	
1120	Pine	Remove	General Site Improvements	5"	5	
1121	Pine	Remove	General Site Improvements	6"	5	
1122	Pine	Remove	General Site Improvements	4"	5	
1123	Pine	Remove	General Site Improvements	4"	5	
1124	Pine	Remove	General Site Improvements	6"	5	
1125	Pine	Remove	General Site Improvements	6"	5	
1126	Pine	Remove	General Site Improvements	6"	5	
1127	Pine	Remove	General Site Improvements	6"	5	
1128	Pine	Remove	General Site Improvements	4"	3	
1129	Pine	Remove	General Site Improvements	4"	5	
1130	Pine	Remove	General Site Improvements	4"	5	
1131	Pine	Remove	General Site Improvements	6"	5	
1132	Pine	Remove	General Site Improvements	7"	5	
1133	Pine	Remove	General Site Improvements	4"	5	
1134	Pine	Remove	General Site Improvements	4"	5	
1135	Pine	Remove	General Site Improvements	6"	5	
1136	Pine	Remove	General Site Improvements	4"	5	
1137	Pine	Remove	General Site Improvements	6"	5	
1138	Pine	Remove	General Site Improvements	6"	4	
1139	Pine	Remove	General Site Improvements	6"	5	
1140	Pine	Remove	General Site Improvements	4"	5	
1141	Pine	Remove	General Site Improvements	5"	5	
1142	Pine	Remove	General Site Improvements	4"	5	
1143	Pine	Remove	General Site Improvements	5"	5	
1144	Pine	Remove	General Site Improvements	4"	5	
1145	Pine	Remove	General Site Improvements	4"	5	

### On-Site Tree Summary

Sub-Total Significant Trees (DBH) (Inches) for Removal	6,741"
30% Multiplier	0.3
Total Significant Trees DBH	2,022"
125% Replacement Multiplier	1.25

<b>Total Tree DBH Replacement Required</b>	<b>2,528"</b>
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# BUNKER LAKE INDUSTRIAL PARK ADDITION PRELIMINARY PLAT



### AREA TABULATION

LOT 1	193,509 SQ. FT.	4.442 ACRES
LOT 2	196,821 SQ. FT.	4.518 ACRES
OUTLOT A	250,087 SQ. FT.	5.741 ACRES
OUTLOT B	1,131,569 SQ. FT.	25.977 ACRES
OUTLOT C	136,734 SQ. FT.	3.139 ACRES
STREET	76,209 SQ. FT.	1.750 ACRES
<b>TOTAL AREA</b>	<b>1,984,929 SQ. FT.</b>	<b>45.568 ACRES</b>

### LEGEND

	EXISTING CONCRETE
	EXISTING GRAVEL
	EXISTING BITUMINOUS

### CURRENT ZONING:

BUSINESS DISTRICT (B-2)

### LOT REQUIREMENTS AND SETBACKS:

BUILDING SETBACKS: PER CITY OF RAMSEY	
FRONT YARD	35 FEET
SIDE YARD	10 FEET
REAR YARD	35 FEET

### LEGAL DESCRIPTION:

Outlot B, ALPHA DEVELOPMENT, according to the recorded plat thereof, Anoka County, Minnesota.

AND

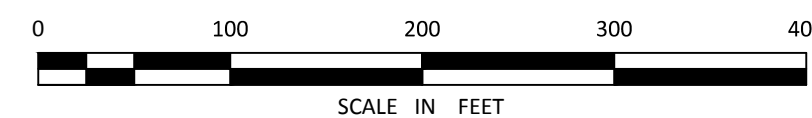
That part of Puma Street NW, as dedicated and delineated on ALPHA DEVELOPMENT, according to the recorded plat thereof, Anoka County, Minnesota lying south of the westerly extension of the southerly right of way of Bunker Lake Boulevard as dedicated and delineated on said plat of ALPHA DEVELOPMENT.

### SURVEYOR'S 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 Land Surveyor under the laws of the State of Minnesota.

Russell O. Halverson  
License Number 41813

07/06/2017  
Date



Adjacent landowners address and parcel identification number are shown hereon based on Anoka County GIS parcel records.

<b>PRELIMINARY PLAT</b> BUNKER LAKE INDUSTRIAL PARK, RAMSEY, MINNESOTA		OUTLOT B, ALPHA DEVELOPMENT ANOKA COUNTY, MINNESOTA
<b>BOLTON &amp; MENK</b>		7533 SUNWOOD DR NW, SUITE 206 RAMSEY, MINNESOTA 55303 (763) 433-2851
JOB NUMBER: R16.113129    FIELD BOOK:		FOR: PSD, LLC
DRAWN BY: ALH		

**CITY OF RAMSEY LAND USE APPLICATION**  
**TECHNICAL REVIEW FILE**

<b>DATE</b>	JULY 14, 2017	<b>PROJECT ADDRESS</b>	TBD
<b>PROJECT. TITLE</b>	BUNKER LAKE BUSINESS PARK		
<b>ESCROW #</b>	115749		
<b>DEPARTMENT:</b>	Community Development: Planning Division (Landscape Plan & Environmental Resources)		
<b>TECHNICAL REVIEWER:</b>	Name: Chris Anderson, City Planner Phone: 763-433-9817 Email: <a href="mailto:canderson@cityoframsey.com">canderson@cityoframsey.com</a>		

We offer the following comments regarding the Tree Inventory and Preservation Plan and the Landscape Concept Plan, both prepared by Bolton & Menk and dated July 6, 2017:

The City’s Natural Resources Inventory (NRI) does not identify any significant natural areas in the vicinity of the project. The Minnesota Land Cover Classification System (MLCCS) identifies the entire project area as dry grassland land cover type. There are several areas or pockets of significant trees (as defined in City Code) on site, generally consisting of spruce, pine, and elm (Siberian). However, based on the necessary grade corrections across the roughly forty-five (45) acres, all existing tree cover is proposed to be removed. This exceeds the allowable removal threshold (need to retain thirty percent [30%] of existing DBH) and will result in reforestation at a rate of 1.25 inches for every one (1) inch removed in excess of the threshold or \$125 per inch paid into the Community Forestry Fund (or some combination thereof).

The Developer and City will need to memorialize an agreement as to how and when the required inches of reforestation will be addressed. This could either be address now with the initial development of Lots 1 & 2 or could potentially be ‘assigned’ to the future development of the lots to the west. Note that the base landscaping required does count toward the reforestation requirements.

Base on the submitted plans, 2,528 inches of new trees are required to satisfy the reforestation standard (again, across the entire forty-five [45] acres). The base landscaping requirements can be applied toward the reforestation. The base landscaping requirements are determined by the linear feet of the site perimeter or the square footage of each building, whichever is greater, along with the total number of proposed parking stalls. This project is unique in the sense that multiple lots are being created and prepared to a ‘pad ready’ condition and landscaping is proposed not only internal to the lots being developed, but also along the public roads being constructed and along Bunker Lake Blvd (existing road), both of which extend beyond the boundaries of the two lots with improvements. Additional information regarding both the building square footage and linear footage of the site(s) is needed before the base landscaping requirements can be determined. Note that shrubs are also required and are based on these same parameters too (excluding the parking stalls).

Even though more information is needed to determine base landscaping requirements, it seems apparent that additional plantings, both trees and shrubs, need to be incorporated into the two lots that are proposed to be improved with buildings at this time. City Code requires one (1) tree per every fifty (50) lineal feet of site perimeter or 1,000 square feet of building footprint, whichever is greater plus one (1) tree per every ten (10) parking stalls. Additionally, one (1) shrub is required per every thirty lineal feet or 300 square feet of building footprint, whichever is greater. For example, based on the proposed parking for the two lots (309 stalls), at least thirty (30) trees should be provided, which does not even include the required plantings based on perimeter and/or building footprint. There are only about twenty-four (24) trees proposed between the two (2) lots total.

As additional lots are created further west in the future, berming and landscaping will be required along the western boundary of the Subject Property. Detailed information will need to be prepared and submitted when that area is proposed for development.

The project has received approval already for grading and tree clearing work in advance of final approvals. However, that approval did not grant any allowance to deviate from the minimum tree preservation and/or landscaping requirements.

It is Staff's understanding that a landscaped center median was discussed and was to be included. There are no details that indicate any such improvement. Please revise the plans to address this.

### **Required Sheet Revisions**

#### **Landscape Concept Plan**

- Provide building footprint square footage (for each building) and linear footage of Lots 1 and 2 on this sheet.
- Increase quantities in the Tree Planting Schedule or expand to include additional trees to comply with the minimum planting standards.
- There are no proposed shrubs in this plan; expand Tree Planting Schedule to include shrubs to meet the minimum planting standards.
- Shrubs shall be a minimum of twenty-four (24) inches in height or width, depending on the growth characteristics of the species, at the time of planting.
- Add note that specifies that all disturbed areas on Lots 1 and 2 that are not improved with impervious surfacing, excluding pond basins, shall have four (4) inches of topsoil meeting the City's specification applied.
- Add Tree Planting Detail to this sheet.

#### **Sheet C1.04**

- Add City's Topsoil Detail to this sheet.

#### **Tree Preservation Plan Tree Survey**

- Clarify the scale for the condition ranking. Is it a scale of 1-5? 1-10? Is five an indication of healthy or poor condition?

**Environmental Policy Board (EPB)**

**5.3.**

**Meeting Date:** 07/17/2017

**By:** Chris Anderson, Community Development

**Information**

**Title:**

Discuss Potential Zoning Amendment for Solar Improvements

**Purpose/Background:**

Connexus Energy has applied for a Zoning Amendment and a Conditional Use Permit to construct a new solar garden on the property legally described as Lot 3 Block 1 River Crossing Addition (the "Subject Property"). The Subject Property is owned by Anoka County and would be leased by Connexus Energy. When the City contemplated solar energy systems several years ago, the Zoning Code was amended to consider ground or building mounted solar energy systems as a permitted accessory use in any zoning district. However, it did not account for or address the possibility of a solar energy system being the principal use of a property, as would be the case with Connexus' proposal.

Both the current zoning standards for solar energy systems and the information submitted by Connexus are attached for reference. Staff would like to hear any initial feedback the Board may have on a potential Zoning Amendment that would allow for solar energy systems to be a principal use on a property with the issuance of a Conditional Use Permit. A specific Ordinance has not been prepared at this time. Staff has discussed the timing of this project with Connexus Energy and they have agreed to allow this item to proceed to the September Planning Commission meeting (originally was to go to the August meeting) to allow the City sufficient time to contemplate and prepare a Zoning Amendment that not only addresses this request but will hopefully avoid the need for potential future amendments as well.

**Action:**

**Attachments**

Site Location Map

Connexus' Site Layout

Current Zoning Standards for Solar Energy Systems

**Form Review**

**Inbox**

Tim Gladhill  
Form Started By: Chris Anderson  
Final Approval Date: 07/14/2017

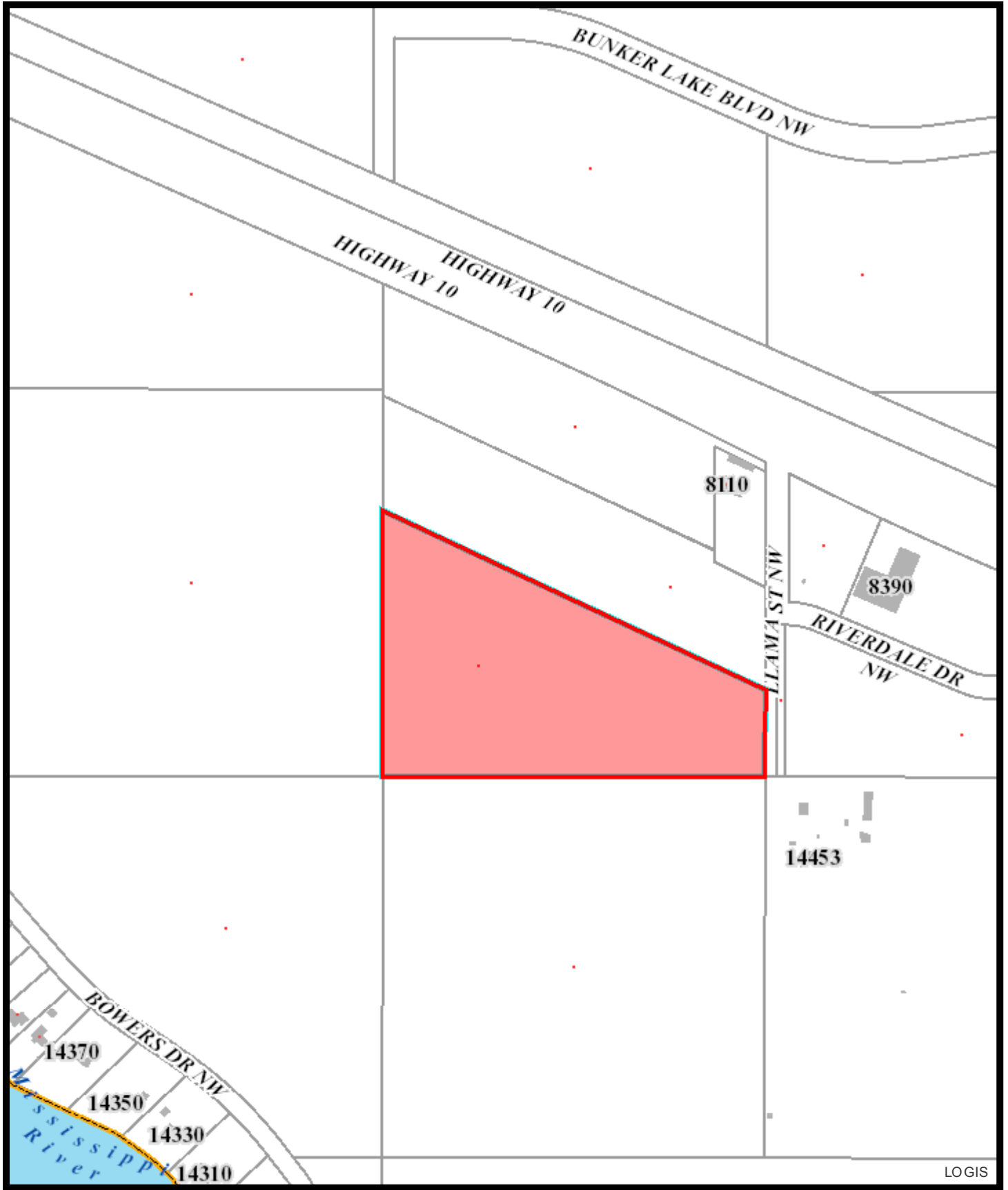
**Reviewed By**

JoAnn Shaw

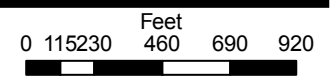
**Date**

07/14/2017 12:17 PM  
Started On: 07/14/2017 11:37 AM

# Site Location Map

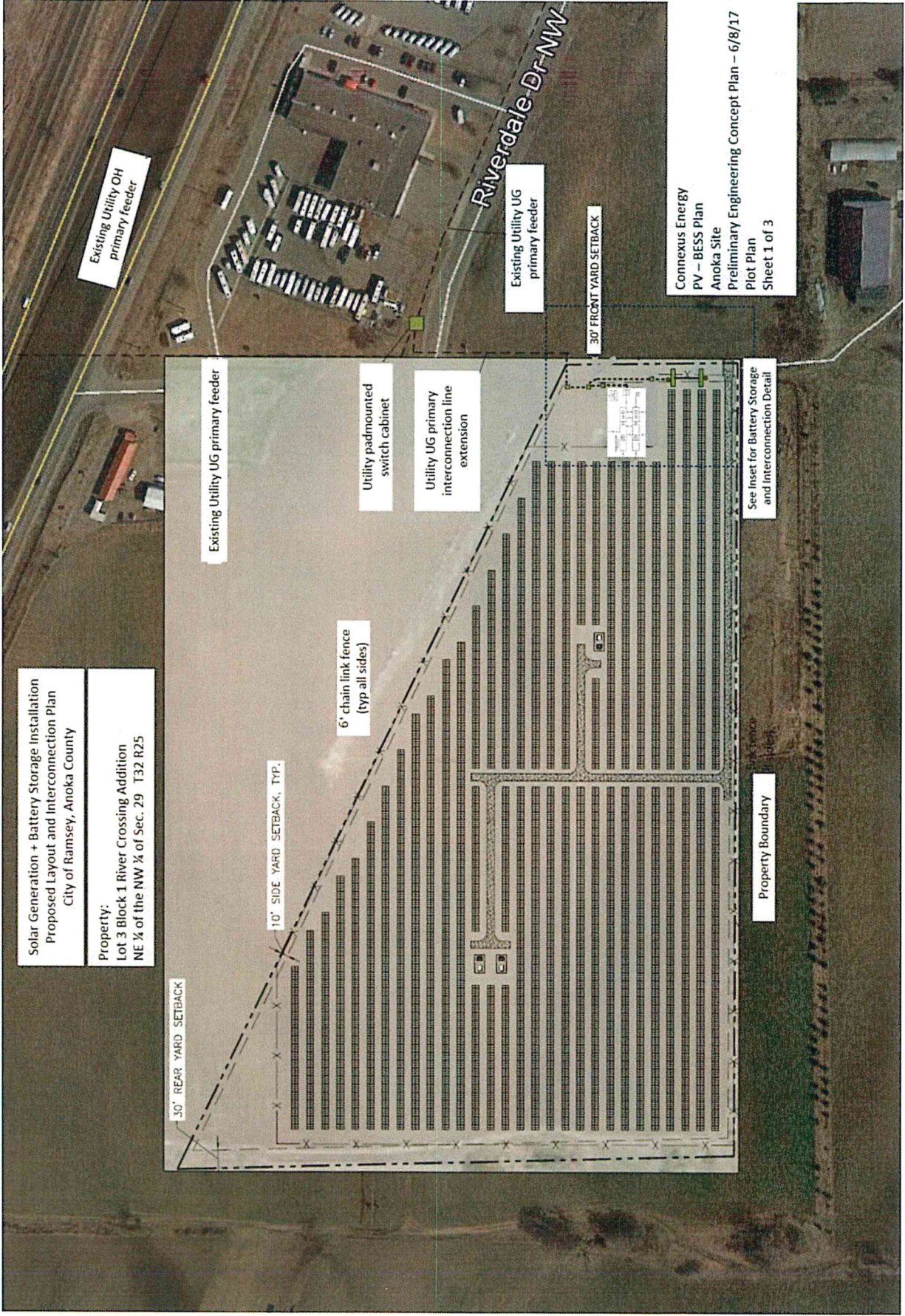


LOGIS



Solar Generation + Battery Storage Installation  
Proposed Layout and Interconnection Plan  
City of Ramsey, Anoka County

Property:  
Lot 3 Block 1 River Crossing Addition  
NE ¼ of the NW ¼ of Sec. 29 T32 R25

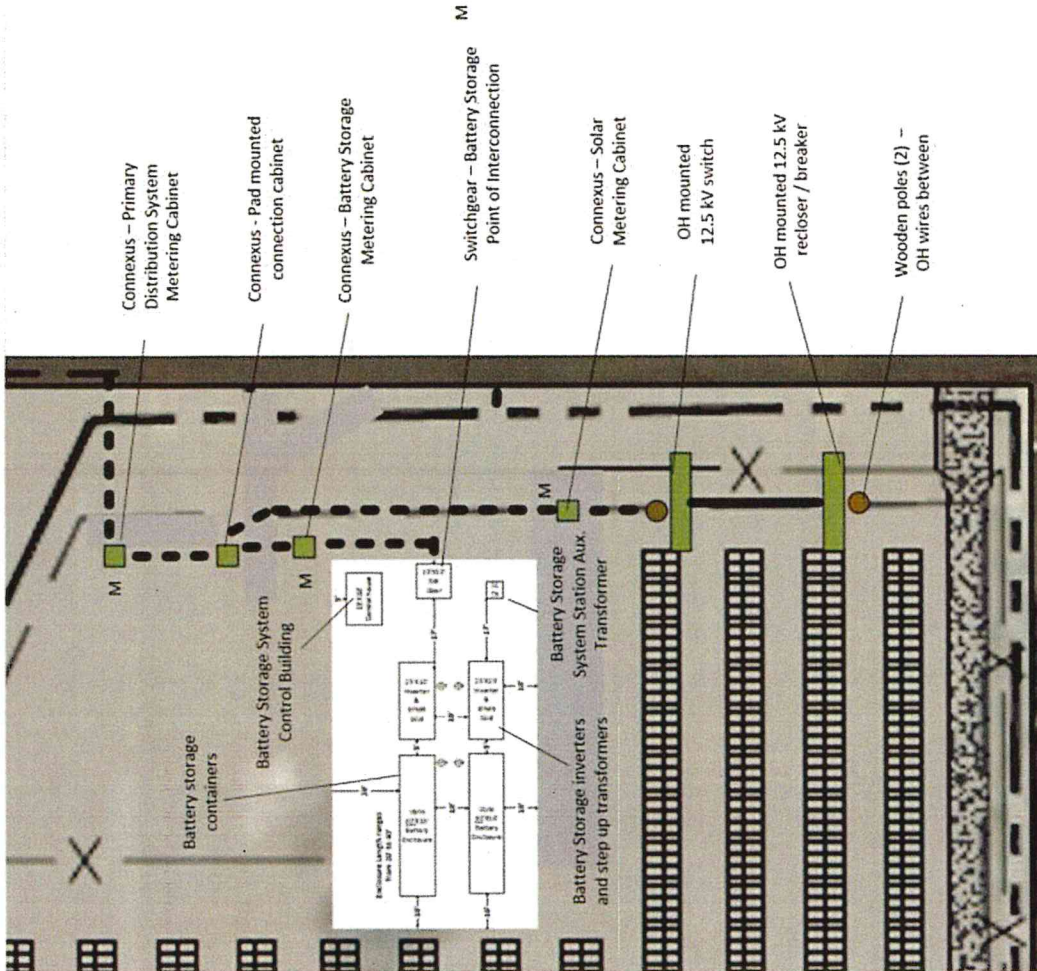


Connexus Energy  
PV - BESS Plan  
Anoka Site  
Preliminary Engineering Concept Plan - 6/8/17  
Plot Plan  
Sheet 1 of 3

Property Boundary

**GENERAL NOTES:**

- Layout as shown is preliminary – actual detailed layout of panel array and placement of interconnection equipment may change as part of detail design.
- Solar panels will be pier mounted fixed access, azimuth at 180 degrees.
- Solar panel maximum height - 15' (based on preliminary information – not vendor specific)
- All setbacks to solar panels shall be located such that the distance to any property line is at least equal to the height of the solar panels at maximum designed tilt.
- All electrical collection lines inside the property shall be underground, except for overhead pole mounted equipment near the point of interconnection as indicated.
- Solar field will be surrounded by 6' chain lockable chain link fence
- Power line extension to interconnect the facility will be buried line along Ulama St
- Connexus Connection Cabinet and Metering Cabinet approximate dimensions:  
5' x 5' footprint, 5' high



Inset from Page 1 – Battery Storage and Interconnection Equipment



Solar Panels – Typical view



Battery containers – Typical view

Sec. 117-430. - Alternative energy systems.

- (c) *Solar energy systems* . In all districts, solar energy systems shall be permitted as an accessory use in accordance with the standards in this section.
- (1) *Exemptions* . Passive or building-integrated solar energy systems are exempt from the requirements of this section and shall be regulated as any other building element.
- (2) *Standards*.
- a. *Location*. Ground-mounted solar energy systems may be permitted in any yard.
1. *In residential districts, the location of ground-mounted solar energy systems shall be in accordance with the accessory building location standards in City Code section 117-349(d)(12).*
- b. *Setbacks*.
1. Ground-mounted solar energy systems shall be located on a property such that the distance to the closest property boundary is at least equal to the height of the solar energy system at its maximum designed tilt.
2. Building-mounted solar energy systems shall comply with all building setbacks in the applicable zoning district and shall not extend beyond the perimeter of the building on which the system is mounted unless the mounting system has been explicitly engineered to safely extend beyond the edge.
3. In residential districts, front, side and rear yard setbacks for ground-mounted solar energy systems shall be in accordance with accessory building setbacks outlined in City Code section 117-111(d).
- c. *Height*.
1. The height of ground-mounted solar energy systems at maximum designed tilt shall not exceed the distance from the nearest property boundary or the maximum allowable building height for the applicable zoning district, whichever is more restrictive.
2. Building-mounted solar energy systems shall comply with the maximum allowable building height for the applicable zoning district.
3. In residential districts, the height of ground-mounted solar energy systems shall be in accordance with accessory building height limitations outlined in City Code section 117-349(d)(6).
- d. *Easements*. Solar energy systems shall not encroach on public drainage, utility, roadway or trail easements.
- e. *Feeder lines*. The electrical collection system shall be placed underground within the interior of each property. The collection system may be placed overhead near substations or points of interconnection to the electric grid.
- f. *Aesthetics*. All solar energy systems shall be designed to blend into the architecture of the building and to minimize glare toward vehicular traffic and adjacent properties to the extent possible without impacting the performance of the system.
- g. *Abandonment*. If a solar energy system remains non-functional or inoperative for a continuous period of one year, the system shall be deemed to be abandoned and shall constitute a public nuisance. The owner shall remove the abandoned system at their expense after obtaining a demolition permit.
- h. *Permits*. A permit(s) shall be obtained for any solar energy system in accordance with Minnesota State Building Code prior to installation.

- i. *Glare*. The panels of ground mounted solar energy systems shall be placed and arranged such that reflected solar radiation or glare shall not be directed onto adjacent buildings, properties or roadways.
  - 1. Prior to the issuance of a permit for a ground mounted solar energy system in a residential district or on a property abutting a residential district, the permit applicant must provide an analysis demonstrating that the ground mounted system will not impact aesthetics of adjacent residential properties due to glare.