

City of Ramsey
Agenda
Environmental Policy Board (EPB)
Monday, January 13, 2020
6:30 pm
Council Chambers, 7550 Sunwood Drive NW

- 1. Call to Order**
- 2. Citizen Input**
- 3. Approve Agenda**
- 4. Approve Minutes**
 1. Approve Meeting Minutes Dated December 16, 2019
- 5. Policy Board Business**
 1. Update on Multiple Water Treatment Studies
 2. Overview of Framework for Water Efficiency Grant Program
 3. Minnesota Department of Agriculture Presentation on Emerald Ash Borer (EAB)
 4. Review Landscape Plan for Amended Preliminary Plat of Riverstone Addition
- 6. Board/Staff Input**
- 7. Adjournment**

Environmental Policy Board (EPB)

4. 1.

Meeting Date: 01/13/2020

By: Chris Anderson, Community
Development

Information

Title:

Approve Meeting Minutes Dated December 16, 2019

Action:

Attachments

Meeting Minutes Dated December 16, 2019

Form Review

Inbox

Tim Gladhill

Form Started By: Chris Anderson

Final Approval Date: 01/09/2020

Reviewed By

Tim Gladhill

Date

01/09/2020 02:18 PM

Started On: 01/08/2020 03:26 PM

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

On Monday, December 16, 2019, the Environmental Policy Board (EPB) met in the Council Chambers at the Ramsey Municipal Center, 7550 Sunwood Drive N.W., Ramsey, Minnesota.

Members Present: Chairperson Michael Valentine
 Board Member Reid Bernard
 Board Member Jane Covart
 Board Member Melissa Fetterley
 Board Member Michael Hiatt
 Board Member Laura Moore (arrived at 6:31 p.m.)

Members Absent: None

Also Present: City Planner Chris Anderson
 City Council Liaison Debra Musgrove

1. CALL TO ORDER

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

2. CITIZEN INPUT

None.

3. APPROVE AGENDA

Motion by Board Member Covart and seconded by Board Member Fetterley, to approve the agenda as submitted.

Motion carried. Voting Yes: Chairperson Valentine, Board Member Covart, Fetterley, Bernard, and Hiatt. Voting No: None. Absent: Board Member Moore.

4. APPROVE MINUTES

4.01: Approve Meeting Minutes Dated November 18, 2019

Motion by Board Member Hiatt and seconded by Board Member Bernard to approve the regular meeting minutes dated November 18, 2019.

Motion carried. Voting Yes: Chairperson Valentine, Board Member Hiatt, Bernard, Covart, and Fetterley. Voting No: None. Absent: Board Member Moore.

Board Member Moore arrived at 6:31 p.m.

5. POLICY BOARD BUSINESS

5.01: Consider Landscape Plan and Natural Resources Aspects for Garden View Villas

City Planner Anderson presented the staff report. He stated that the City has received an application for Preliminary Plat and Site Plan review of a proposed residential development located north of 147th Lane and east of Center Street. The subject property is zoned R-2 Residential (medium density) and consists of 23 detached townhome units. The Minnesota Land Cover Classification System identifies two land cover types on the subject property, dry grassland and wetland. However, the City's Natural Resources Inventory further classifies both as altered/non-native plant communities. There is some built in protection for the wetland in the form of the required 16.5-foot setback encumbered with drainage and utility easement, which is shown on the Site Plan. It appears that just beyond this setback is a proposed five-foot-tall retaining wall. He provided additional details on tree preservation, landscaping, and density transitioning.

Board Member Covart referenced the native grass planting area and asked if staff would recommend a berm or hedging.

City Planner Anderson stated that he would recommend continuing with sod in that area near the road and identified another area, not adjacent a public road, where native seed mix could be utilized. He explained that without an active management plan native mixes can appear unkept. He confirmed that he would recommend keeping the trees planned along the roadway and would simply replace the native seed mix with sod in that area.

City Councilmember Musgrove asked how the overall landscaping plan would work with a homeowner's association.

City Planner Anderson stated that it is the understanding of staff that the landscaping would be managed by the homeowner's association. He explained that the homeowner's association would be responsible for all of the landscaped areas, including turf areas, trees, shrubs and native areas. He provided additional input on the process needed to establish and maintain native planting areas.

Motion by Board Member Hiatt and seconded by Board Member Bernard to recommend approval of the Landscape and Tree Preservation Plans contingent upon compliance with the staff review letter.

Motion carried. Voting Yes: Chairperson Valentine, Board Member Hiatt, Bernard, Covart, Fetterley, and Moore. Voting No: None. Absent: None.

5.02: Consider Possible Amendments for Landscape Requirements in the Employment Districts

City Planner Anderson presented the staff report. He stated that at the November meeting, the Board directed staff to research what some of the peer communities have in terms of landscaping requirements for their industrial areas and how those compare with the current requirements of Ramsey. The landscape standards from Elk River, Andover, Dayton and Coon Rapids were provided in the case. As can be seen, there is a range of approaches that the communities utilize. Staff believes there is some merit in considering amendments to the planting standards in the

Employment Districts, where it is more common to have large buildings accompanied by large parking and maneuvering areas, leaving less areas for a healthy, thriving landscape. However, staff is not ready to provide any specific recommendations. The intention is to simply continue the discussion about potential ideas to improve the landscaping standards while not losing sight of their purpose.

Board Member Hiatt stated that he is curious about applying the canopy cover formula to an industrial site and asked how close that would be to the adjustments approved on the Delta ModTech site.

City Planner Anderson stated that the canopy cover formula may be the way to go but noted that would depend on the species of trees proposed. He noted that with the species proposed, Delta ModTech would have been at roughly 100,000 square feet of canopy cover and would have needed about 150,000 square feet in total. He noted that calculation does not exclude the stormwater pond area. He stated that the site probably would have been somewhat close under the formula if the stormwater pond area was excluded, as plantings are not allowed in that area, and perhaps if different species were chosen. He noted that he could bring additional information back to the Board at a future meeting.

Board Member Hiatt stated that as the City continues to develop in the industrial park it makes sense to review this requirement as the landscaping plan is not realistic for those areas. He believed that the canopy cover formula would provide better guidance for those areas.

City Planner Anderson noted that formula is also not prescriptive in stating a strict number of trees, which provides flexibility based on species. He encouraged the Board to perhaps consider specifying a minimum number of genus' to choose from and a minimum number/percentage of species that could be used to ensure sufficient diversity.

Chairperson Valentine commented that he would like to see a sketch plan example in addition to staff supplying the numbers. He confirmed the consensus of the Board that a visual example would be helpful.

Board Member Hiatt stated that he also likes the idea of including goals and the intent of the policy as that provides additional guidance to the developer. He asked if there are other elements of the policies from other communities that staff feels should be incorporated into the Ramsey policy.

City Planner Anderson stated that he feels that there should be a reduced emphasis on the shrub requirements. He stated that while shrubs soften the façade of the building, he feels that the bulk of the landscaping should be provided through trees, both shade and ornamental. He explained that there are many more benefits provided by trees compared to shrubs, and shrubs are oftentimes removed after a number of years and/or oftentimes replaced with perennial plantings.

Board Member Covart asked how long the trees lives.

City Planner Anderson explained how the tree book was created. He stated that if the trees are well cared for, in a landscaped setting, they could live for over 40 to 50 years. He explained that trees that live for hundreds of years are in natural settings and typically not these developed landscaped areas. He stated that in a poorly maintained boulevard setting he could see the lifespan

reduced to possibly as little as five to ten years. He explained that part of that factor is due to soil volume limitations and salts and other pollutants on roadways.

City Planner Anderson stated that he will use the canopy cover formula as discussed to create a sketch that the Board could review in example. He confirmed the consensus to exclude the stormwater ponding space from the calculation.

5.03: 2020 Environmental Policy Board Meeting Schedule

City Planner Anderson presented the staff report. He stated that at the November Board meeting, staff was directed to prepare the meeting schedule for 2020, which was included in the case. He noted that the regular meeting dates for January and February coincide with Martin Luther King Day and Presidents Day, respectively, and thus, staff has proposed rescheduled dates of January 13th and February 10th. There are no further conflicts with the regular meeting dates in 2020. However, the December meeting, scheduled for December 21st, is the same week as Christmas in 2020. He asked for direction from the Board as to whether this meeting date should be kept as scheduled, rescheduled or canceled.

Chairperson Valentine suggested that the decision for December 2020 meeting be delayed in order to determine if there is a need to hold the meeting.

City Planner Anderson stated that his recommendation would be that if a meeting is needed in December 2020, perhaps that be held one week earlier. He confirmed that the Board could discuss that date when the time is closer. He confirmed the consensus of the Board with the 2020 meeting schedule as proposed.

6. BOARD / STAFF INPUT

- **EAB Confirmed in Ramsey**

City Planner Anderson reported that he was out with Department of Agriculture staff the previous week reviewing an Ash tree in Ramsey and it was confirmed that Emerald Ash Borer (EAB) exists in that tree. He stated that there was a tree several homes down from that tree where EAB may have started. He reported that EAB has therefore been confirmed in Ramsey and he will work with Minnesota Department of Agriculture (MDA) staff on scheduling a presentation on EAB. He stated that when the presentation is provided by the MDA, he will most likely invite the Park and Recreation Commission and City Council to attend the EPB meeting. He stated that Anoka County has been under quarantine for about four years as EAB was discovered in other communities. He stated that staff will send out additional information to residents through upcoming newsletters. He confirmed that a direct mailing would be sent to that specific neighborhood.

7. ADJOURNMENT

Motion by Board Member Fetterley and seconded by Board Member Covart to adjourn the meeting.

The meeting adjourned at 7:26 p.m.

Respectfully submitted,

Chris Anderson
City Planner

ATTEST:

JoAnn Shaw
Community Development Secretary

Drafted by Amanda Staple
TimeSaver Off Site Secretarial, Inc.

Environmental Policy Board (EPB)

5. 1.

Meeting Date: 01/13/2020

By: Chris Anderson, Community Development

Information

Title:

Update on Multiple Water Treatment Studies

Purpose/Background:

In November of 2019, City Staff provided a brief update to the Environmental Policy Board (EPB) that there were multiple water supply system studies underway. Staff noted that in the coming months, the City Engineer offered to attend an EPB meeting to provide further updates and answer any questions the Board may have. City Engineer Bruce Westby will attend the January EPB meeting to provide an update on the two water system supply studies currently in progress. Below are high level summaries of the status of both studies.

Northwest Metro Regional Surface Water Supply Feasibility Study

Short Elliott Hendrickson (SEH, Inc.) is currently studying the feasibility of constructing and operating a regional surface water supply facility in the Northwest Twin Cities Metropolitan area using the Mississippi River as source water. The cities of Corcoran, Dayton, Ramsey and Rogers are members of the study team and are leading the study. The Metropolitan Council is paying for the study using Clean Water Funds. Completion of this study is anticipated by February 2020.

Analyze Source Water, Develop Water Model, and Prepare Preliminary Design Report for Centralized Water Treatment Facility

SEH, Inc. is; a) analyzing the capacity and water chemistry of the groundwater aquifer the City of Ramsey uses for our municipal water supply system, b) developing a computerized model for our water supply system, and c) preparing a preliminary design report for a centralized water treatment facility. This work is being driven by a desire to reduce Manganese concentrations in our groundwater supply to meet new Secondary Health Risk Limits for Manganese as mandated by the Minnesota Department of Health in 2019. Completion of this work is anticipated in May 2020.

Action:

No action is necessary. This is for informational purposes only.

Attachments

No file(s) attached.

Form Review

Inbox

Tim Gladhill

Form Started By: Chris Anderson

Final Approval Date: 01/07/2020

Reviewed By

Tim Gladhill

Date

01/07/2020 02:48 PM

Started On: 01/03/2020 09:57 AM

Meeting Date: 01/13/2020

By: Chris Anderson, Community
Development

Information

Title:

Overview of Framework for Water Efficiency Grant Program

Purpose/Background:

The City of Ramsey has been awarded \$28,000 in grant funds through the Metropolitan Council's 2019-2022 Water Efficiency Grant Program (the "Program") for use in a rebate program. As the name of the Program implies, the purpose of the grant is to implement water efficient technologies to reduce the demand on water supply.

There are two (2) primary financial requirements of the Program. First, the municipality must contribute twenty-five percent (25%) of the grant award, which equates to \$9,340. Second, that rebate recipients must also have a financial contribution (e.g. the grant funds and the City contribution cannot entirely cover the cost of the purchase). Other important eligibility requirements include the rebate recipient being a municipal water customer (this means that anyone on a private well is not eligible), only applicable to replacement devices (meaning that new construction is not eligible), and the rebate is only applicable for the cost of the device and its installation, excluding any owner labor costs.

Observations/Alternatives:

While the funds are provided through the Metropolitan Council via the Clean Water, Land and Legacy Amendment, grant recipients are responsible for developing their own program. Staff from the Engineering, Utilities, Community Development and Administration Departments met to discuss the framework for a rebate program. While it was clear that more efficient irrigation controllers would likely provide the biggest water savings, it was acknowledged that that alone would exclude a number of otherwise eligible property owners (all properties that do not have in-ground irrigation systems). Thus, it was agreed to also consider WaterSense labeled toilets as another option for rebates.

During the summer months, the greatest demand for water comes from irrigation. Therefore, replacement of older, clock-timer irrigation controllers with a WaterSense labeled smart controller is one of the eligible rebate options. Additionally, an irrigation audit, which helps ensure an irrigation system is operating efficiently and accurately, conducted by a WaterSense certified irrigation professional, is another eligible rebate option. If residents take full advantage of this part of the Program, it could result in an estimated savings of approximately 1.3 million gallons of water (based on numbers provided by the Metropolitan Council from the 2015-2017 Water Efficiency Grant Program).

As previously noted, Staff wanted to ensure that any municipal water customer (excluding new construction/new development) had an opportunity to realize both water savings and financial savings. Thus, another option available for those customers is a rebate for the replacement of older toilets with a WaterSense labeled toilet. If residents take full advantage of this part of the Program, it could result in an estimated savings of 1 million gallons of water (again, based on numbers provided by the Metropolitan Council from the 2015-2017 Water Efficiency Grant Program).

The rebates would be available on a first come first served basis, as long as funds last (or until the close of the program, which is June 30, 2022). Rebates for an individual device can be up to \$200, and cumulatively, shall not exceed \$500 per metered water supply customer. The water supply customer shall be responsible for the sales tax on the device, thus satisfying the requirement that they have a financial investment in the upgrade.

There is a wide range of price points for qualifying devices (both WaterSense labeled smart controllers and toilets). The intention is to incentivize the water efficiency upgrades significantly by having the rebate cover as much of the device cost as possible but also attempt to spread the rebates out across a number of households. There are a number of these devices that could be entirely covered by the rebate amount; however, there are also eligible devices that greatly exceed the rebate maximum. Thus, the cap on the rebate amount will help spread the funds out to benefit more property owners.

Administration of the rebate program will be coordinated by the Community Development and Engineering Departments, but will also include Finance Staff as well for issuance of the rebates. Per the required Grant Agreement, the City will have to provide quarterly reporting to the Metropolitan Council. Reporting forms will be provided by Metropolitan Council staff and is assumed to include: property address, property type (residential/commercial), device replaced, number of devices, grant amount per device, estimated annual water savings, municipal contribution, and eligible grant amount (rebate amount per device minus municipal contribution).

Alternatives

Alternative 1: Motion to recommend the City Council authorize the execution of the Clean Water Fund Grant Agreement with the Metropolitan Council and accept the \$28,000 Water Efficiency Grant. A Smart Irrigation Rebate Program has been on the Environmental Policy Board's Work Plan since 2017 and in 2019 it was added to the City Council's Strategic Plan. This grant will help accomplish that action from both plans. Furthermore, if this program proves to be valuable and effective, it could serve as a blue print for an expanded program that also includes those on private wells. Staff supports this option.

Alternative 2: Motion to recommend the City Council not execute the Clean Water Fund Grant Agreement and not accept the grant funds. If the City wants to implement any sort of incentive program to reduce the demand on drinking water supply, this action would result in the City fully funding any such program.

Funding Source:

Funding for this program would consist of three sources: \$28,000 from the Water Efficiency Grant from the Metropolitan Council, \$9,340 from the City's Water Fund (this is equivalent to the required 25% municipal contribution), and any rebate participant would cover the sales tax on the purchase of the device (thus satisfying the requirement for the rebate participant to have a financial contribution in the program).

Action:

Motion to recommend the City Council adopt Resolution #20-018 to enter into the Clean Water Fund Grant Agreement with the Metropolitan Council and to accept the \$28,000 grant to implement a water efficiency rebate program.

Attachments

[Metropolitan Council Grant Program Guidelines](#)

[City of Ramsey Application](#)

[Metropolitan Council Grant Acceptance Letter](#)

[Clean Water Fund Grant Agreement](#)

[Resolution #20-018](#)

Form Review

Inbox	Reviewed By	Date
Chris Anderson (Originator)	Chris Anderson	01/08/2020 11:35 AM
Tim Gladhill	Tim Gladhill	01/09/2020 02:47 PM

Form Started By: Chris Anderson
Final Approval Date: 01/09/2020

Started On: 01/03/2020 09:58 AM

Metropolitan Council Water Efficiency Grant Program



Overview

The Metropolitan Council (Council) will implement a water efficiency grant program effective September 30, 2019 to June 30, 2022. Grants will be awarded on a competitive basis to municipalities that manage municipal water systems. The Council will provide 75% of the program cost; the municipality must provide the remaining 25%. Municipalities will use the combined Council and municipality funds to run their own grant or rebate programs.

Grants will be made available in amounts with a minimum of \$2,000 and a maximum of \$50,000. Grantees will be required to provide estimated water savings achieved through this program for Clean Water, Land & Legacy Amendment reporting purposes.

Legislative Directive - Minnesota 2019 Session Law

\$375,000 the first year and \$375,000 the second year are for the water demand reduction grant program to encourage municipalities in the metropolitan area to implement measures to reduce water demand to ensure the reliability and protection of drinking water supplies. Fiscal year 2020 appropriations are available until June 30, 2021, and fiscal year 2021 appropriations are available until June 30, 2022.

Grant Program Goal

The goal of the water efficiency grant program is to support technical and behavioral changes that improve municipal water use efficiency in the seven-county metropolitan area.

Critical Points to Remember

- The applying municipality must be a water supplier
- New construction and new developments are not eligible
- Funds are for rebates or grants only; consulting and city staff time are ineligible
- Combined Council and municipality funds cannot pay for 100% of an eligible activity's cost
- A portion of each eligible activity's cost must be paid by the property owner
- Grant recipients must display the Clean Water, Land and Legacy Amendment logo and the Metropolitan Council logo on program-related web pages and paper communications

Grant Program Structure: Administration and Funding

The Water Efficiency Grant Program will be administered by Metropolitan Council Environmental Services (MCES) and will be funded with \$750,000 appropriated by the 2019 Minnesota Legislature. Grant applications will be reviewed and ranked by the MCES Water Supply Planning Unit staff.

Grants are only for water efficiency programs offering rebates or grants to property owners who are customers of the municipal water supply system and who replace specified water using devices with approved devices that use substantially less water.

Grants will be awarded to municipalities in amounts ranging from \$2,000 to \$50,000 for providing rebates or grants to property owners. Municipalities will be responsible for the design and operation of their rebate or grant program and its details. Grant payments to the municipality will be for 75% of approved program amounts. The municipality must provide the remaining 25% of the program cost. Municipality rebates or grants are eligible for reimbursement on device replacements conducted September 30, 2019 through June 30, 2022.

Here is an example showing the grant funding design:

Metropolitan Council Grant Amount	\$15,000
Municipality Match	\$5,000
Municipality Grant/Rebate Program Total	\$20,000

Eligibility

Per legislative language, the grant program is limited to municipalities in the seven-county metropolitan area.

Municipalities eligible per above must apply to participate and, if approved, sign a standard Council Grant Agreement, before any eligible rebates or grants can be submitted for reimbursement. Agreements shall require that municipalities:

- Entirely pass through grants received (as is being done by MCES)
- Verify purchase of devices to receive grants
- Retain records and cooperate with any audits
- Conduct all communications with property owners and ensure all written communications to property owners include both the Clean Water, Land and Legacy Amendment and the Metropolitan Council’s logo
- Provide quantitative information for state reporting purposes

Eligible water efficiency devices consist of the following:

- Toilet replacement with a US EPA WaterSense labeled toilet
- Irrigation controller replacement with a US EPA WaterSense labeled controller
- Clothes washing machine replacement with an US DOE Energy Star labeled clothes washing machine
- Irrigation spray sprinkler body replacement with a US EPA WaterSense labeled spray sprinkler body
- Irrigation system audit by an Irrigation Professional certified by a US EPA WaterSense program

Expenses eligible for reimbursement are the out-of-pocket cost of the device and its installation only, not to include any owner labor costs. In addition, new construction and new developments are ineligible, as this program is intended as a current infrastructure replacement program.

Application Process

- Applicants must be municipal water suppliers
- Municipalities will submit MCES supplied application form by September 30, 2019. Required information includes:
 - the municipality’s rebate or grant program design and work plan
 - proposed examples of communications to property owners
 - requested total grant amount
 - estimated annual amount of water saved by the applying municipality

- Application form is available at: <https://metro council.org/Wastewater-Water/Funding-Finance/Available-Funding-Grants.aspx>
- Submit competed application to: brian.davis@metc.state.mn.us
- Metropolitan Council will notify municipalities of grant awards and provide grant agreements by December 2, 2019.

Proposal Selection Criteria

In the event that funds requested exceed funds available, the following criteria will be used to determine the amount granted to a given municipality:

- Municipalities that are supplied 100% with groundwater
- Municipalities with identified water supply issues in Master Water Supply Plan Community Profiles or Local Water Supply Plans
- Municipalities' ratio of peak monthly water use to winter monthly water use
- Municipalities' average residential per capita water use
- The order in which applications are received and until grant funds are completely committed

Funding Process and Reporting Requirements

- Utilizing forms provided by MCES, the following information must be reported on a quarterly basis:
 - Number, type and amount of rebates or grants provided to property owners, along with each property address
 - Estimated annual gallons of water saved per device installation
 - Municipality matching funds disbursed
 - Number of unmet funding requests from property owners, if any
- Upon review and confirmation of the above information, MCES will process a grant payment in the amount of 75% of approved total rebates or grants for the reporting period.
- MCES will provide confirmation of grant balances available upon request and reserves the right to amend grant agreements, in collaboration with grantee municipality, if quarterly reporting indicates rebate or grant programs will not fully utilize grant awards within the grant period.

Qualified Activities

- Toilet replacement with a US EPA WaterSense labeled toilet:
http://www.epa.gov/WaterSense/product_search.html
- Irrigation controller replacement with a US EPA WaterSense labeled controller:
<https://www.epa.gov/watersense/product-search>
- Clothes washing machine replacement with an US DOE Energy Star labeled clothes washing machine:
<https://www.energystar.gov/productfinder/product/certified-clothes-washers/results>
- Irrigation spray sprinkler body replacement with a US EPA WaterSense labeled spray sprinkler body
<https://www.epa.gov/watersense/product-search>
- Irrigation system audit by an Irrigation Professionals certified by a US EPA WaterSense program
<https://www.epa.gov/watersense/find-pro>

Reporting Example

Community	Property Street Address	Property Type	Device Replaced	Cost per Device	# of Devices	Rebate or Grant per Device	Est. Annual Water (Gal) Saved Per Device	Total Rebate or Grant	Municipality Contribution	Eligible Grant Amount
Anytown	652 Silvis St	Residential	Clothes Washer	\$624.60	1	\$150.00	3,000	\$150.00	\$37.50	\$112.50
Anytown	1952 Ingram Way	Residential	Irrigation Controller	\$199.99	1	\$100.00	8,800	\$100.00	\$25.00	\$75.00
Anytown	630 Gibbons Ave	Residential	Clothes Washer	\$599.90	1	\$150.00	3,000	\$150.00	\$37.50	\$112.50
Anytown	4424 Barriger Blvd	Residential	Toilet	\$168.00	1	\$50.00	4,000	\$50.00	\$12.50	\$37.50

Metropolitan Council Water Efficiency Grant Application Form

Applicant Information:

Municipality: _____

Municipal Utility: _____

Mailing Address: _____

Primary Contact Information: Municipality primary authorized representative (all correspondence regarding the Water Efficiency Grant Program should be addressed to individual named below):

NAME: _____

TITLE: _____

STREET: _____

CITY, ZIP: _____

PHONE: _____

EMAIL: _____

Secondary Contact Information: Municipality secondary authorized representative:

NAME: _____

TITLE: _____

STREET: _____

CITY, ZIP: _____

PHONE: _____

EMAIL: _____

Municipal Total Per Capita Water Use (2018): _____ (gallons per person-day)

Municipal Residential Per Capita Water Use (2018): _____ (gallons per person-day)

Municipal Ratio of Peak Month to Winter Month Water Use (2018): _____

Municipality's estimated annual water savings from proposed program: _____ (gallons)

Municipal Utility Grant or Rebate Program Design:

Requested Grant Amount (must equal 75% of total program budget): \$ _____

Required Utility Matching Amount (must equal 25% of total program budget): \$ _____

Will your program be a grant program or rebate program? _____

Estimated Number of Items:

Item	Estimated Number
Toilets	
Irrigation Controllers	
Clothes Washing Machines	
Irrigation Spray Sprinkler Bodies	
Irrigation System Audits	

Project Work Plan and Schedule:*

Task Description	Responsible Person	Start Date	Completion Date

*** Municipal utility may create own project plan and schedule form**

Communications to Property Owners:

How will your program be advertised (check all that apply):

Newsletter _____

Print Media _____

Email _____

Twitter _____

Website _____

Radio _____

Television _____

Facebook _____

Nextdoor _____

Other Social Media _____

Please attach examples of proposed newsletter, print media, or email communications

Critical Points to Remember:

- The applying municipality must be a water supplier
- New construction and new developments are not eligible
- Funds are for rebates or grants only; consulting and city staff time are ineligible
- Combined Council and municipality funds cannot pay for 100% of an eligible activity's cost
- A portion of each eligible activity's cost must be paid by the property owner
- Grant recipients must display the Clean Water, Land and Legacy Amendment logo and the Metropolitan Council logo on program-related web pages and paper communications

Chris Anderson
City Planner
7550 Sunwood Drive NW
Ramsey, MN 55303

November 18, 2019

The Metropolitan Council is pleased to award the city of Ramsey the amount of \$28,000 as part of our 2019-2022 Water Efficiency Grant Program. The amount of matching funds required from your municipality, based on the grant award above, is \$9,340. The city of Ramsey is one of forty in the Twin Cities Metropolitan Area that applied for and was accepted into this grant program. We are pleased to report that all available grant funds have been awarded and that all applicants will receive an award.

The amount of funds requested totaled \$1,393,527, while the amount of funds available is \$787,600. Because funds requested exceed funds available, a set of ranking factors and an objective scoring system were developed to establish a method to distribute the available funds. A committee of three staff members reviewed the applications and developed this ranking and scoring system. If you are interested in learning more about the ranking factors and scoring system, please contact me at brian.davis@metc.state.mn.us and I will send you a detailed description of this process.

Below are some critical points to remember:

- New construction and new developments are not eligible
- Funds are for rebates or grants only; consulting and city staff time are ineligible
- Grant recipients must display the Clean Water, Land and Legacy Amendment logo and the Metropolitan Council logo on all documents which are intended for public use

The Clean Water, Land and Legacy Amendment is available here: <http://www.legacy.leg.mn/legacy-logo/legacy-logo-download>

To obtain electronic and print versions of the Metropolitan Council logo, please contact me at brian.davis@metc.state.mn.us.

As you prepare your municipality's grant or rebate program, please be aware that the following information must be reported on a quarterly basis, on forms to be provided by the Metropolitan Council:

- Number, type and amount of rebates or grants provided to property owners, along with each property address
- Estimated annual gallons of water saved per installation
- Municipality matching funds disbursed
- Number of unmet funding requests from property owners
- Electronically scanned copies of receipts to verify the cost of eligible devices being reported

Reporting forms and instructions will be made available in early 2020 on our website:
<http://www.metrocouncil.org/Wastewater-Water/Funding-Finance/Available-Funding-Grants.aspx>

Quarterly reporting periods and reporting form due dates are shown below.

Quarterly Period	Reporting Form Due Date
Jan. 1, 2020 – March 31, 2020	April 30, 2020
April 1, 2020 – June 30, 2020	July 31, 2020
July 1, 2020 – September 30, 2020	October 31, 2020
October 1, 2020 – December 31, 2020	January 31, 2021
Jan. 1, 2021 – March 31, 2021	April 30, 2021
April 1, 2021 – June 30, 2021	July 31, 2021
July 1, 2021 – September 30, 2021	October 31, 2021
October 1, 2021 – December 31, 2021	January 31, 2022
January 1, 2022 – March 31, 2022	April 30, 2022
April 1, 2022 – June 30, 2022	July 31, 2022

In early December a Grant Agreement will be mailed to your municipality for your signature. Instructions will be provided in that mailing.

Again, congratulations on your grant award. We look forward to working with you to increase the water efficiency of our region.

Sincerely,



Brian M. Davis, Ph.D, P.G., P.E.
Senior Engineer, Water Supply Planning
Phone: 651-602-1519
brian.davis@metc.state.mn.us



**METROPOLITAN COUNCIL
CLEAN WATER FUND GRANT AGREEMENT NO. SG-13467**

This Clean Water Fund Grant Agreement ("Grant Agreement") is entered into between the Metropolitan Council, a public corporation and political subdivision of the State of Minnesota ("Council") and the City of Ramsey, a municipal corporation ("Grantee").

RECITALS

1. Minnesota Session Laws 2019, 1st Special Session, chapter 2, article 2, section 9, appropriated to the Council funds from the Legacy Amendment's Clean Water Fund ("Clean Water Fund") for State fiscal years 2020 and 2021, to establish a water demand reduction grant program that encourages implementation of water demand reduction measures in municipalities in the seven-county metropolitan area.

2. The Council is authorized by Minnesota Statutes sections 473.129, subdivision 4 to apply for and use grants from the State for any Metropolitan Council purpose and may dispose of the money in accordance with the terms of the appropriation.

3. The Grantee is authorized to receive grants from the Clean Water Fund to protect, enhance and restore water quality in lakes, rivers and streams, to protect groundwater from degradation and protect drinking water sources by encouraging implementation of water demand reduction measures by municipalities in the seven-county metropolitan area to ensure reliability and protection of drinking water supplies.

4. On July 10, 2019, the Council authorized the granting of portions of the appropriation to the Grantees participating in the grant program.

5. The Grantee represents that it is duly qualified and agrees to perform all services described in this Grant Agreement to the reasonable satisfaction of the Council.

GRANT AGREEMENT

1. Term of Grant Agreement.

1.1. **Effective Date.** The effective date of this Grant Agreement is the date this agreement is fully executed.

1.2. **Grant Activity Period.** The first day of the month following the Effective Date through and including the expiration date.

1.3. **Expiration Date.** Upon satisfactory fulfillment of obligations, but in no event later than June 30, 2022.

1.4. **Survival of Terms.** The following clauses survive the expiration, termination or cancellation of this Grant Agreement; 9. Liability and Insurance; 10. Audits; 11. Government Data Practices; 13. Data Availability; 14. Governing Law, Jurisdiction and Venues; 16. Data Disclosure; 18. Future Eligibility.

2. Duties, Representations and Warranties of Grantee and Use of Grant Funds.

2.1. The Grantee agrees to conduct, administer and complete in a satisfactory manner and in accordance with the terms and conditions of this Grant Agreement the program ("Grantee Program") which is described in Grantee's application to Council for assistance under the Council's Clean Water Fund grant program. Grantee's application is incorporated into this Grant Agreement as **Exhibit A**. Grantee agrees to perform the Grantee Program in accordance with the timeline in **Exhibit B** of this Grant Agreement and to undertake the financial responsibilities described in **Exhibit B**. The Grantee has the responsibility and obligation to complete the Grantee Program as described in **Exhibit B**. The Council makes no representation or warranties with respect to the success and effectiveness of the Grantee Program. The Council acknowledges that Grantee Program work may be limited to soliciting participation by its residents and businesses in the Grantee Program and requires additional work by the Grantee only to the extent that residents and businesses choose to participate in the Grantee Program, as described in **Exhibit B**.

The Grant Funds must be entirely passed through and can only be used for authorized rebates or grants for qualifying activities.

2.2. Grantee Representations and Warranties. The Grantee represents and warrants to Council, as follows:

A. It has the legal authority to enter into this Grant Agreement and to conduct and administer the Grantee Program and use the Grant Funds for the purpose or purposes described in this Agreement

B. It has taken all actions necessary for its execution of the Agreement and has provided to Council a copy of the resolution by its governing body authorizing Grantee to enter into this Agreement.

C. It has the legal authority to undertake the Clean Water Fund Grant Program, including the Grantee's financial responsibilities in **Exhibit B**

D. As specified in Exhibit A only Grantee's authorized representative may provide certifications required in this Grant Agreement and submit pay claims for reimbursement of Grantee Program costs.

E. It will comply with all the terms of this Agreement.

F. It will comply with all requirements of Clean Water Funding legislation and appropriations, except for requirements that this Grant Agreement explicitly states will be handled by the Council.

G. It has made no material false statement or misstatement of fact in connection with the Grant Funds, and all of the information it has submitted or will submit to the Council relating to the Grant Funds or the disbursement of any of the Grant Funds is and will be true and correct. It agrees that all representations contained in its application for the Clean Water Fund Grant are material representations of fact upon which the Council relied in awarding this Grant and are incorporated into this Agreement by reference.

H. It is not in violation of any provisions of its charter or of the laws of the State of Minnesota, and there are no material actions, suits, or proceedings pending, or to its knowledge threatened, before any judicial body or governmental authority against or affecting it and is not in default with respect to any order, writ, injunction, decree, or demand of any court or any governmental authority which would impair its ability to enter into this Grant Agreement, or to perform any of the acts required of it in the Agreement.

I. Compliance with the requirements of this Grant Agreement is not prevented by, is a breach of, or will result in a breach of, any term, condition, or provision of any agreement to which it is bound.

J. The Grantee Program will not violate any applicable zoning or use statute, ordinance, building code, rule or regulation, or any covenant or agreement of record relating thereto.

K. The Grantee Program will be conducted in full compliance with all applicable laws, statutes, rules, ordinances, and regulations issued by any federal, state, or other political subdivisions having jurisdiction over the Grantee Program.

L. It will comply with the financial responsibility requirements contained in **Exhibit B**.

M. It will furnish satisfactory evidence regarding these representations if requested by the Council.

3. Time.

Grantee must comply with all time requirements described in this Grant Agreement. In the performance of this Grant Agreement, time is of the essence.

4. Eligible Costs.

Eligible costs are those costs incurred by parties within the jurisdiction of the Grantee for 75% of rebate or grant payments as defined in **Exhibit B**. The Council will not reimburse Grantee for non-eligible costs. Any cost not defined as an eligible cost or not included in the Grant Grantee Program or approved in writing by the Council is a non-eligible cost.

5. Consideration and Payment.

5.1 **Consideration.** The Council will reimburse Grantee for eligible costs performed by the Grantee during the Grant Period as specified in this agreement. The Council bears no responsibility for any cost overruns that may be incurred by the Grantee or sub-recipients of any tier. The initial Grant amount to Grantee under this Grant Agreement is \$28,000.00. The Grantee may be eligible to receive additional Grant amounts or an adjustment in Grant amount in accordance with the procedure in the Grant Amendment Form attached and incorporated as **Exhibit C**. Upon signature by both Grantee and Council on **Exhibit C** this Grant is amended by the amount in **Exhibit C**.

5.2. **Advance.** The Council will make no advance of the Grant Amount to Grantee.

5.3. **Payment.** To receive payment, the Grantee must submit a Reimbursement Request/Progress Report on forms provided by the Council, including electronically scanned receipts to verify the cost of eligible devices reported for each reporting period. Reimbursement Request/Progress Reports must be submitted quarterly, even if there are no eligible costs to report. The Grantee must describe its compliance with its the financial requirements, work completed including specific addresses where work was done, and provide sufficient documentation of grant eligible expenditures and any other information the Council reasonably requests. The Council will promptly pay the Grantee after the Grantee presents to the Council a Reimbursement Request/Progress Report and scanned copies of all receipts verifying the cost for all eligible devices reported and the Council's Authorized Representative accepts the invoiced services.

6. Conditions of Payment.

6.1. For each approved device for which Grantee requests payment, Grantee must certify the following to the Council: (1) the device has been purchased ; (2) Grantee received receipts for the device; (3) the purchase was not performed in violation of federal, Council, or local law, or regulation.

6.2. Conditions Precedent to Any Reimbursement Request. The obligation of the Council to make reimbursement payments is subject to the following conditions precedent:

A. The Council's receipt of a Reimbursement Request/Progress Report for the funds requested, and electronic copies of receipts verifying the cost for all eligible devices for that reporting period

B. If requested by the Council (in form and substance acceptable to the Council), evidence that (i) the Grantee has legal authority to and has taken all actions necessary to enter into this Agreement and (ii) this Agreement is binding and enforceable against the Grantee.

C. There is no Event of Default under this Grant Agreement or event which would constitute an Event of Default but for the requirement that notice be given or that a period of grace or time elapse.

D. The Grantee has supplied to the Council all other items that the Council may reasonably require to assure good fiscal oversight of state's funding through the Clean Water Fund.

7. Authorized Representative.

The Council's Authorized Representative is:

Name: Brian Davis or successor
Title: Senior Engineer
Mailing Address: 390 North Robert Street
St. Paul, MN 55101
Phone: 651-602-1519
E-Mail Address: brian.davis@metc.state.mn.us

The Council's Authorized Representative has the responsibility to monitor the Grantee's performance and the authority to accept the services provided under this grant contract. If the services are satisfactory, the Council's Authorized Representative will certify acceptance on each invoice submitted for payment.

The Grantee's Authorized Representative is:

Name: Chris Anderson
Title: City Planner
Mailing Address: 7550 Sunwood Drive NW
Ramsey, MN 55303
Phone: 763-433-9817
E-Mail Address: canderson@cityoframsey.com

If the Grantee's Authorized Representative changes at any time during this Grant Agreement, the Grantee must immediately notify the Council and within 30 days provide a new City resolution (if such resolution is necessary) specifying the new Representative.

8. Assignment, Amendments, Waiver, and Grant contract Complete.

8.1 Assignment. The Grantee may neither assign nor transfer any rights or obligations under this Grant Agreement without the prior written consent of the Council and a fully executed Assignment Agreement.

8.2 Amendments. Any amendment to this Grant Agreement must be in writing and will not be effective until it has been executed and approved by the appropriate parties.

8.3 Waiver. If the Council fails to enforce any provision of this Grant Agreement, that failure does not waive the provision or its right to enforce it.

8.4 Grant Contract Complete. This Grant Agreement contains all negotiations and agreements between the Council and the Grantee. No other understanding regarding this Grant Agreement, whether written or oral, may be used to bind either party.

9. Liability and Insurance.

9.1 Liability. The Grantee and the Council agree that they will be responsible for their own acts and the results thereof to the extent authorized by law, and they shall not be responsible for the acts of the other party and the results thereof. The liability of the Council is governed by the Minn. Stat. Chapter 466 and other applicable laws. The liability of the Grantee is governed by the provisions contained in Chapter 466 and other applicable laws.

9.2 Relationship of the Parties. Nothing contained in this Grant Agreement is intended or should be construed in any manner as creating or establishing the relationship of co-partners or a joint venture between the Grantee and the Council, nor shall the Grantee be considered or deemed to be an agent, representative, or employee of the Council in the performance of this Grant Agreement, or the Grantee Program.

The Grantee represents that it has already or will secure or cause to be secured all personnel required for the performance of this Grant Agreement and the Grantee Program. All personnel of the Grantee or other persons while engaging in the performance of this Grant Agreement the Grantee Program shall not have any contractual relationship with the Council related to the work of the Grantee Program and shall not be considered employees of the Council. In addition, all claims that may arise on behalf of said personnel or other persons out of employment or alleged employment including, but not limited to, claims under the Workers' Compensation Act of the State of Minnesota, claims of discrimination against the Grantee, its officers, agents, contractors, or employees shall in no way be the responsibility of the Council. Such personnel or other persons shall not require nor be entitled to any compensation, rights or benefits of any kind whatsoever from the Council, including but not limited to, tenure rights, medical and hospital care, sick and vacation leave, disability benefits, severance pay and retirement benefits.

10. Audits.

Under Minn. Stat. § 16C.05, subd. 5, the Grantee's books, records, documents, and accounting procedures and practices relevant to this grant contract are subject to examination by the Council and/or the State Auditor or Legislative Auditor, as appropriate, for a minimum of six years from the termination date of this Grant Agreement.

11. Government Data Practices.

The Grantee and Council must comply with the Minnesota Government Data Practices Act, Minn. Stat. Chapter 13, as it applies to all data provided by the Council under this grant contract, and as it applies to all data created, collected, received, stored, used, maintained, or disseminated by the Grantee under this Grant Agreement. The civil remedies of Minn. Stat. § 13.08 apply to the release of the data referred to in this clause by either the Grantee or the Council. If the Grantee receives a request to release the data referred to in this Clause, the Grantee must immediately notify the Council.

12. Workers' Compensation.

The Grantee certifies that it is in compliance with Minn. Stat. § 176.181, subd. 2, pertaining to workers' compensation insurance coverage. The Grantee's employees and agents will not be considered Council employees. Any claims that may arise under the Minnesota Workers Compensation Act on behalf of these employees and any claims made by any third party as a consequence of any act or omission on the part of these employees are in no way the Council's obligation or responsibility.

13. Data Availability.

To the extent and as requested by the Council, Grantee agrees to comply with Minn. Stat. § 114D.50, subd. 5 requirements for data collected by the Grantee Programs funded with money from the Clean Water Fund that have value for planning and management of natural resources, emergency preparedness and infrastructure investments, including but not limited to the requirement that to the extent practicable, summary data and results of Grantee Programs funded with money from the Clean Water Fund should be readily accessible on the internet and identified as a Clean Water Fund Grantee Program. The Council will put overall summary information on the internet and will encourage the Grantee put its city information on the web. Grantee understands and agrees that Council may list its name and summary information on the internet or in any other Grantor reporting.

Data collected by the Grantee Programs, if any, funded with money from the Clean Water Fund that have value for planning and management of natural resources, emergency preparedness, and infrastructure investments must conform to the enterprise information architecture developed by the Office of MN.IT Services. Spatial data must conform to geographic information system guidelines and standards outlined in that architecture and adopted by the Minnesota Geographic Data Clearinghouse at the Minnesota Geospatial Information Office. A description of these data that adheres to the Office of MN.IT Services geographic metadata standards must be submitted to the Minnesota Geospatial Information Office to be made available online through the clearinghouse and the data must be accessible and free to the public unless made private under chapter 13. To the extent practicable, summary data and results of the Grantee Program funded with money from the clean water fund should be readily accessible on the Internet and identified as a Clean Water Fund Grantee Program.

14. Governing Law, Jurisdiction, and Venue.

Minnesota law, without regard to its choice-of-law provisions, governs this Grant Agreement. Venue for all legal proceedings out of this grant contract, or its breach, must be in the appropriate state or federal court of competent jurisdiction in Ramsey County, Minnesota.

15. Termination.

The Council may cancel this Grant Agreement at any time, with or without cause, upon 30 days' written notice to the Grantee. Upon termination, the Grantee will be entitled to payment for services prequalified and satisfactorily performed before the termination notice.

16. Data Disclosure.

Under Minn. Stat. § 270C.65, subd. 3, and other applicable law, the Grantee consents to disclosure of its federal employer tax identification number, and/or Minnesota tax identification number, already provided to the Council, to federal and state tax agencies and Council personnel involved in the payment of Council obligations. Grantee will require compliance with this Section 16 by Grantee's subrecipient of Grant funds and shall submit evidence of such compliance to Council as requested.

17. Notices.

In addition to any notice required under applicable law to be given in another manner, any notices required hereunder must be in writing and must be personally served or sent by email or United States mail, to the business address of the party to whom it is directed. The business address is the address specified below or such different address as may be specified, by either party by written notice to the other:

To the Grantee at:

Name: Chris Anderson
Title: City Planner
Mailing Address: 7550 Sunwood Drive NW
Ramsey, MN 55303
Phone: 763-433-9817
E-Mail Address: canderson@cityoframsey.com

To the Council's Authorized Representative at:

Name: Brian Davis or successor
Title: Senior Engineer
Mailing Address: 390 North Robert Street
St. Paul, MN 55101
Phone: 651-602-1519
E-Mail Address: brian.davis@metc.state.mn.us

18. Miscellaneous.

18.1 Report to Legislature. As provided in Minn. Stat. § 3.195, the Council must submit a report on the expenditure and use of money appropriated under the Clean Water Fund to the legislature by January 15 of each year. The report must detail the outcomes in terms of additional use of Clean Water Fund resources, user satisfaction surveys, and other appropriate outcomes. The grantee agrees to provide to the Council by January 1 of each year a report on any user satisfaction surveys it has related to this Grantee Program, and other appropriate outcomes of the Grantee Program as prescribed in Section 18.3 of this Agreement.

18.2 Supplement. The funds granted under this agreement are to supplement and shall not substitute for traditional sources of funding. Grantee certifies to the Council that there was and is no

traditional Grantee sources of funding for the City to help fund one-fourth of the subject water efficiency rebate or grant work.

18.3 Measurable Outcomes. If requested by the Council, Grantee agrees to demonstrate compliance with the following: A Grantee Program or program receiving funding from the Clean Water Fund must meet or exceed the constitutional requirement to protect, enhance, and restore water quality in lakes, rivers and streams and to protect groundwater and drinking water from degradation. A Grantee Program or program receiving funding from the Clean Water Fund must include measurable outcomes, as defined in section 3.303, subdivision 10, and a plan for measuring and evaluating the results. A Grantee Program or program must be consistent with current science and incorporate state-of-the-art technology. All information for funded Grantee Program work, including the proposed measurable outcomes, must be made available for publication on the web site required under Minn. Stat. § 3.303, subdivision 10, as soon as practicable and forwarded to the Council and the Legislative Coordinating Commission under the provisions of Minn. Stat. § 3.303, subd. 10. The Grantee must compile and submit all information for funded Grantee Programs or programs, including the proposed measurable outcomes and all other items required under section 3.303, subdivision 10, to the Council and, if requested by the Council, the Legislative Coordinating Commission as soon as practicable or by January 15 of the applicable fiscal year, whichever comes first.

18.4 Minn. Stat. § 16B.98. Grants funded by the Clean Water Fund must be implemented according to section 16B.98 and must account for all expenditures.

18.5 Benefit to Minnesota Waters. Money from the Clean Water Fund may only be spent on Grantee Programs that benefit Minnesota waters.

18.6 Website. If the Grantee has information on its website about the water efficiency grant program under Minn. Stat. § 114D.50, the Grantee will when practicable in accordance with Minn. Stat. § 114D.50, subd. 4 (f) prominently display on the Grantee's website home page the Legacy logo accompanied by the phrase "Click here for more information." When a person clicks on the Legacy logo image, the website must direct the person to a web page that includes both the contact information that a person may use to obtain additional information, as well as a link to the Council's and Legislative Coordinating Commission Website required under section 3.303, subdivision 10.

18.7 Future Eligibility. Future eligibility for money from the Clean Water Fund is contingent upon the Grantee satisfying all application requirements related to Council's fulfillment of Minn. Stat. § 114D.50 as well as any additional requirements contained in 2019, 1st Special Session, chapter 2, article 2, section 9.

18.8 Prevailing Wages. The Grantee agrees to comply with all of the applicable provisions contained in chapter 177 of the Minnesota Statutes, and specifically those provisions contained in Minn. Stat. §§ 177.41 through 177.435, as they may be amended, modified or replaced from time to time with respect to the Grantee Program. By agreeing to this provision, the Grantee is not acknowledging or agreeing that the cited provisions apply to the Grantee Program.

18.9 Disability Access. Where appropriate, Grantee of clean water funds, in consultation with the Council on Disability and other appropriate governor-appointed disability councils, boards, committees, and commissions, should make progress toward providing greater access to programs, print publications, and digital media for people with disabilities related to the programs the recipient funds using appropriations made in this agreement.

18.10. General Provisions.

- (i) Grants. The Grantee shall implement this Grant Agreement according to Minnesota Statutes, section 16B.98, and shall account for all expenditures of funds.
- (ii) Lawsuit. This Grant shall be canceled to the extent that a court determines that the appropriation illegally substitutes for a traditional source of funding.
- (iii) Termination Due to Lack of Funds. Grantee recognizes that Council's obligation to reimburse Grantee for eligible Grantee Program costs is dependent upon Council's receipt of funds from the State of Minnesota appropriated to Council under 2019 Session Laws, 1st Special Session, Chapter 2, Article 2, Section 9. Should the State of Minnesota terminate such appropriation or should such funds become unavailable to Council for any reason, Council shall, upon written notice to Grantee of termination or unavailability of such funds, have no further obligations for reimbursement or otherwise under this Grant Agreement. In the event of such written notice, Grantee has no further obligation to complete the Grantee Program as required by this Grant Agreement.

19. Default and Remedies.

19.1 Defaults. The Grantee's failure to fully comply with all of the provisions contained in this Grant Agreement shall be an event of default hereunder ("Event of Default").

19.2 Remedies. Upon an event of default, the Council may exercise any one or more of the following remedies:

- a. Refrain from disbursing the Grant.
- b. Demand that all or any portion of the Grant already disbursed be repaid to it, and upon such demand the Grantee shall repay such amount to the Council.
- c. Enforce any additional remedies the Council may have at law or in equity.

IN WITNESS WHEREOF, the parties have caused this agreement to be executed by their duly authorized representatives.

METROPOLITAN COUNCIL

By: _____
Regional Administrator, successor, or delegate

Date: _____

GRANTEE:

The Grantee certifies that the appropriate person(s) have executed the grant contract on behalf of the Grantee as required by applicable articles, bylaws, resolutions, or ordinances.

By: _____

Printed Name and Title

Date: _____

EXHIBIT A

(Application from community)

Metropolitan Council Water Efficiency Grant Application Form

Applicant Information:

Municipality: City of Ramsey
Municipal Utility: City of Ramsey Water Utility
Mailing Address: 7550 Sunwood Drive NW, Ramsey, MN 55303

Primary Contact Information: Municipality primary authorized representative (all correspondence regarding the Water Efficiency Grant Program should be addressed to individual named below):

NAME: Chris Anderson
TITLE: City Planner
STREET: 7550 Sunwood Drive NW
CITY, ZIP: Ramsey, MN 55303
PHONE: 763-433-9817
EMAIL: canderson@cityoframsey.com

Secondary Contact Information: Municipality secondary authorized representative:

NAME: Bruce Westby
TITLE: City Engineer
STREET: 7550 Sunwood Drive NW
CITY, ZIP: Ramsey, MN 55303
PHONE: 763-433-9825
EMAIL: bwestby@cityoframsey.com

Municipal Total Per Capita Water Use (2018): 130 (gallons per person-day)
Municipal Residential Per Capita Water Use (2018): 79 (gallons per person-day)
Municipal Ratio of Peak Month to Winter Month Water Use (2018): 4.34
Municipality's estimated annual water savings from proposed program: 3,000,000 (gallons)

Municipal Utility Grant or Rebate Program Design:

Requested Grant Amount (must equal 75% of total program budget): \$ 50,000.00

Required Utility Matching Amount (must equal 25% of total program budget): \$ 16,667.00

Will your program be a grant program or rebate program? Rebate

Estimated Number of Items:

Item	Estimated Number
Toilets	100
Irrigation Controllers	100
Clothes Washing Machines	
Irrigation Spray Sprinkler Bodies	
Irrigation System Audits	5

Project Work Plan and Schedule:*

Task Description	Responsible Person	Start Date	Completion Date
<p>Obtain recommendations from Environmental Policy Board and Public Works Committee to seek Water Efficiency grant funds</p> <p>Obtain City Council authorization to seek Water Efficiency grant funds</p>	<p>City Planner City Engineer</p>	<p>8/19/19</p>	<p>9/24/19</p>
<p>Establish/develop rebate program</p>	<p>City Planner City Engineer Utilities Supervisor Asst. Public Works Superintendent</p>	<p>9/1/19</p>	<p>12/31/19</p>
<p>Develop marketing campaign through outlets including Ramsey Resident newsletter, Facebook/social media, develop website content, and QCTV spots.</p>	<p>City Planner Communications and Event Coordinator</p>	<p>10/1/19</p>	<p>12/31/19</p>
<p>Program administration, which would include intake, review, and processing of customer invoices/receipts, coordinating rebates (utility billing credits), ongoing promotion of grant program.</p>	<p>Engineering Administrative Asst. Finance Staff Communications and Event Coordinator</p>	<p>1/1/20</p>	<p>6/30/22</p>
<p>Quarterly reporting</p>	<p>City Planner Engineering Administrative Asst.</p>	<p>4/1/20</p>	<p>7/1/22</p>

*** Municipal utility may create own project plan and schedule form**

Communications to Property Owners:

How will your program be advertised (check all that apply):

- Newsletter
- Print Media
- Email
- Twitter
- Website
- Radio
- Television
- Facebook
- Nextdoor
- Other Social Media

Please attach examples of proposed newsletter, print media, or email communications

Critical Points to Remember:

- The applying municipality must be a water supplier
- New construction and new developments are not eligible
- Funds are for rebates or grants only; consulting and city staff time are ineligible
- Combined Council and municipality funds cannot pay for 100% of an eligible activity's cost
- A portion of each eligible activity's cost must be paid by the property owner
- Grant recipients must display the Clean Water, Land and Legacy Amendment logo and the Metropolitan Council logo on program-related web pages and paper communications

EXHIBIT B

Clean Water Fund Grant Program Overview & Goal, Structure, and Qualified Activities (should anything herein be contradicted by the Agreement language, the Agreement terms prevail).

Overview

The Metropolitan Council (Council) will implement a water efficiency grant program effective September 30, 2019 to June 30, 2022. Grants will be awarded on a competitive basis to municipalities that manage municipal water systems. The Council will provide 75% of the program cost; the municipality must provide the remaining 25%. Municipalities will use the combined Council and municipality funds to run their own grant or rebate programs.

Grants will be made available in amounts with a minimum of \$2,000 and a maximum of \$50,000. Grantees will be required to provide estimated water savings achieved through this program for Clean Water, Land & Legacy Amendment reporting purposes.

Legislative Directive - Minnesota 2019 Session Law

\$375,000 the first year and \$375,000 the second year are for the water demand reduction grant program to encourage municipalities in the metropolitan area to implement measures to reduce water demand to ensure the reliability and protection of drinking water supplies. Fiscal year 2020 appropriations are available until June 30, 2021, and fiscal year 2021 appropriations are available until June 30, 2022.

Grant Program Goal

The goal of the water efficiency grant program is to support technical and behavioral changes that improve municipal water use efficiency in the seven-county metropolitan area.

Critical Points to Remember

- The applying municipality must be a water supplier
- New construction and new developments are not eligible
- Funds are for rebates or grants only; consulting and city staff time are ineligible
- Combined Council and municipality funds cannot pay for 100% of an eligible activity's cost
- A portion of each eligible activity's cost must be paid by the property owner
- Grant recipients must display the Clean Water, Land and Legacy Amendment logo and the Metropolitan Council logo on program-related web pages and paper communications

Grant Program Structure: Administration and Funding

The Water Efficiency Grant Program will be administered by Metropolitan Council Environmental Services (MCES) and will be funded with \$750,000 appropriated by the 2019 Minnesota Legislature. Grant applications will be reviewed and ranked by the MCES Water Supply Planning Unit staff.

Grants are only for water efficiency programs offering rebates or grants to property owners who are customers of the municipal water supply system and who replace specified water using devices with approved devices that use substantially less water.

Grants will be awarded to municipalities in amounts ranging from \$2,000 to \$50,000 for providing rebates or grants to property owners. Municipalities will be responsible for the design and operation of their rebate or grant program and its details. Grant payments to the municipality will be for 75% of approved program amounts. The municipality must provide the remaining 25% of the program cost. Municipality rebates or grants are eligible for reimbursement on device replacements conducted September 30, 2019 through June 30, 2022.

Here is an example showing the grant funding design:

Metropolitan Council Grant Amount	\$15,000
Municipality Match	\$5,000
Municipality Grant/Rebate Program Total	\$20,000

Eligibility

Per legislative language, the grant program is limited to municipalities in the seven-county metropolitan area.

Municipalities eligible per above must apply to participate and, if approved, sign a standard Council Grant Agreement, before any eligible rebates or grants can be submitted for reimbursement. Agreements shall require that municipalities:

- Entirely pass through grants received (as is being done by MCES)
- Verify purchase of devices to receive grants
- Retain records and cooperate with any audits
- Conduct all communications with property owners and ensure all written communications to property owners include both the Clean Water, Land and Legacy Amendment and the Metropolitan Council's logo
- Provide quantitative information for state reporting purposes

Eligible water efficiency devices consist of the following:

- Toilet replacement with a US EPA WaterSense labeled toilet
- Irrigation controller replacement with a US EPA WaterSense labeled controller
- Clothes washing machine replacement with an US DOE Energy Star labeled clothes washing machine
- Irrigation spray sprinkler body replacement with a US EPA WaterSense labeled spray sprinkler body
- Irrigation system audit by an Irrigation Professional certified by a US EPA WaterSense program

Expenses eligible for reimbursement are the out-of-pocket cost of the device and its installation only, not to include any owner labor costs. In addition, new construction and new developments are ineligible, as this program is intended as a current infrastructure replacement program.

Application Process

- Applicants must be municipal water suppliers
- Municipalities will submit MCES supplied application form by September 30, 2019. Required information includes:
 - the municipality's rebate or grant program design and work plan
 - proposed examples of communications to property owners
 - requested total grant amount
 - estimated annual amount of water saved by the applying municipality
- Application form is available at: <https://metrocouncil.org/Wastewater-Water/Funding-Finance/Available-Funding-Grants.aspx>
- Submit completed application to: brian.davis@metc.state.mn.us
- Metropolitan Council will notify municipalities of grant awards and provide grant agreements by December 2, 2019.

Proposal Selection Criteria

In the event that funds requested exceed funds available, the following criteria will be used to determine the amount granted to a given municipality:

- Municipalities that are supplied 100% with groundwater
- Municipalities with identified water supply issues in Master Water Supply Plan Community Profiles or Local Water Supply Plans
- Municipalities' ratio of peak monthly water use to winter monthly water use
- Municipalities' average residential per capita water use
- The order in which applications are received and until grant funds are completely committed

Funding Process and Reporting Requirements

- Utilizing forms provided by MCES, the following information must be reported on a quarterly basis:
 - Number, type and amount of rebates or grants provided to property owners, along with each property address
 - Estimated annual gallons of water saved per device installation
 - Municipality matching funds disbursed
 - Number of unmet funding requests from property owners, if any
- Upon review and confirmation of the above information, MCES will process a grant payment in the amount of 75% of approved total rebates or grants for the reporting period.
- MCES will provide confirmation of grant balances available upon request and reserves the right to amend grant agreements, in collaboration with grantee municipality, if quarterly reporting indicates rebate or grant programs will not fully utilize grant awards within the grant period.

Qualified Activities

- Toilet replacement with a US EPA WaterSense labeled toilet:
http://www.epa.gov/WaterSense/product_search.html
- Irrigation controller replacement with a US EPA WaterSense labeled controller:
<https://www.epa.gov/watersense/product-search>
- Clothes washing machine replacement with an US DOE Energy Star labeled clothes washing machine:
<https://www.energystar.gov/productfinder/product/certified-clothes-washers/results>
- Irrigation spray sprinkler body replacement with a US EPA WaterSense labeled spray sprinkler body
<https://www.epa.gov/watersense/product-search>
- Irrigation system audit by an Irrigation Professionals certified by a US EPA WaterSense program

<https://www.epa.gov/watersense/find-pro>

Reporting Example

Community	Property Street Address	Property Type	Device Replaced	Cost per Device	# of Devices	Rebate or Grant per Device	Est. Annual Water (Gal) Saved Per Device	Total Rebate or Grant	Municipality Contribution	Eligible Grant Amount
Anytown	652 Silvis St	Residential	Clothes Washer	\$624.60	1	\$150.00	3,000	\$150.00	\$37.50	\$112.50
Anytown	1952 Ingram Way	Residential	Irrigation Controller	\$199.99	1	\$100.00	8,800	\$100.00	\$25.00	\$75.00
Anytown	630 Gibbons Ave	Residential	Clothes Washer	\$599.90	1	\$150.00	3,000	\$150.00	\$37.50	\$112.50
Anytown	4424 Barriger Blvd	Residential	Toilet	\$168.00	1	\$50.00	4,000	\$50.00	\$12.50	\$37.50

EXHIBIT C Revision #

METROPOLITAN COUNCIL ENVIRONMENTAL SERVICES

**2019 CLEAN WATER FUND WATER EFFICIENCY GRANT PROGRAM
GRANT AMENDMENT FORM**

NOTICE TO GRANTEE: Submission of this form is required to modify your city's agreement with Metropolitan Council Environmental Services (MCES) 2019 Clean Water Fund Water Efficiency Grant program (Grantee Program).

After determination of your city's initial grant amount, completion and submission of this form is necessary when 1) you are requesting additional grant funds to meet unexpected rebate or grant demand, or 2) when your city has determined that the previously approved program's rebate or grant demand will not be met, requiring less grant funds than anticipated when the agreement was signed.

The process for modifying your agreement is as follows:

1. Your City's designated authorized representative submits 2 signed copies of Exhibit C to MCES, with an attachment itemizing requests for changes to prior granted amounts.
2. Upon receipt of signed Exhibit C, MCES Program Administrator obtains Council authorized signatures that modifies the agreement and returns a fully signed copy of Exhibit A indicating new grant amount to City's designated authorized representative.

Instructions: Indicate the date of your change request in #1 box. Indicate the number of this particular change request in #2 box (and in box at top of page – must match). Enter the current grant agreement amount (as MCES approved) in #3 box. If you wish to increase your municipality's grant amount, enter the amount you are requesting in #4 box. If you wish to decrease your grant amount due to less demand than anticipated, enter the amount in #5 box. Enter in #6 box the amount derived from adding #3 to #4 or derived from subtracting #5 from #3.

Grant Agreement #

1. Date of change request:

2. Change request number:

3. Current Grant Agreement Amount (as MCES approved):

4. Increase due to request for additional funding:

5. Decrease due to less demand:

6. Amended Grant Agreement Amount requested:

CITY NAME: _____

I request the above changes (sign with title and date):

MCES PROGRAM ADMINISTRATOR APPROVAL (signature and date):

COUNCIL AUTHORIZED SIGNATURE AND DATE

Questions may be directed to the MCES Authorized Representative:

Brian Davis
MCES Senior Engineer
390 Robert Street North
St. Paul, MN 55101-1805
Phone: (651) 602-1519
Email: brian.davis@metc.state.mn.us

Councilmember _____ introduced the following resolution and moved for its adoption:

RESOLUTION #20-018

RESOLUTION TO ENTER INTO A CLEAN WATER FUND GRANT AGREEMENT WITH THE METROPOLITAN COUNCIL TO RECEIVE A WATER EFFICIENCY GRANT

WHEREAS, the City of Ramsey owns and maintains a municipal water supply system which is essential to the quality of life, health and welfare of City residents and businesses; and

WHEREAS, the City of Ramsey currently relies on groundwater as the sole source of its municipal water supply system; and

WHEREAS, the City of Ramsey is planning to construct two new municipal water supply system groundwater wells to accommodate planned growth in the next ten years; and

WHEREAS, Minnesota Statutes 473.1565 directs the Metropolitan Council to undertake planning activities that emphasize conservation, inter-jurisdictional cooperation, and long-term sustainability; and

WHEREAS, the Metropolitan Council received an allocation of \$787,600 from the Clean Water Funds to assist local units of government by helping property owners pay for water saving audits and/or more water efficient appliances to conserve water; and

WHEREAS, the primary objective of the Water Efficiency Grant Program is to assist local units of government to conserve water to ensure long-term groundwater sustainability; and

WHEREAS, this grant program is consistent with the goals and objectives of the City's Strategic Action Plan; and

WHEREAS, the City has the capability to adequately fund its local cost share for this grant program through the water enterprise fund; and

WHEREAS, on September 24, 2019, the Ramsey City Council authorized staff to apply for grant funding up to \$50,000; and

WHEREAS, the City of Ramsey submitted an application for grant funds to offer rebates for WaterSense labeled smart irrigation controllers, irrigation audits, and WaterSense labeled toilets for water supply customers; and

WHEREAS, the Metropolitan Council received grant applications totaling \$1,393,527; and

WHEREAS, the City of Ramsey was one of forty (40) communities accepted into the grant program with a grant allocation of \$28,000; and

WHEREAS, to accept the grant funds, the City of Ramsey must enter into a Clean Water Fund Grant Agreement with the Metropolitan Council.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA, as follows:

1. That the Ramsey City Council hereby authorizes the execution of the Clean Water Fund Grant Agreement with the Metropolitan Council and to accept the \$28,000 grant allocation for a water efficiency rebate program.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____, and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 28th day of January, 2020.

Mayor

ATTEST:

City Clerk

Environmental Policy Board (EPB)

5.3.

Meeting Date: 01/13/2020

By: Chris Anderson, Community
Development

Information

Title:

Minnesota Department of Agriculture Presentation on Emerald Ash Borer (EAB)

Purpose/Background:

In response to an inquiry from a concerned Ramsey resident, City Staff went out to inspect an ash tree in the resident's front yard. There was a gallery (galleries are created by insect larvae feeding on tissues beneath the bark) visible on one of the lower limbs. City Staff sent photos of the gallery to the Minnesota Department of Agriculture's (MDA) Arrest the Pest site for review. A follow up inspection by City Staff and MDA Staff occurred on December 11, 2019, which ultimately confirmed the presence of Emerald Ash Borer (EAB). EAB is an invasive insect that attacks all native variety of ash trees (in Minnesota, this includes Green Ash, White Ash, and Black Ash). A representative with the MDA will be in attendance to present an update and overview on EAB and management of this invasive pest.

Notification:

No notification is required. However, City Staff did send notification of this meeting via Standard US Mail to Property Owners, as reflected by Anoka County Property Records, in the immediate neighborhood where EAB was discovered. Further information will be provided in upcoming issues of the Ramsey Resident newsletter and the website as well.

Action:

No action is necessary; this is for informational purposes only.

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
Tim Gladhill	Tim Gladhill	01/09/2020 02:44 PM
Form Started By: Chris Anderson		Started On: 01/02/2020 09:53 AM
Final Approval Date: 01/09/2020		

Environmental Policy Board (EPB)

5. 4.

Meeting Date: 01/13/2020

By: Chris Anderson, Community Development

Information

Title:

Review Landscape Plan for Amended Preliminary Plat of Riverstone Addition

Purpose/Background:

Riverstone LLC (the "Applicant") has applied for a revised Preliminary Plat for the subdivision known as Riverstone, which is located south of Alpine Drive, north of the railroad tracks, and on the west side of Puma St NW (the "Subject Property"). The proposed revision is in the northern portion of the site (undeveloped as of now) and would eliminate the previously approved attached townhomes and replace with more detached villas, which is the primary product offered in Riverstone. The proposed amendment to the Preliminary Plat does have a minor impact on the approved Landscape Plan for the subdivision.

Observations/Alternatives:

The proposed amendment to the Preliminary Plat would eliminate all attached townhomes from the project and continue on with the detached villa concept that exists across much of Riverstone. Ultimately, the revised plans result in three (3) fewer trees; however, the proposed plantings are now more consistent with the streetscaping of the southern two thirds of the project. There is no change to the proposed species nor is there any changes in species size.

The Riverstone subdivision was approved as a Planned Unit Development (PUD), which provides some flexibility regarding various standards. The project includes some larger areas of open space, including trails and park space, not necessarily common with all development. This additional greenspace allowed for additional plantings throughout the project site. Furthermore, where sidewalks are present or required, a boulevard of six to eight feet (6-8') in width is provided, creating a suitable setting for street trees throughout the project.

Staff has no objections to the revised Landscape Plan.

Funding Source:

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

Action:

Motion to recommend approval of the revised Landscape Plan for Riverstone.

Attachments

Site Location Map

Previoulsy Approved Landscape Plan for Northern Portion of Site

Proposed Revised Landscape Plan for Northern Portion of Site

Approved Landcape Plan for Southern Portion of Site (for Reference Only)

Form Review

Inbox

Reviewed By

Date

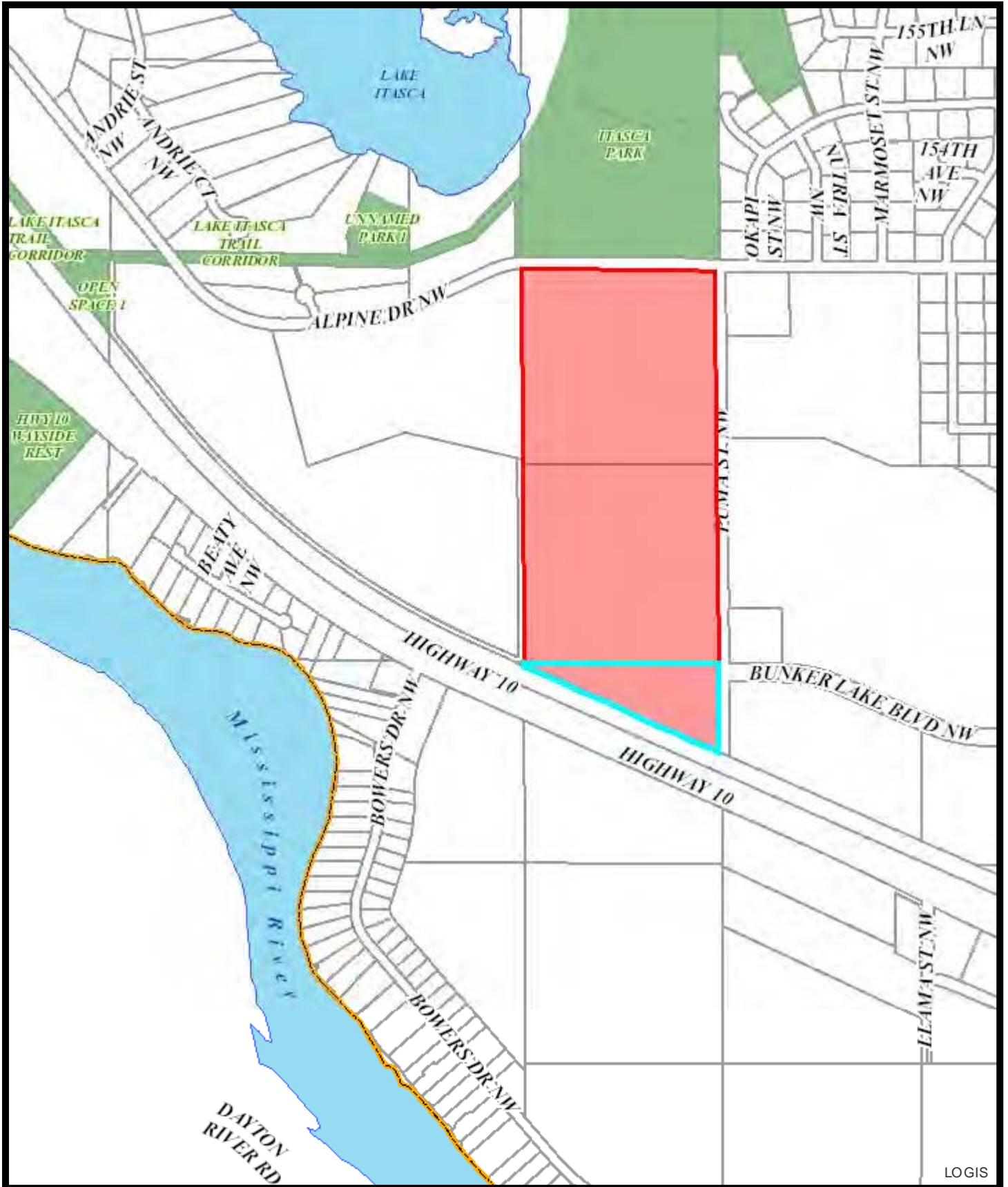
Tim Gladhill
Form Started By: Chris Anderson
Final Approval Date: 01/09/2020

Tim Gladhill

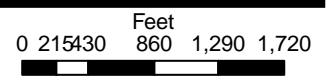
01/09/2020 02:19 PM
Started On: 01/03/2020 10:03 AM

Site Location Map

Riverstone



LOGIS

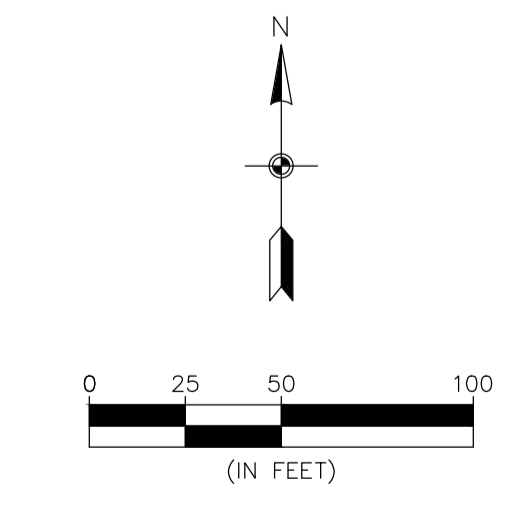
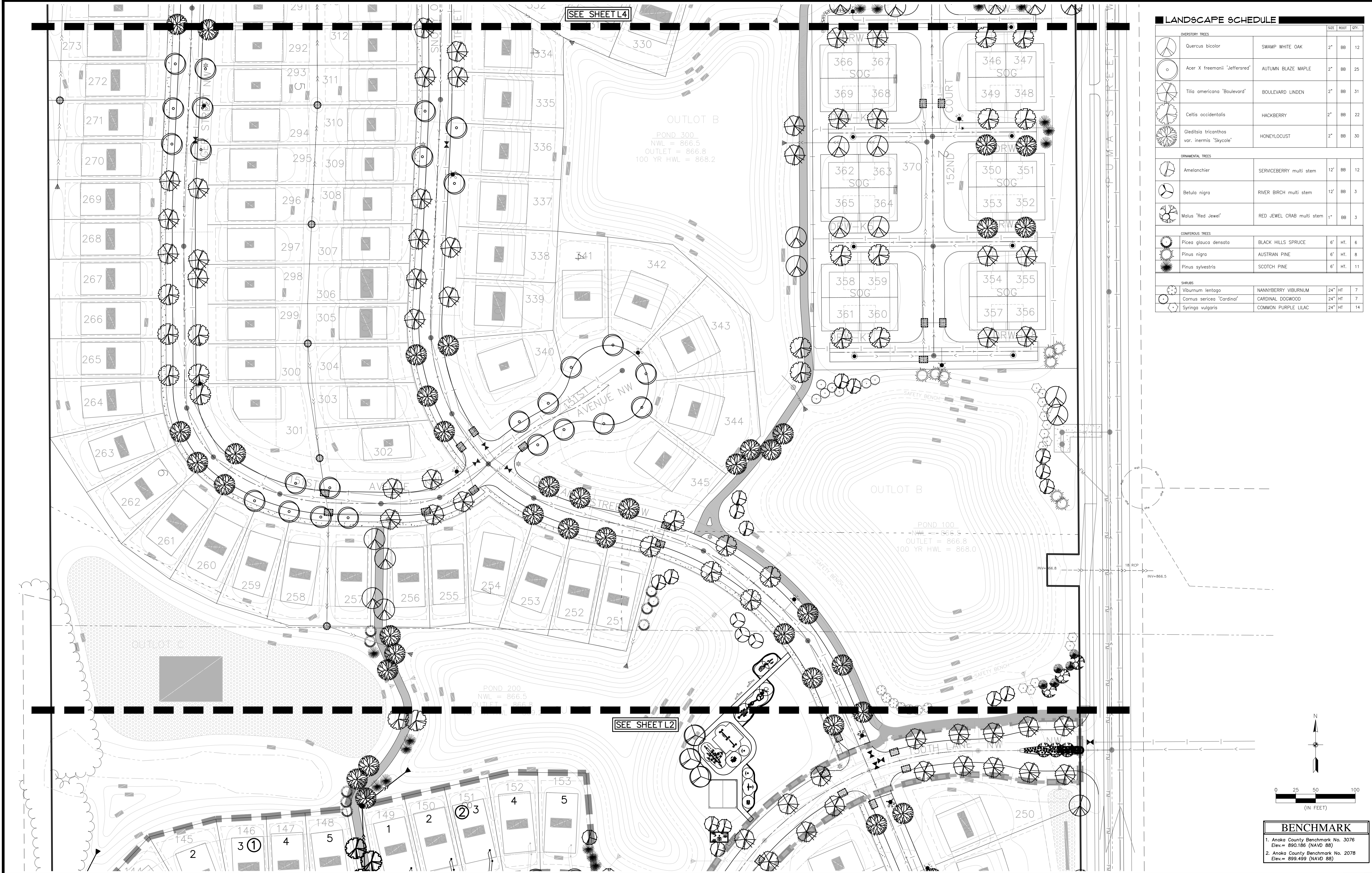


SEE SHEET L4

SEE SHEET L2

LANDSCAPE SCHEDULE

OVERSTORY TREES		SIZE	ROOT	QTY.
	Quercus bicolor	SWAMP WHITE OAK	2"	BB 12
	Acer X freemanii 'Jeffersred'	AUTUMN BLAZE MAPLE	2"	BB 25
	Tilia americana 'Boulevard'	BOULEVARD LINDEN	2"	BB 31
	Celtis occidentalis	HACKBERRY	2"	BB 22
	Gleditsia tricanthos var. inermis 'Skycole'	HONEYLOCUST	2"	BB 30
ORNAMENTAL TREES		SIZE	ROOT	QTY.
	Amelanchier	SERVICEBERRY multi stem	12"	BB 12
	Betula nigra	RIVER BIRCH multi stem	12"	BB 3
	Malus 'Red Jewel'	RED JEWEL CRAB multi stem	1"	BB 3
CONIFEROUS TREES		SIZE	ROOT	QTY.
	Picea glauca densata	BLACK HILLS SPRUCE	6"	HT. 6
	Pinus nigra	AUSTRIAN PINE	6"	HT. 8
	Pinus sylvestris	SCOTCH PINE	6"	HT. 11
SHRUBS		SIZE	ROOT	QTY.
	Viburnum lentago	NANNYBERRY VIBURNUM	24"	HT 7
	Cornus sericea 'Cardinal'	CARDINAL DOGWOOD	24"	HT 7
	Syringa vulgaris	COMMON PURPLE LILAC	24"	HT 14



BENCHMARK	
1.	Anoka County Benchmark No. 3076 Elev = 890.186 (NAVD 88)
2.	Anoka County Benchmark No. 2078 Elev = 899.459 (NAVD 88)

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 Blaine, MN 55449
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 Fax: (763) 489-7959
 www.carlsonmccain.com

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 Landscape Architect under the laws of the State of Minnesota

Print Name: James A. Kalkes
 Signature: *James A. Kalkes*
 Date: 04/13/18 License #: 45071

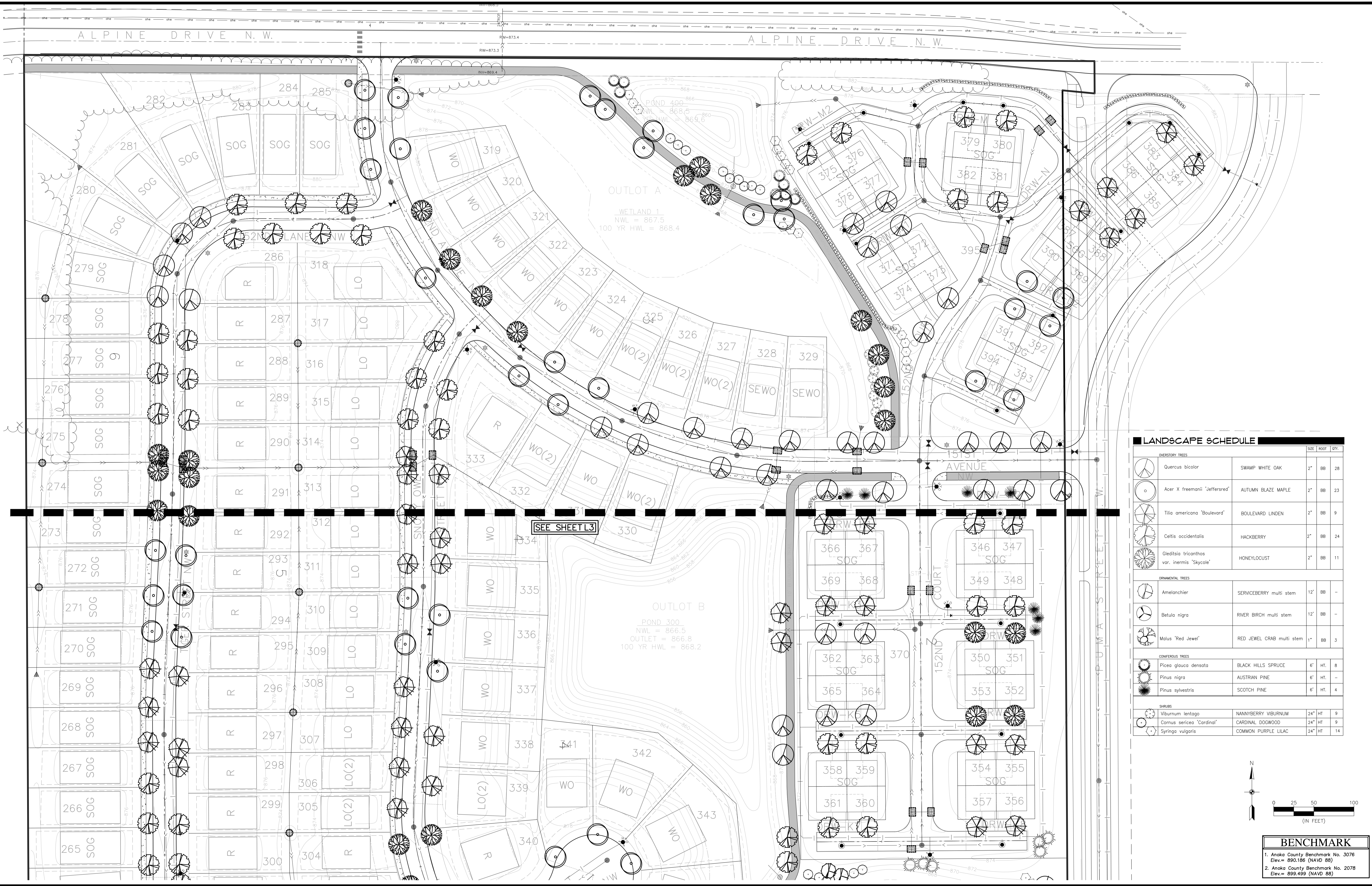
Drawn: SDB
 Designed: SDB
 Date: 04/13/18

Revisions:
 1. 5/24/17 Per City Comments
 2. 6/23/17 Per City Comments
 3. 4/13/18 Revise Street names, B12L15-28 & B13L1-13 and add NE Trail
 4. 6/13/18 Per City Comments

RIVERSTONE DEVELOPMENT, LLC.
 14015 Sunfish Lake B, Suite 400
 Ramsey, MN 55303

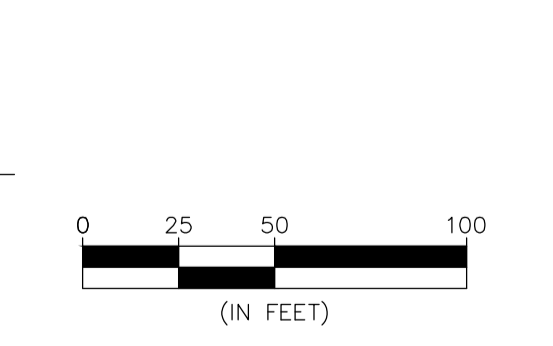
RIVERSTONE
 Ramsey, MN

PRELIMINARY LANDSCAPE PLAN



LANDSCAPE SCHEDULE

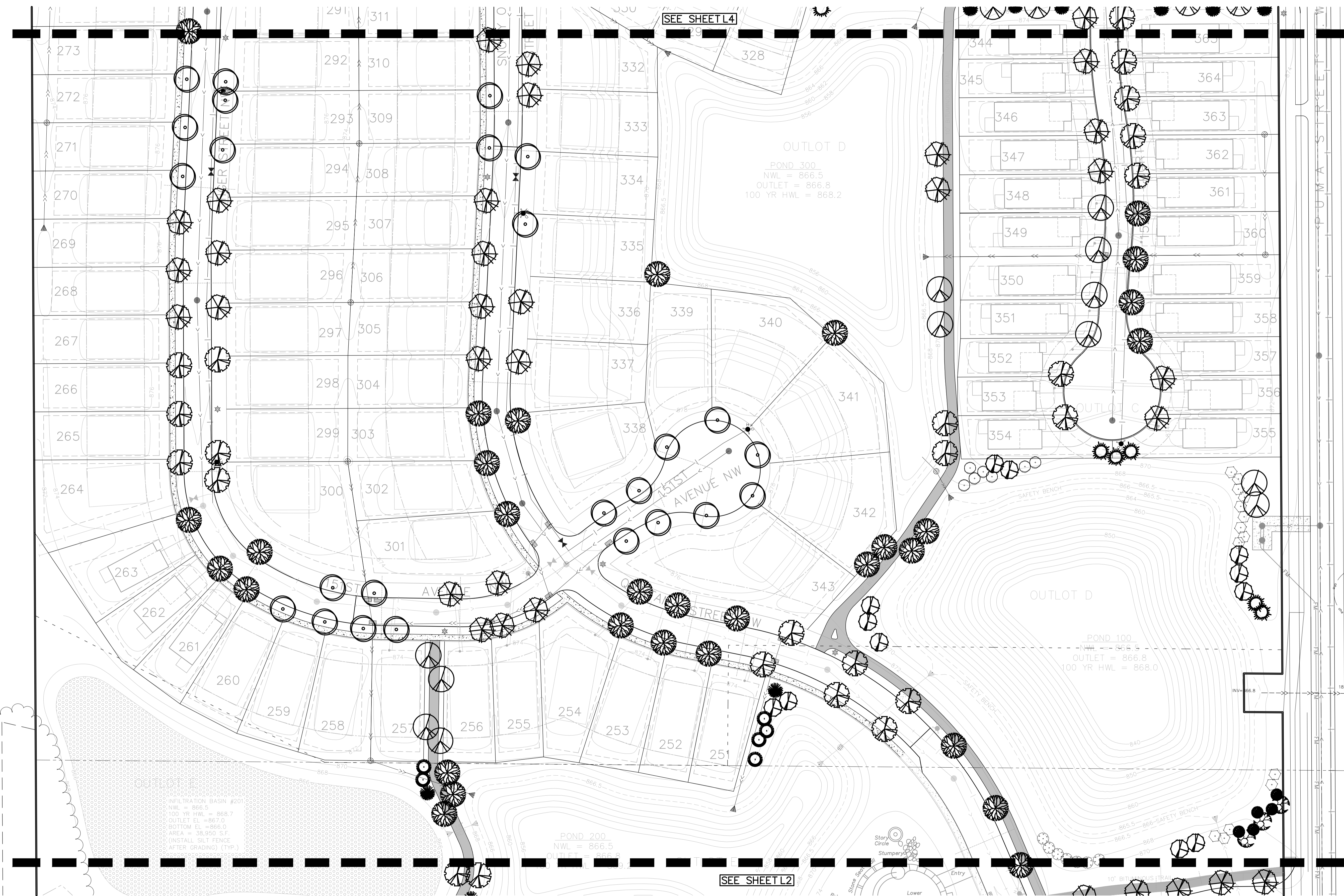
		SIZE	ROOT	QTY.
OVERSTORY TREES				
	Quercus bicolor	SWAMP WHITE OAK	2"	BB 28
	Acer X freemanii 'Jeffersred'	AUTUMN BLAZE MAPLE	2"	BB 23
	Tilia americana 'Boulevard'	BOULEVARD LINDEN	2"	BB 9
	Celtis occidentalis	HACKBERRY	2"	BB 24
	Gleditsia tricanthos var. inermis 'Skycolor'	HONEYLOCUST	2"	BB 11
ORNAMENTAL TREES				
	Amelanchier	SERVICEBERRY multi stem	12"	BB -
	Betula nigra	RIVER BIRCH multi stem	12"	BB -
	Malus 'Red Jewel'	RED JEWEL CRAB multi stem	1"	BB 3
CONIFEROUS TREES				
	Picea glauca densata	BLACK HILLS SPRUCE	6"	HT. 8
	Pinus nigra	AUSTRIAN PINE	6"	HT. -
	Pinus sylvestris	SCOTCH PINE	6"	HT. 4
SHRUBS				
	Viburnum lentago	NANNYBERRY VIBURNUM	24"	HT 9
	Cornus sericea 'Cardinal'	CARDINAL DOGWOOD	24"	HT 9
	Syringa vulgaris	COMMON PURPLE LILAC	24"	HT 14



BENCHMARK

- Anoka County Benchmark No. 3076
Elev. = 890.186 (NAVD 88)
- Anoka County Benchmark No. 2078
Elev. = 899.499 (NAVD 88)

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LANDSCAPE SCHEDULE

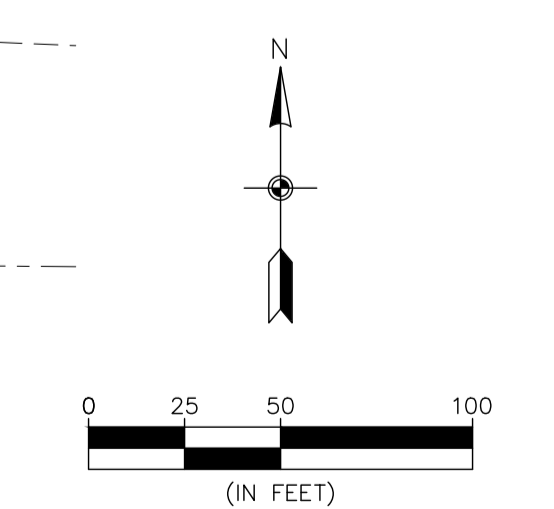
			SIZE	ROOT	QTY.
OVERSTORY TREES					
	Quercus bicolor	SWAMP WHITE OAK	2"	BB	12
	Acer X freemanii 'Jeffersred'	AUTUMN BLAZE MAPLE	2"	BB	25
	Tilia americana 'Boulevard'	BOULEVARD LINDEN	2"	BB	27
	Celtis occidentalis	HACKBERRY	2"	BB	20
	Gleditsia tricanthos var. inermis 'Skycole'	HONEYLOCUST	2"	BB	30
ORNAMENTAL TREES					
	Amelanchier	SERVICEBERRY multi stem	12"	BB	12
	Betula nigra	RIVER BIRCH multi stem	12"	BB	-
	Malus 'Red Jewel'	RED JEWEL CRAB multi stem	1"	BB	3
CONIFEROUS TREES					
	Picea glauca densata	BLACK HILLS SPRUCE	6"	HT.	6
	Pinus nigra	AUSTRIAN PINE	6"	HT.	5
	Pinus sylvestris	SCOTCH PINE	6"	HT.	2
SHRUBS					
	Viburnum lentago	NANNYBERRY VIBURNUM	24"	HT	7
	Cornus sericea 'Cardinal'	CARDINAL DOGWOOD	24"	HT	7
	Syringa vulgaris	COMMON PURPLE LILAC	24"	HT	14

INFILTRATION BASIN #20
 NWL = 866.5
 100 YR HWL = 868.7
 OUTLET EL = 867.0
 BOTTOM EL = 866.0
 AREA = 38,950 S.F.
 (INSTALL SILT FENCE
 AFTER GRADING) (TYP)
 (SEE 02020300) (TYP)

POND 200
 NWL = 866.5
 OUTLET = 866.8

POND 300
 NWL = 866.5
 OUTLET = 866.8
 100 YR HWL = 868.2

POND 100
 NWL = 866.5
 OUTLET = 866.8
 100 YR HWL = 868.0



BENCHMARK

- Anoka County Benchmark No. 3076
Elev = 890.186 (NAVD 88)
- Anoka County Benchmark No. 2078
Elev = 899.499 (NAVD 88)

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 www.carlsonmccain.com

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 Landscape Architect under the laws of the State of Minnesota

Print Name: Ryan J. Rutger
 Signature:
 Date: 12/04/19 License #: 56346

Drawn: SDB
 Designed: SDB
 Date: 04/13/18

Revisions:
 1. 5/24/17 Per City Comments
 2. 6/23/17 Per City Comments
 3. 4/13/18 Revise Street names, B12L15-28 & B13L1-13 & add NE Trail
 4. 6/13/18 Per City Comments
 5. 12/4/19 Revise Layout Per Owner

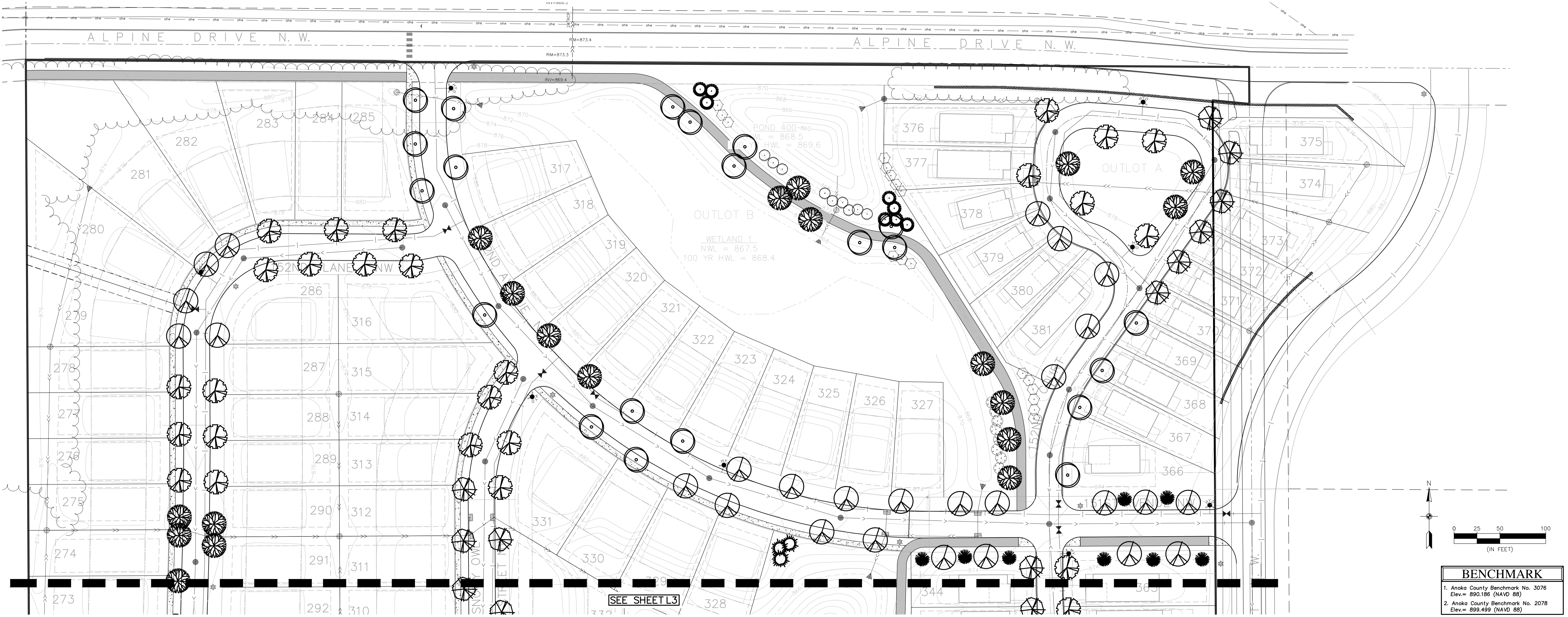
RIVERSTONE DEVELOPMENT, LLC.
 14015 Sunfish Lake B, Suite 400
 Ramsey, MN 55303

RIVERSTONE
 Ramsey, MN

**PRELIMINARY
 LANDSCAPE PLAN**

LANDSCAPE SCHEDULE

			SIZE	ROOT	QTY.
OVERSTORY TREES					
	Quercus bicolor	SWAMP WHITE OAK	2"	BB	27
	Acer X freemanii 'Jeffersred'	AUTUMN BLAZE MAPLE	2"	BB	21
	Tilia americana 'Boulevard'	BOULEVARD LINDEN	2"	BB	10
	Celtis occidentalis	HACKBERRY	2"	BB	25
	Gleditsia tricanthos var. inermis 'Skycole'	HONEYLOCUST	2"	BB	19
ORNAMENTAL TREES					
	Amelanchier	SERVICEBERRY multi stem	12'	BB	-
	Betula nigro	RIVER BIRCH multi stem	12'	BB	-
	Malus 'Red Jewel'	RED JEWEL CRAB multi stem	1"	BB	-
CONIFEROUS TREES					
	Picea glauca densata	BLACK HILLS SPRUCE	6'	HT.	8
	Pinus nigra	AUSTRIAN PINE	6'	HT.	3
	Pinus sylvestris	SCOTCH PINE	6'	HT.	8
SHRUBS					
	Viburnum lentago	NANNYBERRY VIBURNUM	24"	HT	-
	Cornus sericea 'Cardinal'	CARDINAL DOGWOOD	24"	HT	17
	Syringa vulgaris	COMMON PURPLE LILAC	24"	HT	17



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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 Landscape Architect under the laws of the State of Minnesota
 Print Name: Ryan J. Ruttger
 Signature: [Signature]
 Date: 12/04/19 License #: 56346

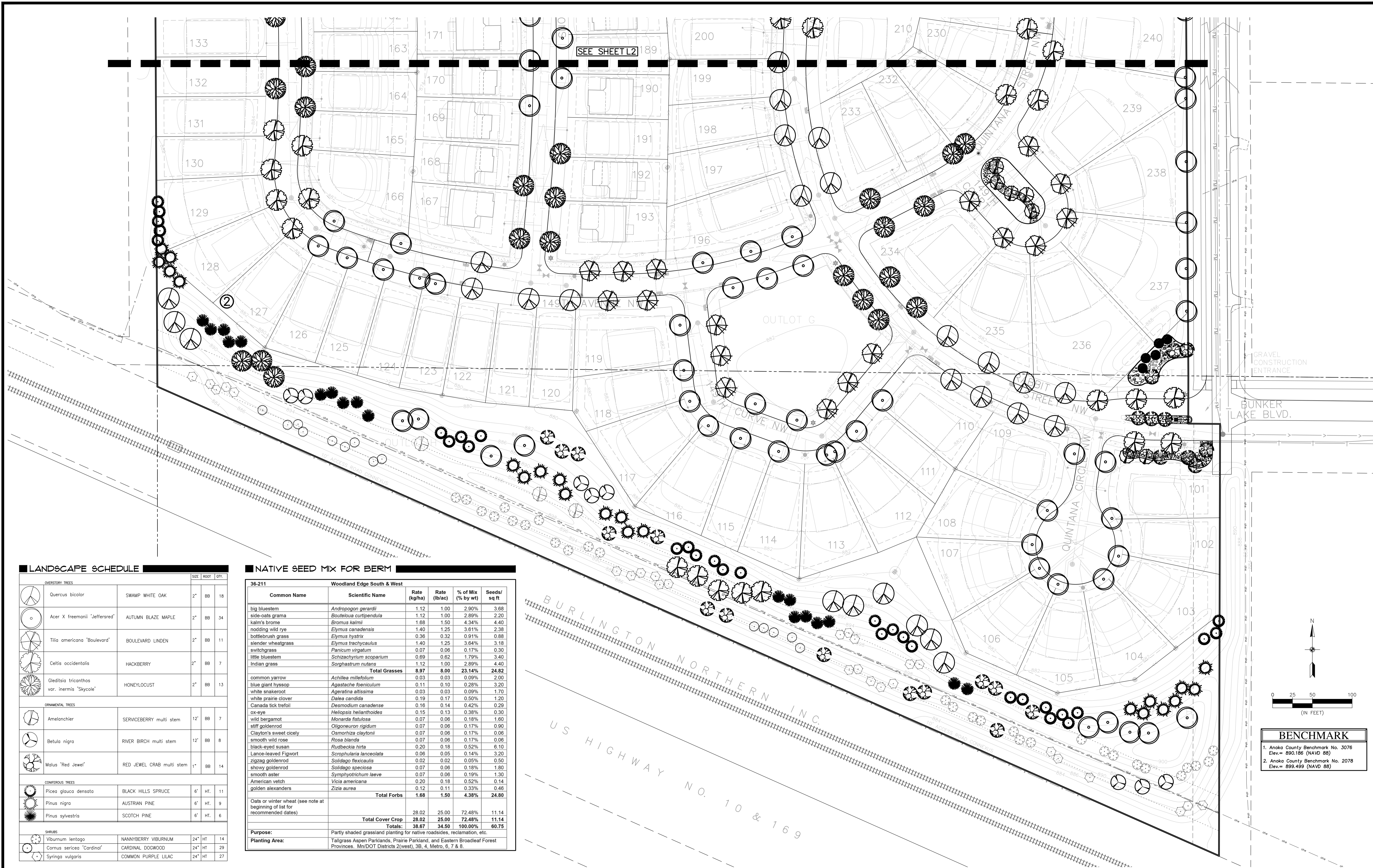
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RIVERSTONE DEVELOPMENT, LLC.
 14015 Sunfish Lake B, Suite 400
 Ramsey, MN 55303

RIVERSTONE
 Ramsey, MN

PRELIMINARY LANDSCAPE PLAN

Save Date: 12/06/19 | P:\jobs\6421 - 6440\6435 - Ramsey site\cad\c3r\6435_top.dwg

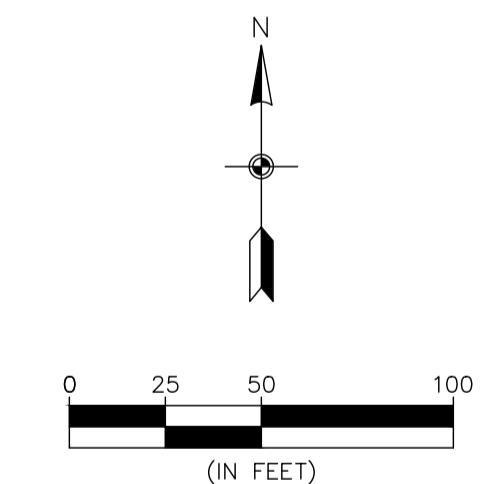


LANDSCAPE SCHEDULE

OVERSTORY TREES	SIZE	ROOT	QTY.
Quercus bicolor	SWAMP WHITE OAK	2"	BB 18
Acer X freemanii 'Jeffersred'	AUTUMN BLAZE MAPLE	2"	BB 34
Tilia americana 'Boulevard'	BOULEVARD LINDEN	2"	BB 11
Celtis occidentalis	HACKBERRY	2"	BB 7
Gleditsia tricanthos var. inermis 'Skycole'	HONEYLOCUST	2"	BB 13
ORNAMENTAL TREES	SIZE	ROOT	QTY.
Amelanchier	SERVICEBERRY multi stem	12"	BB 7
Betula nigra	RIVER BIRCH multi stem	12"	BB 8
Malus 'Red Jewel'	RED JEWEL CRAB multi stem	1"	BB 14
CONIFEROUS TREES	SIZE	ROOT	QTY.
Picea glauca densata	BLACK HILLS SPRUCE	6"	HT. 11
Pinus nigra	AUSTRIAN PINE	6"	HT. 9
Pinus sylvestris	SCOTCH PINE	6"	HT. 6
SHRUBS	SIZE	ROOT	QTY.
Viburnum lentago	NANNYBERRY VIBURNUM	24"	HT 14
Cornus sericea 'Cardinal'	CARDINAL DOGWOOD	24"	HT 29
Syringa vulgaris	COMMON PURPLE LILAC	24"	HT 27

NATIVE SEED MIX FOR BERM

Common Name	Scientific Name	Rate (kg/ha)	Rate (lb/ac)	% of Mix (% by wt)	Seeds/sq ft
big bluestem	Andropogon gerardii	1.12	1.00	2.90%	3.68
side-oats grama	Bouteloua curtipendula	1.12	1.00	2.89%	2.20
kalm's brome	Bromus kalmii	1.68	1.50	4.34%	4.40
nodding wild rye	Elymus canadensis	1.40	1.25	3.61%	2.38
bottlebrush grass	Elymus hystrix	0.36	0.32	0.91%	0.88
slender wheatgrass	Elymus trachycaulus	1.40	1.25	3.64%	3.18
switchgrass	Panicum virgatum	0.07	0.06	0.17%	0.30
little bluestem	Schizachyrium scoparium	0.69	0.62	1.79%	3.40
Indian grass	Sorghastrum nutans	1.12	1.00	2.89%	4.40
Total Grasses		8.97	8.00	23.14%	24.82
common yarrow	Achillea millefolium	0.03	0.03	0.09%	2.00
blue giant hyssop	Agastache foeniculum	0.11	0.10	0.28%	3.20
white snakeroot	Ageratina altissima	0.03	0.03	0.09%	1.70
white prairie clover	Dalea candida	0.19	0.17	0.50%	1.20
Canada tick trefoil	Desmodium canadense	0.16	0.14	0.42%	0.29
ox-eye	Helopsis helianthoides	0.15	0.13	0.38%	0.30
wild bergamot	Monarda fistulosa	0.07	0.06	0.18%	1.60
stiff goldenrod	Oligoneuron rigidum	0.07	0.06	0.17%	0.90
Clayton's sweet cicely	Osmorhiza claytonii	0.07	0.06	0.17%	0.06
smooth wild rose	Rosa blanda	0.07	0.06	0.17%	0.06
black-eyed susan	Rudbeckia hirta	0.20	0.18	0.52%	6.10
lance-leaved Figwort	Scrophularia lanceolata	0.06	0.05	0.14%	3.20
zigzag goldenrod	Solidago flexicaulis	0.02	0.02	0.05%	0.50
showy goldenrod	Solidago speciosa	0.07	0.06	0.18%	1.80
smooth aster	Symphotrichum laeve	0.07	0.06	0.19%	1.30
American vetch	Vicia americana	0.20	0.18	0.52%	0.14
golden alexanders	Zizia aurea	0.12	0.11	0.33%	0.46
Total Forbs		1.68	1.50	4.38%	24.80
Oats or winter wheat (see note at beginning of list for recommended dates)		28.02	25.00	72.48%	11.14
Total Cover Crop		28.02	25.00	72.48%	11.14
Totals:		38.67	34.50	100.00%	60.75
Purpose:	Partly shaded grassland planting for native roadsides, reclamation, etc.				
Planting Area:	Tallgrass Aspen Parklands, Prairie Parkland, and Eastern Broadleaf Forest Provinces. Mn/DOT Districts 2(west), 3B, 4, Metro, 6, 7 & 8.				



BENCHMARK

- Anoka County Benchmark No. 3076
Elev. = 890.166 (NAVD 88)
- Anoka County Benchmark No. 2078
Elev. = 899.499 (NAVD 88)

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 Fax: (763) 489-7959
 www.carlsonmccain.com

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 Landscape Architect under the laws of the State of Minnesota.
 Date: 12/04/19 License #: 56346

Print Name: Ryan J. Ruttger
 Signature: [Signature]
 Drawn: SDB
 Designed: SDB
 Date: 04/13/18

Revisions:
 1. 5/24/17 Per City Comments
 2. 6/23/17 Per City Comments
 3. 4/13/18 Revise Street names, B12L15-28 & B13L1-13 & add NE Trail
 4. 6/13/18 Per City Comments
 5. 12/4/19 Revise Layout Per Owner

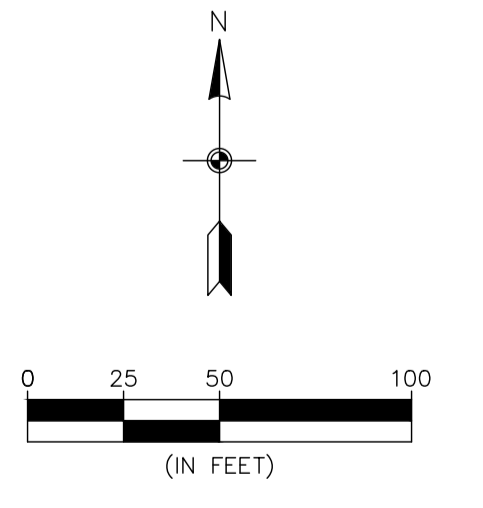
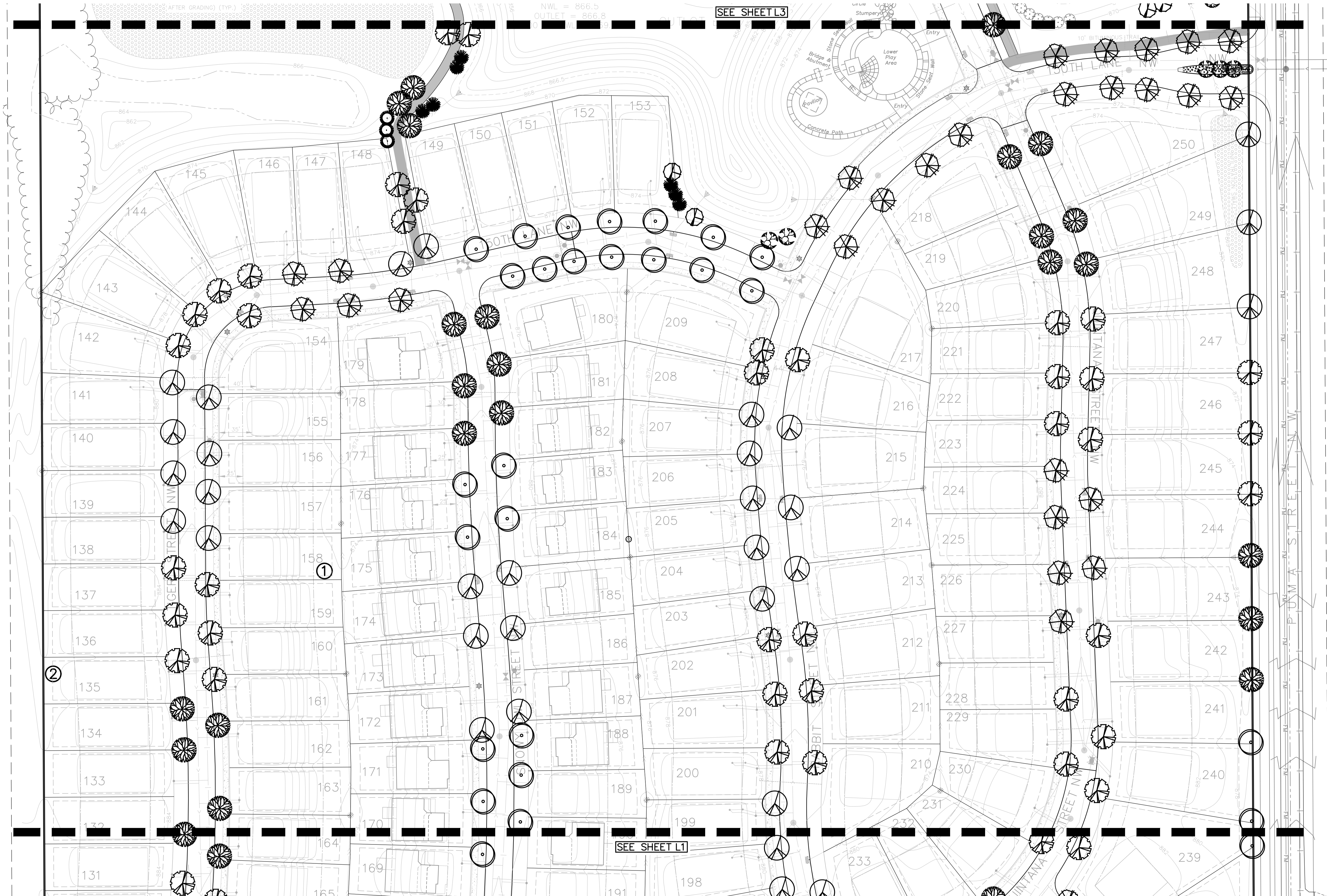
RIVERSTONE DEVELOPMENT, LLC.
 14015 Sunfish Lake B, Suite 400
 Ramsey, MN 55303

RIVERSTONE
 Ramsey, MN

LANDSCAPE PLAN

LANDSCAPE SCHEDULE

OVERSTORY TREES		SIZE	ROOT	QTY.
	Quercus bicolor SWAMP WHITE OAK	2"	BB	28
	Acer X freemanii 'Jeffersred' AUTUMN BLAZE MAPLE	2"	BB	24
	Tilia americana 'Boulevard' BOULEVARD LINDEN	2"	BB	27
	Celtis occidentalis HACKBERRY	2"	BB	39
	Gleditsia tricanthos var. inermis 'Skycole' HONEYLOCUST	2"	BB	22
ORNAMENTAL TREES		SIZE	ROOT	QTY.
	Amelanchier SERVICEBERRY multi stem	12'	BB	2
	Betula nigra RIVER BIRCH multi stem	12'	BB	-
	Malus 'Red Jewel' RED JEWEL CRAB multi stem	1"	BB	5
CONIFEROUS TREES		SIZE	ROOT	QTY.
	Picea glauca densata BLACK HILLS SPRUCE	6'	HT.	3
	Pinus nigra AUSTRIAN PINE	6'	HT.	-
	Pinus sylvestris SCOTCH PINE	6'	HT.	7
SHRUBS		SIZE	ROOT	QTY.
	Viburnum lentago NANNYBERRY VIBURNUM	24"	HT.	-
	Cornus sericea 'Cardinal' CARDINAL DOGWOOD	24"	HT.	-
	Syringa vulgaris COMMON PURPLE LILAC	24"	HT.	-



BENCHMARK
 1. Anoka County Benchmark No. 3076
 Elev. = 890.186 (NAVD 88)
 2. Anoka County Benchmark No. 2078
 Elev. = 899.499 (NAVD 88)

Carlson McCain
 • environmental
 • engineering
 • surveying

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Print Name: Ryan J. Rutger
 Signature:

Date: 12/04/19 License #: 56346

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