

City of Ramsey
Agenda
Environmental Policy Board (EPB)
Monday, July 16, 2018
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 June 18, 2018
- 5. Policy Board Business**
 1. Consider Landscape Plan for Lazy Days RV Site Plan (Project No. 18-126)
 2. Consider Landscape Plan for Sterling Trophy Site Plan (Project No. 18-125)
- 6. Board/Staff Input**
 1. Board/Staff Updates
- 7. Adjournment**

Environmental Policy Board (EPB)

4. 1.

Meeting Date: 07/16/2018

By: Chris Anderson, Community
Development

Information

Title:

Approve Meeting Minutes Dated June 18, 2018

Action:

Attachments

Meeting Minutes Dated June 18, 2018

Form Review

Inbox

Tim Gladhill

Form Started By: Chris Anderson

Final Approval Date: 07/13/2018

Reviewed By

JoAnn Shaw

Date

07/13/2018 12:02 PM

Started On: 07/13/2018 10:54 AM

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

On Monday, June 18, 2018, 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 Melissa Fetterley
 Board Member Michael Hiatt
 Board Member Michael Madison
 Board Member Laura Moore

Members Absent: Board Member Jane Covart

Also Present: City Planner Chris Anderson
 City Planning Intern Peggy Sue Imihy
 Acting Mayor John LeTourneau

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

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

4. APPROVE MINUTES

4.01: Approve Meeting Minutes Dated May 21, 2018

Motion by Board Member Bernard and seconded by Board Member Fetterley to approve the regular meeting minutes dated May 21, 2018.

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

5. POLICY BOARD BUSINESS

5.01: Consider Variance Request to Place a Detached Accessory Building within the Required Setback from the Ordinary High Water Mark of the Rum River at 15795 Juniper Ridge Drive NW (Project No. 18-123); Case of Rick and Diane Farrell

City Planner Anderson presented the staff report. He explained that the City has received an application from Rick and Diane Farrell for a variance to construct a detached accessory building within the required setback from the Rum River on the property located at 15795 Juniper Ridge Drive NW. He recommended approval of the requested variance conditioned upon the applicant moving the location of the shed so that it is in line with the front wall of the home on the subject property. He noted that while this may be more visible from the road, it certainly increases the setback from the OHW closer to about 120 feet. He noted that this also appears to essentially eliminate the need for removing any existing trees and ensures that the shed is not within the Scenic Easement.

Board Member Moore stated that it appears to be something already in the location proposed by staff.

City Planning Intern Imihy replied that each variance must be considered on its own merit and therefore even though the neighbor has a building in that location, this request must be considered separately. She stated that in the proposed location on this property would simply be some landscaping materials.

Board Member Fetterley asked the number of trees that would be removed.

City Planning Intern Imihy replied that the proposed structure is a one car garage. She stated that a tree inventory has not yet been done to determine the number of trees that would be removed, or the number of those that are dead.

Acting Mayor LeTourneau asked if the applicant would be required to comply with the tree preservation ordinance.

City Planner Anderson stated that if the tree preservation standards are applied to the lot, the applicant would not exceed the removal thresholds that would require replanting. He stated that if there is a deviation from code, a reasonable condition could be to require additional native plantings.

Board Member Hiatt asked if there has been any feedback from the neighbors.

City Planning Intern Imihy stated that there will be a public hearing as part of the variance review, which will occur at the Planning Commission meeting.

City Planner Anderson stated that notification has not yet been sent to those within 350 feet of the project boundary for the July 12th Planning Commission. He stated that comments have not yet been received because the issue has not yet been noticed.

Acting Mayor LeTourneau asked for input on the purpose of the EPB reviewing this. He stated that in his opinion the Planning Commission would have more input on the variance while the

focus of the EPB would be on the potential impact to the Scenic Overlay District, tree removal, and bank stabilization.

Board Member Hiatt commented that it appears that the property owner is more concerned with visibility from the road while the policy addresses the view from the river. He believed that the Board should support protection of the scenic view from the river and therefore would support the first or second alternatives proposed in the staff report.

Chairperson Valentine agreed and noted that it appears that the Board would like to help preserve/restore the property landscaping in an attempt to prevent erosion.

City Planner Anderson stated that moving the structure forward on the property would provide additional space for infiltration before stormwater enters the river. He stated that the concern is with the existing natural vegetation which plays a role in maintaining the bank integrity. He noted that there will be soil disturbance and removal of plants. He stated that there are other open space areas on the property that would not require removal of vegetation and that would provide sufficient space for infiltration. He stated that this would add impervious surface and therefore there is an opportunity to provide a condition that a number of plantings accompany the request. He stated that the use of gutters and rain barrels would also help to prevent erosion. He believed that moving the structure forward would minimize disturbance.

Motion by Board Member Hiatt and seconded by Board Member Fetterley to recommend approval of the requested variance conditioned upon the applicant moving the location of the shed so that it is no closer to the OHW than the rear wall of the home on the subject property.

Further discussion: Acting Mayor LeTourneau stated that in his observation the homeowner appears to have a high level of concern of their property and has done a good job maintaining the natural state. He stated that the homeowner has also asked for the opinion of the City in this matter, which he appreciates. He noted that this recommendation supports the least amount of environmental impact and protection of the scenic viewshed of the river. City Planner Anderson clarified the motion that was made via alternative two in the staff report. Board Member Hiatt stated that his intention was to support alternative one.

Board Member Hiatt rescinded the motion, seconded by Board Member Fetterley.

Motion by Board Member Hiatt and seconded by Board Member Fetterley to recommend approval of the requested variance conditioned upon the applicant moving the location of the shed so that it is in line with the front wall of the home on the subject property.

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

5.02: Update on Cooperative Weed Management Partnership

City Planner Anderson presented the staff report. He stated that City staff has been attending meetings coordinated by the Anoka County Conservation District (ACD) regarding a Cooperative Weed Management Area (CWMA) Partnership to address invasive and noxious weeds within the county. He stated that there are several points of emphasis for this partnership including mapping

locations of noxious weeds, better coordination of public education efforts, and potential access to grant funds by private property owners for noxious weed control. He stated that participation in the CWMA does require execution of a Memorandum of Understanding (MOU), which is a non-binding agreement that outlines the five main goals: information exchange, education, prevention, noxious weed control, and cooperation. He recommended that the Board recommend that the City Council authorize execution of the MOU for Ramsey to officially join the Anoka County Weed Management Area Partnership. The MOU does not obligate the City to do anything and provides Ramsey residents with potential access to grant funds to address noxious weeds on private land. The ACD would act as the grant administrator, thus this does not add any additional responsibility on City staff. He noted that the spirit of the partnership is to encourage information sharing, public education, and enhanced control of noxious weeds, which can have detrimental health impacts.

Chairperson Valentine asked for an update on the additional resources that this may require of staff.

City Planner Anderson replied that perhaps .25 FTE but noted that he already acts in this role and therefore this will not be additional work as he already completes this work. He stated that the additional activity would be for him to forward the information to the Conservation District, who would then visit the site, map the information, and conduct treatment.

Chairperson Valentine commented that this is a terrific program and just wanted to make sure that this would not be additional work for staff.

Acting Mayor LeTourneau asked for additional information comparing the current process today and the process that would occur under the MOU.

City Planner Anderson explained that this would open the door for the potential access to grant funds. He noted that the total grant is \$20,000 and therefore will not solve all the issues. He stated that property owners would have an opportunity to apply in a competitive atmosphere to address noxious weed on their property. He stated that otherwise the process would not be different. He explained that the grant would be for a cost-share where the homeowner would pay for the removal and then could potentially be reimbursed for a portion of the cost. He stated that this would also bring in cooperation and information sharing between the communities, as plants do not know municipal boundaries.

Motion by Chairperson Valentine and seconded by Board Member Hiatt to recommend that City Council authorize execution of the MOU to participate in the Anoka County Cooperative Weed Management Area Partnership.

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

6. BOARD / STAFF INPUT

Chairperson Valentine welcomed the newest member of the EPB and asked the new member to introduce himself.

Board Member Madison introduced himself and stated that he is excited to be a part of the Board and to be involved in the community.

City Planner Anderson stated that he met with ACE Solid Waste today to talk about recycling. He stated that there are some changes occurring that have impacts on recycling and provided an update. He stated that he will continue to follow the issue and provide updates to the Board.

Board Member Hiatt noted that he and Board Member Moore attended the tree survey training and complimented staff for a well-organized event. He stated that it was a fun experience and he looks forward to being a part of the survey.

City Planner Anderson stated that there will be two more training events, in the middle of July and again in August, for those residents that would still like to participate.

7. ADJOURNMENT

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

The meeting adjourned at 7:52 p.m.

Respectfully submitted,

Chris Anderson
City Planner

ATTEST:

JoAnn Shaw
Community Development Secretary

Drafted by Amanda Staple
TimeSaver Off Site Secretarial, Inc.

Meeting Date: 07/16/2018

By: Chris Anderson, Community
Development

Information

Title:

Consider Landscape Plan for Lazy Days RV Site Plan (Project No. 18-126)

Purpose/Background:

Lazy Days RV (the "Applicant") is in the process of acquiring Shorewood RV, located at 8390 Riverdale Drive NW (the "Subject Property"). As part of the acquisition, the Applicant is proposing to replat Outlot A Alpaca Estates 4th Addition into a buildable lot and construct a 29,600 square foot, thirty (30) bay maintenance facility for their RV operation. A Landscape Plan was included with their Site Plan submittal.

Observations/Alternatives:

The Subject Property is located within the B-2 Highway Business District. The MLCCS identifies the Subject Property as dry grassland with no significant natural resources. The Subject Property is essentially devoid of any existing tree cover. There are no wetlands or floodplains on the Subject Property either.

The landscaping requirements of the B-2 District are based on either the building footprint (1 tree per 1,000 sq. ft.) or site perimeter (1 tree per every 50 lineal feet), whichever is greater. Also, for every ten (10) parking stalls, an additional tree is required. The Subject Property also abuts an existing residential parcel to the south, so a forty (40) foot bufferyard is also applicable along that common boundary.

The proposed landscaping includes a mix of deciduous and coniferous trees and shrubs. It appears that there was an errant calculation on the required shrubs and that number will be able to be reduced significantly if the Applicant so desires. The species are all acceptable and meet the minimum size requirements.

The Landscape Plan does include fourteen (14) evergreen trees, with some deciduous trees interspersed among them, along the south lot line. Additionally, a six (6) foot tall cedar privacy fence is also proposed along the southern lot line. The combination of landscaping and 100% opaque fencing appears to satisfy the bufferyard requirement between the differing uses (commercial adjacent to residential).

There is also a Lighting Plan provided demonstrating how the Subject Property will be illuminated. The plan appears to comply with the City's lighting standards. They will utilize LED lighting with recessed bulbs so the bulbs are not visible from off the Subject Property.

Funding Source:

All costs associated with this request are the Applicant's responsibility.

Action:

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

Attachments

Site Location Map

Landscape Plan

Staff Review Letter

Form Review

Inbox

Tim Gladhill
Chris Anderson (Originator)
Tim Gladhill
Form Started By: Chris Anderson
Final Approval Date: 07/13/2018

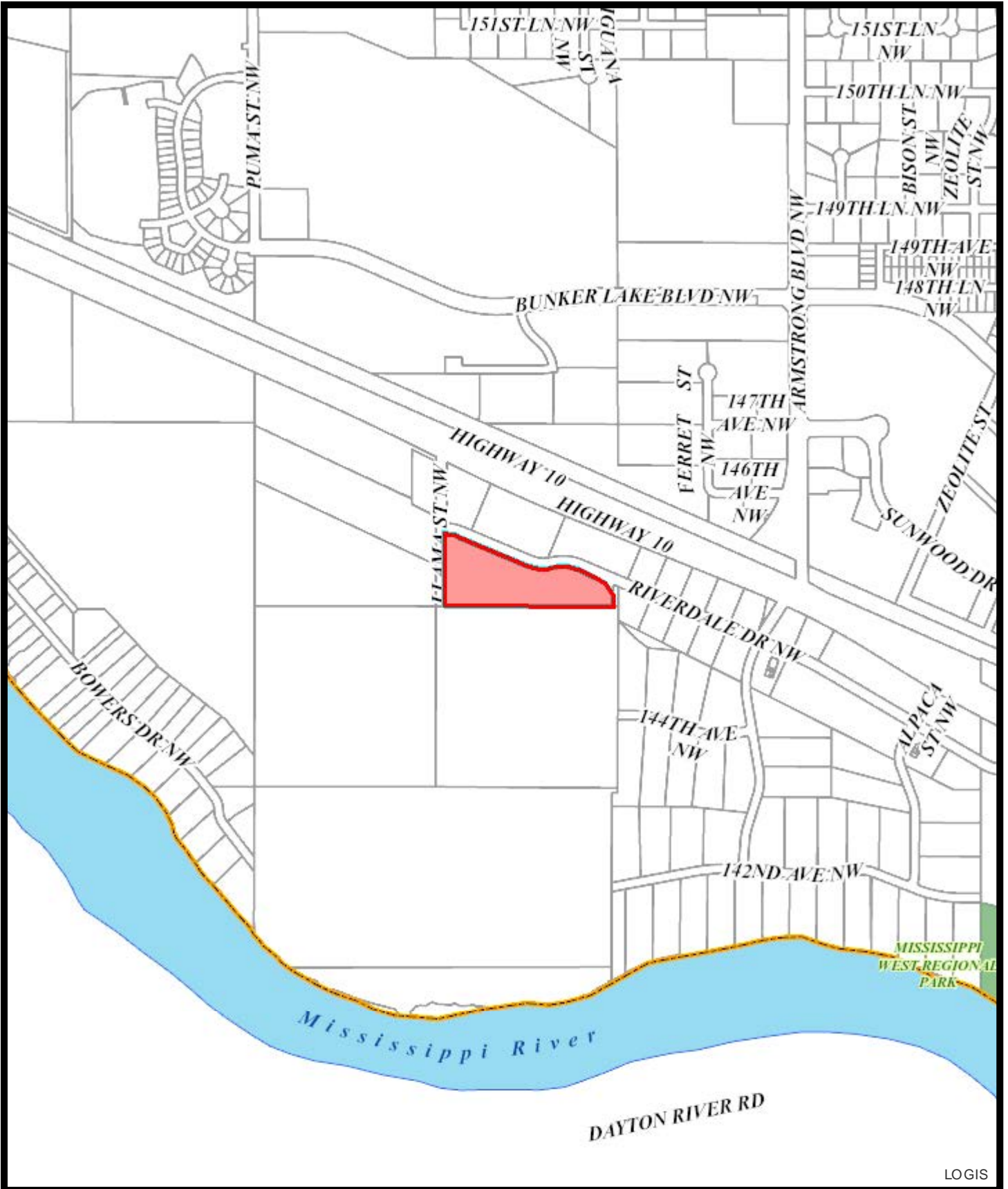
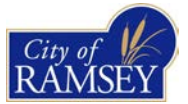
Reviewed By

Chris Anderson
Chris Anderson
JoAnn Shaw

Date

07/13/2018 10:08 AM
07/13/2018 10:13 AM
07/13/2018 12:02 PM
Started On: 07/13/2018 09:29 AM

Site Location Map



PLANT SCHEDULE - ENTIRE SITE

SYM	QUANT.	COMMON NAME	BOTANICAL NAME	SIZE	ROOT	COMMENTS
DECIDUOUS TREES						
NRM	11	NORTHWOOD RED MAPLE	<i>Acer rubrum 'Northwood'</i>	2" CAL	B&B	STRAIGHT LEADER, FULL FORM
SHL	7	SWAMP WHITE OAK	<i>Quercus bicolor</i>	2" CAL	B&B	STRAIGHT LEADER, FULL FORM
PE	14	PRINCETON ELM	<i>Ulmus americana 'Princeton'</i>	2" CAL	B&B	STRAIGHT LEADER, FULL FORM
PGM	14	PRINCETON GOLD MAPLE	<i>Acer platanoides 'Princeton Gold'</i>	2" CAL	B&B	STRAIGHT LEADER, FULL FORM
EVERGREEN TREES						
BHS	14	BLACK HILLS SPRUCE	<i>Picea glauca 'Densa'</i>	6" HT	B&B	STRAIGHT LEADER, FULL FORM
SHRUBS - CONIFEROUS & EVERGREEN						
AFD	81	ARCTIC FIRE DOGWOOD	<i>Cornus sericea 'Farrow'</i>	24" HT	CONT.	
SWN	37	SUMMERSHINE NINEBARK	<i>Physocarpus opulifolius 'Seward'</i>	24" HT	CONT.	
PS	67	PROUDMENS SPRUCE	<i>Picea pungens 'Pride of Scotland'</i>	24" HT	CONT.	
NCB	347	NORTHERN CHARM BOXWOOD	<i>Buxus 'Wilson'</i>	24" HT	CONT.	
GLS	21	GRO-LOW SUMAC	<i>Rhus aromatica 'Gro-Low'</i>	24" HT	CONT.	
PERENNIALS & GRASSES						
RS	58	RUSSIAN SAGE	<i>Perovskia atriplicifolia</i>	#1	CONT.	
BES	67	GOLDSUNN RUDBECKIA	<i>Rudbeckia lugida 'Goldstun'</i>	#1	CONT.	

IRRIGATION NOTES:

- ENTIRE SITE SHALL BE FULLY IRRIGATED. THE CONTRACTOR SHALL SUBMIT IRRIGATION SHOP DRAWINGS FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- SEE MECHANICAL AND ELECTRICAL PLANS AND SPECIFICATIONS FOR IRRIGATION WATER, METER, AND POWER CONNECTIONS.
- CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND ABOVE GROUND FACILITIES PRIOR TO ANY EXCAVATION/INSTALLATION. ANY DAMAGE TO UNDERGROUND ABOVE GROUND FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND COSTS ASSOCIATED WITH CORRECTING DAMAGES SHALL BE BORNE ENTIRELY BY THE CONTRACTOR.
- SERVICE EQUIPMENT AND INSTALLATION SHALL BE PER LOCAL UTILITY COMPANY STANDARDS AND SHALL BE PER NATIONAL AND LOCAL CODES. EXACT LOCATION OF SERVICE EQUIPMENT SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT OR EQUIVALENT AT THE JOB SITE.
- CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANY FOR THE PROPOSED ELECTRICAL SERVICE AND METERING FACILITIES.
- IRRIGATION WATER LINE CONNECTION SIZE IS 1/2" AT BUILDING. VERIFY WITH MECHANICAL PLANS COVERAGE.
- ALL MAIN LINES SHALL BE 18" BELOW FINISHED GRADE.
- ALL LATERAL LINES SHALL BE 12" BELOW FINISHED GRADE.
- ALL EXPOSED PVC RISERS, IF ANY, SHALL BE GRAY IN COLOR.
- CONTRACTOR SHALL LAY ALL SLEEVES AND CONDUIT AT 2'-0" BELOW THE FINISHED GRADE OF THE TOP OF PAVEMENT. EXTEND SLEEVES TO 2'-0" BEYOND PAVEMENT.
- CONTRACTOR SHALL MARK THE LOCATION OF ALL SLEEVES AND CONDUIT WITH THE SLEEVING MATERIAL "ELLED" TO 2'-0" ABOVE FINISHED GRADE AND CAPPED.
- FABRICATE ALL PIPE TO MANUFACTURER'S SPECIFICATIONS WITH CLEAN AND SQUARE CUT JOINTS. USE QUALITY GRADE PRIMER AND SOLVENT CEMENT FORMULATED FOR INTENDED TYPE OF CONNECTION.
- BACKFILL ALL TRENCHES WITH SOIL FREE OF SHARP OBJECTS AND DEBRIS.
- ALL VALVE BOXES AND COVERS SHALL BE BLACK IN COLOR.
- GROUP VALVE BOXES TOGETHER FOR EASE WHEN SERVICE IS REQUIRED. LOCATE IN PLANT BED AREAS WHENEVER POSSIBLE.
- IRRIGATION CONTROLLER LOCATION SHALL BE VERIFIED ON-SITE WITH OWNER'S REPRESENTATIVE.
- CONTROL WIRES: 14 GAUGE DIRECT BURIAL, SOLID COPPER IRRIGATION WIRE. RUN UNDER MAIN LINE. USE MOISTURE-PROOF SPLICES AND SPLICE ONLY AT VALVES OR PULL BOXES. RUN SEPARATE HOT AND COMMON WIRE TO EACH VALVE AND ONE (1) SPARE WIRE AND GROUND TO FURTHEST VALVE FROM CONTROLLER. LABEL OR COLOR CODE ALL WIRES.
- AVOID OVER SPRAY ON BUILDINGS, PAVEMENT, WALLS AND ROADWAYS BY INDIVIDUALLY ADJUSTING RADIUS OR ARC ON SPRINKLER HEADS AND FLOW CONTROL ON AUTOMATIC VALVE.
- ADJUST PRESSURE REGULATING VALVES FOR OPTIMUM PRESSURE ON SITE.
- USE SCREENS ON ALL HEADS.
- A SET OF AS-BUILT DRAWINGS SHALL BE MAINTAINED ON-SITE AT ALL TIMES IN AN UPDATED CONDITION.
- ALL PIPE 3" AND OVER SHALL HAVE THRUST BLOCKING AT EACH TURN.
- ALL AUTOMATIC REMOTE CONTROL VALVES WILL HAVE 3" MINIMUM DEPTH OF 3/4" WASHED GRAVEL UNDERNEATH VALVE AND VALVE BOX. GRAVEL SHALL EXTEND 3" BEYOND PERIMETER OF VALVE BOX.
- THERE SHALL BE 3" MINIMUM SPACE BETWEEN BOTTOM OF VALVE BOX COVER AND TOP OF VALVE STRUCTURE.

LANDSCAPE NOTES:

- WHERE SHOWN, SHRUBS & PERENNIAL BEDS SHALL BE MULCHED WITH 4" DEPTH (MINIMUM) AFTER INSTALLATION AND OR TOP DRESSING OPERATIONS OF SHREDED CYPRESS MULCH.
- ALL TREES SHALL BE MULCHED WITH SHREDED CYPRESS MULCH TO OUTER EDGE OF SAUCER OR TO EDGE OF PLANTING BED, IF APPLICABLE. ALL MULCH SHALL BE KEPT WITHIN A MINIMUM OF 2" FROM TREE TRUNK.
- IF SHOWN ON PLAN, RANDOM SIZED LIMESTONE BOULDERS COLOR AND SIZE TO COMPLEMENT NEW LANDSCAPING. OWNER TO APPROVE BOULDER SAMPLES PRIOR TO INSTALLATION.
- PLANT MATERIALS SHALL CONFORM WITH THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS AND SHALL BE OF HARDY STOCK, FREE FROM DISEASE, DAMAGE AND DISFIGURATION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PLUMPNESS OF PLANT MATERIAL FOR DURATION OF ACCEPTANCE PERIOD.
- UPON DISCOVERY OF A DISCREPANCY BETWEEN THE QUANTITY OF PLANTS SHOWN ON THE SCHEDULE AND THE QUANTITY SHOWN ON THE PLAN, THE PLAN SHALL GOVERN.
- CONDITION OF VEGETATION SHALL BE MONITORED BY THE LANDSCAPE ARCHITECT THROUGHOUT THE DURATION OF THE CONTRACT. LANDSCAPE MATERIALS PART OF THE CONTRACT SHALL BE WARRANTED FOR ONE (1) FULL GROWING SEASONS FROM SUBSTANTIAL COMPLETION DATE.
- ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL RECEIVE 4" LAYER LOAM AND SOG AS SPECIFIED UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- COORDINATE LOCATION OF VEGETATION WITH UNDERGROUND AND OVERHEAD UTILITIES, LIGHTING FIXTURES, DOORS AND WINDOWS. CONTRACTOR SHALL STAKE IN THE FIELD FINAL LOCATION OF TREES AND SHRUBS FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- ALL PLANT MATERIALS SHALL BE WATERED AND MAINTAINED UNTIL ACCEPTANCE.
- REPAIR AT NO COST TO OWNER ALL DAMAGE RESULTING FROM LANDSCAPE CONTRACTOR'S ACTIVITIES.
- SWEEP AND MAINTAIN ALL PAVED SURFACES FREE OF DEBRIS GENERATED FROM LANDSCAPE CONTRACTOR'S ACTIVITIES.
- REPAIR AT NO COST TO THE OWNER IRRIGATION SYSTEM DAMAGED FROM LANDSCAPE CONSTRUCTION ACTIVITIES.
- PROVIDE SITE WIDE IRRIGATION SYSTEM DESIGN AND INSTALLATION. SYSTEM SHALL BE FULLY PROGRAMMABLE AND CAPABLE OF ALTERNATE DATE WATERING. THE SYSTEM SHALL PROVIDE HEAD TO HEAD OR DRIP COVERAGE AND BE CAPABLE OF DELIVERING ONE INCH OF PRECIPITATION PER WEEK. SYSTEM SHALL EXTEND INTO THE PUBLIC RIGHT-OF-WAY TO THE EDGE OF PAVEMENT BACK OF CURB.
- CONTRACTOR SHALL SECURE APPROVAL OF PROPOSED IRRIGATION SYSTEM INCLUDING PRICING FROM OWNER PRIOR TO INSTALLATION.
- CONTACT DON ZART AT (612)473-2728 FOR COORDINATION REGARDING PARK DEDICATION FEES.

LANDSCAPE CALCULATIONS:

PROPOSED LANDSCAPE:
 1 TREE / 50 SF OF SITE PERIMETER
 2,147.0 SF / 50 = 4 TREES REQUIRED
 SEE PLANT SCHEDULE

1 TREE / 1000 SF OF BUILDING FOOTPRINT AREA
 29,600.0 SF / 1000 = 30 TREES REQUIRED
 SEE PLANT SCHEDULE

1 SHRUB / 1 LINEAL FOOT OF SITE PERIMETER
 2,147.0 SF / 1 = 2,147 SHRUBS REQUIRED
 SEE PLANT SCHEDULE

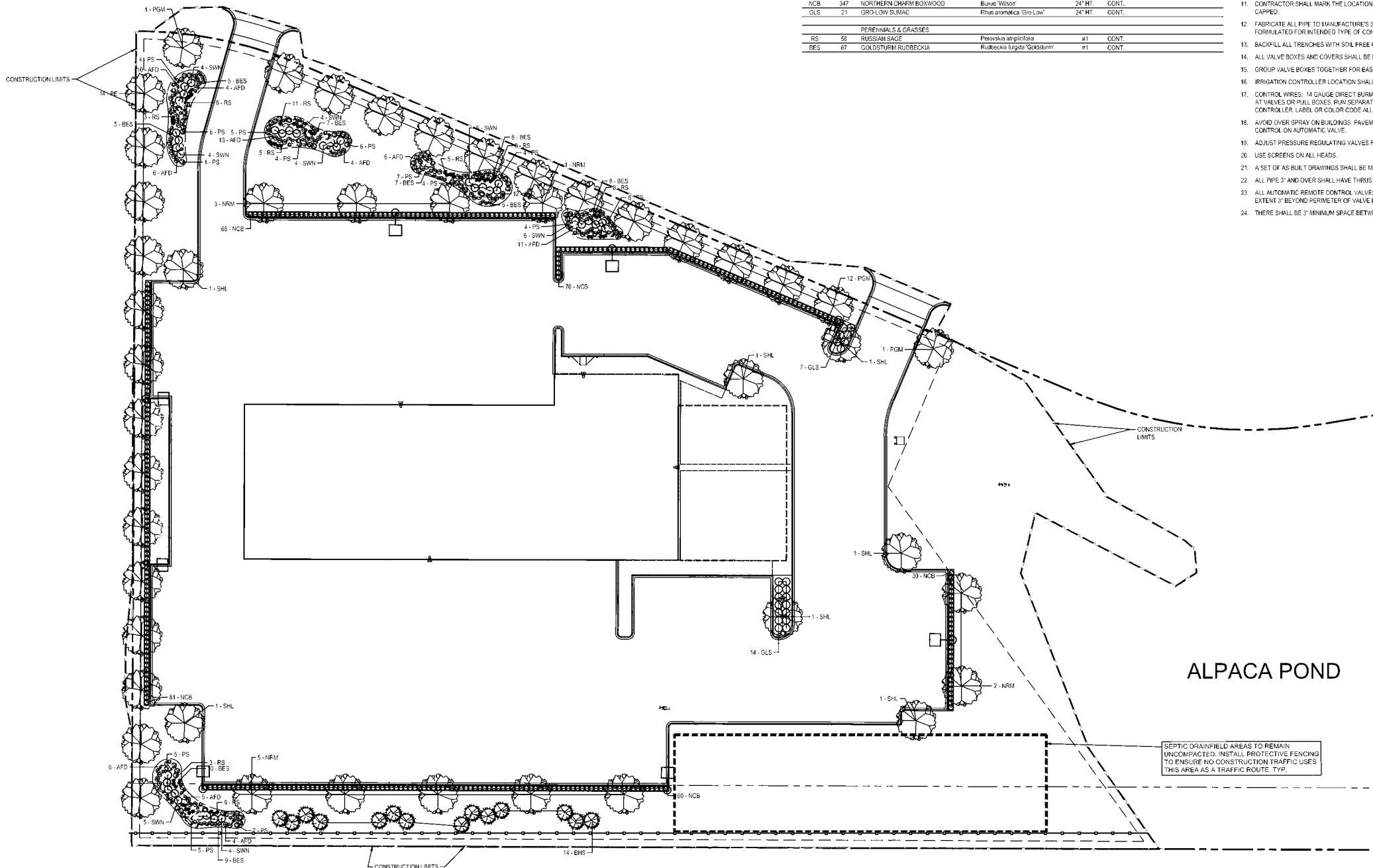
1 SHRUB / 300 SF OF BUILDING FOOTPRINT AREA
 29,600.0 SF / 300 = 99 SHRUBS REQUIRED
 SEE PLANT SCHEDULE

*WHICHEVER IS GREATER SHALL BE APPLIED

LEGEND

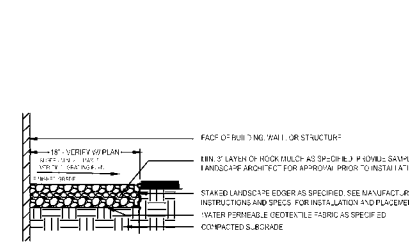
- SEED MIX 1 - MNDOT 34-262 WET PRAIRIE. PER MNDOT SEEDING MANUAL SPECIFICATIONS (2014).
- SEED TYPE 2 - MNDOT 35-221 DRY PRAIRIE GENERAL. PER MNDOT SEEDING MANUAL SPECIFICATIONS (2014).
- 1" DIA. DECORATIVE ROCK MAINTENANCE STRIP OVER FILTER FABRIC. SAMPLES REQUIRED. PROVIDE EDGING AS SHOWN ON PLAN.
- 2" x 4" DIA. ANGULAR RIP-RAP, MIN 6" DEPTH - SAMPLES REQUIRED.
- ALL PLANTING SHRUB BEDS - SHREDED CYPRESS MULCH. SAMPLES REQUIRED. PROVIDE EDGING AS SHOWN ON PLAN.
- SOG
- PROPOSED CANOPY & EVERGREEN TREE SYMBOLS - SEE SCHEDULE AND PLAN FOR SPECIES AND PLANTING SIZES.
- PROPOSED DECIDUOUS AND EVERGREEN SHRUB SYMBOLS - SEE SCHEDULE AND PLAN FOR SPECIES AND PLANTING SIZES.
- PROPOSED PERENNIAL PLANT SYMBOLS - SEE SCHEDULE AND PLAN FOR SPECIES AND PLANTING SIZES.
- DECORATIVE BOULDERS: 18"-30" DIA.

GOPHER STATE ONE CALL
 WWW.GOPHERSTATEONECALL.MN.GOV
 (800) 251-1186 TOLL FREE
 (651) 454-0002 LOCAL

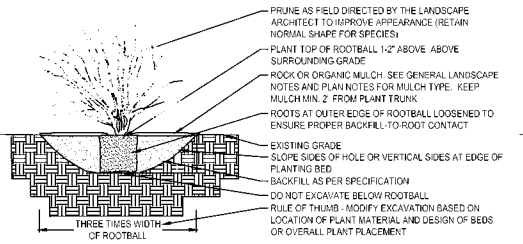


ALPACA POND

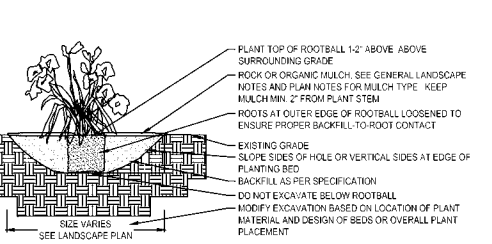
SEPTIC DRAINFIELD AREAS TO REMAIN UNCOMPACTED. INSTALL PROTECTIVE FENCING TO ENSURE NO CONSTRUCTION TRAFFIC USES THIS AREA AS A TRAFFIC ROUTE. TYP.



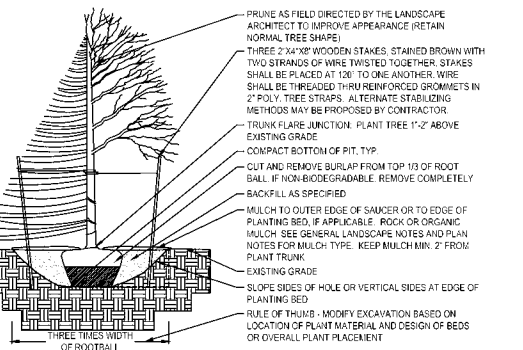
1 AGGREGATE MAINTENANCE STRIP
 N T S



2 DECIDUOUS & CONIFEROUS SHRUB PLANTING
 N T S



3 PERENNIAL BED PLANTING
 N T S



4 DECIDUOUS & CONIFEROUS TREE PLANTING
 N T S

PROJECT: LAZYDAYS OF MINNEAPOLIS

DATE: 07/09/15, LICENSE NO. 24950

ISSUES/SUBMITTAL SUMMARY

DATE	DESCRIPTION
07/09/15	CITY SUBMITTAL

REVISION SUMMARY

DATE	DESCRIPTION
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PROJECT NUMBER: 10213

LANDSCAPE PLAN

L1.0

CITY OF RAMSEY LAND USE APPLICATION
TECHNICAL REVIEW FILE

DATE	JULY 12, 2018	PROJECT ADDRESS	TBD
PROJECT. TITLE	LAZY DAYS RV		
ESCROW #	116453		
DEPARTMENT:	Community Development: Planning Division (Landscape Plan & Environmental Resources)		
TECHNICAL REVIEWER:	Name: Chris Anderson, City Planner Phone: 763-433-9817 Email: canderson@cityoframsey.com		

The proposed project is on what is presently Outlot A, Alpaca Estates 4th Addition and includes a plat to create a buildable lot. The property is in the B-2 Highway Business District and the standards from City Code [Section 117-115](#) are applicable. As this property is adjacent to land zoned R-1 Residential (MUSA) to the south, bufferyard plantings are also required (it appears that a combination of additional tree plantings and a six [6] foot tall cedar privacy fence are proposed to satisfy the bufferyard requirements).

We offer the following comments regarding the Landscape Plan, prepared by CivilSite Group and dated July 9, 2018:

Sheet L1:

- One tree per fifty (50) lineal feet of site perimeter or one tree per 1,000 square feet of building footprint, whichever is greater, is required. One tree for every ten (10) parking stalls is also required. This results in a total of fifty-three (53) trees required. However, the plantings must be increased by 25% because of the required bufferyard along the south lot line, thus, an additional thirteen (13) trees is required, bringing the total minimum required plantings to sixty-six (66) trees. A minimum of six (6) additional trees must be added to the Plant Schedule and should be conifers.
- One shrub per thirty (30) lineal feet of site perimeter or one shrub per 300 square feet of building footprint, whichever is greater, is required. The building footprint is 29,600, which requires ninety-nine (99) shrubs. The proposed number of shrubs greatly exceeds the minimum required and can be reduced if desired.
- At least twenty-five percent (25%) of the trees shall be coniferous. Update Planting Schedule to include a sufficient number conifers.
- Add Landscape Note specifying that all areas, including boulevards, not otherwise improved with impervious surfaces shall receive four (4) inches of topsoil meeting the City's topsoil specification. This includes boulevard areas between property boundaries and streets. Copies of the load tickets shall be provided to the City and a topsoil inspection shall be completed prior to installation of any landscaping.
- Update the Tree Planting Detail to specify that the top 1/3 to 1/2 of the wire basket shall also be removed.

Review File: Lazy Days RV

Landscape Review

July 12, 2018

Page 2 of 2

- Add note stating that any deviation from the approved Final Plat Schedule shall require approval of the City prior to installation.

Environmental Policy Board (EPB)

5. 2.

Meeting Date: 07/16/2018

By: Chris Anderson, Community
Development

Information

Title:

Consider Landscape Plan for Sterling Trophy Site Plan (Project No. 18-125)

Purpose/Background:

Sterling Trophy is working with the City on the potential purchase of the property located at 6710 Highway 10 NW (the "Subject Property"). They have submitted a Site Plan for the construction of a 4,000 square foot retail building for their business operation on the Subject Property. Their Site Plan submittal includes a Landscape Plan for review.

Observations/Alternatives:

The Subject Property does not appear to include any wetlands or floodplains. Furthermore, there appears to only be three (3) significant trees on the Subject Property, two of which will be preserved. The MLCCS identifies the Subject Property as being Urban with Vegetative Cover. The City's NRI did not indicate any significant natural features on the Subject Property.

The Subject Property is located within the B-2 Highway Business District. The landscaping requirements of the B-2 District are based on either the building footprint (1 tree per 1,000 sq. ft.) or site perimeter (1 tree per every 50 lineal feet), whichever is greater. Also, for every ten (10) parking stalls, an additional tree is required. The Subject Property is surrounded by parcels also zoned B-2 Highway Business or H-1 Highway 10 Business District (on north side of Highway 10). There is no bufferyard requirements for this project.

Staff is generally supportive of the Landscaping Plan with revisions outlined in the Staff Review Letter. Most notably, the proposed landscaping needs to be increased not only to comply with minimum planting requirements but also to incorporate evergreen trees (should contain no less than 25% evergreens and there are none included in the current plan). Also, notes need to be added to the plan sheet to call out the topsoil requirement as well. Finally, it appears that seed, rather than sod, is being proposed for the southern half of the Subject Property, which does require approval by the City Council.

Funding Source:

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

Action:

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

Attachments

Site Location Map

Landscape Plan

Staff Review Letter

Form Review

Inbox

Reviewed By

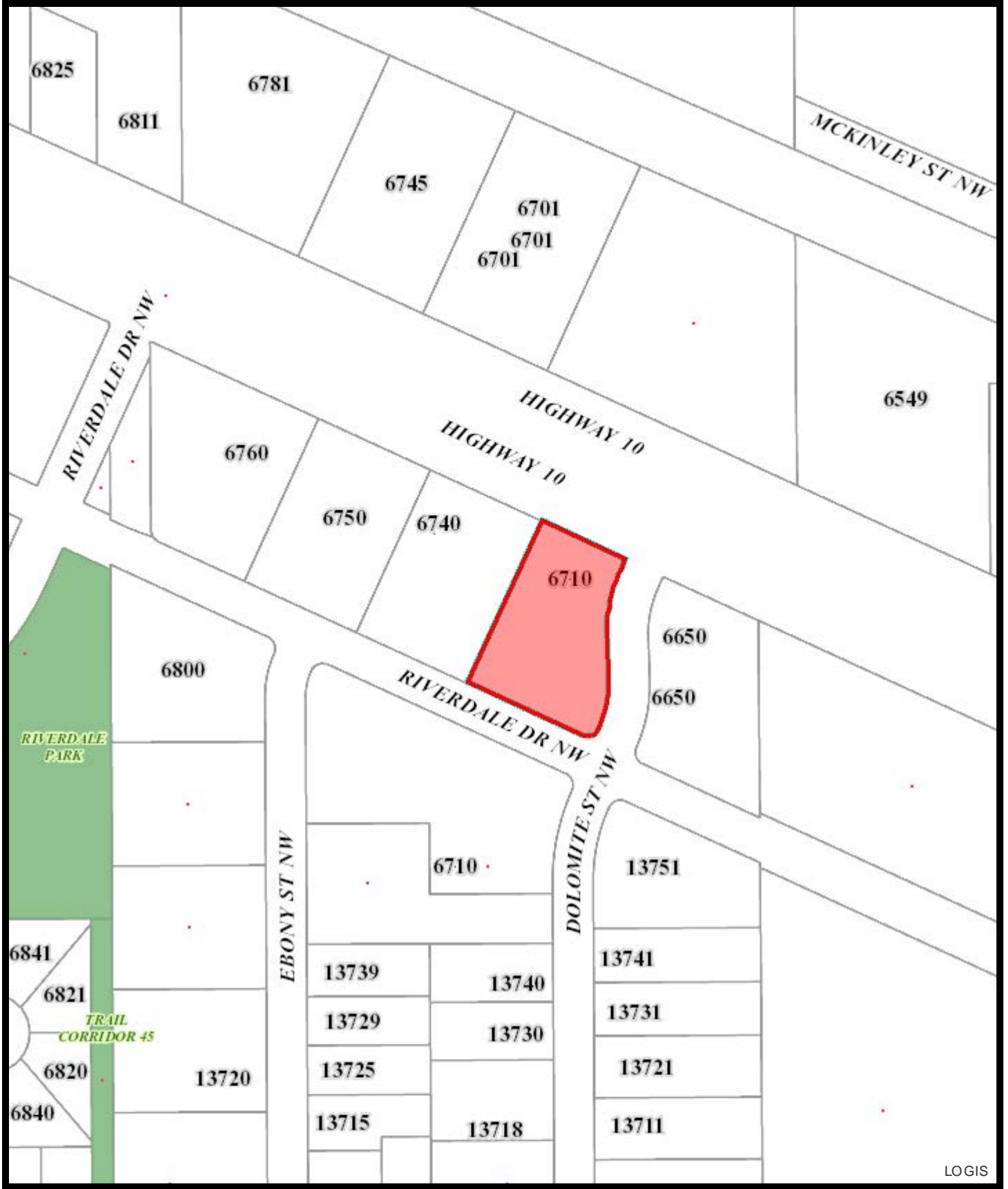
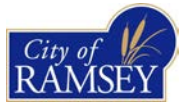
Date

Tim Gladhill
Form Started By: Chris Anderson
Final Approval Date: 07/13/2018

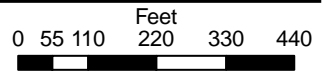
JoAnn Shaw

07/13/2018 12:02 PM
Started On: 07/13/2018 10:00 AM

Site Location Map



LOGIS



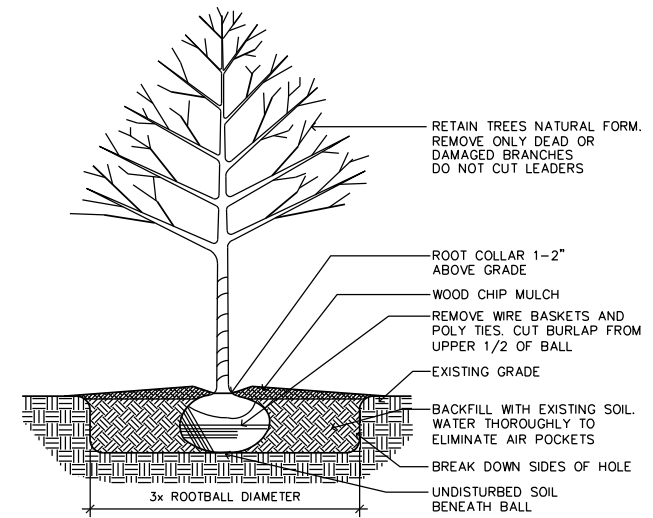
PLANTING SCHEDULE						
QTY.	KEY	COMMON NAME	BOTANICAL NAME	SIZE	MTHD	REMARKS
2	AB	AUTUMN BLAZE MAPLE	ACER FREEMANII	2.5" CAL.	BB	
2	IH	IMPERIAL HONEYLOCUS	GLEDITSIA TRICANTHOS	2.5" CAL.	BB	
1	RS	RED SPLENDOR CRAB	MALUS*HYBRIDS 'RED SPLENDOR'	1.5" CAL.	BB	
9	SR	SHRUB ROSE	ROSA 'KNOCKOUT'	12" TALL	CONT.	
8	BB	COMPACT BURNING BUSH	EUONYMUS ALATUS 'COMPACTA'	18"-24" TALL	CONT.	
5	PL	PURPLE LILAC	SYRINGA VULGARIS PURPUREA	36" TALL	CONT.	

LANDSCAPE NOTES:

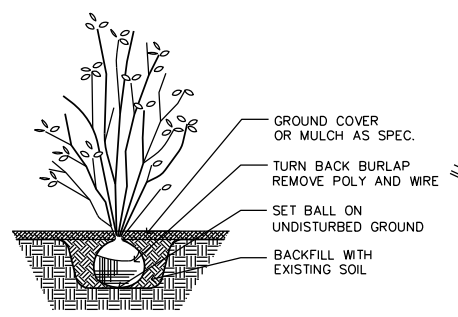
- SEED/SOD AREAS AS SHOWN ON THE PLAN.
- SEE PLAN FOR PLANTINGS LOCATED IN ROCK MULCH BED. ROCK MULCH BEDS SEPARATED FROM SOD BY BLACK VINYL EDGER. OTHER PLANTINGS TO HAVE WOOD MULCH RING TO PREVENT WEED GROWTH AND CONSERVE WATER.
- UNDERGROUND IRRIGATION SYSTEM TO BE PROVIDED FOR ALL FOUNDATION PLANTINGS AND TURF AREAS. PROVIDE MOISTURE SENSOR. IRRIGATION DESIGN BY CONTRACTOR.
- SEE PLAN FOR EXISTING TREES TO BE SAVED OR REMOVED
- TREE CALCULATION:
1 TREE PER 1,000 S.F. OF BUILDING S.F.
4,048 S.F. @ 1/1000 = 4 DECIDUOUS TREES
5 TREES PROVIDED
- SHRUB CALCULATION:
1 SHRUB PER 300 S.F. OF BUILDING S.F.
4,048 S.F. @ 1/300 = 14 SHRUBS
22 SHRUBS PROVIDED

SITE LIGHTING NOTES:

- LIGHTING SHOWN FOR SCHEMATIC PURPOSES ONLY. LIGHTING IS DESIGN-BUILD BY ELECTRICAL CONTRACTOR. VERIFY SIZE, STYLE, QUANTITY, AND LOCATION W/ OWNER AND CONTRACTOR. PROVIDE LIGHTING PHOTOMETRICS IF NECESSARY AT CITY'S REQUEST.
- ALL LIGHTING IS TO BE SHIELDED/DIRECTED AWAY FROM ADJACENT PROPERTIES AND STREET RIGHT OF WAYS.
- PROVIDE EMERGENCY EXIT LIGHTING AT ALL EXIT DOORS.

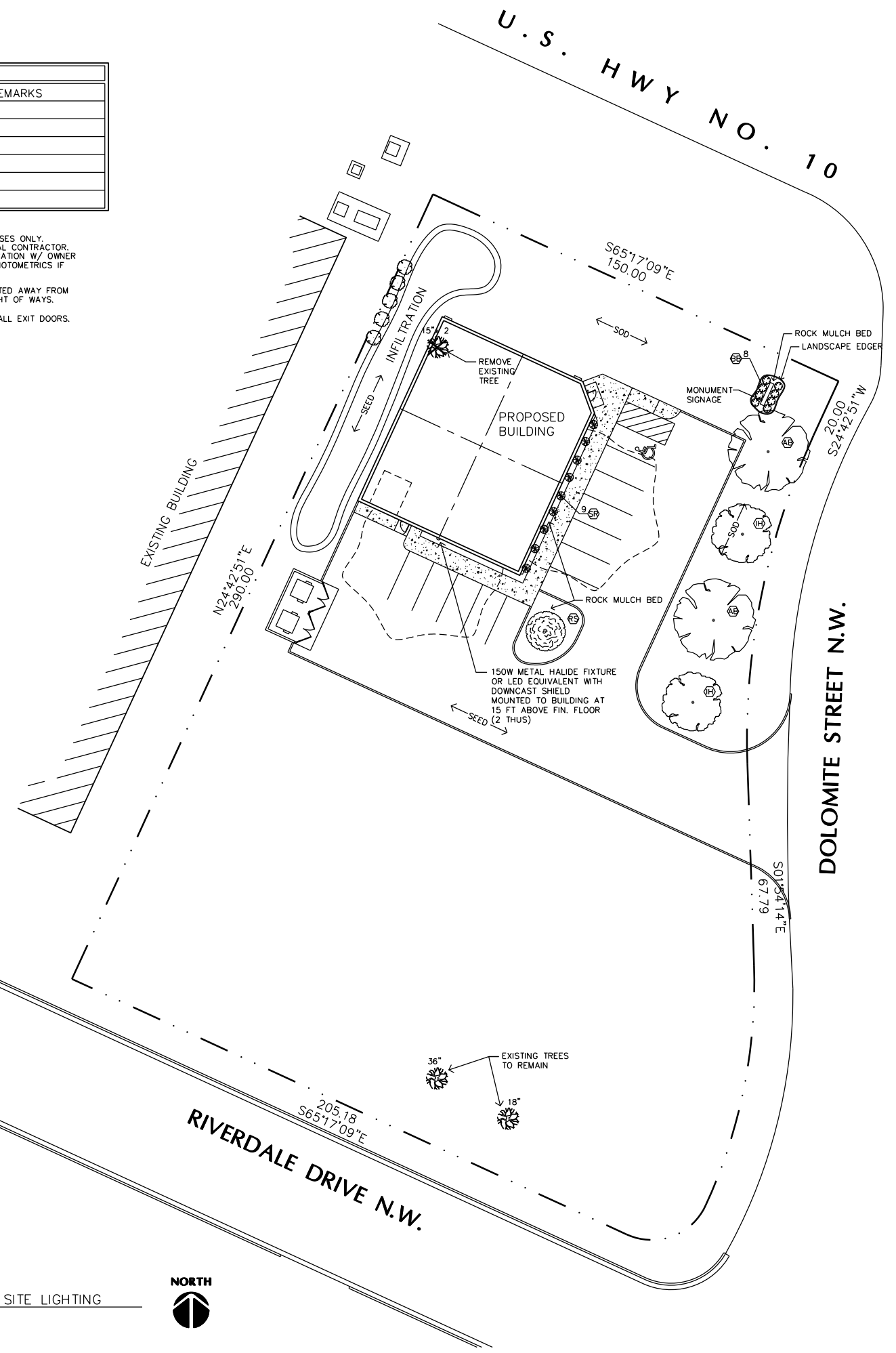


2 TREE PLANTING DETAIL
L1 SCALE: NOT TO SCALE

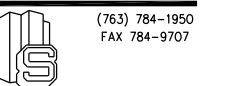


3 SHRUB PLANTING DETAIL
L1 SCALE: NOT TO SCALE

1 LANDSCAPE AND SITE LIGHTING
L1 SCALE: 1" = 20'-0"



**PRELIMINARY
NOT FOR
CONSTRUCTION**



STONE CONSTRUCTION, INC.
2181 - 107th LANE N.E.
BLAINE, MINNESOTA 55434

(763) 784-1950
FAX 784-9707

STERLING TROPHY
Ramsey, Minnesota

Drawn By: JRB
Checked By: LL
Revisions
6/28/18 PRELIMINARY

**LANDSCAPE AND
SITE LIGHTING PLAN**
Sheet Number

L1

CITY OF RAMSEY LAND USE APPLICATION
TECHNICAL REVIEW FILE

DATE	JULY 12, 2018	PROJECT ADDRESS	6710 HIGHWAY 10 NW
PROJECT. TITLE	STERLING TROPHY		
ESCROW #	116452		
DEPARTMENT:	Community Development: Planning Division (Landscape Plan & Environmental Resources)		
TECHNICAL REVIEWER:	Name: Chris Anderson, City Planner Phone: 763-433-9817 Email: canderson@cityoframsey.com		

The proposed project is on the property located at 6710 Highway 10 NW and is currently owned by the City. The property is in the B-2 Highway Business District and the standards from City Code [Section 117-115](#) are applicable. We offer the following comments regarding the Landscape Plan, prepared by Lampert Architects and dated June 28, 2018:

Sheet L1:

- One tree per fifty (50) lineal feet of site perimeter or one tree per 1,000 square feet of building footprint, whichever is greater, is required. One tree for every ten (10) parking stalls is also required. The site perimeter is approximately 936 feet and there are twelve (12) proposed parking stalls, requiring nineteen (19) total trees. An additional fourteen (14) trees must be added to the plan.
- Existing trees remaining MAY qualify for credit toward landscaping requirements depending on the species. Please provide this information if credit is sought.
- One shrub per thirty (30) lineal feet of site perimeter or one shrub per 300 square feet of building footprint, whichever is greater, is required. The site perimeter is approximately 936 feet, requiring thirty-one (31) shrubs. An additional nine (9) shrubs must be added to the plan.
- Shrub size at time of installation shall be at least twenty-four (24) inches in height. Update Planting Schedule to reflect this minimum size requirement.
- At least twenty-five percent (25%) of the trees shall be coniferous. Update Planting Schedule to include a sufficient number conifers.
- Conifers shall be at least six (6) feet in height.
- Signage is reviewed under separate sign application. Note that sign height is limited to twenty-five (25) feet and sign area is limited to 100 square feet.
- Add Landscape Note specifying that all areas, including boulevards, not otherwise improved with impervious surfaces shall receive four (4) inches of topsoil meeting the City's topsoil specification. This includes boulevard areas between property boundaries and streets. Copies of the load tickets shall be provided to the City and a topsoil inspection shall be completed prior to installation of any landscaping.
- Update the Tree Planting Detail to specify that the first set of primary roots shall be at finished grade.

Review File: Sterling Trophy

Landscape Review

July 12, 2018

Page 2 of 2

- Add note stating that any deviation from the approved Final Plat Schedule shall require approval of the City prior to installation.

Environmental Policy Board (EPB)

6. 1.

Meeting Date: 07/16/2018

By: Chris Anderson, Community
Development

Information

Title:

Board/Staff Updates

Purpose/Background:

- Pollinator Garden Tour -- July 21, 2018 from 9:00 AM to 3:00 PM
- Summer Recycling Day Event -- July 28, 2018
- Monarch Trail Update -- Final seeding done on June 25

Action:

Attachments

[2018 Pollinator Garden Tour Maps](#)

[Summer Recycling Day Event Flyer](#)

[Monarch Trail Planting Plan](#)

Form Review

Inbox

Tim Gladhill

Form Started By: Chris Anderson

Final Approval Date: 07/13/2018

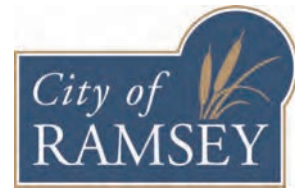
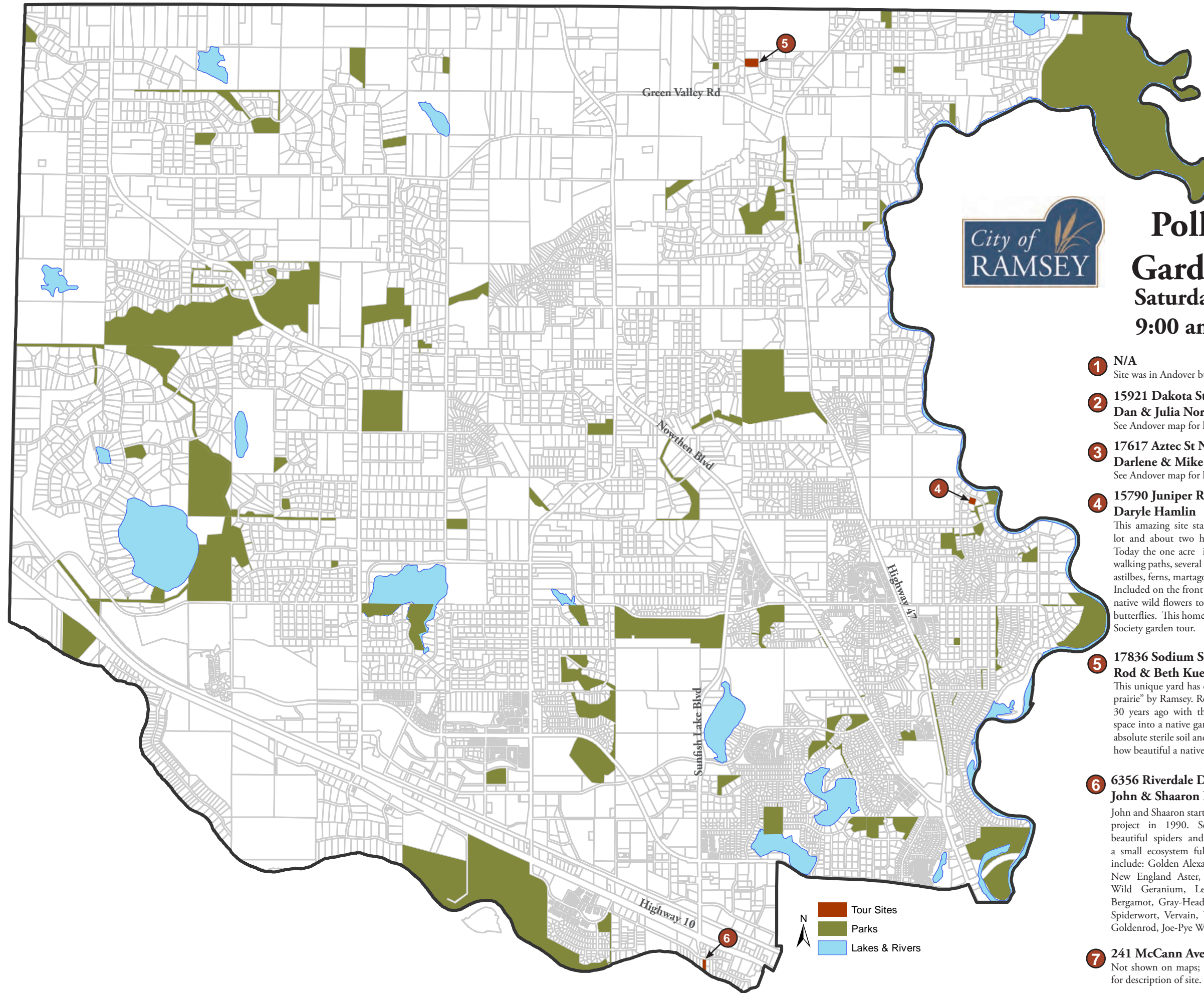
Reviewed By

JoAnn Shaw

Date

07/13/2018 12:02 PM

Started On: 07/13/2018 10:34 AM



Pollinator Garden Tour

Saturday, July 21st
9:00 am - 3:00 pm

- 1** N/A
Site was in Andover but is no longer participating.
- 2** **15921 Dakota St NW:**
Dan & Julia Noraker
See Andover map for location and details.
- 3** **17617 Aztec St NW:**
Darlene & Mike Snelson
See Andover map for location and details.
- 4** **15790 Juniper Ridge Dr NW:**
Daryle Hamlin
This amazing site started in 1985 as a one acre sand lot and about two hundred aspen and juniper trees. Today the one acre is full of beautiful shade gardens, walking paths, several water features, hundreds of hostas, astilbes, ferns, martagon lilies, heuchera & shade grasses. Included on the front of the property is a wide swath of native wild flowers to encourage native pollinators and butterflies. This home has been on the Minnesota Hosta Society garden tour.
- 5** **17836 Sodium St NW:**
Rod & Beth Kuehn
This unique yard has officially been labeled a "managed prairie" by Ramsey. Rod and Beth moved to their home 30 years ago with the dream of converting the yard space into a native garden. Learn how they started with absolute sterile soil and brought it back to life. And learn how beautiful a native prairie front yard can be.
- 6** **6356 Riverdale Drive NW:**
John & Shaaron Freeburg
John and Shaaron started their native prairie landscaping project in 1990. See the varieties of butterflies, beautiful spiders and other amazing insects creating a small ecosystem full of life. Native plant varieties include: Golden Alexander, Echinacea, Butterfly Weed, New England Aster, Baptisia, Purple Prairie Clover, Wild Geranium, Leadplant, Oxeye, Liatris, Wild Bergamot, Gray-Headed Coneflower, Black-Eyed Susan, Spiderwort, Vervain, Wild Rose, Milkweed, Tickseed, Goldenrod, Joe-Pye Weed.
- 7** **241 McCann Ave, Anoka: Kathy Johnson**
Not shown on maps; however, please see Andover map for description of site.







Incorporated
1974

Map Date: June 2018

POLLINATOR GARDEN TOUR

Saturday, July 21st
9 AM - 3 PM

LEGEND

-  Garden Tour Sites
-  Parks
-  Water
-  City Limits

(1) N/A

Site was in Andover, but is no longer participating.

(2) 15921 Dakota St NW: Dan and Julie Noraker

This is our 2nd year on tour. Stop by to see how much has grown and changed! Learn more about elegant edible landscaping and which edibles are fantastic pollinators!

(3) 17617 Aztec St NW: Darlene and Mike Snelson

You're in for a special treat at the Snelson home. There are three separate water features, with over 20 gardens providing seasonal colors and providing bees and butterflies a continuous smorgasbord of flowers to choose from. Both the yard and gardens are organically maintained.

(4) 15790 Juniper Ridge Drive, Ramsey 55303: Daryle Hamlin

See Ramsey map for location and details.

(5) 17836 Sodium Street, Ramsey 55303: Rod and Beth Kuehn

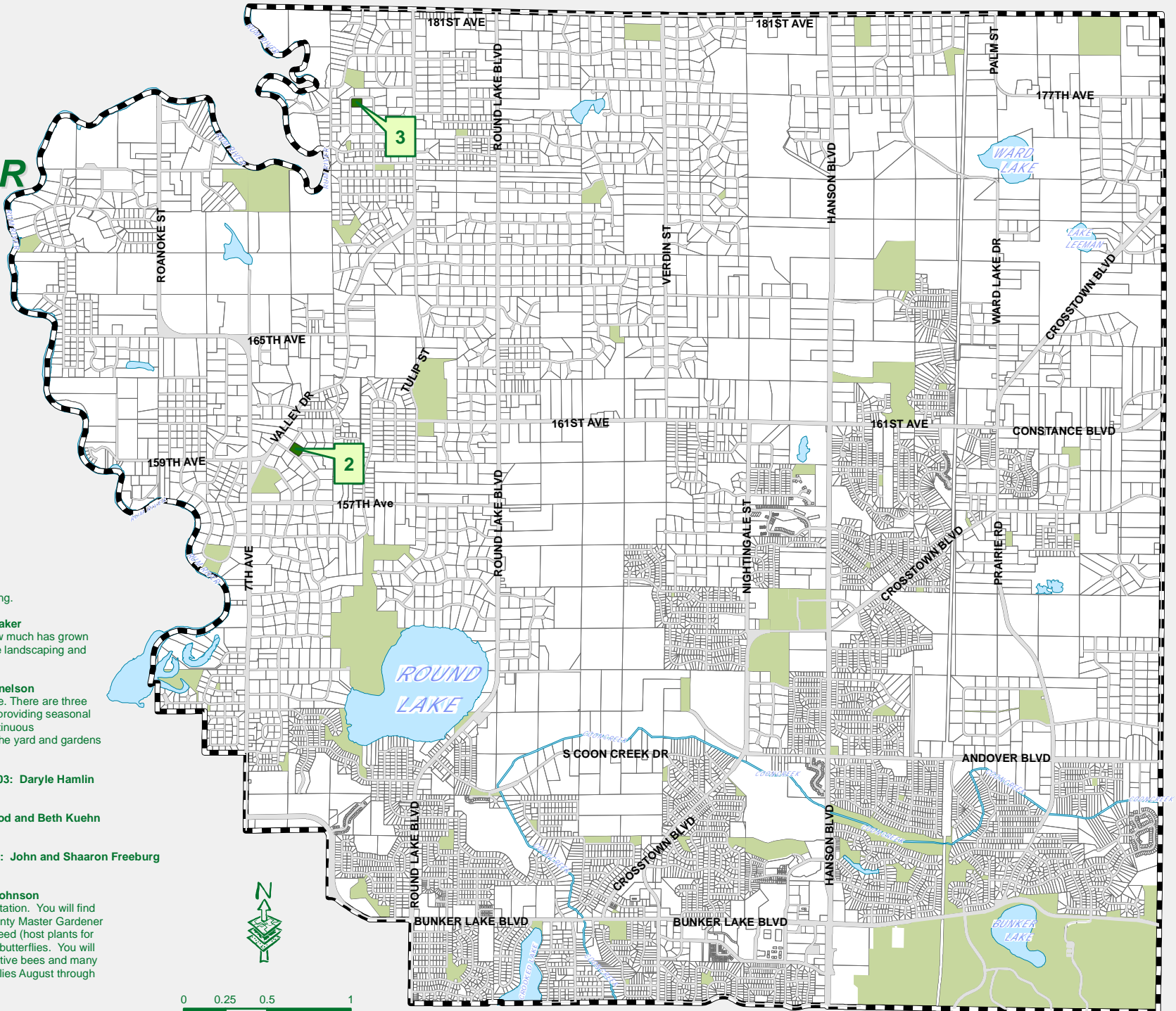
See Ramsey map for location and details.

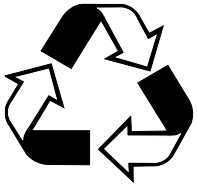
(6) 6356 Riverdale Drive NW, Ramsey 55303: John and Shaaron Freeburg

See Ramsey map for location and details.

(7) 241 McCann Ave, Anoka 55303: Kathy Johnson

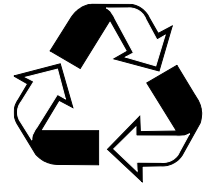
This unique site is a Registered Monarch Waystation. You will find a mix of natives and ornamentals in Anoka County Master Gardener Kathy's gardens. She grows 7+ types of milkweed (host plants for monarch caterpillars) plus host plants for other butterflies. You will find an abundance of flowering herbs for the native bees and many late blooming annuals to feed bees and butterflies August through October (Location not shown on maps).





Summer Recycling Day Event

Saturday, July 28—8:00am to 12:00pm



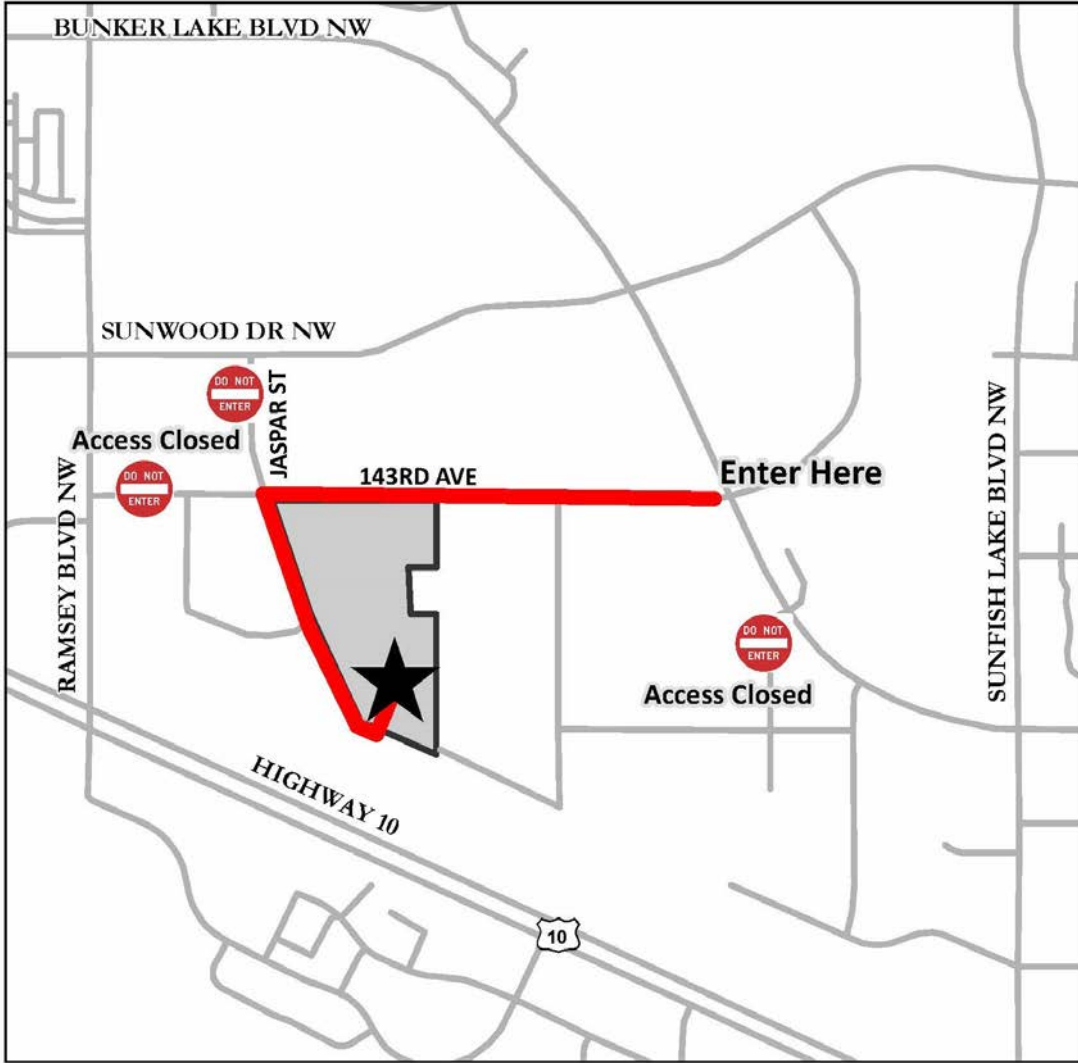
For More Information Please Call (763) 433-9817

Located at the Ramsey Public Works Campus, 14100 Jasper St NW

<u>Acceptable Materials</u>	<u>Charge</u>	<u>Standard Recyclable Materials (ACE):</u>	<u>Charge</u>
Appliances (Evergreen Recycling)		Food & Beverage Glass Containers.....	Free
Household appliances.....	\$5.00	Aluminum, Steel, & Tin Cans.....	Free
Water Softener.....	\$15.00 each	Newspaper, Magazines, Cardboard.....	Free
Gas Refrigerators (RVs)	\$200 each	Plastic Containers, tubs and lids.....	Free
Tires (Evergreen Recycling)		Electronics (Evergreen Recycling)	Charge
Passenger/light truck (on/off rim).....	\$4.00 each	Computer Monitors.....	\$15.00 ea.
Semi/Implement (on/off rim).....	\$15.00 each	TV (0-20 inch).....	\$15.00 ea.
Tractor.....	\$40.00 each	TV (21-30 inch).....	\$20.00 ea.
Fluorescent bulbs (Evergreen Recycling)		TV (31 inch or greater & console TVs)	\$30.00 ea.
4 feet and smaller tubes.....	\$1.00 each	Printers, desktop copiers, stereo/dvd eq.	\$5.00 ea.
Over 4 feet, compact, circular and u-tubes	\$2.00 each	Laptops, towers, cell phones, keyboards	FREE
HID lamps.....	\$1 each		
Mattresses/Box Springs		FREE Document Destruction/Paper Shredding	
(Evergreen Recycling)		All types of paper accepted, no need to remove staples, paper clips or rubber bands! No 3-ring binders.	
Mattresses/Box Springs (any condition)...	\$15 each	LIMIT OF 3 BANKER BOXES PER VEHICLE	
Carpet (Evergreen Recycling)		Please Note:	
Dry carpet and carpet pad.....	\$10 min. fee	■ Certain road accesses may be temporarily closed during the event for traffic control purposes. Please see map on page XX for directions to site.	
Batteries (Evergreen Recycling)		■ At certain times during the recycling event, you may experience a short waiting time due to heavy traffic. Please be patient and we will serve you as quickly as possible.	
Automotive (sealed lead acid), Ni-Cad, rechargeable, silver, mercury, and alkaline..	FREE	■ The following is the order in which materials will be unloaded at the event, please load your vehicle accordingly:	
Textiles (USAgain), place items in bag(s). Shoes, clothes, belts, hats, purses, linens, bedding, towels, jackets and coats.....	FREE	• Used oil, oil filters and antifreeze	
Scrap Metal (ACE Solid Waste)		• Textiles	
All non-metal parts and fluids <u>must be removed</u>	FREE	• Paper shredding	
Used Oil (East Side Oil Companies)		• Carpet	
Used oil, oil filters, and antifreeze.....	FREE	• Mattresses & box springs	
(bring empty containers home to dispose)		• Fluorescent bulbs & batteries	
		• Scrap metal and curbside recyclables	
		• Electronics	
		• Tires	
		• Appliances	

- Materials NOT Accepted:**
- Garbage or refuse of any kind
 - Yard and tree waste
 - Window/door glass panes
 - Construction debris, paint, or other household hazardous waste materials identified by Staff.
 - Furniture (except mattresses/box springs)

All fees payable to Evergreen Recycling. Fees will be collected at event entrance. Cash and/or checks only.





Lake Itasca City Park



Monarch Trail Action Plan



Prepared for:

The City of Ramsey, MN

Prepared by:

John Riens

*U.S. Fish and Wildlife Service
Minnesota Private Lands Office*

*434 Great Oak Drive
Waite Park, MN 56387*

Ph: 320-253-4682

May 2017

Background

This document was assembled by the Minnesota Private Lands Office (MNPLO) to guide the restoration and management of the Monarch Trail located on Lake Itasca City Park. This project came into existence as a result of the Mayor of Ramsey signing the Mayors for Monarchs Pledge and expressing a desire for the city to do more to help the iconic species. Through partnerships with the MNPLO and city park staff the trail was designated as an area to provide a native pollinator planting to help the species and other native pollinators while providing education and outreach opportunities to local residents. To accomplish this effort this plan was developed to assist in making this restoration a successful effort. The area to be converted is currently a fallow field and has a history of agricultural production. The tasks provided below are the efforts made by the aforementioned partners to most appropriately convert the existing condition of the area to the desired outcome of a native prairie.

Project Tasks and Timelines

Number	Task	Completed by:	Party
1	Order/Reserve Plant Plugs for Ceremony	5/12/2017	USFWS
2	Stake/Flag Restoration Area	5/19/2017	City
3	Remove Unwanted Trees in Buffer Area	5/26/2017	City
4	Herbicide Application to Restoration Area	5/26/2017	City
5	Mow Restoration Area	5/31/2017	City
6	Sign Landowner Agreement	5/31/2017	City
7	Purchase Native Seed	6/2/2017	USFWS
8	Trail Designation Ceremony	6/2/2017	City/USFWS
9	Disc Restoration Area	6/7/2017	City
10	Plant Seed on Restoration Area	6/9/2017	USFWS/City
11	Maintenance Mow of Restoration Area	6/15/2018	City

Figure 1



Ramsey Park Monarch Trail



0 55 110 220 330 440 Feet

— Trail
(2,000 Feet)

□ Pollinator Buffer
(6.5 Acres)

Produced by:
USFWS MNPLD
434 Great Oak Drive
Waltz Park, MN 55387
(320) 253-4682
Current through 2017

Figure 2



Ramsey Park Un-Wanted Tree Removal



0 62.5 125 250 375 500 Feet

— Trail
(2,000 Feet)

□ Red Cedar and Prickly Ash Removal
(22.5 Acres)

Produced by:
USFWS MNPLD
434 Great Oak Drive
Walke Park, MN 55387
(320) 253-4682
Current through 2017

Project Task Descriptions

Task 1: Order/Reserve Plant Plugs for Ceremony

In order to ensure that adequate and appropriate native plant plugs will be available for the trail designation ceremony the Minnesota Private Lands Office (MNPLO) will be selecting and ordering the plugs by 05/12/2017. The plugs will be reserved and delivered on site for the ceremony on 06/2/2017 by the MNPLO. An estimated 288 plugs will be purchased by MNPLO at the rate of \$1.10 per plug. The list of anticipated species to be selected for the planting are listed below and are dependent on availability.

Grasses	
Common	Scientific
Prairie Brome	<i>Bromus kalmii</i>
Little bluestem	<i>Andropogon scoparius</i>
Sideoats grama	<i>Bouteloua curtipendula</i>
Blue grama	<i>Bouteloua gracilis</i>
Canada wildrye	<i>Elymus canadensis</i>
Green needlegrass	<i>Stipa viridula</i>
Prairie Junegrass	<i>Koeleria macrantha</i>
Indian grass	<i>Sorghastrum nutans</i>
Prairie dropseed	<i>Sporobolus heterolepis</i>
Forbs	
Common Name	Scientific Name
Anise hyssop	<i>Agastache foeniculum</i>
Wild garlic	<i>Allium canadense</i>
Lead plant	<i>Amorpha canescens</i>
Common milkweed	<i>Asclepias syriaca</i>
Butterfly Milkweed	<i>Asclepias tuberosa</i>
Smooth Blue Aster	<i>Aster laevis</i>
Canada milkvetch	<i>Astragalus canadensis</i>
White Wild Indigo	<i>Baptisia alba</i>
New Jersey tea	<i>Ceanothus americanus</i>
Partridge pea	<i>Chamaecrista fasciculata</i>
Stiff tickseed	<i>Coreopsis palmata</i>
White prairie clover	<i>Dalea candida</i>
Purple prairie clover	<i>Dalea purpurea</i>
Showy tick trefoil	<i>Desmodium canadense</i>
Narrow Leaf Purple Coneflower	<i>Echinacea angustifolia</i>
Rattlesnake master	<i>Eryngium yuccifolium</i>
Sawtooth sunflower	<i>Helianthus grosseserratus</i>
Maximilian's sunflower	<i>Helianthus maximiliani</i>
Stiff sunflower	<i>Helianthus pauciflorus</i>
Common ox-eye	<i>Heliopsis helianthoides</i>
Meadow blazingstar	<i>Liatris ligulistylis</i>
Wild Lupine	<i>Lupinus perennis</i>
Wild bergamot	<i>Monarda fistulosa</i>
Spotted beebalm	<i>Monarda Punctata</i>
Slender beardtongue	<i>Penstemon gracilis</i>
Large-flowered beardtounge	<i>Penstemon grandiflorus</i>
Prairie coneflower	<i>Ratibida columnifera</i>
Black-eyed Susan	<i>Rudbeckia hirta</i>
Gray goldenrod	<i>Solidago nemoralis</i>
Stiff goldenrod	<i>Solidago rigida</i>
Ohio Spiderwort	<i>Tradescantia ohiensis</i>
Hoary vervain	<i>Verbena stricta</i>
Golden Alexanders	<i>Zizia aurea</i>

Task 2: Stake/Flag Restoration Area

To provide visualization for the ceremony and provide a work area for the restoration the boundary of the restoration area will be staked and flagged by the City of Ramsey park staff. This will be accomplished no later than 5/19/2017. In general the boundary of the restoration is approximately 100 feet from the paved trail edge except where designated. Please refer to Figure 1 for the above stated outline. A GIS shapefile can be made available for the City of Ramsey upon request. The estimated cost of this task is approximately \$300.00.

Task 3: Remove Unwanted Trees in Buffer Area

In order to ensure a protected investment of the restoration and provide sustainability to the habitat the City of Ramsey or contracted individuals will be conducting a tree removal effort of Eastern Red Cedar (*Juniperus virginiana*) and Prickly Ash (*Zanthoxylum americanum*). In general this removal zone will be approximately 300 feet from the paved trail edge except where designated. Please refer to Figure 2 for the removal area. A GIS shapefile can be made available for the City of Ramsey upon request. The City of Ramsey will use a combination of mechanical and chemical treatments to properly remove the above targeted species. Species are to be removed by 5/26/2017. The estimated cost of this task is approximately \$2,000.00

Task 4: Herbicide Application to Restoration Area

To prepare the restoration area for a planting effort the site must first have a herbicide application applied to it. This is necessary in order to eliminate any competitive non-desired species before planting. The city of Ramsey or contracted individuals will be applying a glyphosate based product to the targeted area designated in Figure 1. This herbicide application is due to be applied by 5/26/2017. The estimated cost of this task is approximately \$1,200.

Task 5: Mow Restoration Area

Following a minimum of 5 days of the herbicide application a mowing of the restoration area will be conducted by the City of Ramsey or contracted individuals. This is necessary in order to prepare the restoration area for disking. This task is to be accomplished no later than 5/31/2017. The estimated cost of this task is approximately \$200.00.

Task 6: Sign Landowner Agreement

During this process and following the scheduled city board meeting it is imperative that the Landowner Agreement which is attached in a separate document is signed, dated, and returned with associated documents to MNPLO staff for processing. The agreement is necessary in order to purchase the seed for the restoration planting. The agreement must be returned no later than 5/31/2017 by close of business day. The details of the agreement are labeled in the agreement itself. Do not hesitate to contact the MNPLO staff for further details.

Task 7: Purchase Native Seed

Following the receipt of the Landowner Agreement and Associated documents the MNPLO will be selecting and ordering the appropriate native seeds by 6/2/2017. The seeds will be reserved and delivered on site for the day of the planting on 6/9/2017 by the MNPLO. An estimated \$650.00 an acre will be used to purchase the appropriate amount of seed for the 6.5 acres with the addition of seed oats for a nursery crop. The total anticipated investment by the MNPLO will be \$4,225.00 and is dependent on seed availability. Listed below is a list of potential species to be selected.

Grasses	
Common	Scientific
Prairie Brome	<i>Bromus kalmii</i>
Little bluestem	<i>Andropogon scoparius</i>
Sideoats grama	<i>Bouteloua curtipendula</i>
Blue grama	<i>Bouteloua gracilis</i>
Canada wildrye	<i>Elymus canadensis</i>
Green needlegrass	<i>Stipa viridula</i>
Prairie Junegrass	<i>Koeleria macrantha</i>
Indian grass	<i>Sorghastrum nutans</i>
Prairie dropseed	<i>Sporobolus heterolepis</i>
Forbs	
Common Name	Scientific Name
Anise hyssop	<i>Agastache foeniculum</i>
Wild garlic	<i>Allium canadense</i>
Lead plant	<i>Amorpha canescens</i>
Common milkweed	<i>Asclepias syriaca</i>
Butterfly Milkweed	<i>Asclepias tuberosa</i>
Smooth Blue Aster	<i>Aster laevis</i>
Canada milkvetch	<i>Astragalus canadensis</i>
White Wild Indigo	<i>Baptisia alba</i>
New Jersey tea	<i>Ceanothus americanus</i>
Partridge pea	<i>Chamaecrista fasciculata</i>
Stiff tickseed	<i>Coreopsis palmata</i>
White prairie clover	<i>Dalea candida</i>
Purple prairie clover	<i>Dalea purpurea</i>
Showy tick trefoil	<i>Desmodium canadense</i>
Narrow Leaf Purple Coneflower	<i>Echinacea angustifolia</i>
Rattlesnake master	<i>Eryngium yuccifolium</i>
Sawtooth sunflower	<i>Helianthus grosseserratus</i>
Maximilian's sunflower	<i>Helianthus maximiliani</i>
Stiff sunflower	<i>Helianthus pauciflorus</i>
Common ox-eye	<i>Heliopsis helianthoides</i>
Meadow blazingstar	<i>Liatris ligulistylis</i>
Wild Lupine	<i>Lupinus perennis</i>
Wild bergamot	<i>Monarda fistulosa</i>
Spotted beebalm	<i>Monarda Punctata</i>
Slender beardtongue	<i>Penstemon gracilis</i>
Large-flowered beardtounge	<i>Penstemon grandiflorus</i>
Prairie coneflower	<i>Ratibida columnifera</i>
Black-eyed Susan	<i>Rudbeckia hirta</i>
Gray goldenrod	<i>Solidago nemoralis</i>
Stiff goldenrod	<i>Solidago rigida</i>
Ohio Spiderwort	<i>Tradescantia ohioensis</i>
Hoary vervain	<i>Verbena stricta</i>
Golden Alexanders	<i>Zizia aurea</i>

Task 8: Trail Designation Ceremony

On 6/2/2017 the City of Ramsey, MNPLO, and associated partners will be participating in a designation ceremony for the Monarch Trail. All events to be included are yet to be determined. However, there will be an educational native plug planting exercise conducted with local youth volunteers. Other activities/events to be conducted will be communicated once finalized.

Task 9: Disc Restoration Area

Following the ceremony a disking of the restoration area will be conducted by the City of Ramsey or contracted individuals. This is necessary in order to prepare the restoration zone for seeding. A chisel plow and disking may be necessary in order to properly prepare the site. Please contact MNPLO for further guidance as to what will be expected for this preparation. This task is due to be accomplished no later than 6/7/2017. The estimated cost of this task is approximately \$350.00.

Task 10: Plant Seed on Restoration Area

After disking and appropriate settlement the restoration area will be seeded with the aforementioned mix of diverse native seeds. The MNPLO in cooperation with staff from the Crane Meadows National Wildlife Refuge will be conducting the planting with a Trillion Seeder on 6/9/2017 if weather permits. The estimated cost to the MNPLO for this task is approximately \$250.00

Task 11: Maintenance Mow of the Restoration Area

In 2018, it is anticipated that a maintenance mowing will be required to limit the proliferation of any unwanted plants over the restoration area. This will be conducted by the City of Ramsey or contracted individuals. This task is due to be accomplished no later than 5/31/2017 and would be preferred much earlier as to not disrupt any nesting bird species. This mowing may or may not be needed. It is advised that the City of Ramsey contact the MNPLO for guidance prior to accomplishing this task. The estimated cost of this task would be approximately \$200.00.

Estimated Budget

Object Class Categories ^a	Partners				
	Landowner	USFWS Partners Program	USFWS Other Programs	Other Non-USFWS	Totals
Personnel	\$	\$	\$	\$	\$
Fringe benefits	\$	\$	\$	\$	\$
Travel	\$	\$	\$	\$	\$
Equipment	\$	\$	\$	\$	\$
Supplies	\$50.00	\$4,541.80	\$	\$	\$4591.80
Contractual	\$3,550.00	\$	\$	\$	\$3,550.00
Other - In-Kind	\$1,650.00	\$250.00	\$	\$	\$2,000.00
Other	\$	\$	\$	\$	\$
Totals	\$5,250.00	\$4,791.80	\$	\$	\$10,041.80

^a The total cost-share by the Cooperator, Service and Landowner must remain the same, however allocations by category may be redistributed upon prior approval by the Service

Any work to be completed may be modified with the mutual agreement of the aforementioned parties.

Budget Narrative:

Supplies:

Prairie Plugs - \$316.80 (USFWS)
 Prairie Seed - \$4,225.00 (USFWS)
 Stakes/Flagging - \$50.00 (City of Ramsey)

Services:

Staking/Flagging - \$250.00 (City of Ramsey) "In-Kind"
 Tree/Shrub Removal - \$2,000.00 (City of Ramsey)
 Herbicide Application - \$1,200.00 (City of Ramsey)
 Site Preparation Mowing - \$200.00 (City of Ramsey) "In-Kind"
 Site Preparation Disking - \$350.00 (City of Ramsey)
 Prairie Planting - \$250.00 (MNPLO) "In-Kind"

Maintenance

Maintenance Mow – \$200.00 (City of Ramsey) "In-Kind"
 Anticipated Additional Maintenance throughout the Contract - \$1,000.00 (City of Ramsey) "In-Kind"

Total Project Cost: \$10,041.80