

City of Ramsey
Agenda
Economic Development Authority (EDA)
Thursday, July 13, 2023
7:30 am
Council Chambers, 7550 Sunwood Drive NW

Remote Attendance available at www.cityoframsey.com/meetings.
Those joining remotely and requesting to speak are asked to use a webcam when speaking.

1. **Call to Order**

2. **Approve Agenda**

3. **Approve Minutes**
 1. Approve Meeting Minutes for June 8, 2023

4. **EDA Business**
 1. Consider Support of Financial Assistance for Presbyterian Homes Project; Haviland Fields
 2. Consider Offers to Purchase and Develop a Portion of Outlot A, COR TWO (Updated)

5. **Member/Staff Input**

6. **Adjournment**

Economic Development Authority (EDA)

3. 1.

Meeting Date: 07/13/2023

Submitted For: Sean Sullivan, Community Development

By: Wendy Schlueter, Community Development

Title:

Approve Meeting Minutes for June 8, 2023

Purpose/Background:

Purpose: The purpose is to approve the meeting minutes for the EDA meeting held the prior month.

Background: The meeting minutes are attached for review and approval.

Notification:

Observations/Alternatives:

Funding Source:

Recommendation:

Approval of June 8, 2023 meeting minutes.

Action:

Motion to approve June 8, 2023 EDA meeting minutes.

Attachments

EDA Minutes

Form Review

Inbox	Reviewed By	Date
Sean Sullivan	Sean Sullivan	07/05/2023 10:17 AM
Brian Hagen	Brian Hagen	07/06/2023 09:29 AM
Form Started By: Wendy Schlueter		Started On: 06/15/2023 02:54 PM
Final Approval Date: 07/06/2023		

**ECONOMIC DEVELOPMENT AUTHORITY
CITY OF RAMSEY
ANOKA COUNTY
STATE OF MINNESOTA**

The City of Ramsey Economic Development Authority (EDA) conducted a regular meeting on Thursday, June 8, 2023, at the Ramsey Municipal Center, 7550 Sunwood Drive NW, Ramsey, Minnesota.

Members Present: Acting Chairperson Shanna Stewart
 Member Rachal Johnson
 Member Michael Olson
 Member Chris Riley

Members Absent: Chairperson Scott Winyinger
 Member Chelsee Howell
 Member Brittany Lindahl
 Member William MacLennan

Also Present: Sean Sullivan, Economic Development Manager

1. CALL TO ORDER

Acting Chairperson Stewart called the Economic Development Authority meeting to order at 7:30 a.m.

2. APPROVE AGENDA

Motion by Member Riley, seconded by Member Johnson, to approve the agenda.

Motion carried. Voting Yes: Acting Chairperson Stewart, Members Riley, Johnson, and Olson.
Voting No: None. Absent: Chairperson Winyinger and Members Howell, Lindahl, and MacLennan.

3. APPROVE MINUTES

3.01: Approve Meeting Minutes Dated May 11, 2023

Motion by Member Johnson, seconded by Member Riley, to approve the May 11, 2023, minutes as presented.

Motion carried. Voting Yes: Acting Chairperson Stewart, Members Johnson, Riley and Olson.
Voting No: None. Absent: Chairperson Winyinger and Members Howell, Lindahl, and MacLennan.

4. EDA BUSINESS

4.01: Consider Approval of Amended and Restated Right of Re-Entry Agreement: Stories Foundation

Economic Development Manager Sullivan presented the staff report.

Member Olson asked what is involved in the site plan process, whether that needs to be redone or simply verify what has already been done.

Economic Development Manager Sullivan replied that site plan approval is good for one year and if a project does not move forward, it would start over. He noted that much of the same information could be resubmitted. He stated that there were many contingencies in the first approval, so staff has been working with the applicant to address those prior to resubmission.

Stephanie Page, Stories Foundation, commented that they signed the purchase agreement at the end of 2020 and closed at the end of 2021. She stated that the bank funding that was secured decided to change the percentage they would need to have on hand from 20 percent to 80 percent, therefore they had to start that process of finding a bank over again. She stated that it is taking more time to raise additional funds to gain the bank financing, noting that they have many fundraising events and focused efforts this year.

Acting Chairperson Stewart asked the likelihood that they would be able to work through the contingencies.

Ms. Page replied that she has been working with her general contractor to address those items. She commented that this project is important to her organization and the community, and they are committed to Ramsey.

Member Riley asked if the City has had other interest in this property.

Economic Development Manager Sullivan replied that there have not been any other inquiries on the parcel but noted that it is not listed. He commented that the City has other available land within The COR should other users have interest.

Motion by Member Johnson, seconded by Member Riley to recommend to City Council to approve the Amended and Restated Right of Re-Entry Agreement with contingencies (Site Plan Approval, Development Agreement Approval, Final Plat Approval) as presented; subject to City Attorney review.

Motion carried. Voting Yes: Acting Chairperson Stewart, Members Johnson, Olson and Riley. Voting No: None. Absent: Chairperson Wyingner and Members Howell, Lindahl, and MacLennan.

4.02: Consider Approval of Second Amendment to Purchase Agreement for Ramsey Properties, LLC (A portion of this meeting may be closed to public)

Economic Development Manager Sullivan presented the staff report.

Member Riley commented that this seems to just better align dates and is a difference of one month.

Motion by Member Johnson, seconded by Member Olson, to recommend to City Council to approve the Second Amendment to Purchase Agreement for Ramsey Properties, LLC, as presented; subject to City Attorney review.

Motion carried. Voting Yes: Acting Chairperson Stewart, Members Johnson, Olson and Riley. Voting No: None. Absent: Chairperson Wyingner and Members Howell, Lindahl, and MacLennan.

4.03: Receive 2023 Business Expo Summary and Select 2024 Venue and Date

Economic Development Manager Sullivan presented the staff report.

Motion by Member Johnson, seconded by Member Riley, to select Adrenaline Sports Center as the home of the 2024 Business Expo and to reserve the venue for April 27 and to budget and allocate \$5,000 from the EDA (9230-6249 and 9230-6246).

Motion carried. Voting Yes: Acting Chairperson Stewart, Members Johnson, Riley, and Olson and Riley. Voting No: None. Absent: Chairperson Wyingner and Members Howell, Lindahl, and MacLennan.

5. MEMBER / STAFF UPDATE

Economic Development Manager Sullivan provided an update on parcel 46 and plans for Zeolite Street. He also provided an update on development interest and activity.

6. ADJOURNMENT

Motion by Member Olson, seconded by Member Johnson, to adjourn the meeting.

Motion carried. Voting Yes: Acting Chairperson Stewart, Members Olson, Johnson, and Riley. Voting No: None. Absent: Chairperson Wyingner and Members Howell, Lindahl, and MacLennan.

The regular meeting of the Economic Development Authority adjourned at 7:57 a.m.

Respectfully submitted,

Sean Sullivan
Economic Development Manager

ATTEST:

Wendy Schlueter
Economic Development Administrative Assistant

Draft by Amanda Staple
TimeSaver Off Site Secretarial, Inc.

DRAFT

Economic Development Authority (EDA)**Meeting Date:** 07/13/2023**Primary Strategic Plan Initiative:** {@!@ud_pd8@!@}**Title:**

Consider Support of Financial Assistance for Presbyterian Homes Project; Haviland Fields

Purpose/Background:

The purpose of this case is to evaluate a proposed housing project by Presbyterian Homes and to provide a recommendation/comments to the City Council. Presbyterian Homes has approached the City and requested assistance for its 460 unit housing project on the Lord of Life Church site on Nowthen Blvd NW. The project consists of senior, affordable and market-rate products. The Developer will provide a detailed presentation to the EDA outlining the project and the assistance request and will be available for questions. The Developer has provided \$11,000 to the city to process the TIF Application and to draft necessary documents if approved. Staff is bringing this proposal to the EDA for consideration.

Time Frame/Observations/Alternatives:**Project Description:**

The Developer will provide a presentation to the EDA . The City has worked with Ehlers to draft a term sheet defining possible parameters of a potential assistance package for the 2 phase project on the Lord of Life site. The existing church will remain as part of this project. Details for the two-phase project are below:

Phase 1 will include the construction and equipping of a multi-story, approximately 280-unit general occupancy apartment with at least 20% of the units occupied or held for occupancy by persons and families whose incomes do not exceed 50% of area median income, and underground and surface parking stalls. (2024-2025)

Phase 2 will include the construction and equipping of a multi-story, approximately 160-unit senior (62+) apartment and 20 (62+) rental park homes and with at least 20% of the units occupied or held for occupancy by persons and families whose incomes do not exceed 50% of area median income, and underground and surface parking stalls. (2025-2026)

- Tax Assessed Project Valuation - \$104,371,600
- Annual Taxes (Estimate) - \$1,292,366
- 5.3M Base Taxable Value established (Not TIF)
- 16 new jobs with average wages of \$26.00/hr.
- Provision of affordable, senior and market rate housing
- Approx. \$150M in private investment
- \$14 of private investment for every \$1 in TIF
- \$8.3M in fees and taxes; \$5.7M of which is “front loaded” in the project schedule.
- Significant future tax revenue (Onboarding the developable portion of tax-exempt church property onto future tax rolls, \$1.3M/yr. upon expiration of district).
- New resident population to support local businesses as both customers and employees.
- High quality housing, which includes a component of price restricted units, supporting employees of existing local businesses, a high area of need.
- Public access to on-site amenities (Pickleball courts). (Can be private or city owned)

Assistance Request / Financial Analysis:

The Developer requested 11.3M over 25 years in Pay Go Financing as evidenced in the attached Business Assistance Application. The business application scores 27.5 which is a moderate score. Based on the information provided and attached analysis conducted by Ehlers, Staff believes that 9.2M and a 20 year duration

of assistance is appropriate for a project of this type and size. The reduction of the duration of the district also allows the City to receive tax revenue from the project sooner. The TIF assistance request would be the largest provided for a single project in Ramsey. Based on the proposed level of assistance, both Staff and Ehlers are recommending a look-back provision that would allow the City to reduce the TIF provided if the rate of return exceeds the projected rate of return if assistance is provided.

Based on review of the Developer's pro forma and under current market conditions, the proposed development may not reasonably be expected to occur solely through private investment within the near future. Due to the costs associated with developing the property and constructing housing with affordable rents, this project is only feasible, in part, through public assistance. As such, this project does meet the "But-For" test needed for the provision of TIF and is not unduly enriching the developer.

TIF assistance should be provided on a "pay-as-you-go" (PAYGO) basis. With PAYGO TIF assistance, the City does not provide any funding up-front. Instead, the City enters into an agreement to provide tax increment payments that are generated solely from the project's actual increased property taxes. The Developer uses those tax increment payments to obtain additional debt and/or support returns on investment. If the tax increment is insufficient to pay the \$2.7 million in total TIF notes, the City does not make up the shortfall.

Alternatives:

- 1) Recommendation to the City Council supporting the project and the attached term sheet and assistance levels
- 2) Recommendation to the City Council supporting the project with revisions to the term sheet and assistance levels
- 3) Recommendation to the City Council supporting the project but not supporting city assistance for the project
- 4) Request for more information
- 5) Something else

Funding Source:

Pay-Go Tax Increment Financing

Recommendation:

Based on discussion

Outcome/Action:

Many alternatives have been presented to the EDA. Based on discussion an alternative from below could be selected:

- 1) Recommendation to the City Council supporting the project and the attached term sheet and assistance levels
- 2) Recommendation to the City Council supporting the project with revisions to the term sheet and assistance levels
- 3) Recommendation to the City Council supporting the project but not supporting city assistance for the project
- 4) Request for more information
- 5) Something else

Attachments

Site Location Map

Development Concept Map

ACTION - Prelim Term Sheet

Ehlers TIF Analysis

County Assessor Valuation
Business Assistance Application

Form Review

Inbox

Brian Hagen
Sean Sullivan (Originator)
Sean Sullivan (Originator)
Brian Hagen
Brian Hagen
Form Started By: Sean Sullivan
Final Approval Date: 07/06/2023

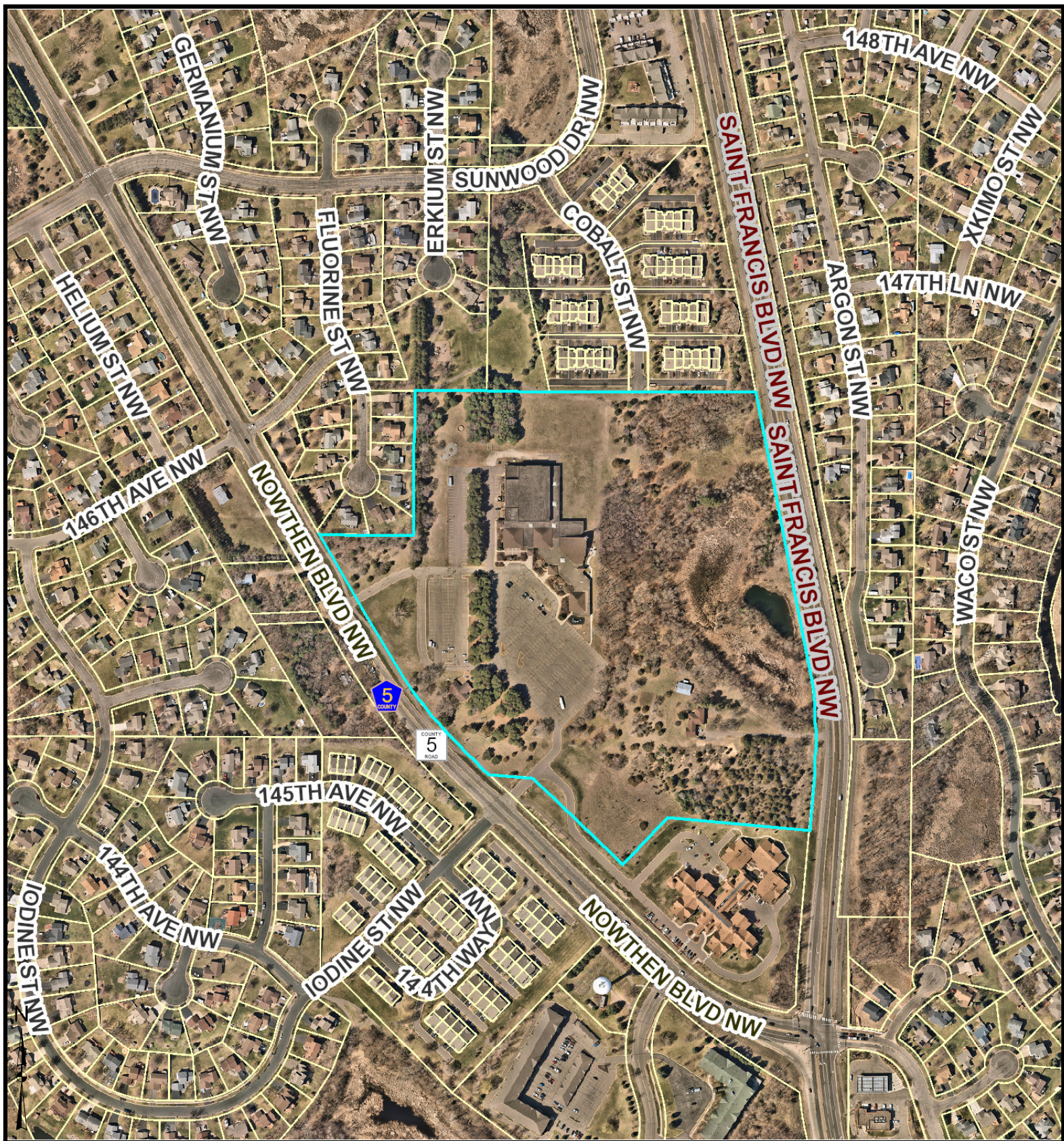
Reviewed By

Sean Sullivan
Sean Sullivan
Sean Sullivan
Brian Hagen
Brian Hagen
Brian Hagen

Date

07/05/2023 08:33 PM
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07/06/2023 09:25 AM
07/06/2023 09:36 AM
07/06/2023 11:22 AM
Started On: 06/22/2023 01:49 PM

Site Location Map - Presbyterian Homes

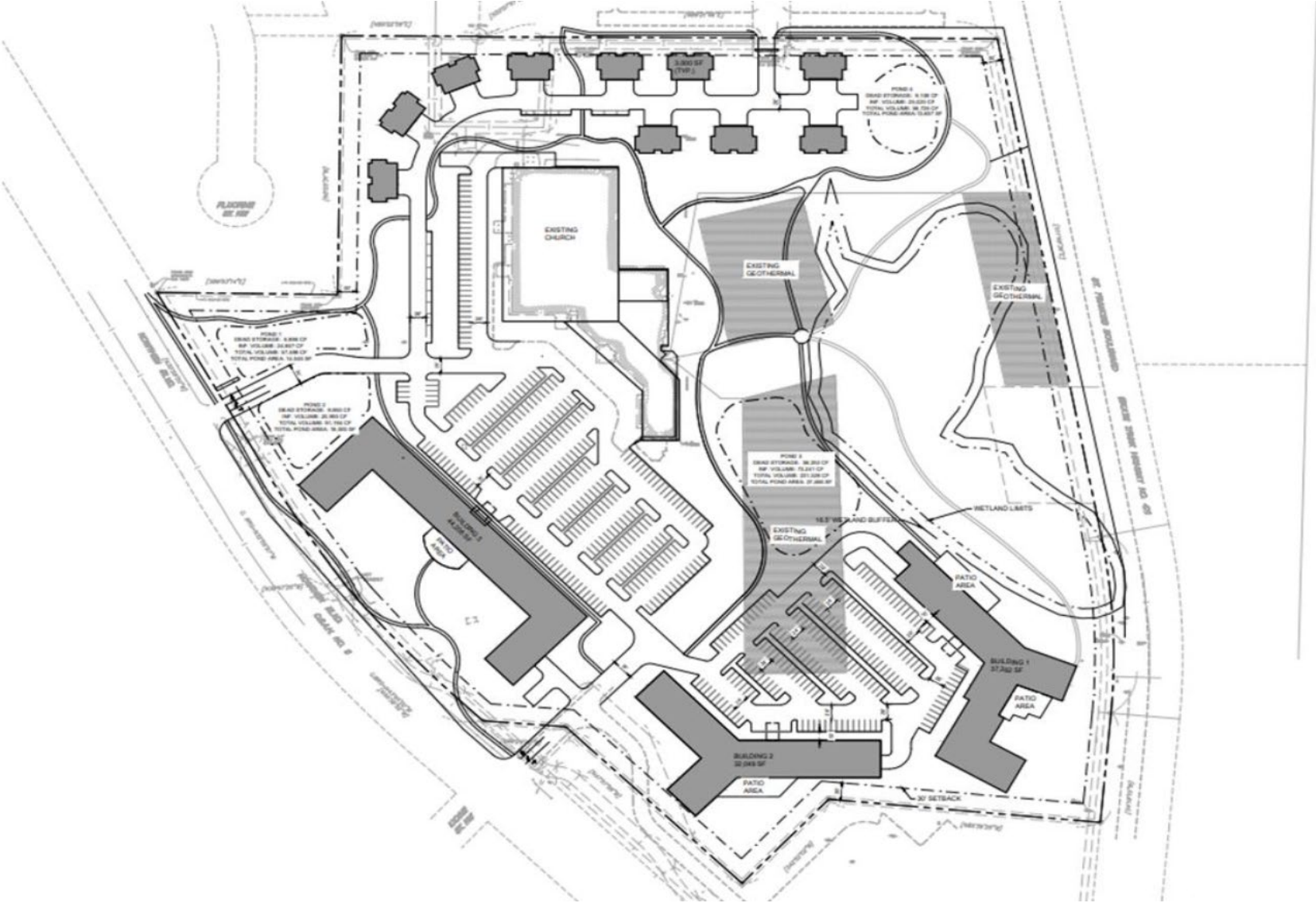


Parcel Information: Approx. Acres: 35.52863455
 25-32-25-24-0059 Commissioner: MATT LOOK
 14501 NOWTHEN BLVD NW
 RAMSEY
 MN 55303
 Plat: STONEY RIVER ADDITION

Owner Information:
 LORD OF LIFE LUTHERAN CHURCH
 14501 NOWTHEN BLVD NW
 RAMSEY
 MN
 55303



Development Concept Plan



Preliminary Term Sheet

This Term Sheet, dated as of _____, 2023, is intended to set forth the general terms upon which the Developer (as defined below) and the City of Ramsey, Minnesota (the "City") may be willing to enter into a Tax Increment Financing Agreement (the "TIF Agreement").

1. Developer: Presbyterian Homes Housing and Assisted Living, Inc., a Minnesota non-profit corporation (or a limited partnership or other entity to be formed thereby or affiliated therewith)
2. Property: A portion of a parcel of land located a 14501 Nowthen Blvd. in Ramsey, Minnesota identified as property number 25-35-25-24-0059, subject to a final plat of the Property.
3. Developer Conditions, as determined to date:
 - a. Execution of TIF Agreement
 - b. Secure necessary financing for the construction of the Minimum Improvements
 - c. Site Control
4. City Conditions, as determined to date:
 - a. Establishment of a new Housing TIF District subject to approval after all proceedings as required by law
 - b. City approval of Construction Plans
 - c. City Council approval of Planning Application
 - d. Execution of a TIF Agreement
5. Minimum Improvements: Improvements to the Property will include two phases. Phase 1 will include the construction and equipping of a multi-story, approximately 280-unit general occupancy apartment with at least 20% of the units occupied or held for occupancy by persons and families whose incomes do not exceed 50% of area median income, and underground and surface parking stalls.

Phase 2 will include the construction and equipping of a multi-story, approximately 160-unit senior (62+) apartment and 20 (62+) rental park homes and with at least 20% of the units occupied or held for occupancy by persons and families whose incomes do not exceed 50% of area median income, and underground and surface parking stalls.
6. Construction Schedule: Commence construction on Phase 1 by June 1, 2024 with substantial completion of construction by December 31, 2025. Commence construction on Phase 2 by June 1, 2025 with substantial completion of construction by December 31, 2026. For the purpose hereof, "Commence" shall mean beginning of physical improvement to the Property, including grading, excavation, or other physical site preparation work; and "Complete" shall mean that the Minimum Improvements are sufficiently complete for the issuance of a Certificate of Occupancy. Upon Completion the City will issue, if requested by the Developer, a "Certificate of Completion" in recordable form.
7. Public Assistance: Subject to all terms and conditions of the TIF Agreement and satisfaction of the requirements of applicable law including a final "but for" analysis, the City will reimburse the Developer for costs of construction of the Minimum Improvements as follows:

- a. Phase 1 in the form of a pay-as-you-go (PAYGO) note in the amount of up to \$5,632,000, bearing simple, non-compounding interest at a rate per annum of up to the lesser of 5% or the rate of interest on the first lien mortgage financing for the Minimum Improvements. The PAYGO note will be payable from 90% of the tax increment generated from the Minimum Improvements for a period of up to 20 years; and
- b. Phase 2 in the form of a pay-as-you-go (PAYGO) note in the amount of up to \$3,631,000, bearing simple, non-compounding interest at a rate per annum of up to the lesser of 5% or the rate of interest on the first lien mortgage financing for the Minimum Improvements. The PAYGO note will be payable from 90% of the tax increment generated from the Minimum Improvements for a period of up to 20 years

The PAYGO note will be issued upon completion of the Minimum Improvements and proof of expenditures for qualified TIF-eligible costs.

- 8. Fees: Within two (2) weeks of approval of this Term Sheet by the City, Developer shall deposit to the City the sum of Ten Thousand Dollars (\$10,000.00) to pay for the reasonable out-of-pocket legal, financial consultant and administrative fees associated with this transaction. Unexpended funds will be returned to the Developer and if, additional funds are needed to pay such expenses, the Developer will deposit such additional funds upon request by the City.
- 9. Look-Back Provision: The TIF Agreement will include a look-back provision to review actual project performance and returns on investment against initial projections. If returns on investment exceed certain limitations, then the TIF notes may be reduced.
- 10. Development Fees / Plat: Development fees, including but not limited to Park Dedication, Sewer, Water, Storm Sewer will be included in the Development Agreement. Any reduction or amendment to these standard fees will require City Council approval.

The Developer acknowledges that except for Section 8 above which shall be binding upon the Developer, this Term Sheet shall not be deemed conclusive or legally binding upon either the Developer or the City, and neither the Developer nor the City shall have any obligations regarding the Property, the Minimum Improvements or the Public Assistance described herein, unless and until a definitive TIF Agreement is approved by the City Council and executed by both the Developer and the City.

PRESBYTERIAN HOMES HOUSING AND ASSISTED LIVING,
INC., A MINNESOTA NON-PROFIT CORPORATION

By: _____
Its: _____

MEMORANDUM

TO: Sean Sullivan, Economic Development Manager
 FROM: Jason Aarsvold, Ehlers
 DATE: July 13, 2023
 SUBJECT: Presbyterian Homes TIF Request

The City of Ramsey (the “City”) received a financial assistance request from Presbyterian Homes (the “Developer”) to construct a rental housing community located at 14501 Nowthen Blvd NW. The project will be built in two separate phases. Phase 1 will include construction of a 280-unit general occupancy apartment with at least 20% of the units occupied or held for occupancy by persons and families whose incomes do not exceed 50% of area median income (AMI). Phase 2 will include 160-unit senior (62+) apartment and 20 (62+) rental park homes and with at least 20% of the units occupied or held for occupancy by persons and families whose incomes do not exceed 50% of AMI.

The Developer’s initial request for TIF assistance was just over \$22 million for the project. After a review of values with the county assessor, legislative changes to the affordable housing tax classification rate and other project specifics, Ehlers determined the project could not generate that amount of increment. The Developer’s request was subsequently reduced as outlined below.

Phase 1 TIF Request

The Developer requested \$7.3 million in tax increment financing (TIF) to make Phase 1 financially feasible. Ehlers conducted a thorough review of the Developer’s current pro forma based on industry standards for construction, land, and project costs, affordable rental rates and operating expenses, developer fees, available funding sources, underwriting criteria, and project cash flow. Based on the results of the pro forma analysis, we conclude the project would require \$5.632 million in TIF assistance to achieve financial feasibility, which is a projected 20 years of TIF payments. The Developer determined they can proceed with the recommended level of assistance. The table below depicts the proposed sources and uses for the project.

SOURCES			
	Amount	Pct.	Per Unit
First Mortgage	54,922,742	61.8%	196,153
TIF Mortgage (Note)	5,632,000	6.3%	20,114
Equity	28,306,318	31.9%	101,094
TOTAL SOURCES	88,861,060	100%	317,361

USES			
	Amount	Pct.	Per Unit
Acquisition Costs	3,500,000	3.9%	12,500
Construction Costs	71,243,193	80.2%	254,440
Professional Services	5,583,334	6.3%	19,940
Financing Costs	3,394,570	3.8%	12,123
Developer Fee	3,432,156	3.9%	12,258
Cash Accounts/Escrows/Reserves	1,707,807	1.9%	6,099
TOTAL USES	88,861,060	100%	317,361

Phase 1 Project and Pro Forma Analysis:

- **Project Financing:** The Developer proposes to finance Phase 1 with a combination of debt and equity. The project assumes 68% debt financing (including the TIF portion) and 32% equity. The proposed financing is acceptable for the project.
- **Total Development Costs (TDC):** The TDC of the project is nearly \$88.9 million or \$317,361 per unit. Projects like this one are generally ranging between \$250,000 and \$325,000 per unit so the Phase 1 building is within the market range.
- **Land Acquisition Costs:** The proposed land acquisition cost is \$3.5 million or approximately \$12,500 per unit. We would expect the cost of land to be between \$7,000 and 15,000 per unit, so this land purchase price is acceptable for the project.
- **Rents:** 20% of the units (56 total) will be set aside for those with incomes at or below 50% of area median income (AMI), which qualifies the project for inclusion in a Housing Tax Increment Financing district. The projected affordable rents are inflated for occupancy in 2026 and acceptable for the project. Market rate rents are projected at \$2.70 per sq. ft. which is the high end of the market for Ramsey.

The affordable rent and income limits are set by the United States Department of Housing and Urban Development (HUD) on an annual basis. The following tables include the current rent and income limits.

Income Limits by Household Size (2023)								
	1	2	3	4	5	6	7	8
30%	26,100	29,820	33,540	37,260	40,260	43,230	46,230	49,200
50%	43,500	49,700	55,900	62,100	67,100	72,050	77,050	82,000
60%	52,200	59,640	67,080	74,520	80,520	86,460	92,460	98,400

Maximum Gross Rents by Bedroom Size (2023)							
	Studio	1	2	3	4	5	6
30%	652	699	838	969	1,080	1,192	1,304
50%	1,087	1,165	1,397	1,615	1,801	1,988	2,173
60%	1,305	1,398	1,677	1,938	2,616	2,385	2,608

- **Operating Expenses:** The operating expenses of approximately \$6,606 per unit per year are higher than the typical range of \$3,500 to \$4,500 per unit per year (before management fees, property taxes, and replacement reserves). These operating expenses include the management fee, however, and are acceptable for the project.
- **Reserves:** The annual deposit to replacement reserves are proposed to be at \$275 per unit per year. Typical deposits to the replacement reserve range between \$250 - \$450.

- Developer Fee: The developer fee of \$3,432,156 is 3.9% of total development costs. This is within the typical industry range of 3-5% for rental projects. The proposed fee is within the typical range.
- Return on Investment – The project’s *average* yield on cost return on investment (net operating income / total development costs) with 20 years of TIF assistance is 7%. Developers typically need a yield on cost of between 6.5% to 7% for feasibility. Since the project reaches this level within 20 years, we conclude TIF payments can stop at this point.

Phase 2 TIF Request

The Developer requested \$4.68 million in tax increment financing (TIF) to make Phase 2 financially feasible. Based on the results of the pro forma analysis, we conclude the project would require \$3.631 million in TIF assistance to achieve financial feasibility, which is a projected 20 years of TIF payments. The Developer determined they can proceed with the recommended level of assistance. The table below depicts the proposed sources and uses for the project.

SOURCES			
	Amount	Pct.	Per Unit
First Mortgage	40,297,092	58.8%	223,873
TIF Mortgage (Note)	3,631,000	5.3%	20,172
Equity	20,705,611	30.2%	115,031
Fundraising	3,905,000	5.7%	21,694
TOTAL SOURCES	68,538,703	100%	380,771

USES			
	Amount	Pct.	Per Unit
Acquisition Costs	2,070,000	3.0%	11,500
Construction Costs	51,214,567	74.7%	284,525
Professional Services	9,236,520	13.5%	51,314
Financing Costs	2,424,672	3.5%	13,470
Developer Fee	2,332,227	3.4%	12,957
Cash Accounts/Escrows/Reserves	1,260,717	1.8%	7,004
TOTAL USES	68,538,703	100%	380,771

Phase 2 Project and Pro Forma Analysis:

- Project Financing: The Developer proposes to finance Phase 2 with a combination of debt and equity. The project assumes 64% debt financing (including the TIF portion) and 30% equity. The remaining portion will come through fundraising efforts. The proposed financing is acceptable for the project.
- Total Development Costs (TDC): The TDC of the project is nearly \$68.5 million or \$380,771 per unit. Projects like this one are generally ranging between \$250,000 and \$325,000 per unit. The cost of the 20 park homes brings up this cost, however. The Phase 2 buildings are within the market range.
- Land Acquisition Costs: The proposed land acquisition cost is \$2.07 million or approximately \$11,500 per unit. We would expect the cost of land to be between \$7,000 and 15,000 per unit, so this land purchase price is acceptable for the project.

- Rents: 20% of the units (36 total) will be set aside for those with incomes at or below 50% of area median income (AMI), which qualifies the project for inclusion in a Housing Tax Increment Financing district. The projected affordable rents are inflated for occupancy in 2026 and acceptable for the project. Market rate rents are projected at \$2.68 per sq. ft. which is the high end of the market for Ramsey.
- Operating Expenses: The operating expenses of approximately \$8,712 per unit per year are higher than the typical range of \$3,500 to \$4,500 per unit per year (before management fees, property taxes, and replacement reserves). These operating expenses, however, include the management fee as well as some housekeeping and wellness activities and are acceptable for the project.
- Reserves: The annual deposit to replacement reserves are proposed to be at \$350 per unit per year. Typical deposits to the replacement reserve range between \$250 - \$450.
- Developer Fee: The developer fee of \$2,332,227 is 3.4% of total development costs. This is within the typical industry range of 3-5% for rental projects. The proposed fee is within the typical range.
- Return on Investment - The project's *average* yield on cost return on investment (net operating income / total development costs) with 20 years of TIF assistance is 7%. Developers typically need a yield on cost of between 6.5% to 7% for feasibility. Since the project reaches this level within 20 years, we conclude TIF payments can stop at this point.

Recommendation:

Based on our review of the Developer's pro forma and under current market conditions, the proposed development may not reasonably be expected to occur solely through private investment within the near future. Due to the costs associated with developing the property and constructing housing with affordable rents, this project is only feasible, in part, through public assistance.

TIF assistance should be provided on a "pay-as-you-go" (PAYGO) basis. With PAYGO TIF assistance, the City does not provide any funding up-front. Instead, the City enters into an agreement to provide tax increment payments that are generated solely from the project's actual increased property taxes. The Developer uses those tax increment payments to obtain additional debt and/or support returns on investment. If the tax increment is insufficient to pay the \$2.7 million in total TIF notes, the City does not make up the shortfall.

Please contact me at 651-697-8512 if you have any questions or comments.



Anoka County

PROPERTY RECORDS & TAXATION DIVISION

Respectful, Innovative, Fiscally Responsible

6/12/2023

Presbyterian Homes Apartments Project Estimate

Assessor's Office
ANOKA COUNTY

Government Center ▲ 2100 Third Avenue ▲ Anoka, MN 55303-2281
Fax: 763-324-1140 ▲ www.anokacounty.us/prop-records-tax

Affirmative Action / Equal Opportunity Employer

June 12, 2023

Jason Aarsvold
Senior Municipal Advisor
Ehlers Public Finance Advisors
3060 Centre Pointe Dr.
Roseville, MN 55113

RE: Presbyterian Homes project estimate

Based on the preliminary information that you sent to our office, I am providing herein an estimate of both market value and tax amount for this project.

<u>Estimated Market Value</u>	<u>Estimated Tax</u>
Land \$5,378,300	\$1,292,366
Building \$98,993,300	
Total \$104,371,600	
Estimated TIF Base Value \$5,378,300	

Please be advised that since final building plans and specifications are not available at this time, the above value is based on preliminary information only and consequently are only estimates. Because of this, several assumptions have been made which may differ from the actual in place construction. Also, since by law all real property is revalued annually on January 2, the value is subject to change from year to year.

When calculating the tax estimate herein, I used the current statutory tax rates, fiscal disparities ratio, and area wide tax rate and local tax rate. These are all subject to change every year. This estimate does not include any solid waste fees or special assessments levied by any unit of government.

If you should have any further questions, please feel free to contact me at 763-324-1127

Sincerely,



Diana Stellmach
Deputy Assessor | Anoka County Assessor's Office | 2100 Third Avenue, Anoka MN 55303
Phone 763.324.1106 | Email Diana.Stellmach@co.anoka.mn.us

Cc: Sean Sullivan, Ramsey Economic Development Manager



Product Type	Unit Count
Senior Housing (62+ independent living)	160
Park Homes (62+ twin homes)	20
Multi-Family Housing (All Age)	280
Community Park Features (hardscape and natural trails, 4 pickleball courts)	0
Total	460 Units

Product Type & Representative Imagery

Senior Apartments (62+ Independent Living)



Multi-Family Housing

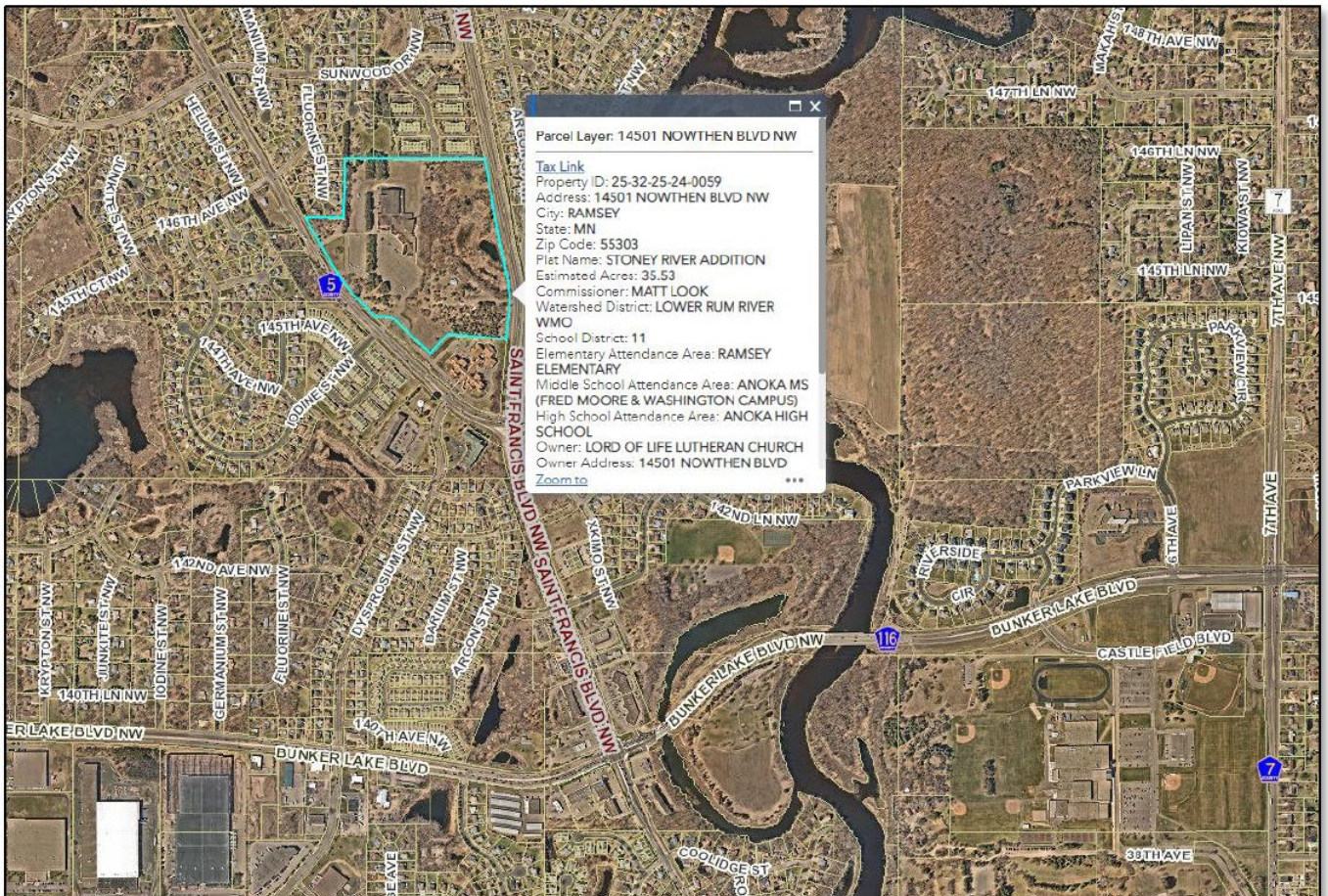


Park Homes (Single Story Twin Homes)



Community Park Features & Trails





C. PUBLIC PURPOSE OBJECTIVES

It is the policy of the City and EDA of Ramsey that the business assistance should result in a public benefit as identified in items 1-10 below. Please indicate how the proposed project will accomplish this by checking the appropriate boxes. **Attach additional narrative as Part 7.**

- 1. To encourage redevelopment.
- 2. To retain local jobs and/or increase the number and diversity of jobs that offer stable employment and/or attractive wages and benefits.
- 3. To enhance and/or diversify the City's economic base.
- 4. To encourage additional unsubsidized private (re)development.
- 5. To remove blight and/or encourage (re)development of commercial and industrial areas.
- 6. To create housing opportunities.
- 7. To provide a diversity of housing.
- 8. To provide a variety of family housing ownership alternatives and housing choices.
- 9. To promote neighborhood stabilization and revitalization by the removal of blight and the upgrading of existing housing stock in residential areas.
- 10. To accomplish other public policies which may be adopted such as the promotion of quality urban or architectural design, energy conservation, and decreasing capital and/or operating costs of local government.
 - Utilization of architectural and landscaping techniques that will enable the components of the project to blend with the natural environment.
 - Mitigation of project impact on the natural environment.

D. SOURCES & USES OF FUNDS

Attach additional information as Part 8

<u>SOURCES</u>	<u>AMOUNT</u>
Bank Loan	\$ _____
Other Loans	\$ _____
Owner Equity	\$ _____
Fed Grant/Loan	\$ _____
State Grant/Loan	\$ _____
Industrial Development Bonds	\$ _____
Tax Increment Financing	\$ _____
Tax Abatement	\$ _____
Revolving Loan Fund	\$ _____
Other	\$ _____
TOTAL	\$ _____

<u>USES</u>	<u>AMOUNT</u>
Land Acquisition	\$ _____
Site Development	\$ _____
Construction	\$ _____
Machinery & Equipment	\$ _____
Architectural/Engineering Fees	\$ _____
Debt Service Reserve	\$ _____
Contingencies	\$ _____
Other	\$ _____
TOTAL	\$ _____

Total Amount of business assistance requested from either Revolving Loan Fund, Abatement, Tax Increment Financing or another source: \$ _____

E. ADDITIONAL DOCUMENTATION AND CHECKLIST

Applicants will also be required to provide the following documentation. All personal financial information will be kept private and confidential.

- 1. Written business plan or a description of the business, ownership/ management, date established, products and services, and future plans.
- 2. Financial statements for past two years, including profit and loss statements and balance sheets.
- 3. Two year financial projections.
- 4. Personal financial statements of all major shareholders (principals) including the most recent 2 years of tax returns. (If requested.)
- 5. Letter of commitment from other sources of financing, stating terms and conditions of their participation in the project.
- 6. Administrative fee of up to \$5,000. In addition to defraying the cost of staff time, the fee will be used to pay costs associated with processing this request for financial assistance such as legal, engineering and financial analysis. The City reserves the right to stop the processing of the request until additional fees are paid should the original amount be insufficient to pay such costs. That portion which remains unspent, if any, will be returned only if the project is denied approval.
- 7. Attach the following documentation:
 - _____ Part 1 – Corporation/Partnership Description
 - _____ Part 2 – List of Shareholders/Partners
 - _____ Part 3 – Description of Project
 - _____ Part 4 – *But For* Analysis
 - _____ Part 5 – List of Prospective Lessees (If requested)
 - _____ Part 6 – Legal Description, Property Identification Numbers, maps of the project area, and project renderings
 - _____ Part 7 – Public Purpose Narrative
 - _____ Part 8 – Sources & Uses of Funds – Additional Information

The undersigned certifies that all information provided in this application is true and correct to the best of the undersigned’s knowledge. The undersigned authorizes the City and EDA of Ramsey to check credit references, verify financial and other information, and share this information with other political subdivisions as needed. The undersigned also agrees to provide any additional information as may be requested by the City after the filing of this application.

Applicant Name _____  _____ Date _____

By _____

Its _____

EXHIBIT B
BUSINESS ASSISTANCE REVIEW WORKSHEET
FOR COMMERCIAL/INDUSTRIAL PROJECTS
TO BE COMPLETED BY APPLICANT AND CITY STAFF

A. The project meets which of the following objectives as set forth in Section C of the Business Assistance policy:

- 1. To encourage redevelopment.
- 2. To retain local jobs and/or increase the number and diversity of jobs that offer stable employment and/or attractive wages and benefits.
- 3. To enhance and/or diversify the City's economic base.
- 4. To encourage additional unsubsidized private (re)development.
- 5. To remove blight and/or encourage (re)development of commercial and industrial areas.
- 6. To accomplish other public policies which may be adopted such as the promotion of quality urban or architectural design, energy conservation, and decreasing capital and/or operating costs of local government.
 - Utilization of architectural and landscaping techniques that will enable the components of the project to blend with the natural environment.
 - Mitigation of project impact on the natural environment.

B. Ratio of Private to Public Investment in Project:

\$ _____	Private Investment	5:1	<u>5</u>
\$ _____	Public Investment	4:1	<u>4</u>
_____	Ratio Private : Public Financing	3:1	<u>3</u>
		2:1	<u>2</u>
		Less than 2:1	<u>1</u>

Points:

C. Job Creation:

_____	Net <i>new</i> jobs (minimum 40 hours per week) or fulltime equivalents	50+	<u>5</u>
		20+	<u>4</u>
		10+	<u>3</u>
		5+	<u>2</u>
		Less than 2	<u>1</u>

Points:

D. Wage Level of jobs created:

Average hourly wage		Over \$21/hour	<u>5</u>
Of <i>new</i> jobs	_____	\$18-21/hour	<u>4</u>
		\$14-17/hour	<u>3</u>
		\$10-13/hour	<u>2</u>
		Under \$10/hour	<u>1</u>

Points:

E. Ratio Of Business Assistance To New Jobs Created:

\$ _____ Business assistance requested
_____ Number of net *new* jobs created
\$ _____ of business assist. per net *new* job created

Points:	_____
\$5,000 or less	<u>5</u>
\$15,000 or less	<u>4</u>
\$25,000 or less	<u>3</u>
\$50,000 or less	<u>2</u>
Over \$75,000	<u>1</u>

F. Project size:

The project will result in the construction
of _____ square feet

Points:	_____
75,000+	<u>5</u>
50,000+	<u>4</u>
25,000+	<u>3</u>
10,000+	<u>2</u>
5,000 or less	<u>1</u>

G. Type of Project:

_____ 100% Owner Occupied
_____ Mix Owner Occupied & Investment
_____ Investment Property

Points:	_____
	<u>5</u>
	<u>3</u>
	<u>1</u>

H. Likelihood that the project will result in unsubsidized, spin-off development:

_____ High
_____ Moderate
_____ Low

Points:	_____
	<u>5</u>
	<u>3</u>
	<u>1</u>

I.

Sub-Total Points _____ of a possible 35 points.

Bonus Points

The project will be 100% *pay-as-you-go* financing.
The project is a redevelopment project.

Bonus Points:

_____	<u>3</u>
_____	3 1.5

Total Points: _____

Overall project analysis:	High	35 points
	Moderate	25 points
	Low	15 points
	Not Eligible	5 points

Economic Development Authority (EDA)**Meeting Date:** 07/13/2023**Primary Strategic Plan Initiative:** {@!@ud_pd8@!@}**Title:**

Consider Offers to Purchase and Develop a Portion of Outlot A, COR TWO (Updated)

Purpose/Background:

The EDA may choose to go into closed session pursuant to Minnesota Statutes section 13D.05, subdivision 3(c)(3) to consider offers or counteroffers for the purchase or sale of real or personal property. If the EDA chooses to enter into closed session, the statute and reason above needs to be referenced along with legal description Outlot A, COR TWO and the Anoka County Tax ID number 28-32-25-22-0058.

The purpose of this case is to review two offers to develop a portion of Parcel 46 for a single family townhome development. Both Centra Homes and Capstone Homes have been working with City staff on development proposals for approximately 16 acres of land north of the future West Ramsey Parkway. Both developers will make a presentation for their projects and be available for questions.

It should be noted that both of the offers are at the low end or below the deal range for Parcel 46. The City will also be spending additional funds for tree removal, grubbing, incidental wetland filling, soil importing and compaction on Parcel 46 to prepare it for development (~ \$1,145,800). Zeolite Street NW and W. Ramsey Parkway adjacent to the site will also need to be constructed to bring this project to market. (~ \$2,368,000) Based on the offers, it is clear that the purchase price alone will not cover the cost of these improvements. However, when you consider the purchase price and expected TIF generation for each project, the projected revenue exceeds the expenditures in most cases. Each project also generates over 1 Million in development fees. Both properties will require a re-zone to a residential district. The Centra project meets COR Framework Design standards and would require a rezone to COR 4A or COR 4B. The Capstone project is not compliant with COR Framework design standards and they are requesting a rezone to R-2 which does not have the higher COR Framework standards. The addition of 103-130 new housing units will result in a significant population increase that helps draw interest in retail and restaurants. It should also be noted that both developers expressed an interest in developing the three acre commercial site on the Northeast corner of Sunwood Blvd and Armstrong Blvd residentially but this was not included in the analysis based on the EDA and Council preference to see commercial development on that corner.

Staff suggests going into closed session after the presentations have been completed by both developers to further evaluate the proposals and to consider offers and counter-offers.

Notification:

N/A

Time Frame/Observations/Alternatives:

The economics outlined above and on the attached exhibits show all proposed projects and the potential financial impacts for the City of Ramsey. Staff has put together an additional Capstone scenario that assumes that Wetland 2 is not able to be filled and it includes 115 units to mirror the previous density. All of these projects do not maximize the land sale revenue for the north portion of Parcel 46 but the tax revenue does make up some of that gap. A large format retail user, other commercial uses and apartment projects will likely command a higher per square foot cost. However, both the City Council, Planning Commission and the EDA have been supportive of single family, owner-occupied, housing developed on this site and the City has been unsuccessful in attracting

a big box retailer to this location. Both Capstone and Centra are proposing quality products that will generate significant tax revenue and will result in an increase of population density in the COR.

Staff believes that both developers have brought forth complete, competitive proposals. Staff (including Planning Staff) does have some concerns with the request by Capstone Homes for reduced Park Dedication Fees and a housing product that is not compliant with the COR Framework standards. Staff also has some concerns with the ability to get Wetland 2 declared incidental which would reduce the amount of units in the Capstone 130 unit development.

The EDA should consider the following questions and formulate a recommendation to the City Council:

- 1) Is the EDA supportive of the proposed single family residential development on Parcel 46 instead of waiting for a large format commercial user or other development type?
- 2) Does the EDA like the housing product and layout that is being proposed in the COR?
- 3) Is the EDA supportive of a zoning change from a COR Zoning District to COR 2A, COR 2B or R-2?
- 4) Is the EDA supportive of a housing product that is not compliant with COR Framework?
- 5) Is the EDA supportive of a reduction in Park Dedication Fees to support affordability as referenced in the Capstone proposal?
- 6) Are the economics of each project sufficient to make a recommendation to the City Council?
- 7) Are there any counter offers the EDA are willing to make?
- 8) Is the EDA comfortable with Staff drafting a Purchase Agreement using the terms included in the packet with the selected developer(s) for City Council consideration without bringing it back to the EDA?

If the EDA is comfortable moving a housing project forward, Staff would like to see a recommendation by the EDA to select a developer and project and make that recommendation to the City Council. In the event that a decision cannot be made to select one developer, Staff would ask the EDA to provide detailed comments/suggestions for the City Council to consider at Work Session to help select a developer.

Alternatives:

- 1) Motion to recommend to the City Council to select (Insert Developer) and execute a Purchase Agreement with the terms included in the Developers proposal
- 2) Motion to recommend to the City Council to select (Insert Developer) and execute a Purchase Agreement with negotiated terms recommended by the EDA
- 3) Motion to recommend rejection of the attached offers and hold the land for future development
- 4) Motion to provide comments and recommendations on each proposal to the City Council to be further discussed at a City Council Work Session
- 5) Something else

Funding Source:

N/A

Recommendation:

Based on discussion

Outcome/Action:

Alternatives:

- 1) Motion to recommend to the City Council to select (Insert Developer) and execute a Purchase Agreement with the terms included in the Developer's proposal
- 2) Motion to recommend to the City Council to select (Insert Developer) and execute a Purchase Agreement with negotiated terms recommended by the EDA
- 3) Motion to recommend rejection of the attached offers and hold the land for future development
- 4) Motion to provide comments and recommendations on each proposal to the City Council to be further discussed at a City Council Work Session
- 5) Something else

Attachments

Site Location Map
Capstone LOI and Offer
Capstone Offer Summary 1 and 2
Centra LOI and Offer
Centra Offer Summary
Reference- COR Design Framework
Reference - COR Infrastructure Analysis
Development Type Comparison 3.28.23 WS

Form Review

Inbox

Brian Hagen
Sean Sullivan (Originator)
Form Started By: Sean Sullivan
Final Approval Date: 07/11/2023

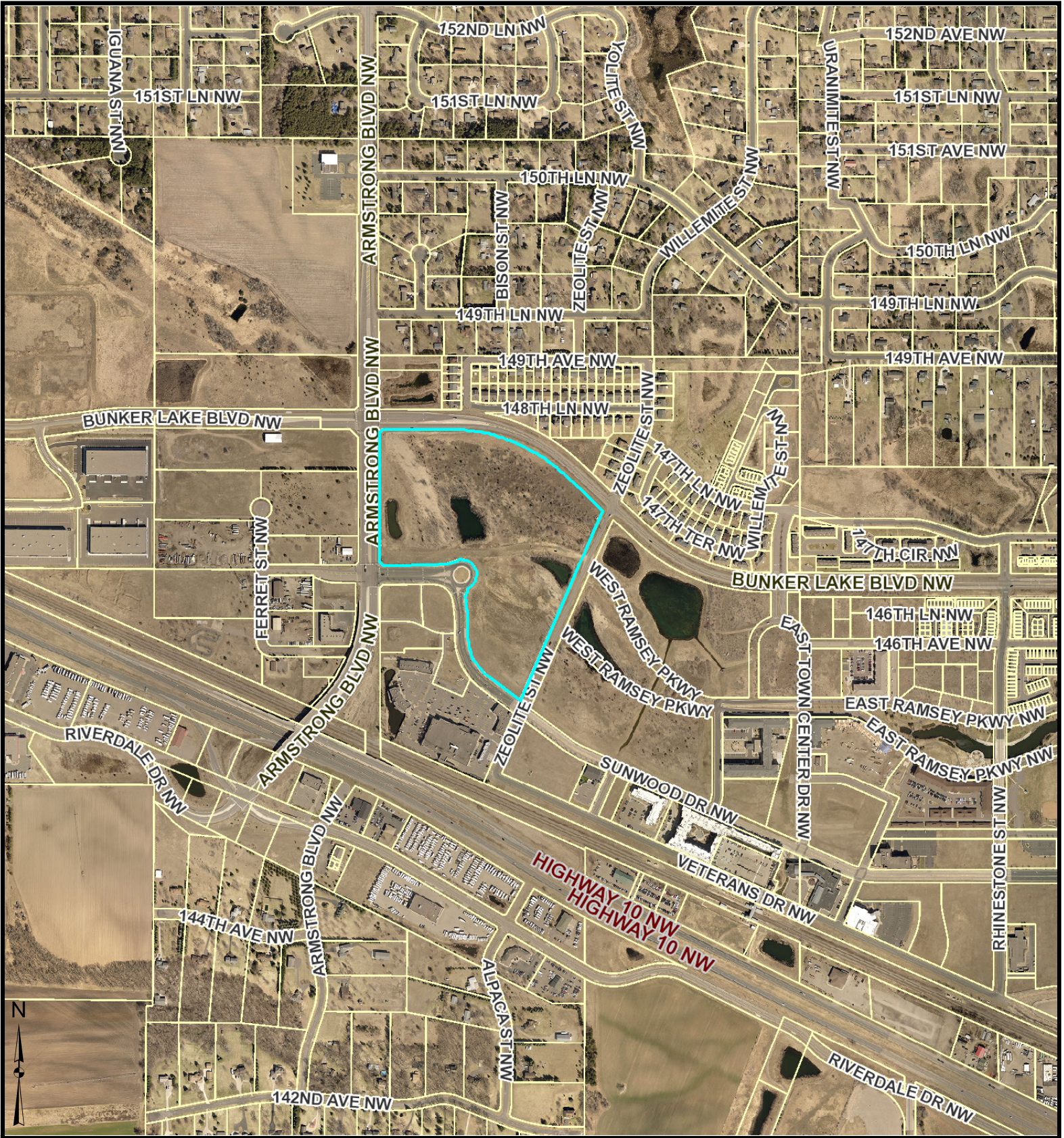
Reviewed By

Brian Hagen
Sean Sullivan

Date

07/07/2023 12:48 PM
07/11/2023 11:48 AM
Started On: 06/22/2023 01:51 PM

Parcel 46 - Site Location Map



Parcel Information:

28-32-25-22-0058

Approx. Acres: 30.76

Commissioner: MATT LOOK

RAMSEY
MN 55303

Plat: COR TWO

Owner Information:



CAPSTONE

— HOMES —

June 7, 2023

Mr. Sean Sullivan
Economic Development Director
City of Ramsey
7550 Sunwood Drive NW
Ramsey, MN 55303

Mr. Sullivan,

Please accept this letter as an initial offer for consideration to purchase +/-16.6 acres of Parcel #46 north of future Ramsey Blvd. Using the feedback we've received from the workshop in March, this sketch reserves approximately 3 acres for retail space, ponding along Armstrong and most of wetland #1. The residential area, +/- 16.6 acres, includes 130 townhome units. The reserved retail space, ponding and wetland (+/- 6 acres) mentioned above would be retained by the city of Ramsey. Please see the revised sketch attached for reference.

- ❖ Some unique amenities that this neighborhood will offer:
 - Newly designed townhomes with Parcel #46 in mind.
 - Anticipated average price \$335,000.00.
 - Multiple plans will include three bed, three bath homes and two-car garage.
 - Offering 1500-1800 square feet
 - Townhomes along Bunker Lake Boulevard, Zeolite Street and Ramsey Boulevard will include enhanced rear and side architecture.
 - The trails and sidewalks through the neighborhood, including a connection to the Lake Itasca trail system, will allow for the walkability the city is desiring to achieve in the COR.
 - A half-acre HOA maintained recreational open space for neighborhood play will include an amenity to be determined; a gazebo, dog park or pickle ball court are all being considered by the developer at this time. We welcome feedback from city staff.
 - Proximity to future Waterfront Park and the heart of the COR
- ❖ Land Price: \$6,100.00 per unit. Currently the sketch includes 130 units to accommodate the revised layout of Ramsey Boulevard. Total Price: \$793,00.00.
- ❖ The price includes the following assumptions:
 - The site is currently short of material (dirt).
 - The city is planning to provide the necessary material from off-site to balance the site.
 - The developer will not be required to import any material to balance the site.
 - Tree removal and grubbing will be provided by the city at no cost to the developer.
 - Developer participation of \$256,600.00 (20% of cost) toward Ramsey Boulevard.
 - The city will bear the sole cost of construction of Zeolite Street.
 - The developer will pursue a wetland permit to mitigate Wetland #2 as identified in the City Feasibility report. The developer will seek to get this wetland re-classified as incidental, in which case, purchase of wetland credits will not be required.
 - Developer to confirm construction costs.

CAPSTONE HOMES, INC.
14015 SUNFISH LAKE BLVD, SUITE 400 | RAMSEY, MN 55303
O: 763-427-3090 | F: 763-712-9060

- The developer will request reduced park dedication fees to correspond with the first-time buyer price point.
- ❖ Earnest Money: \$25,000 or other amount mutually agreed upon by Buyer and Seller.
- ❖ Inspection Period: 180 days from signature of Purchase Agreement.
- ❖ Closing would take place following Final Plat approval.
- ❖ Rezoning approval to R-2 (attached townhome) or similar.
- ❖ Construction is anticipated to begin spring of 2024, with anticipated development approvals.
 - Two or three phases of construction depending on market conditions.
 - Sales pace is expected to be 2-3 homes per month.
- ❖ After careful consideration, the plan will not include additional sidewalks from the rear of the buildings.

Some of these considerations include:

- The Capstone townhome design is a market-driven (front loaded) townhome design, featuring optimal rear yard usable green space.
 - This Capstone design appeals to a larger portion of the townhome market; including families, professionals and first time home buyers.
 - Capstone's plan is frontloaded; the front entrance located on the interior/street side of the neighborhood.
 - Capstone homes does not offer an urban alley load townhome.
- Our neighborhood design optimizes green space.
 - Our greenspace design reduces impervious surface and offers over 7 acres of greenspace.
 - The greenspace is continuous without sidewalk separation, allowing for optimal use of the rear yard areas.
- Additional sidewalks would impact price point for buyers.
 - Urban sidewalk design would increase construction costs and directly impact the home price (Concrete, grading, and irrigation).
 - Urban sidewalk design would increase HOA assessments.
 - Increases in both mowing and snow removal contracts.
 - Increase in required reserves for replacement.

Parcel #46 has great development potential to enhance the comprehensive vision for the city of Ramsey. The architecture as presented, and neighborhood design fit the character of the COR and will complement well the vision the city has for the COR. The sketch plan introduced here can be the 'bookend' the city has been looking for to develop Parcel #46 within the Sunwood corridor. The attached townhome will bring increased density at eight units per acres and corresponding tax revenue desired by the city. The additional homeowners within the COR will promote walkability in the COR, entice more restaurants and retail to come into the COR.

As a Ramsey based company, Capstone Homes has enjoyed working closely with city staff and elected bodies over the years to bring highly sought-after quality homes in the Brookfield, Riverstone, Riverstone South and The Preserve at Northfork neighborhoods. We look forward to working with the city staff and elected bodies once again to bring Parcel #46 to life.

Best regards,



Heather Lorch
Land Manager

Encl:

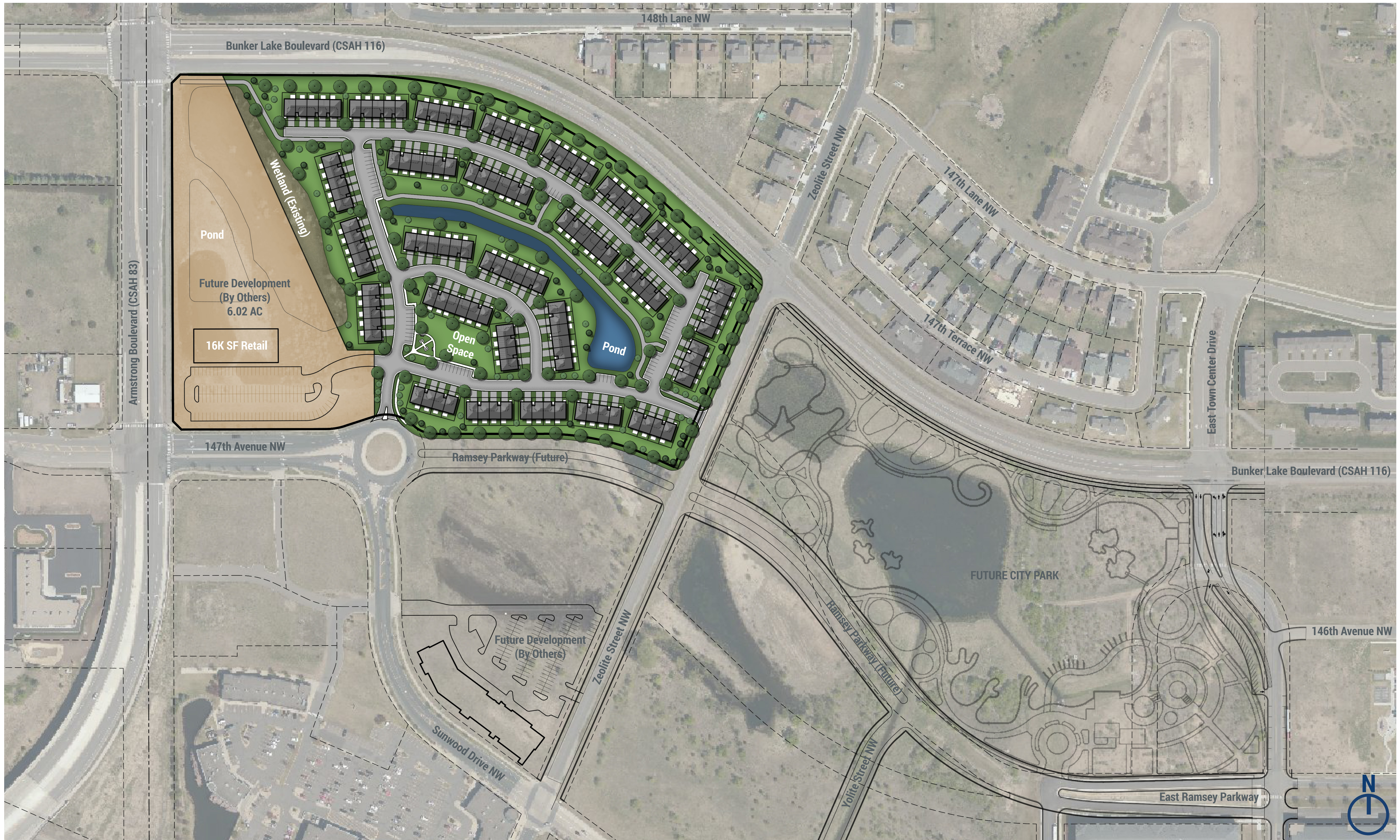
Color Rendering
Site Data

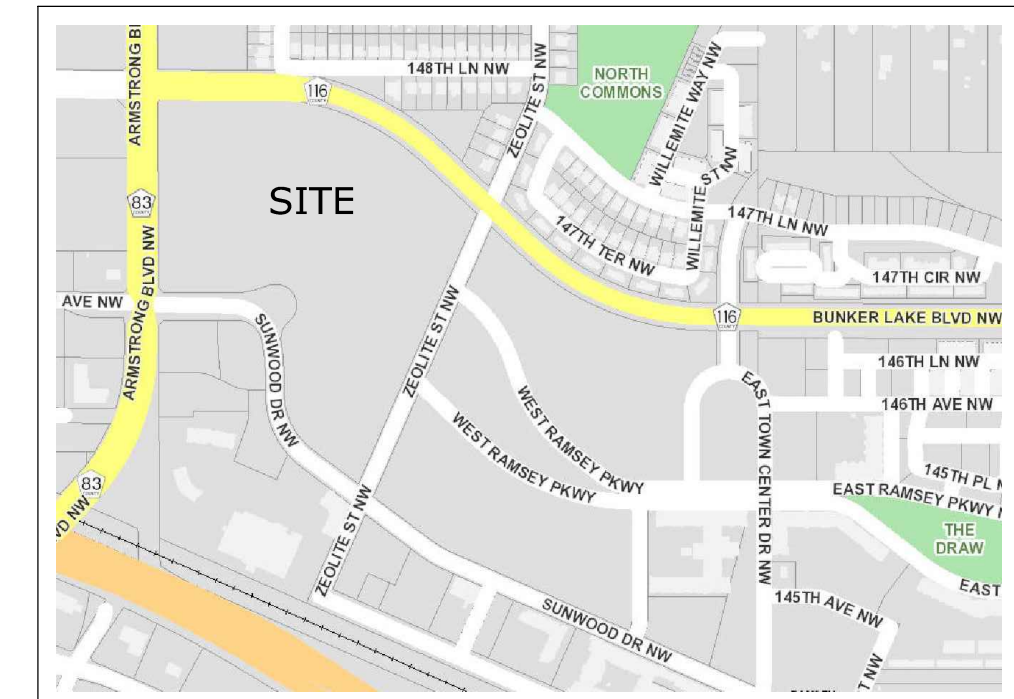
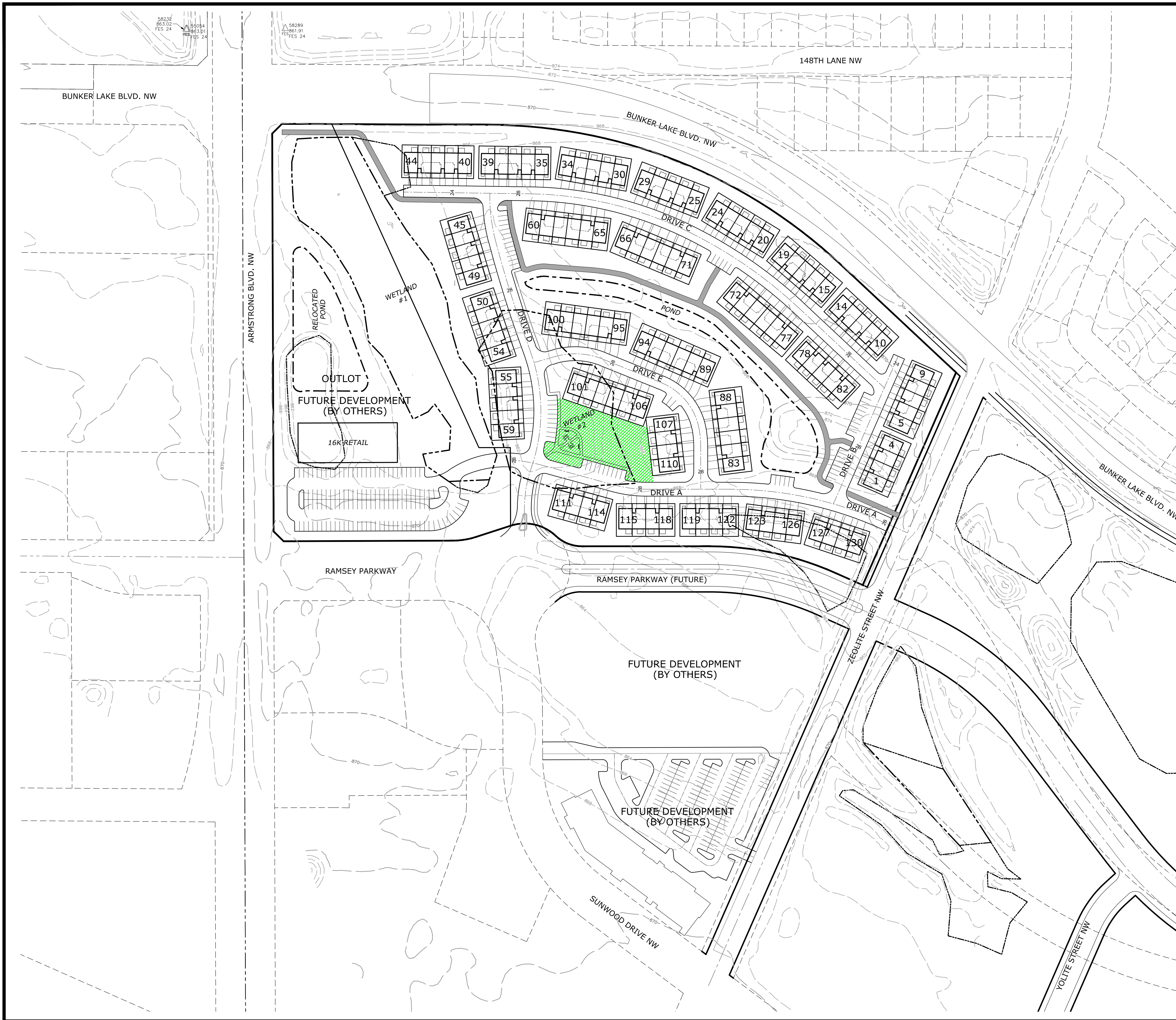


Enhanced rear and side architecture along Bunker Lake Boulevard, Xeolite Street and Sunwood Drive









SITE DATA

TOTAL SITE AREA	±22.68 AC.
TOTAL RESIDENTIAL AREA	±16.66 AC.
TOTAL OUTLOT AREA	±6.02 AC.
TOTAL NUMBER OF ROW HOME UNITS	130

MINIMUM RESIDENTIAL SETBACK DATA:

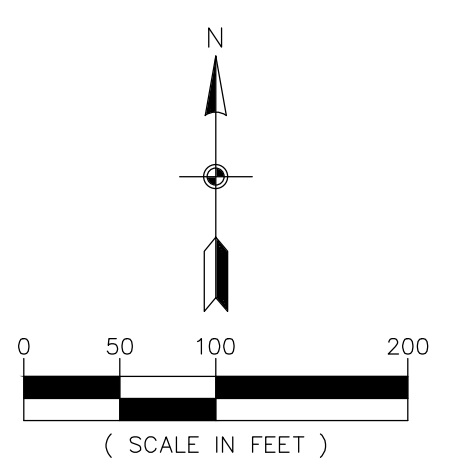
FRONT (HOUSE)	20 FT.
FRONT (GARAGE) TO CURB	25 FT.
SIDE (CORNER)	20 FT.
SIDE (BETWEEN BUILDINGS)	20 FT.
REAR SETBACK (BUILDING)	30 FT.

ROAD LINEAR LENGTH (PRIVATE DRIVES)	5,830 L.F.
OFF-STREET PARKING STALLS	65

NOTES

- 1) No field work has been completed at this time.
- 2) Topography shown is LIDAR which was provided by the Minnesota Department of Natural Resources.
- 3) No Title Work has been furnished for this survey, property is subject to all easements of record, if any.
- 4) Wetlands furnished by City of Ramsey.

- - - Denotes Historical Wetlands
- - - Denotes Incidental Wetland Impacts
- ▨ Denotes Open Space - ±0.51 Acres



CARLSON MCCAIN

ENGINEERING
SURVEYING
ENVIRONMENTAL

3990 PHEASANT RIDGE DRIVE NE, SUITE 100, BLAINE, MN 55449
TEL. 763.486.7900 \ FAX 763.486.7959 \ CARLSONMCCAIN.COM

CONCEPT PLAN A

VILLAGE at the COR
Ramsey, Minnesota

CAPSTONE HOMES, INC.
14015 Sunfish Lake Blvd. NW, Suite 400
Ramsey, MN 55303

REVISIONS

1.	05/10/2023	Revise layout.
2.	06/01/2023	Revise layout.
3.		
4.		
5.		
6.		

DRAWN BY: C#
ISSUE DATE: 03/20/2023
FILE NO: XXX

REVIEW COPY

1 of 2

Site: 08610381 - 1040110381 - ramsey-concept-plan-a.dwg

CAPSTONE - Preliminary Terms of Purchase Agreement and Development Agreement 7.7.23 (FOR DISCUSSION PURPOSES ONLY)

Developer	Capstone Homes
Commercial Pad	Yes, 6.02 acres, 3 Acre site
Acres Purchased	16.6
TIF Base Value Estimate	1894644
Captured Value Estimate	35122856
Units removed from TIF Calculation	7
TIF Generating Units	123
Years of Increment (Buildout done 2027 - Pay 2028)	13
Unit Density/Acre	7.83
Offer	793,000
\$ / SF	1.10
Earnest Money	\$25,000 Non refundable after Notice to Proceed is issued
Inspection Period	180 days from execution of PA
Closing	After Final Plat Approval (City typically requires 1 month after Inspection Period Ends / Paid Extensions)
Right of Re-Entry	Required, Cottages at COR Development (8 units per year, 40 total units required)
Project Phasing	2 to 3 phases (3 to 5 year buildout)
Contribution to W Ramsey Parkway	\$256,600 or 20% of Actual Cost to construct
Site Preparation	City to remove trees, import, place and compact fill to work with Future Zeolite St Construction
Filling of Wetlands	City to fill incidental wetlands onsite identified on Bolton and Menk wetland report.
Wetland Solution	Attempt to have Wetland 2 declared incidental, Developer to fill (City place Material onsite?)
Zoning	Currently Zoned COR 2B, Rezoning request for R-2 as part of offer
Unit Type	Attached Townhomes, Owner Occupied (NOT RENTAL)
Unit Square Footage	1500-1800 SF
Bedrooms Per Unit	3 bedroom and 3 bathrooms
Units along Bunker Lake Blvd, Zeolite, W Ramsey Pkwy	Enhanced Architecture
Unit Compliant with COR Framework	No, Sidewalks not included Streetside of building
Amenities	HOA maintained Open Space Area (park benches and Picnic Tables), trail
Trail Location	Internal to site, nothing shown along Bunker Lake Blvd
Number of Units	130
Sales Price (Ave)	335000
Tax Assessed Value / Unit (Ave) 85% of Sales Price	284750
Tax Assessed Valuation (Total Buildout)	37017500
Tax / Unit (Pay 2023 Rates)	2846
Total Tax Buildout Complete (Annual)	369980
Local Tax/Unit (Pay 2023 Rates)	2242
Total Local Tax - Buildout Complete (Annual)	291460
Annual TIF (Estimated upon full buildout (Pay 2027-2040)	276542
Total TIF Estimate (13 years of Increment)	3595051
City Tax / Unit (Pay 2023 Rates)	897
Total City Tax - Buildout Complete (Annual)	116584
Park Dedication (2023 rates)	585000
Trail Development (2023 Rates)	195000
Water Trunk (2023 Rates)	261170
Sewer Trunk (2023 Rates)	175370
Stormwater Mgmt (2023 Rates)	69420
Development Fee Total (less below)	1285960
Cost for Storm Water Pond in lieu of building	TBD
Street signs (Based on Development)	TBD
Sureties and Inspection Fees (based on project costs)	TBD
SAC (time of permit) 2023 rates Sub. To change	323050
WAC (time of permit) 2023 rates Sub. to change	192530
Items that need to be resolved	
Stormwater along Bunker Lk Blvd (Engineering)	Will need to Coordinate timing with Construction of Zeolite St
Removal of County Stormwater pond (Engineering)	Bolton and Menk Design
Unit Compliance with COR Framework	Requested rezone to R-2 which would bring product type into compliance
Filling of portion of Wetland 1 (Commercial Area)	WMO Approval Needed, City Responsibility
Filling of Wetland 2 (incidental vs mitigated)	Developer responsibility (City to place needed fill onsite)
Park Dedication	Request Reduction based on First Time Homebuyer price point Willing to Pay \$224,100 (deduct \$360,900)
Zoning	Currently Zoned COR 2B, R-2 Zoning request

CAPSTONE - Preliminary Terms of Purchase Agreement and Development Agreement 7.10.23 (FOR DISCUSSION PURPOSES ONLY)

Developer	Capstone Homes
Commercial Pad	Yes, 6.32 acres, 3 Acre site
Acres Purchased	16.3
TIF Base Value Estimate	1894644
Captured Value Estimate	30851606
Units removed from TIF Calculation	7
TIF Generating Units	108
Years of Increment (Buildout done 2027 - Pay 2028)	13
Net Area (Acres)	14.7
Unit Density/Acre	7.82
Offer	701,500
\$ / SF	0.99
Earnest Money	\$25,000 Non refundable after Notice to Proceed is issued
Inspection Period	180 days from execution of PA
Closing	After Final Plat Approval (City typically requires 1 month after Inspection Period Ends / Paid Extensions)
Right of Re-Entry	Required. Cottages at COR Development (8 units per year, 40 total units required)
Project Phasing	2 to 3 phases (3 to 5 year buildout)
Contribution to W Ramsey Parkway	\$256,600 or 20% of Actual Cost to construct
Site Preparation	City to remove trees, import, place and compact fill to work with Future Zeolite St Construction
Filling of Wetlands	City to fill incidental wetlands onsite identified on Bolton and Menk wetland report.
Wetland Solution	Wetland 1 and 2 are not proposed to be filled by developer.
Zoning	Currently Zoned COR 2B, Rezoning request for R-2 as part of offer
Unit Type	Attached Townhomes, Owner Occupied (NOT RENTAL)
Unit Square Footage	1500-1800 SF
Bedrooms Per Unit	3 bedroom and 3 bathrooms
Units along Bunker Lake Blvd, Zeolite, W Ramsey Pkwy	Enhanced Architecture
Unit Compliant with COR Framework	No, Sidewalks not included Streetside of building
Amenities	HOA maintained Open Space Area (park benches and Picnic Tables), trail
Trail Location	Internal to site, nothing shown along Bunker Lake Blvd
Number of Units	115
Sales Price (Ave)	335000
Tax Assessed Value / Unit (Ave) 85% of Sales Price	284750
Tax Assessed Valuation (Total Buildout)	32746250
Tax / Unit (Pay 2023 Rates)	2846
Total Tax Buildout Complete (Annual)	327290
Local Tax/Unit (Pay 2023 Rates)	2242
Total Local Tax - Buildout Complete (Annual)	257830
Annual TIF (Estimated upon full buildout (Pay 2027-2040)	242912
Total TIF Estimate (13 years of Increment)	3157861
City Tax / Unit (Pay 2023 Rates)	897
Total City Tax - Buildout Complete (Annual)	103132
Park Dedication (2023 rates)	517500
Trail Development (2023 Rates)	172500
Water Trunk (2023 Rates)	231035
Sewer Trunk (2023 Rates)	155135
Stormwater Mgmt (2023 Rates)	61410
Development Fee Total (less below)	1137580
Cost for Storm Water Pond in lieu of building	TBD
Street signs (Based on Development)	TBD
Sureties and Inspection Fees (based on project costs)	TBD
SAC (time of permit) 2023 rates Sub. To change	285775
WAC (time of permit) 2023 rates Sub. to change	170315
Items that need to be resolved	
Stormwater along Bunker Lk Blvd (Engineering)	Will need to Coordinate timing with Construction of Zeolite St
Removal of County Stormwater pond (Engineering)	Bolton and Menk Design
Unit Compliance with COR Framework	Requested rezone to R-2 which would bring product type into compliance
Filling of portion of Wetland 1 (Commercial Area)	WMO Approval Needed, City Responsibility
Park Dedication	Request Reduction based on First Time Homebuyer price point Willing to Pay \$198,243 (deduct \$319,257)
Zoning	Currently Zoned COR 2B, R-2 Zoning request

June 26, 2023

To: City of Ramsey

Re: Executive Summary for Offer and Concept of 'Parcel 46'

We are excited to present the City with an offer to purchase a portion of Parcel 46 for:

- \$ 640,000 for approximately 16.3 Acres that are planned to become a residential neighborhood, the Future Commercial corner is not part of this offer.

We have made the following high-level changes and assumptions since our proposal submitted on May 1st:

- This offer price contemplates the Developer contributing an additional \$ 256,600 to the Ramsey Parkway construction costs as defined by City Staff AND constructing a trail from the edge of the residential neighborhood to the corner of Armstrong Blvd and Bunker Lake Blvd. Both of these costs are technically 'off-site' but we felt both of these options are beneficial to the overall site.
- In review with the Consultant that completed the Wetland Review, the 'Historical' wetland as described in their report will be difficult to convince the Regulators to allow filling. Thus this plan substantially avoids these 'Historical' wetlands.
- Centra commits to work with market connections for a potential end user for the future Commercial Corner as detailed in Concept #1. This Concept Plan shows only one idea of how this corner might develop, the end user and City Staff will ultimately decide how this area will develop.
- If Centra is able to find an end use, a proposal will be brought forward to purchase and develop this corner. If no end user for commercial use can be found over the next two years, Centra will bring forward a proposal to develop this corner into additional residential homes as shown by Concept #2 submitted with this offer.
- The housing plans (see included proposed Elevations) are similar to the homes built in the Cottages at the COR neighborhood at the corner of Bunker Lake and Ramsey Blvd. These homes meet the Architectural Guidelines (COR4 Sub-District Framework) as described in 'The COR Design Framework' with Prominent Front Entrances, Walkways and Alley's in lieu of Driveways.
- A more detailed narrative of the Concept Plans are provided in a separate document.

We look forward to working with the City Stakeholders to bring forward this neighborhood.

Sincerely,



David Pattberg
VP of Land

OFFER TO PURCHASE

This offer to purchase includes the following terms and conditions that are acceptable to Centra Homes, and will be subject to the execution of a final and binding purchase agreement:

1. Property: Approximately 16.3 Acres, as defined by a portion of Outlot A, COR Two in Anoka, County, State of Minnesota to be further defined through Concept Review process to become 103 lots
2. Seller City of Ramsey
3. Buyer Centra Homes, LLC or its assigns
4. Purchase Price Six Hundred Forty Thousand Dollars (\$ 640,000)
5. Earnest Money Twenty Five Thousand Dollars (\$ 25,000) paid to Land Title, Coon Rapids, MN (the "Title Company") upon execution of a purchase agreement.
6. Inspection Period Buyer shall have One Hundred Eighty (180) days following the execution of the purchase agreement to complete its Inspection Period including Site Condition Review, Financial Review and Necessary Approvals (including but not limited to Preliminary Plat, Final Plat and other necessary approvals)
7. Closing Date The closing shall take place within one month after end of Inspection Period, if not all approvals are in place at this time Buyer shall have the option to extend the closing a total of two (2) times, each extension option shall be for 60 days by paying an additional \$ 10,000 earnest money payment applicable to purchase price. Each of these additional payments shall be non-refundable.
8. Seller Documents Seller shall provide all relevant documents certified to Buyer including but not limited to ALTA Survey, Wetland Delineations, Soil Logs and Report, Environmental Reports, etc within fifteen (15) days of signing the Purchase Agreement
9. Title Work Within fifteen (15) days of executing the Purchase Agreement, Seller will obtain a commitment for an owner's policy of title insurance issued by Land Title Company. Buyer will pay the premiums for the title policy at closing. Seller will pay for the cost of the commitment and any endorsements. The parties will agree to extend closing, if necessary to resolve any title and survey issues. Title to the property shall be conveyed to Buyer by Warranty Deed and shall convey fee simple marketable title to Buyer free and clear of all liens, encumbrances and other matter affecting title.

10. Taxes & Assessments

Seller shall pay any real estate taxes due and payable in the years prior to the year of closing. Real estate taxes for the year of closing shall be prorated between the parties at Closing. Seller shall pay all pending or levied special assessments as of the date of Closing related to the Property

11. Purchase Agreement

Buyer will prepare, within thirty (30) days of approval of this Offer, a draft of the Purchase Agreement to be reviewed, negotiated in good faith, and executed by the parties.

12. Other Assumption

- Site is brought up to proper grade a for development with topsoil stripped prior to placement of import material
- All import material is compacted, tested and confirmed suitable for residential construction
- Regional Stormwater solution is adequately sized to accommodate the needs of the development of this site
- Extension of Ramsey Parkway/147th Ave NW to be completed by the City
- Any proposed upgrades to Zeolite Street NW will be completed by the City
- Any other Requirements that have not been shared with us at this point
- Approval of 103 homes as shown in Concept Plan

Buyer:
Centra Homes, LLC

By: 

David Pattberg, VP of Land

Date: 6/26/2023

Seller:
City of Ramsey

By: _____

Date:

NEIGHBORHOOD NARRATIVE

Concept Plan:

The Parcel of land under consideration is the approximately 23 acres at the southeast corner of Bunker Lake Blvd and Armstrong Blvd. The land has a significant wetland complex that extends from north to south and makes a natural division of the land.

Our intent is to preserve as much of the wetland complex as possible because feedback from the Consultants suggests that the regulators will not approve a significant wetland impact for additional homes.

We have planned for approximately 16.3 Acres east of this wetland complex to be a Residential Neighborhood. We have also reserved about 3 net acres to the west of these wetlands for a potential Future Commercial Use as shown in Concept #1.

Future Commercial Use:

We have located a Future Commercial Use at the intersection of 147th Ave NW and Armstrong Blvd. We have reserved over 3 net acres (net of Wetlands) for this potential use. We have talked with many potential users about this land ranging from convenience stores to daycares and schools. At this point we do not have an end user for this site. We propose that the City retain this portion and continue to market the available land for future commercial uses. Centra will also continue to discuss the potential of this site to our market contacts.

If we are able to find a user for this site, we will bring a proposal back to the City for review and offer to purchase. The commercial corner as proposed in Concept #1 is simply a space planning idea and does not have a specific user in place. The potential user and City Staff will provide specific details at the time that a user is ready to move forward. And if this site does not have a user in the next 2-3 years, we will bring forward a proposal to develop the site similar to Concept #2 to build additional residential homes that will match the neighborhood that would be built.

Residential Use:

The 16.3 Acres east of the Wetland Complex has been planned for detached residential uses. We are proposing 103 homes with a mix of trails, open space and alley's.

After reviewing The COR Design Framework, we are planning on a neighborhood that have the following features:

- Homes with Large Front Porches oriented toward the public streets
- Variety of Exterior Color option with specific planning to not allow the same color and elevation of homes next to or across the street from each other to avoid monotony
- A net density is slightly more than 7 units to the acre
- Main entrance of the homes fronting the main roads, with private roads for homeowners to access their garages.
- Sidewalk and trails that meander through the neighborhood allowing quick and easy pedestrian access to the shopping to the south and the future City Park to the east
- 20' wide homes with 5' side yard setbacks (thus a 30' wide lot and 10' between the homes)
- Garages in the rear, not seen from the perimeter roads and trails
- Exterior finishes of the buildings that includes a variety of vinyl siding styles, stone accents and variety of roof lines (see attached plan details)
- Architectural Asphalt Shingle
- Landscaping to include one front yard tree (front door side of the building) and one ornamental tree (garage side of the building) per lot and fully irrigated and sodded yard with additional landscaping in the open space along the trails and roads.
- Enhanced Side Elevation Architecture including additional windows and a variety of siding finishes (depending on House Plan) on homes that the side elevation faces a public road. Based on the current concept we identified three (3) that will include these additional Architectural features.

We have designed the neighborhood and homes to have front porches oriented toward all of the public roads (e.g. Bunker Lake, Zeolite and future Ramsey Parkway). The front porch focused design creates an inviting and desirable view of the neighborhood.

Homeowners Association:

A homeowner's association will be created to maintain the integrity and vision of the neighborhood. A professional management company will be hired to ensure the success of the association by understanding the specific needs of the community and handle the transition of the neighborhood from builder control to homeowner control. The Association will include the following items:

- Irrigation and Lawn Maintenance
- Snow Removal from Driveways and the Private Streets
- Architectural Control of the Homes
- Professional Management

These homes proposed will be very similar to the neighborhood 'Cottages at the COR' located at the corner of Bunker Lake Blvd and Ramsey Blvd. The Cottages at the COR neighborhood is

completely built out. We have included a photo of a row of completed homes from the neighborhood for reference.

Development Timeline:

We would move as quickly as possible through the needed approvals and develop the property as soon as all approvals are in place. It is likely that Phase 1 would not be able to develop until 2024. Then we would expect to develop Phase 2 and Phase 3 in 2025 and 2026, respectively.

Phasing:

Multiple factors can affect the desired size and timing of the development and home building phases. We are planning on building the neighborhood in 3 Phases. Included with this narrative is a proposed development phasing plan.

Right of Re-Entry:

We understand the desire that the City would like to see this neighborhood built and built in a timely manner. To help meet this desire, a Right of Re-Entry has been negotiated on previous development opportunities with the City. In discussion with Staff, the idea of requiring 10 homes per year for four years to be built in this new neighborhood to be included in a Right of Re-Entry. In principle we are willing to agree to a Re-Entry Agreement and to the proposed building timeline. We look forward to discussing the details.

As you know the Housing Market is going through some tremendous changes as Interest Rates continue to increase. We expect our homes to be priced in the Mid to Upper \$ 300,000 and depending on the options that a Buyer might select some homes could sell for over \$ 400,000.

We encourage feedback and input as we put the finishing touches on this neighborhood plan.

Thank you,



David Pattberg
Vice President of Land
Centra Homes, LLC

Ramsey Cor Project

Armstrong and Bunker Lake Boulevards

Ramsey, Minnesota

Concept #1

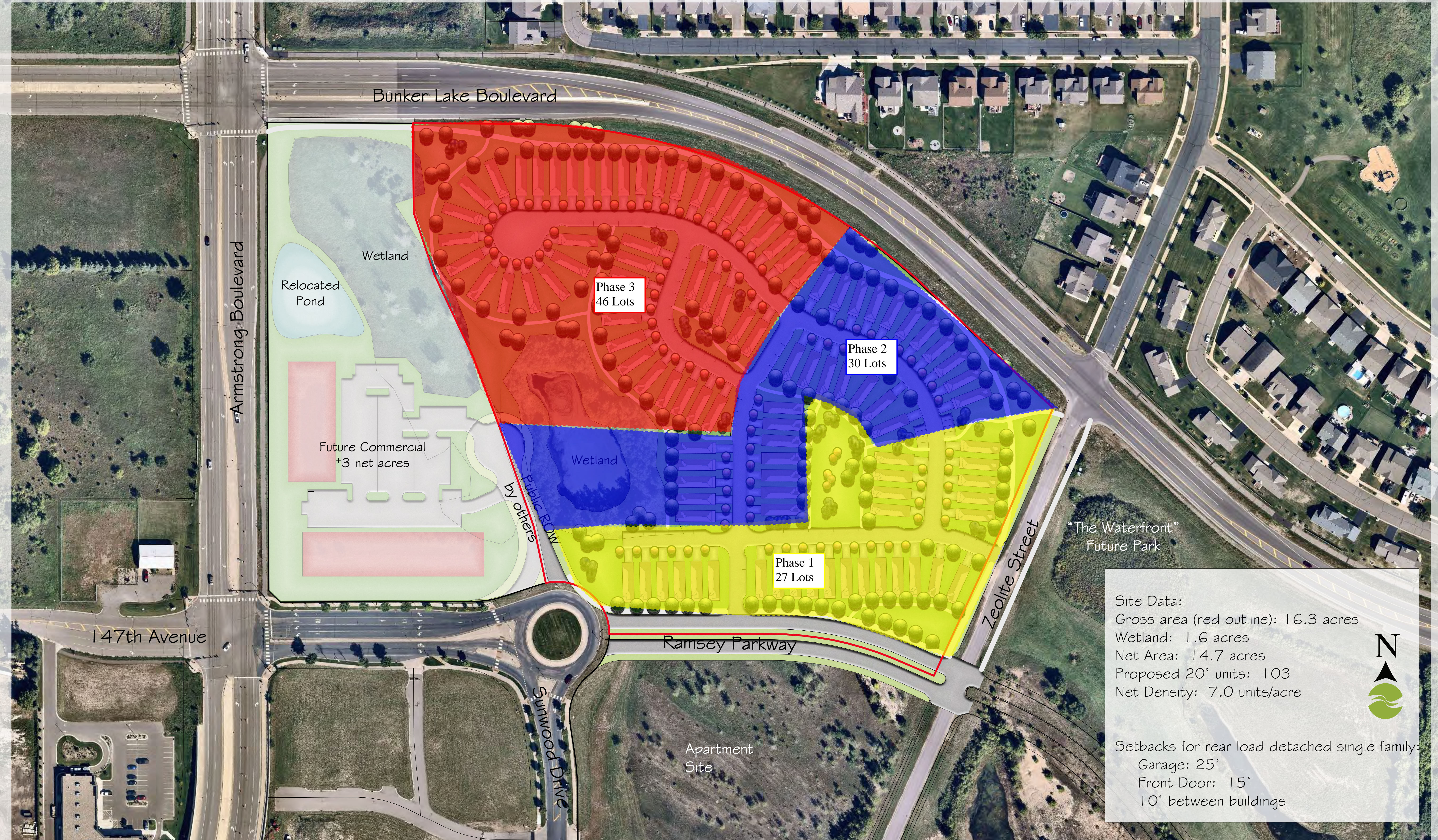


Site Data:
Gross area (red outline): 16.3 acres
Wetland: 1.6 acres
Net Area: 14.7 acres
Proposed 20' units: 103
Net Density: 7.0 units/acre

Setbacks for rear load detached single family:
Garage: 25'
Front Door: 15'
10' between buildings


Ramsey Cor Project

Armstrong and Bunker Lake Boulevards
Ramsey, Minnesota



Site Data:
Gross area (red outline): 16.3 acres
Wetland: 1.6 acres
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Proposed 20' units: 103
Net Density: 7.0 units/acre

Setbacks for rear load detached single family:
Garage: 25'
Front Door: 15'
10' between buildings



Single Family Home

The ALPINE

3 Beds • 2.5 Baths • 2 Garage Bays • 1,751 fsf



Elevation A - Craftsman



Elevation B - Colonial

FEATURES:
Open Floor Plan
Covered Porch
Patio
Mud Room
Kitchen with Oversized Island
Walk-In Pantry
Spacious Great Room
Three Bedrooms Up
Convenient Upper-Level Laundry
Master Suite with Large Bath and Walk-In Closet

AVAILABLE OPTIONS INCLUDE:
Extended Garage
Mud Room Bench & Cubbies or Desk
Gas Fireplace with Built-In Cabinets
Tray Vault in Master Bedroom
Barn Door at Master Bath
Deluxe Shower Master Bath
Laundry Tub and Cabinets
Sidelight

Ask your Sales Consultant to see more exterior color options!

CENTRA HOMES LLC

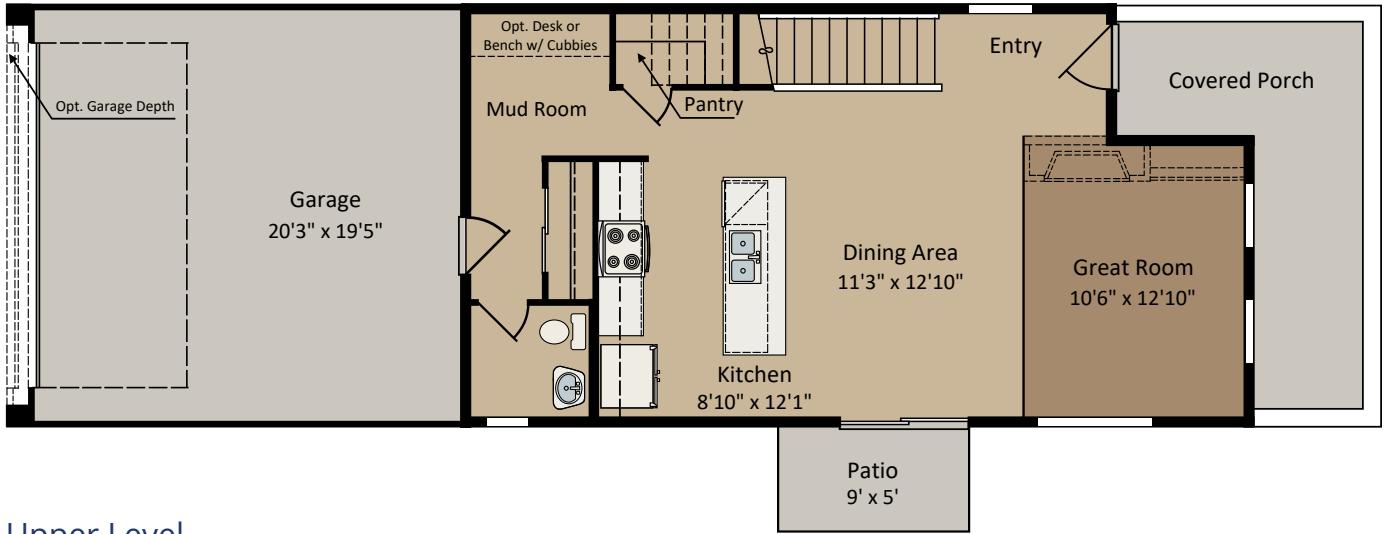
CentraHomes.com

Single Family Home

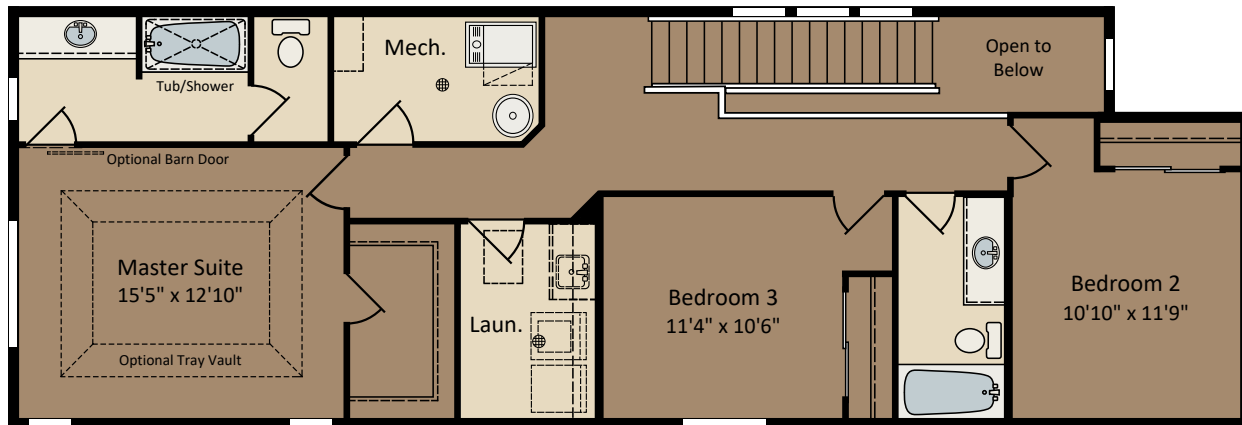
The ALPINE

3 Beds • 2.5 Baths • 2 Garage Bays • 1,751 fsf

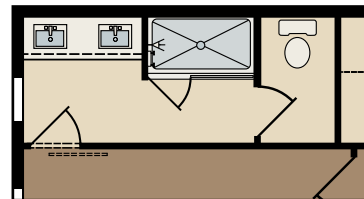
Main Level



Upper Level



Optional Deluxe Shower
Optional Double Bowl Vanity



Single Family Home

The ELMCREST

3 Beds • 2.5 Baths • 2 Garage Bays • 1,742 fsf



Elevation A - Craftsman



Elevation B - Cottage

FEATURES:

- Open Floor Plan
- Covered Porch
- Patio
- Mud Room
- Kitchen with Oversized Island
- Walk-In Pantry
- Spacious Great Room
- Three Bedrooms Up
- Convenient Upper-Level Laundry
- Master Suite with Large Bath and Walk-In Closet

AVAILABLE OPTIONS INCLUDE:

- Mud Room Bench & Cubbies or Desk
- Gas Fireplace with Built-in Cabinets
- Tray Vault in Master Bedroom
- Barn Door at Master Bath
- Deluxe Shower Master Bath
- Sidelight

Ask your Sales Consultant to see more exterior color options!

CENTRA HOMES LLC

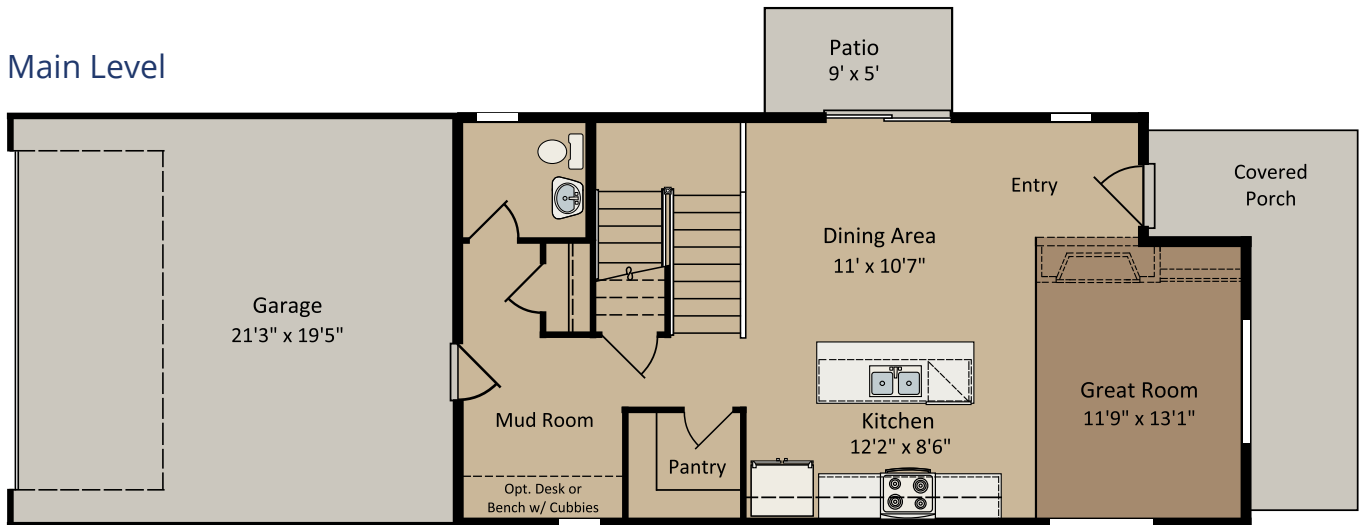
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Single Family Home

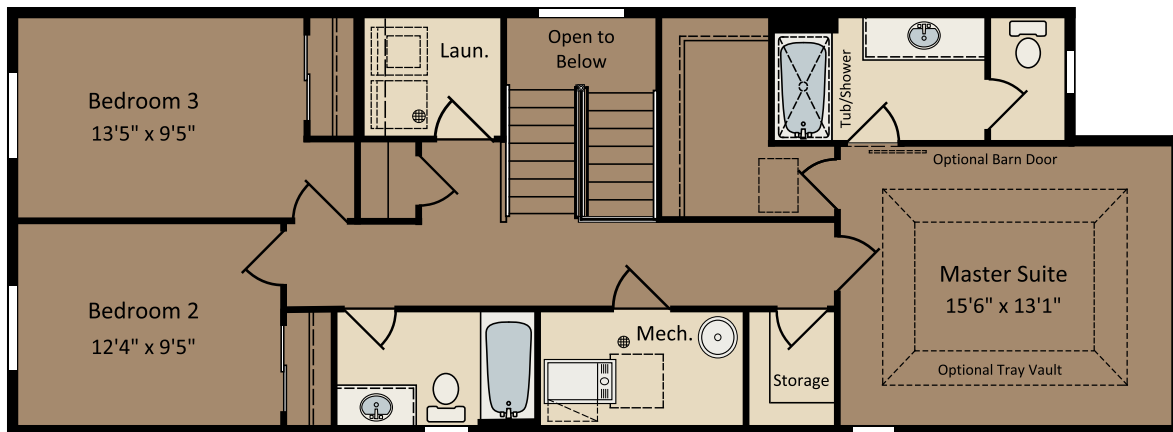
The ELMCREST

3 Beds • 2.5 Baths • 2 Garage Bays • 1,742 fsf

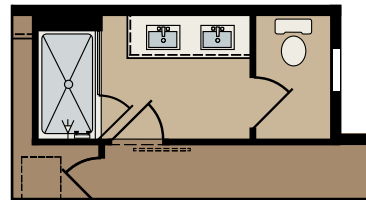
Main Level



Upper Level



Optional Deluxe Shower
Optional Double Bowl Vanity



CENTRA HOMES LLC

CentraHomes.com



Seller reserves the right to make changes or modifications to plans, maps, specifications, materials, features and colors without notice. Prices are subject to changes without notice. Maps, plans and landscaping and elevation renderings are artist's concepts, are not to scale and may not accurately depict the homes or home sites as they are built. These illustrations may depict options and features that are not standard on all homes. Optional features may be included at additional cost and are subject to construction schedule deadlines. All references to square footage are approximate and may vary with elevations. Dimensions and square footage calculations are made using architectural measurements. Home site fencing and walls may not be included in the purchase, and if included, will vary according to the size and location of the home site. Exterior treatments, window locations and room configurations may vary with elevation. Model interior decorating, landscaping, fencing and other amenities are for display purposes only. Please ask Sales Counselor for complete details. Copyright 2021. Centra Homes, LLC. MN Builder License #BC638832. Effective 5/15/21. Equal Housing Opportunity.

Single Family Home

The TERRACE

3 – 4 Beds • 2.5 Baths • 2 Garage Bays • 1,875 fsf



Elevation A - Cottage



Elevation B - Colonial

FEATURES:

- Open Floor Plan
- Covered Porch
- Patio
- Mud Room
- Kitchen with Oversized Island
- Walk-In Pantry
- Spacious Great Room
- Three Bedrooms Up + Loft
- Convenient Upper-Level Laundry
- Master Suite with Large Bath and Walk-In Closet

AVAILABLE OPTIONS INCLUDE:

- Extended Garage
- Mud Room Bench & Cubbies or Desk
- Gas Fireplace with Built-in Cabinets
- Tray Vault in Master Bedroom
- Barn Door at Master Bath
- Deluxe Shower Master Bath
- Fourth Bedroom
- Sidelight

Ask your Sales Consultant to see more exterior color options!

CENTRA HOMES LLC

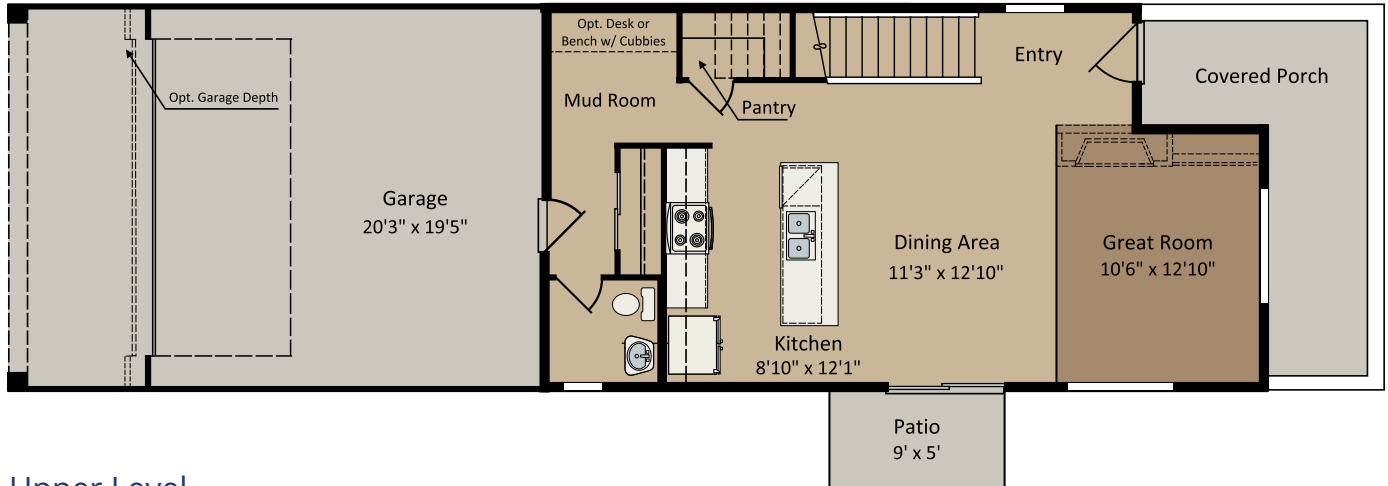
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Single Family Home

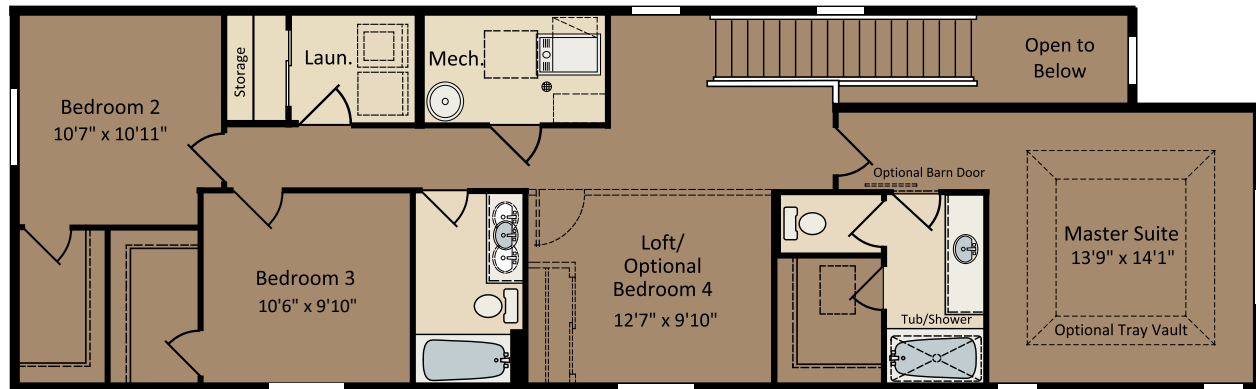
The TERRACE

3 – 4 Beds • 2.5 Baths • 2 Garage Bays • 1,875 fsf

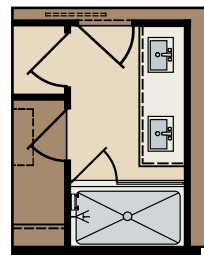
Main Level



Upper Level



Optional Deluxe Shower
Optional Double Bowl Vanity



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Centra - Preliminary Terms of Purchase Agreement and Development Agreement 7.7.23 (FOR DISCUSSION PURPOSES ONLY)

Developer	Centra Homes
Commercial Pad	Yes, 6.32 acres, 3 Acre site
Acres Purchased	16.3
TIF Base Value Estimate	1894644
Captured Value Estimate	30498856
Units removed from TIF Calculation	6
TIF Generating Units	97
Years of Increment (Buildout done 2026 - Pay 2027)	14
Net Area (Acres)	14.7
Unit Density/Acre	7.01
Offer	640000
\$ / SF	0.90
Earnest Money	\$25,000 Non refundable after Notice to Proceed is issued
Inspection Period	180 days from execution of PA (6 months typical)
Closing	15 days after Final Plat Approval (City Typically requires 1 month after Inspection Period Ends / Paid Extensions)
Right of Re-Entry	Required, Cottages at COR Development (8 units per year, 40 total units required)
Project Phasing	3 phases. Phase 1 - 27 lots (2024), Phase 2 - 30 lots (2025) , Phase 3 - 46 lots (2026)
Contribution to W Ramsey Parkway	\$256,600 or 20% of actual cost to construct
Site Preparation	City to remove trees, import, place and compact fill to work with Future Zeolite St Construction
Filling of Wetlands	City to fill incidental wetlands onsite identified on Bolton and Menk wetland report.
Wetland Solution	Wetland 1 and 2 are not proposed to be filled by developer.
Zoning	Currently Zoned COR 2B, Rezoning required to be changed to COR 4A or 4B
Unit Type	detached Townhomes, Owner Occupied (NOT RENTAL) \$350K-\$400K
Unit Square Footage	1742 - 1875
Bedrooms Per Unit	3 to 4
Units along Bunker Lake Blvd, Zeolite, W Ramsey Pkwy	Enhanced Architecture, Yes. Will work on the exposed sides to add architecture
Unit Compliant with COR Framework	YES
Amenities	Open space Area, trail / sidewalk, Willing to add amenities that the City wants
Trail Location	Along Bunker Lake Blvd and W Ramsey Parkway and internal
Number of Units	103
Sales Price (Ave)	370000
Tax Assessed Value / Unit (Ave) 85% of Sales Price	314500
Tax Assessed Valuation (Total Buildout)	32393500
Tax / Unit (Pay 2023 Rates)	3175
Total Tax Buildout Complete (Annual)	327025
Local Tax/Unit (Pay 2023 Rates)	2509
Total Local Tax - Buildout Complete (Annual)	258427
Annual TIF (Estimated upon full buildout (Pay 2027-2040)	243312
Total TIF Estimate (14 years of Increment)	3406368
City Tax / Unit (Pay 2023 Rates)	1004
Total City Tax - Buildout Complete (Annual)	103371
Park Dedication (2023 rates)	463500
Trail Development (2023 Rates)	154500
Water Trunk (2023 Rates)	206927
Sewer Trunk (2023 Rates)	138947
Stormwater Mgmt (2023 Rates)	55002
Development Fee Total (less below)	1018876
Cost for Storm Water Pond in lieu of building	TBD
Street signs (Based on Development)	TBD
Sureties and Inspection Fees (based on project costs)	TBD
SAC (time of permit) 2023 rates Sub. To change	255955
WAC (time of permit) 2023 rates Sub. to change	152543

Items that need to be resolved

Stormwater along Bunker Lk Blvd (Engineering)	Will need to coordinate timing with Construction of Zeolite St
Removal of County Stormwater pond (Engineering)	Bolton and Menk Design
Filling of portion of Wetland 1 (Commercial Area)	WMO Approval Needed, City Responsibility
Zoning	Currently Zoned COR 2B, Rezoning required to COR 4A or COR 4B



Design Framework



AT RAMSEY

February 28, 2012

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Appendix A: Specifications and Details

Design Framework – The COR

Purpose

The primary purpose of Design Framework is to set basic parameters, describe preferences and illustrate design intent. These framework standards serve as a framework within which creative design can and should occur – there is no one solution, but many options that meet the basic requirements of this document.

Application

The format and content of this framework are specifically tailored for use as a supplement to the Zoning Ordinance. This document is organized into two sections. The first section outlines issues and recommendations that apply to the entire COR. The second section highlights specific framework that apply to each sub-district within The COR. The City of Ramsey has adopted Development Plan 5.03 as the Master Plan for The COR. This master plan provides illustrative guidance for building locations and orientation. Any changes to this approved master plan must be reviewed and approved by the City Council as part of the development application. This Development Plan will be updated by the City as changes are approved.

Implied Responsibility

All participants in the development of The COR recognize the local and regional impacts of this project and the various systems that play an important role. Each parcel and each building must fit within the context of the entire plan. Individual projects must complement, not compete with, adjacent development in terms of public green space, walk and trail connections, stormwater management solutions, street layout, parking strategies, land use mix and building design.

Part One: Overall Framework

There are a number of framework standards that apply to the entire COR, including recommendations for stormwater management, parks, streets, land use, parking, transit and other development components. Many of these overall COR framework standards overlap, or are integrated with one another. For ease of discussion they are categorized according to the same list of 'layers' that formed the basic structure for the Master Framework:

- Context – local, city, regional
- Street Hierarchy--access, circulation, arrangement
- Streetscape—preferred design, location
- Parking -- quantity, location, type
- Building Design-- preferred uses, horizontal/vertical mixed use, built form, character of development
- Signage—design, location, quantity, type
- Stormwater Management-- surface water features, stormwater management
- Parks/Public Spaces – parks, trails and open space

It is essential that proposed design solutions for development projects and other improvements within The COR demonstrate an understanding of the interplay between these layers.

Overall Framework - Context

Overview

The COR is a unique area within the City; but it is a part of, and connected with, a variety of local, city-wide and regional systems (See Figure 1: Development Master Plan 5.03). Each development project, whether a single building, one lot, or a series of blocks, must provide reasonable links to these systems as a primary design objective.

Guideline Recommendations

To ensure that The COR takes full advantage of local and regional systems, development should:

- Provide safe, easily recognized connections to city, county and state trail corridors
- Make provisions for city and regional transit service and amenities (including the Northstar Line) and encourage their use
- Tie into, and improve, the Ramsey utility network
- Integrate with and complement the existing (and future) street framework
- Become an integral part of the city and county drainage/stormwater management plan

Objectives

- Overall COR design (and all new private development within The COR) will accommodate stormwater from new projects and from off-site, and highlight stormwater features as an amenity
- Bikeways and pedestrian routes into The COR from adjacent neighborhoods must be designed for safety and ease of access, suggesting that a person on a bicycle has an equally accessible route to downtown.
- Parks and open space will be easily accessible to all COR residents, visitors, people who work here and also for the citizens of Ramsey and the surrounding area. This connected green system is reminiscent of the world renowned 'Grand Rounds' of Minneapolis.

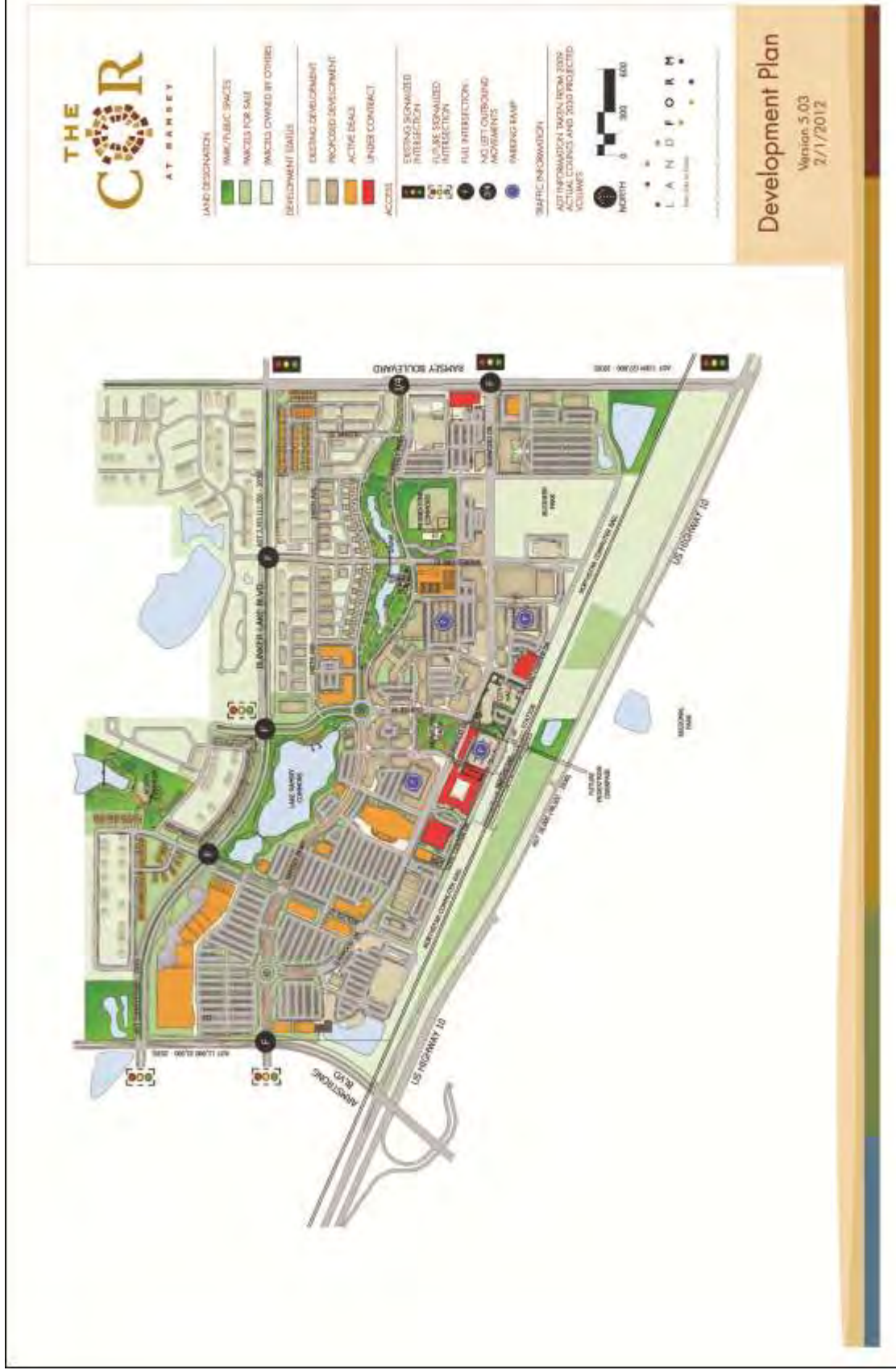


Figure 1: Development Master Plan 5.03

Overall Framework – Street Hierarchy

Overview

The Development Master Plan defines a specific strategy for the layout of streets and blocks within, and around The COR. The size, type and configuration of this street hierarchy (See Figure 2: Street Hierarchy) is based on a combination of projected traffic volume, level of service at intersections, proposed adjacent land use (destination commercial, residential, civic, recreation, etc.) and desired aesthetic character.

Great streets are essential components of an attractive and inviting public realm. These guidelines promote a street system that balances pedestrian and vehicular use. Providing streets that support traffic flow is important, but also creating ample space for street-side activities, strolling promenades, pockets of green and other amenities is critical to the success of The COR. Streets will promote convenient access by car – to storefronts, to parking lots and ramps, to entertainment attractions – but will also encourage foot traffic as a primary way to move about and conduct business in the core area.

Guideline Recommendations

The proposed street and block pattern reflects a compact urban character, not allowing dead end streets or cul-de-sacs, in favor of a traditional grid pattern and connected streets including the following:

- Provide a street network that distributes pedestrian and vehicular traffic throughout the various districts in The COR and encourages a more dispersed and less congested traffic flow (many choices or travel paths).
- Provide a clear hierarchy of streets resulting in a simple and understandable system for movement – easy access and convenient circulation throughout The COR.
- Work with Anoka County to convert primary perimeter streets (arterials such as Ramsey, Armstrong and Bunker Lake Boulevards) to urban street sections, providing sidewalks and street trees to replace roadside ditches.
- Promote improvements that invite pedestrian and bicycle use including wide sidewalks, streetscape amenities and designated bicycle trails (both on and off-street).



Objectives

Creative design solutions for public realm improvements should reflect these basic street classifications (street hierarchy) including:

- Arterial street – these streets provide the boundary of The COR and all access into The COR will be from one of these three streets:
 - Bunker Lake Boulevard
 - Armstrong Boulevard
 - Ramsey Boulevard
- Destination street – signature addresses for shopping, entertainment, services, work place and other primary amenities
 - Sunwood Drive



- Parkway – premier ‘green streets’ adjacent to primary public park / green space, with more landscaping than other streets in The COR
 - Ramsey Parkway
 - Center Street (north of the roundabout)
- Connector street – primary routes that link various districts within The COR, usually providing the most direct means of getting from point A to point B
 - Rhinestone Street
 - Zeolite Street
 - Veterans Drive
- Downtown street – the most urban of street sections where high pedestrian traffic is intended and traffic calming measures such as on street parking, bump outs and other methods will be employed
 - Center Street (south of the roundabout)
 - Sapphire Street (north of Sunwood)
 - Other streets as shown on the Street Hierarchy Map
- Local street – neither destination nor primary connector routes, these streets provide much of the rest of the street grid throughout The COR.



These street hierarchy classifications are intended to provide guidance regarding the streetscape, but it should be noted that within a street classification, there may be construction or design distinctions, based on the sub-district classification. For example, Sunwood Drive is defined as a destination street throughout The COR, but the design may be different between the COR1 and COR2 sub-districts. The Master Streetscape Map will provide design direction.

Transit Overview

The COR is designed to be a Transit Oriented Development (TOD) in a variety of ways that go beyond providing a walkable public realm and connected street grid. The Master Plan also includes a multimodal transit station, with dedicated commuter parking, integrated with other uses at the heart of the retail, restaurant and entertainment district. This station functions as a hub where local circulator transit comes together with regional transit service and the Northstar Corridor. The COR is the Twin Cities' first and only transit-oriented development along the new Northstar Commuter Rail Line. Ramsey Station at The COR will open for riders boarding the train in November 2012. As Northstar's most visible station, The COR will immediately bolster the ridership on the line and continue to build recognition for this regional service.



Transit components include the following:

- Ramsey Star Express service provides peak period, peak direction bus service between downtown Minneapolis and Ramsey until the Northstar Commuter Rail station stop is complete
- Northstar Commuter Rail provides train service between Big Lake and downtown Minneapolis
- 350 park and ride parking spaces are provided for commuters adjacent to the transit station
- Pedestrian and bicycle connections are emphasized in the Master Plan as major links between the transit station, various districts within The COR and into the surrounding neighborhoods
- The COR can accommodate Metro Mobility, citywide circulator bus or town trolley connections as part of local and regional service to the transit station



The COR also encourages developers to participate in a Travel Demand Management (TDM) program to both assist and encourage residents and visitors to take advantage of the various modes available for their commuting and travel needs. The TDM program draws from incentives and services available through Anoka County and Metro Commuter Services that match riders with carpools and vanpools, provide discounted transit passes and manage work hours among other functions.

- Developers shall submit a TDM plan with their site plan application for new development and work with the City to implement their plans.

Transit Guideline Recommendations

Transit is an important component of the overall plan, with expectations for more ridership, using a greater range of transit options as they become available. More people, together with the mix of activities and amenities in The COR, encourages better designed, better connected transit service. It is a shared responsibility between city, county and developer to promote transit use, with both policy and bricks-and-mortar attention to the following framework:

- Understand and take advantage of opportunities to use existing and proposed transit components

- Provide transit related facilities specifically linked to uses and character within each COR district, including signage and lighting for way-finding and bicycle amenities
- Building future Northstar Commuter Rail riders through the Ramsey Star Express bus service

Transit Objectives

The primary objective is to provide a balance of transit service, bicycle and pedestrian connections and lanes to move traffic. The framework for The COR promotes public transportation as part of the solution and suggests a variety of street improvements and other amenities to invite increased use. Photographs throughout the framework suggest some of the many possibilities.

Overall Framework - Streetscape

Overview

The Master Plan defines a specific strategy for the layout of streets and blocks within and around The COR. The amenities within the public right-of-way -and immediately adjacent -play an important role in the aesthetics of The COR. Great streets are essential components of an attractive and inviting public realm. Developing a streetscape that is comfortable and inviting to pedestrians is important to realizing the vision for The COR. The framework will encourage interesting and inviting places for the public.

The Streetscape framework defines the visual character and physical improvements for all public spaces within The COR. The document also provides the general framework and examples for design of proposed quasi-public and private space located within each development parcel.

Public realm/streetscape framework focus on the following elements:

- Parks, plazas and other public gathering spaces
- Street/sidewalk character and streetscape elements
- Bicycle/pedestrian connections (on-street and off-street)
- Residential courts, pocket parks and other private green space



The goal is to foster a safe and interesting public realm that will invite pedestrian activity, promote traffic calming, increase transit use and encourage community gathering. Street trees, lighting and decorative fencing provide the backbone for streetscape improvements. Added detail, such as special pavements, street furniture, public art and layered plantings will highlight specific nodes or uses. The City has developed a series of street cross-sections to illustrate these design expectations. Typical street sections are provided in Appendix A as a reference.

Destination and Connector streets must balance a high level of service for the automobile with attractive and inviting amenities for the pedestrian including:

- Provide gracious sidewalk width to support intensity of pedestrian traffic in the core
- Install street trees to frame the street and provide shade
- Provide street lighting that meets all safety standards and design criteria, while creating a signature character for this district
- Explore a range of options for streetscape improvements including special pavements, interesting concrete tinting or scoring patterns, additional plantings, ornamental fencing and other features (note, however, that simpler is better and too much clutter is a negative)



The COR includes a network of bicycle/pedestrian trails and walkways (both on and off-street) that connect adjacent sub-districts to the Mixed Use Core. As you approach the core, these connections tend to become part of the shared right of way along the major streets, or become part of the urban park spaces. Bicycle riders may choose to share the street with vehicular traffic, or dismount and walk their bicycles along with the other pedestrians using the sidewalks. Providing and maintaining these bicycle and pedestrian connections should be a key component for all development projects in the core.

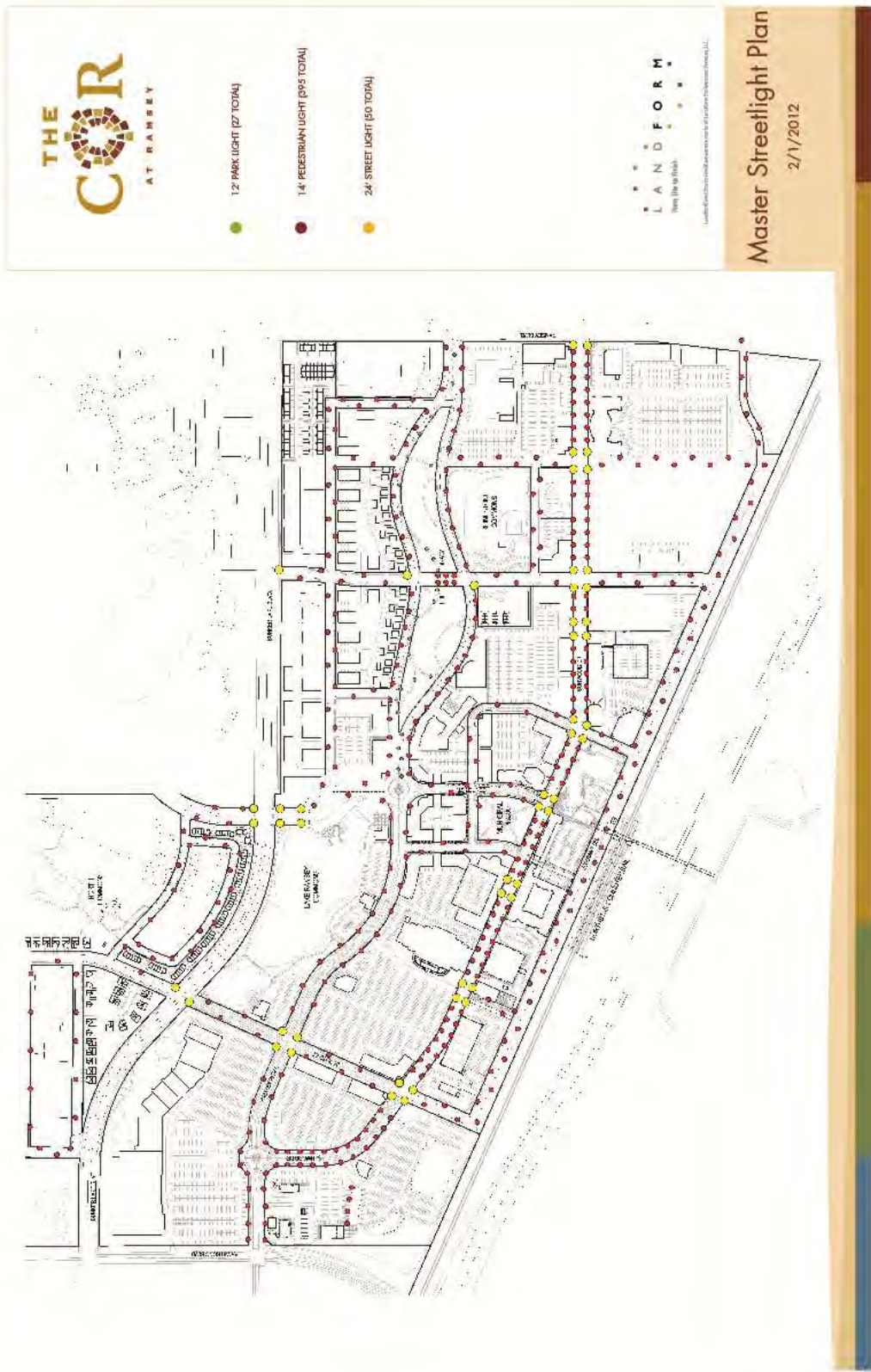


Figure 3: Master Lighting Plan

Guideline Recommendations

The proposed street and block pattern reflects a compact urban character, including the following:

- Bike racks interspersed throughout The COR to encourage cycling as an alternative mode of transportation.
- Benches on the public sidewalks to encourage people to linger in The COR
- Trees and planters along the streets to create an inviting space
- Wide sidewalks and both on- and off-street bicycle trails
- Kiosks and other way finding tools for visitors and residents in The COR
- Outdoor dining is encouraged on the street side of buildings within all districts.
- Public plaza space is strongly encouraged to be located adjacent to the streets



Objectives

Creative design solutions for streetscape improvements should include:

- Streetscape improvements that provide traffic calming, particularly along Destination and Downtown streets
- Inviting streets that draw you into and through The COR
- A marriage of building design and streetscape design that encourages active spaces near the streets



Street Trees and Plantings

Street trees and planter boxes are a critical element in the unique character of The COR and will be used to help distinguish between different street types and sub-districts within The COR. However, there may be variety within the same street when the street crosses into sub-districts.

- Street trees will be chosen to ensure that the species allow for clear pedestrian access along the streets and require minimal maintenance.
- Along Destination, Downtown, Parkway and Local streets, where regularly spaced blocks exist, one (1) tree species shall be provided per block. In order to provide variety and protect against disease, adjacent blocks shall not be allowed the same street tree. Initial development along a block shall establish the tree species for that block, subject to City review and approval.
- Along streets without regular block space or longer blocks, such as Connector and Arterial streets, the City may approve groupings of 3-6 trees of one (1) species in lieu of the regular block spacing.
- Alternatives to the above mentioned planting plan shall be subject to review and approval by the City Council.

Destination Street Trees:

- Autumn Blaze Maple (*Acer x freemanii* 'Jeffersed')
- Bicolor Oak (*Quercus bicolor*)
- Sienna Glenn Maple (*Acer x freemanii* 'Sienna')
- Skyline Honeylocust (*Gleditsia triacanthos var. inermis* 'Skyline')
- Ginkgo (*Ginkgo biloba*)
- Accolade Elm (*Ulmus x 'Accolade'*)

Parkway Street Trees:

- Valley Forge Elm (*Ulmus americana* 'Valley Forge')
- Bitternut Hickory (*Carya cordiformis*)
- Siouxlant Poplar (*Populus deltoides* 'Siouxlant')
- Sienna Glen Maple (*Acer x freemanii* 'Sienna')
- Boulevard Linden (*Tilia americana* 'Boulevard')
- Northern Catalpa (*Catalpa speciosa*)
- Spring Snow Crabapple (*Malus* 'Spring Snow')
- Kelsey Crabapple (*Malus* 'Kelsey')
- Korean Mountain Ash (*Sorbus alnifolia*)
- Ohio Buckeye (*Aesculus glabra*)
- Ginkgo (*Ginkgo biloba*)

Connector Street Trees:

- Bicolor Oak (*Quercus bicolor*)
- Northern Red Oak (*Quercus rubra*)
- Princeton Elm (*Ulmus americana* 'Princeton')
- Accolade Elm (*Ulmus x 'Accolade'*)
- Autumn Blaze Maple (*Acer x freemanii* 'Jeffersed')
- Skyline Honeylocust (*Gleditsia triacanthos* var. *inermis* 'Skyline')
- Kentucky Coffeytree (male) (*Gymnocladus dioicus*)
- River Birch (single stem) (*Betula nigra*)
- Black Alder (*Alnus glutinosa*)
- Black Cherry (*Prunus serotina*)
- Spring Snow Crabapple (*Malus* 'Spring Snow')
- Kelsey Crabapple (*Malus* 'Kelsey')
- Japanese Tree Lilac (*Syringa reticulate*)
- Thornless Cockspur Hawthorne (*Crataegus crus-galli* var. *inermis*)

Downtown Street Trees:

- Princeton Elm (*Ulmus americana* 'Princeton')
- Accolade Elm (*Ulmus x 'Accolade'*)
- Autumn Blaze Maple (*Acer x freemanii* 'Jeffersed')
- Skyline Honeylocust (*Gleditsia triacanthos* var. *inermis* 'Skyline')
- Kentucky Coffeytree (male) (*Gymnocladus dioicus*)
- River Birch (single stem) (*Betula nigra*)
- Black Alder (*Alnus glutinosa*)
- Black Cherry (*Prunus serotina*)
- Spring Snow Crabapple (*Malus* 'Spring Snow')
- Kelsey Crabapple (*Malus* 'Kelsey')
- Japanese Tree Lilac (*Syringa reticulate*)
- Thornless Cockspur Hawthorne (*Crataegus crus-galli* var. *inermis*)

Local and Arterial Street Trees:

Local and Arterial Street trees may be chosen from any species on the above lists.

Planter Beds/Boxes/Tree Grates

- Planter beds, tree grates and planters shall be as shown on the Streetscape Master Plan. Details and specification shall be added to Appendix A as developed and approved by the City. Appendix A shall be amended as needed.
- Irrigation shall be provided to ensure survival of plant materials. The City shall provide irrigation systems along the Parkway and Destination streets. Unless otherwise approved, all other irrigation shall be the responsibility of the landowner.

Street Furniture

Bike racks, trash enclosures and benches are encouraged on all streets, but will be required on Destination, Connector and Parkways and other streets as shown conceptually on the Streetscape Master Plan.

Bike racks shall be the standard bike rack (see Appendix A for specifications).

Trash enclosures shall be the standard trash enclosures (see Appendix A for specifications).

Benches shall be the standard bench (See Appendix A for specifications).

Benches shall be grouped in twos that face each other and provide an opportunity for an outdoor conversation space.

Alternative bike rack, trash enclosures and bench designs will be considered on a case-by-case basis. The City will review alternative designs as part of the site plan review and will evaluate these alternatives based on the following:

- Does the design maintain the character of the district?
- Does the alternative design maintain the quality of the standard feature?
- Does the design provide a relationship between the public elements of the streetscape and the building that would not otherwise be possible?



Sidewalks and Boulevard

In the design framework, the term “boulevard” is defined as “the space between the sidewalk and the curb.” The boulevard area provides the required space for public features such as street lights, benches, fire hydrants, street signs, etc. The boulevard will have different characteristics based on the street hierarchy.

The street width and layout within different zones may affect the ability of a particular development to provide the minimum boulevard width and the minimum sidewalk width within the existing public right-of-way. In those cases, the landowner shall provide a permanent public easement over the portion of the sidewalk that is located on private property.

Street Lights

Street lights are owned and installed by Connexus Energy. The streetlight design was developed in conjunction with the City of Ramsey and Connexus (See Figure 3: Master Lighting Plan). The standard street lights are designed to accommodate banner arms should banner signage be desired. The banner arms should be the manufacturer's standard break-away banner arms to ensure safety and minimize maintenance costs. Connexus provides street light maintenance for the City. Connexus bills the City of Ramsey for the cost of installation and maintenance.

The choice of street light was intended to emphasize the pedestrian scale of The COR. Light poles within the public right-of-way should be planned to accommodate banners, flowers, hanging artwork and electrical outlets.

There are three (3) different streetlight types within The COR:

- 24-foot high poles at intersections
- 14-foot high poles at mid-block
- 12-foot high poles at The Draw



The City will ensure that the appropriate streetlights are installed on all public streets as described by the Design Framework. Private developers shall provide parking lot or other project lighting that retains these design

objectives. All lighting shall comply with City Code performance standards for lighting. All lighting shall be reviewed by City staff to ensure compliance with the Design Framework and City Code standards described above.

Standards for Outdoor Dining.

Outdoor dining is encouraged as an attractive addition to a pedestrian- and retail-friendly, vital COR. Such dining is encouraged subject to the standards in Section 117-118 of the Zoning Ordinance.

Overall Framework - Parking

Overview

Balancing the realities of car-related necessities (streets, parking and so on) with future transit service and the desired character of The COR is a significant challenge. The goal is to provide adequate parking; both quantity and location, while promoting new strategies that support the overall needs of The COR. Parking will be provided through a combination of on street spaces, off-street surface lots, underground lots and structured ramps to support the mix of uses at the core.

Parking structures should contribute to the overall character and image of The COR. Ramp design should include elements, colors and materials that reflect, or complement surrounding buildings. Liner stores or other street level uses should be integrated into ramp design along important street frontages. The City also encourages developers to wrap the ramp with multi-story uses that will provide commercial and residential opportunities and help to define the street edge.

Guideline Recommendations

Parking guidelines encourage the following:

- Locate surface parking lots away from the major streets, either behind or to the side of primary buildings; surface parking lots along major street frontage are not allowed in the core area
- Minimize surface parking lots in favor of other solutions including underground parking to serve residential buildings, on-street parking to serve retail shops and parking ramps
- Provide a combination of fencing, landscaping and landform to screen parking areas from major streets and important views, soften parking area edges, provide shade, integrate native plantings, offset islands and reduce to 'sea of parking' image
- Create strategies for shared parking between adjacent uses, taking advantage of peak and off-peak cycles, business hours, nighttime activities, special events and other needs
- Provide alternative surfaces for secondary (less frequently used) parking areas including porous pavements, green pavements and so on
- Provide facilities or services that respond to and connect with future transit to reduce required parking, including shuttle/circulator bus, bicycle lockers
- Provide flexibility including hours for on-street parking, security and enforcement practices, permit or metering
- Provide parallel parking on both public and private streets throughout The COR, to add parking and create a traffic calming, pedestrian buffer; Bumpouts are encouraged as a traffic calming measure on all streets within the COR.
- Explore options to integrate stormwater management requirements into parking area design
- Provide parking spaces for typical daily use, satisfying both quantity and location needs through a mix of on street, small surface lot, underground and ramped parking solutions
- Provide options for additional/overflow parking to support holiday traffic and special events including porous pavements, turf parking areas (Netlon and other soil amendments) or shuttle service from nearby parking areas
- Encourage shared parking solutions that target around the clock shifts in destination, audience or take advantage of peak/off-peak hours of operation for various uses within the core area

- Promote municipal parking ramps as the primary facility to meet public parking needs within the core area
- Discourage driveway access to parking facilities along Arterial, Destination and Parkway streets, in favor of side streets.

Objectives

The primary objective is to provide a balance of surface lots, on-street and structured parking, with ample quantities and close proximity to serve the mix of uses in The COR. The Design Framework anticipates the construction of a total of 3 parking structures in COR1 to serve the needs of the area by providing structured parking that can be shared among users, allow developers to maximize the development on each individual lot.

As discussed later in this section, sizing and timing of the structured parking will be finalized as the area develops and parking demand grows. In addition to providing adequate space, excellent design is a major factor as well. The framework for The COR encourages creativity, innovation, quality and attention to detail in every aspect of project development, including parking solutions. Photographs throughout the Design Framework suggest some of the many possibilities.



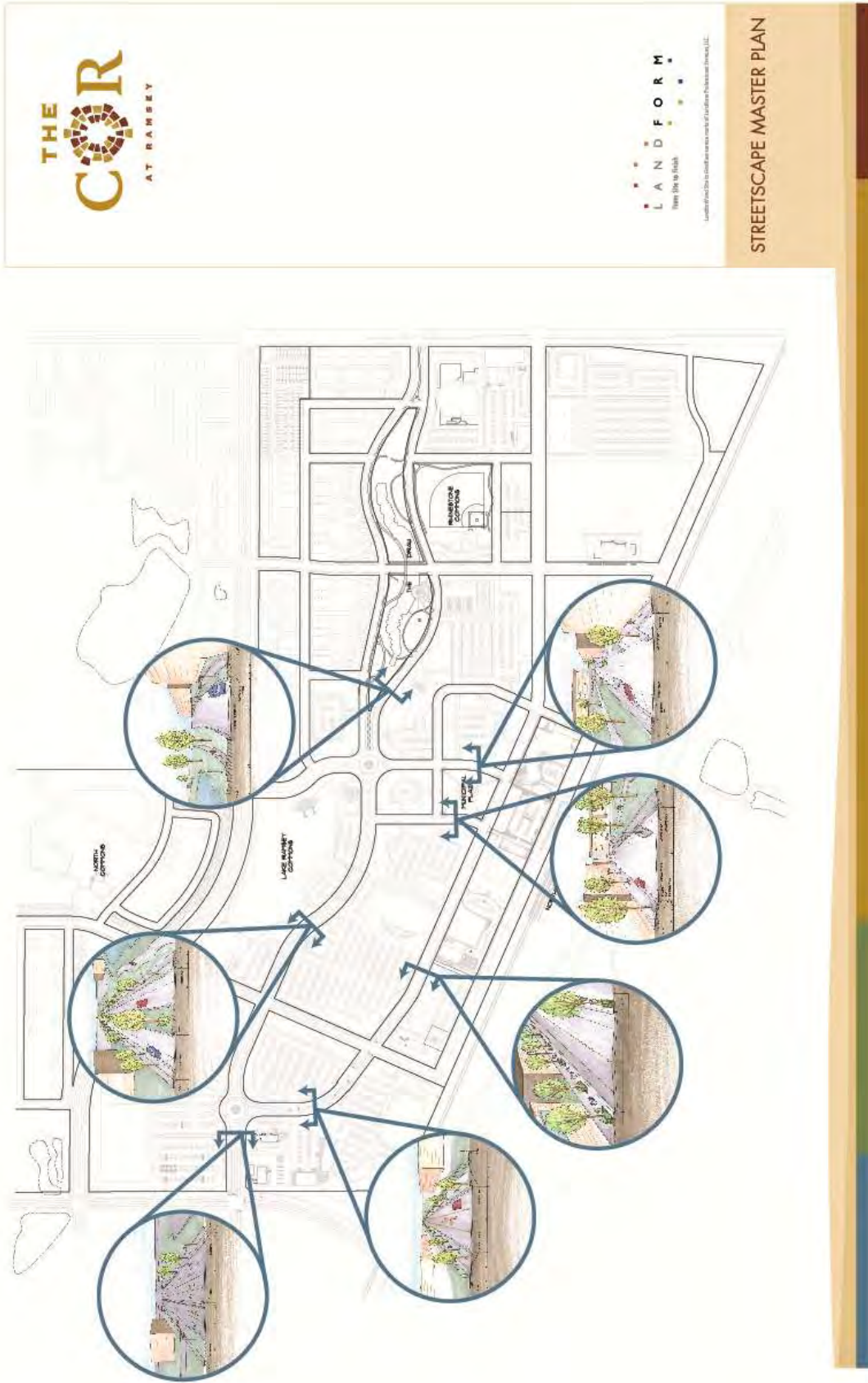
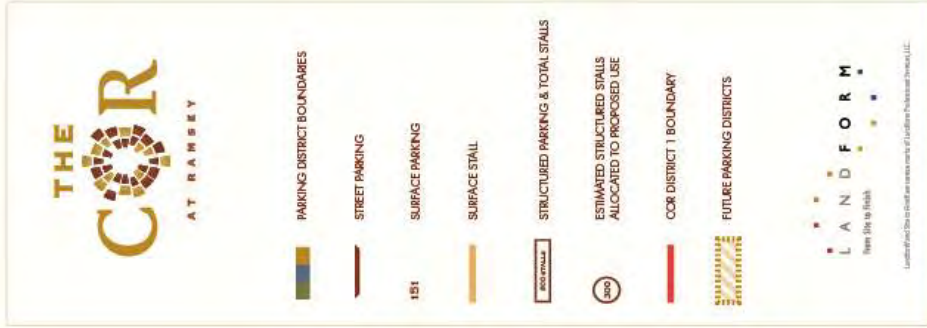


Figure 4: Streetscape Master Plan



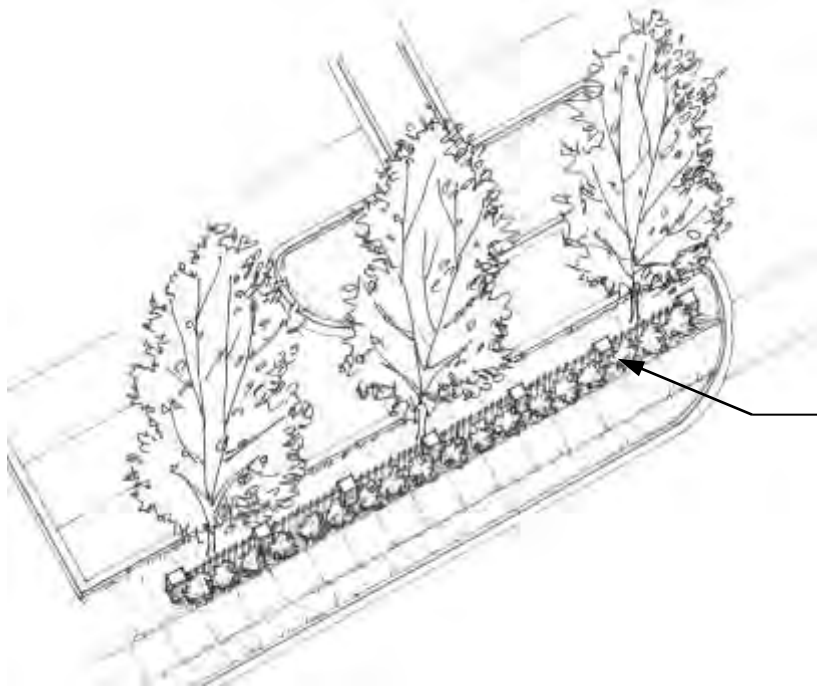
Parking Districts
 VERSION 5.03
 9/27/11

Figure 5: Parking District Map

Minimum Standards

Parking in The COR is intended to be shared to the greatest extent practicable in all mixed-use areas. The parking standards are intended to provide a practical basis for providing adequate parking within the COR District through a careful analysis of uses, shared parking arrangements, use of public street parking and reduction allowances for the proximity to the transit station. A parking plan has been prepared to identify the planned number, location, sharing arrangements and public use (see Figure 4: Streetscape Master Plan and Figure 5: Parking District Map). The parking plan provides information that can be used to help address longer term parking arrangements where the possibility of use conversion or building expansion exists. Parking shall be provided under any of the following arrangements:

- A. No parking shall be located between the front of the principal structure and the street on parcels abutting Destination and Downtown streets in COR1.
- B. Not more than fifty (50%) percent of the parking shall be located in front of the principal structure and the street on parcels abutting Arterial, Parkway, Connector and Local streets.
 1. In the COR2 district, developments may be allowed more than fifty (50%) percent parking in the front yard, provided all other design standards have been met, including the use of a wall, railing, hedge or combination to create a street edge and screen parking.
- C. Wherever a surface parking area faces a street frontage, such frontage shall be screened with a decorative wall, railing, hedge, or a combination of these elements, to a minimum height of three feet (3') and a maximum height of four and one-half feet (4¹/₂') above the level of the parking lot, at the build-to line required for the property. The amount of required screening may vary by sub-district and street frontage and is described in Part Two of this document.



Landscaped edge that combines fence with trees, low shrubs and ground cover for parking lot screening and buffering along sidewalk to screen parking

- D. No parking spaces shall be located on corner lots at the point of street intersections.
- E. Shared parking in COR1 will be accomplished through a Parking Use and Maintenance Agreement (PUMA).
- F. Off-street parking in the COR2 and COR3 sub-districts shall be secured for public use through parking easements and other appropriate conveyances. Shared parking arrangements between nearby uses are encouraged in both sub-districts.
 - 1. The City may approve joint parking for one or more businesses where the total number of parking stalls provided for joint use is less than the sum of the total required for each business should they provide them separately. The applicant must demonstrate the feasibility of the arrangement in a written report. Such a permit shall not be granted except when the following conditions are found to exist:
 - i. Proximity. The building or use for which application is being made to utilize the off-street parking facilities provided by another building or use shall be located within three hundred (300') feet of such parking facilities, excluding public rights-of-way.
 - ii. Conflict in Hours. The applicant shall demonstrate in documented fashion that there is no substantial conflict in the principal operating hours of the two (2) buildings or uses for which joint use of off-street parking facilities is proposed.
 - iii. Written Consent and Agreement. A legally binding instrument, executed by the parties concerned, for joint use of off-street parking facilities, duly approved as

to title of grantors or lessors, and in a form and manner of execution approved by the City Attorney, shall be filed with the City Clerk and recorded with the Anoka County Recorder or Registrar of Titles, and a certified copy of the recorded document shall be filed with the City within sixty (60) days after approval of the joint parking use by the City or the interim use permit shall be considered null and void.

- G. On-street parking adjacent to buildings shall not be used for the purposes of calculating parking requirements.
- H. Within the COR-4 sub-district, parking on individual parcels serving individual uses may be provided if designated and approved as part of the master plan.
- I. Within all sub-districts, a minimum driveway length of twenty-five (25') feet is required to limit conflicts between vehicles parked in the driveway and street or sidewalk users.
- J. In order to ensure the pedestrian orientation of the COR Districts, minimum/maximum on-site parking standards are set based on the following table:

Table 1

Use	Minimum number of parking stalls	Maximum number of parking stalls*
Retail	2 per 1,000 sq. ft.	4 per 1,000 sq. ft.
Restaurants	3 per 1,000 sq. ft.	5 per 1,000 sq. ft.
Offices	2 per 1,000 sq. ft.	3 per 1,000 sq. ft.
Medical offices, clinics	2 per 1,000 sq. ft.	4 per 1,000 sq. ft.
Health clubs	3 per 1,000 sq. ft.	5 per 1,000 sq. ft.
Theaters, places of assembly	1 per 5 seats	1 per 3 seats
Residential		
Attached or detached	1 per unit	2 per unit
Multifamily units	1 per unit	2 per unit

*If a parking structure is provided on site, maximum parking stalls do not apply.

- K. Non-Specified Uses. For uses not specifically listed above, off-street parking requirements shall be computed by the Zoning Administrator on the same basis as required for the most similar listed uses. In such cases, the Zoning Administrator shall also consult off-street parking reference materials including, but not limited to, manuals prepared by the American Planning Association and Institute of Transportation Engineers.
- L. Handicap Parking. The size, number, and location of stalls reserved for handicapped parking shall be provided and identified as required by applicable regulations. These spaces are included in the computation for the minimum parking space requirement.
- M. Change in Land Use. When the site intensity or use of a building and/or property is increased with consequential effect upon the parking requirements as prescribed in this Section, the

parking requirements as prescribed herein shall be used to provide for such increase in the site intensity and/or use.

- N. Use of required parking spaces. Required parking spaces must be available for the use of residents, customers or employees of the use. Fees may be charged for the use of required parking spaces. Required parking spaces may not be assigned in any way to a use on another site, except for joint parking situations. Also, required parking spaces may not be used for the parking of equipment or storage of goods or inoperable vehicles.
- O. Transit Service Reduction. The minimum number of parking stalls required on site may be reduced by 10% for any parcel located within ¼ mile of a transit stop. To qualify for this reduction, the transit stop must provide regular service on all days of the week and direct pedestrian access must be provided between the building and the transit stop.
- P. Bike Racks. In addition to the bike racks provided as part of the streetscape, individual businesses are encouraged to provide bike racks for customers. Bike rack locations will be reviewed and approved by the City as part of the site plan review.
- Q. Increase to Maximum Required Parking. If additional parking is sought to exceed these maximum requirements, a conditional use permit can be sought to increase maximums up to twenty-five (25%) percent.
 - 1. In the COR-2 sub-district, an increase of twenty-five (25%) percent in the maximum number of parking stalls is permitted without the issuance of a conditional use permit if approved as part of the site plan.
- R. In the COR1 sub-district, a PUMA (Parking Use and Maintenance Agreement) shall be applied to all development as follows:
 - 1. It is the City's intent to maximize development on individual lots. In order to help landowners accomplish this goal, the City will develop public parking ramps, which will be available for public parking within The COR. In order to minimize the amount of the site required for parking, the landowner may choose to enter into the PUMA for utilization of the public parking ramps to meet all or a portion of their minimum parking requirements.
 - 2. Each development shall be subject to a PUMA that specifies that each property in the COR1 shall be financially responsible for its proportionate share of a shared parking facility. The proportionate share shall be determined on the basis of the property's off-street parking needs, as determined by the parking requirements of Item J above.

3. The City shall establish fees by ordinance. The developer shall be responsible for payment in an amount equal to the value of the required parking on a per-stall price basis for ramp parking through the PUMA. The City will determine the appropriate contribution.
4. Funds collected by the City shall be deposited in a special fund used only to acquire and/or develop off-street parking facilities for the COR. Financial responsibility shall cover the construction and continuing maintenance of the parking facility.
5. The parking facility may be constructed and maintained by the City or by a private management entity acceptable to the City.

Private Streets

Private streets may be allowed within residential subdivisions, subject to the standards in Section 117-112 (e)3.b. of the Zoning Ordinance.

Loading Areas

- A. Loading areas and docks shall be located in the rear of the building.
- B. Loading areas shall not be located in the front yard and shall be fully screened from public streets, public parks and residential areas through landscaping and building design measures.



Overall Framework – Building Design

Overview

The COR Development Plan 5.03 identifies the preferred mix and approximate location of a variety of land use types. Together with the Zoning Code, this Design Framework focuses on the following overall objectives:

- Promote vertical and horizontal mixed use (within a building, within a block, within a district)
- Provide a variety of housing types, styles, pricing
- Encourage increased density in and around the central core area
- Promote an interesting mix of building styles, scales and massing for each sub-district
- Support creative, innovative, high quality design solutions as the benchmark for success
- Integrate mix of uses with public green space within each district
- Provide a variety of commercial types
- Mix residential and commercial uses to promote street-level activity throughout the day

Guideline Recommendations

The mix of land uses in The COR will encourage activity during the day and into the evening and nighttime hours. As a focus of commerce, employment, recreation and housing, The COR resembles a small to medium size Midwestern downtown in scale and character. Land uses are intentionally mixed, to bring shoppers and workers into the area during the day and attract new residents and visitors to entertainment venues in the evening.

The civic component of The COR, anchored by City Hall, Police Station and variety of public spaces and squares, adds an important element to the land use mix and brings a level of authenticity to the district.

Objectives

- Encourage vertical mixed-use in the core with housing and office space over retail uses along the street, particularly in the center of the district.
- In residential districts, particularly closer to the core, a limited amount of retail uses will be encouraged to service residents and provide nearby places to gather.
- Promote innovative models for housing that include a mix of townhomes, flats and lofts within single buildings or on the same block.
- Accommodate larger, ‘big box’ retailing and auto-oriented uses within the COR2 sub-district only if innovative design approaches are used including two story buildings, use of liner stores facing the street, minimal blank walls, creative parking strategies, etc.
- Where similar uses create a ‘family’ or campus of buildings (e.g. medical campus), buildings should reinforce the street edge and parking should be set within the core of the block.
- Uses shall promote pedestrian friendly streets, contributing to street level activities and overall visual character of each district.
- All uses should reinforce the street edge.



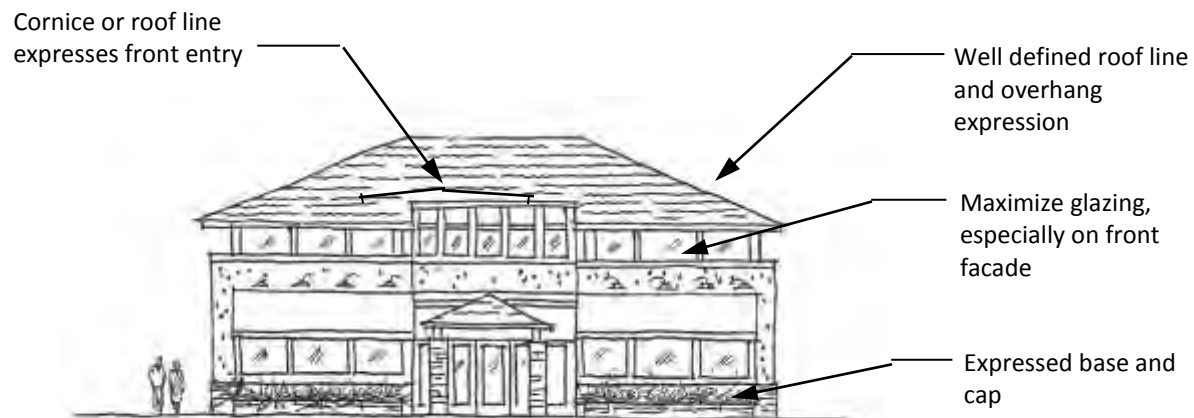
Architectural Overview

High quality architecture is an essential component in fulfilling the objectives of the Design Framework. Rather than prescribing a particular style, these architectural guidelines are intended to encourage an integration of both traditional and contemporary design. Architectural designs should provide a consistent quality, measured, to a great degree, by the pedestrian experience along the street and by an architectural expression that provides character without being thematic, obtrusive, or artificial. Architectural character should strive to be authentic and varied, but not 'thematic'.

Architecture Recommendations

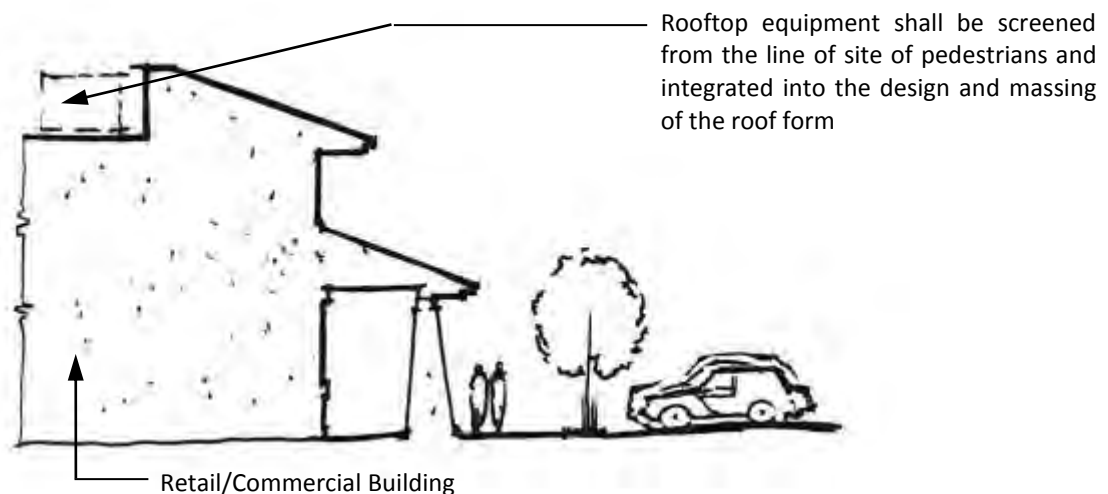
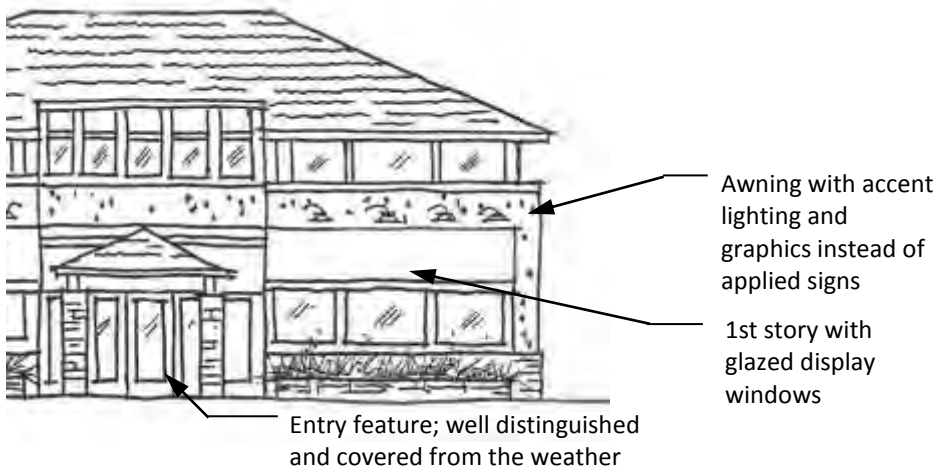
Of all the layers that combine to form The COR Development Plan, architecture will typically be the most prominent development component. Both visually and physically, architecture will play a major role in defining the overall design character and mix of uses for The COR. It is crucial that the design and location of buildings address these architectural guidelines, with specific emphasis on the following:

- An animated street presence with a mix of street-level uses, interesting building façades, many doors and windows on the street, careful design of lighting, awnings, signage and other elements that animate the pedestrian experience

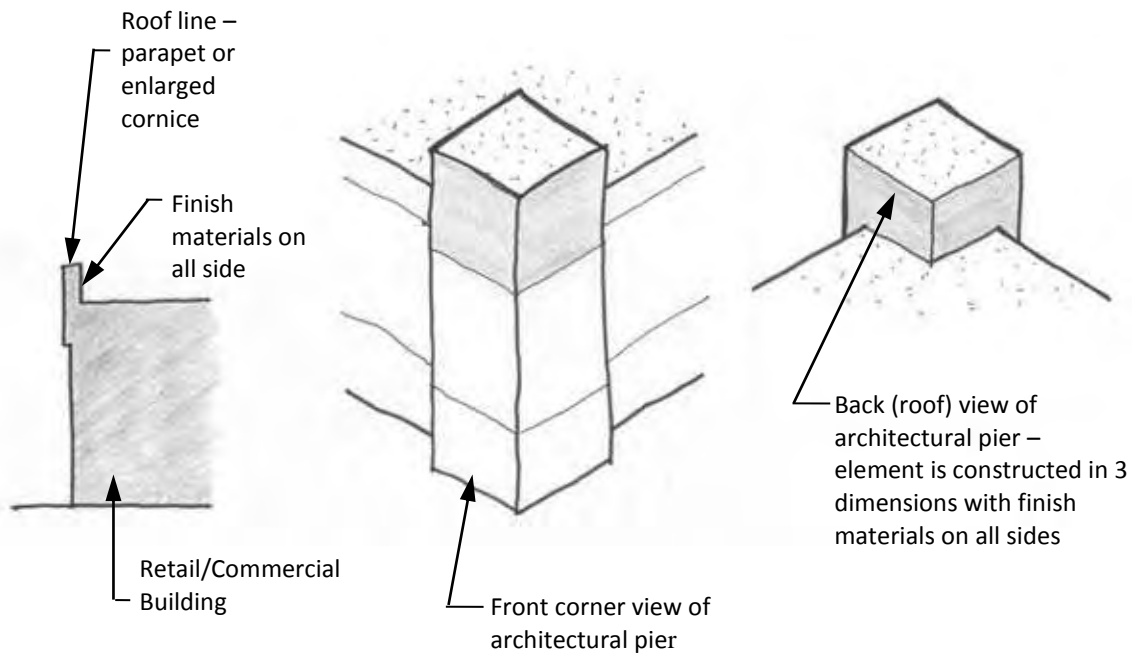


- Variety in building design, character and expression; not one theme or building style, but a thoughtful integration of many design solutions
- Variety of building types including a range of height, scale and proportion, that support an integrated mix of housing options, shopping destinations, entertainment venues, civic structures and other COR uses
- Use of high quality materials, suggesting a preference toward native materials and masonry elements, with respect for local building techniques
- Building location is as important as building style; special architectural elements, character, transparency and a higher level of materials and detailing should be used to highlight key streets and important crossroads throughout The COR
- Buildings should always be located at all four corners of intersections.
 - In the COR2 sub-district, if the City finds that there are unique circumstances where buildings cannot be located on the corner, the City may approve the use of fences, walls or other design elements to create that “street edge”

- Buildings will be located at the street right-of-way line (zero setback), but also allow recessed space for outdoor dining and other street level activities providing some minor deviation for variety
- Greater emphasis should be given to architectural elements, materials and other design features for buildings located at primary intersections, or where streets intersect with parks, such as the streets that front on or end near the Municipal Plaza. These locations can often be seen from several directions, perhaps terminate a view from a distance down the street or sit at a prominent node; They will likely become future landmarks or helpful orientation/wayfinding icons as The COR develops
- Encourage both vertical mixed use (within each building) and horizontal mixed use (within each block) throughout this district
- Include a mix of housing, civic, retail, restaurant, entertainment, performance and other uses that encourage a variety of activities throughout the day.
- Minimize openings between buildings, although limited driveway access and some provision for pedestrian connections through blocks are encouraged – gaps between buildings to accommodate surface parking lots, greater building setbacks or other purposes are discouraged
- Use recessed entries and windows to create street-level interest, variety and enhance pedestrian scale along street frontage



- Equipment, mechanical systems, transformers, etc. must be screened from view in a way that is integral to the architecture of the building. Screening should be accomplished with materials similar to or compatible with materials used on the main structure; metal fencing or mechanical vent screens alone are not sufficient.
- Roof lines and cornice details shall be completed in a 3-dimensional manner so that the back of roof features or similar unfinished areas are not visible.



Overall Framework - Signage

Overview

Signage within The COR should provide a system for clear wayfinding for all modes of transportation and should ensure successful business operation while maintaining the design aesthetic of this unique project. These sign standards are intended to allow flexibility and creativity while maintaining the design concepts of The COR. Due to the distinctive nature of The COR, the sign standards from the City Code are not applicable and signage shall be allowed as prescribed by the Design Framework. A Master Sign Plan identifies the location of key sign locations (see Figure 6: Signage Plan).

Guideline Recommendations

The COR development manager shall prepare a Master Sign Plan for the public elements of the project, which are in compliance with the design framework and will be adopted by reference. The Master Sign Plan will specifically address public signs including:

- The three (3) off-site community signs
- Banner signs on light poles
- Signage for public parks
- Signage for public parking ramps
- Signage for public buildings
- Community kiosks



Objectives

Signage should be used as a tool to help identify businesses and neighborhoods with The COR and should have elements that are focused on the pedestrian nature of The COR as well as the signage needs for businesses.

- Signage and lighting which is integrated into the design of the building is encouraged.

Definitions

Awning Sign means a sign incorporated into or attached to an awning.

Community sign means an off-site sign identifying the development name and key tenants. Community signs may also include public information. Reader boards are allowed to be incorporated into community signs within The COR.

Temporary Sign means a sign which is erected or displayed for a limited period of time and not affixed to a Minnesota State Building Code approved structure.

Project sign means a freestanding area identification sign which identifies a single-family or multifamily residential subdivision, a commercial development or an industrial park or office park and which is located on the same parcel as the development it identifies.

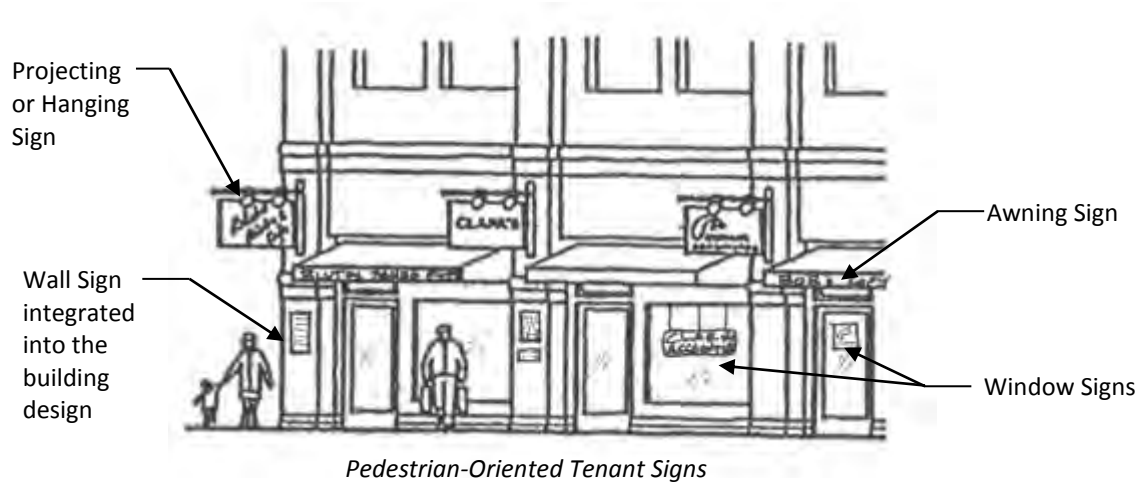
Projecting sign means any sign, all or any part of which extends beyond the surface of the building or wall by more than 16 inches.

Public Realm/Streetscape sign means any sign erected and maintained by public officials or public agencies, or approved and authorized for use by state or local governmental authorities.

Sandwich Board Signs means a self-supporting, freestanding temporary sign with only two (2) sides that are situated adjacent to a business with the intent to attract pedestrian traffic to businesses. Sandwich board signs are not meant to be read by vehicular traffic.

Wall sign means any sign which is affixed to a wall of any building. This definition includes individual letter signs and signs on mansards.

Window sign means a sign installed inside a window, or any sign placed within a building for the purpose of being visible from the public right-of-way. This does not include merchandise on display.



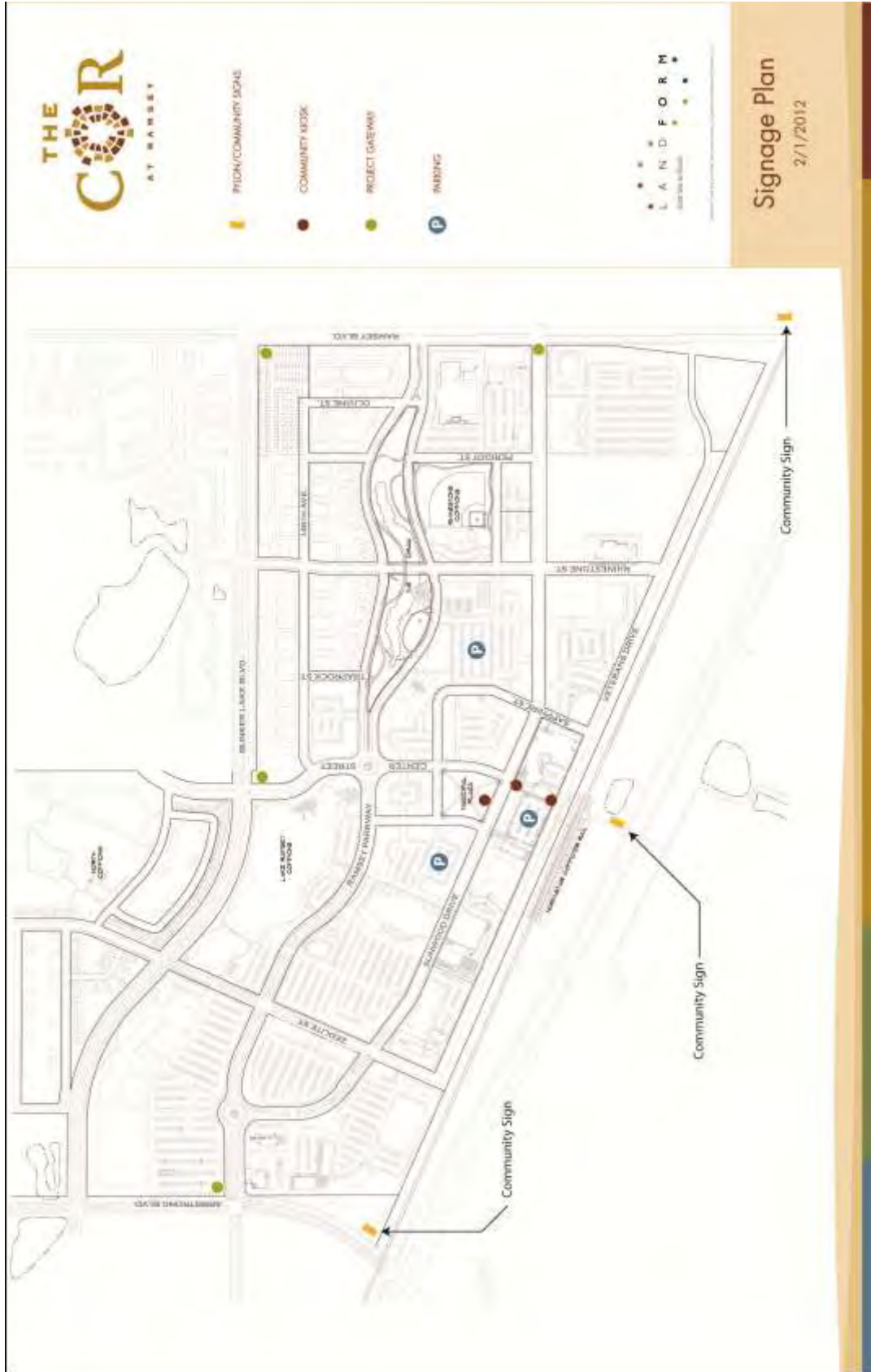


Figure 6: Signage Plan

Standards

Public Realm/Streetscape Signs

The pedestrian oriented nature of The COR requires unique signage that will build on the design concepts for The COR. These types of signs include banner signs on the streetlights, kiosks, street signs, wayfinding signs, signage for public parking ramps, etc. As the design concept for The COR has been refined, so has the signage plan. The COR development manager shall develop standards for these public realm signs as part of the Master Sign Plan. The Master Sign Plan shall be incorporated by reference and may be updated from time to time. Such signage shall be allowed on public spaces as needed to provide information and wayfinding. No advertising shall be allowed on Public Realm/Streetscape Signs except for community events.

Community signs

Community signs include are planned to include three (3) signs on Highway 10, as shown on the Signage Plan (see Figure 6: Signage Plan). The signs include the existing Community Sign near the future transit plaza, the sign at the northwest corner of Highway 10 and Ramsey Boulevard and the planned sign at the northwest corner of Highway 10 and Armstrong Boulevard.

These off-site signs are allowed as shown on the signage plan and shall have consistent materials and colors. The Master Sign Plan shall detail the materials, colors and standards for these three (3) community signs. The Master Sign Plan shall include standards for which tenants shall be allowed on the community signs.



Desirable signs are designed to be architecturally compatible with buildings within the development and other signage within the development

Project Signs

Project signs are permitted within all COR sub-districts.

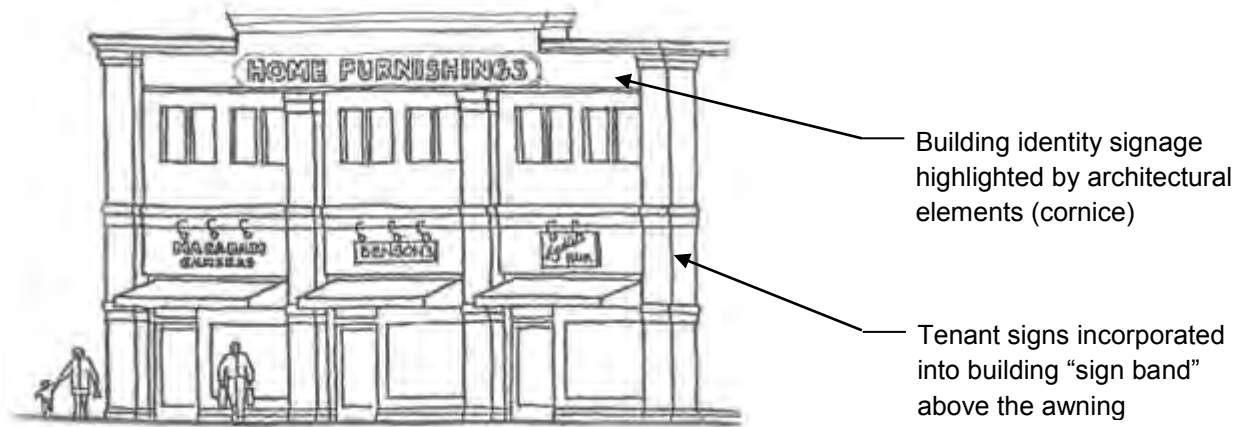
One (1) freestanding sign is allowed per building, provided that the following standards are met:

- A. The building in which the advertising business is located, shall be set back a minimum of six (6) feet from a public street right-of-way.
- B. The area of each face of the signboard shall not exceed six (6) square feet and the signboard shall not have more than two (2) readable faces
- C. The height of the top of the signboard, or of any posts, brackets, or other supporting elements shall not exceed six (6') feet from the ground.

- D. The signboard shall be constructed of wood, acrylic, aluminum or metal and shall be architecturally compatible with the style, composition, materials, colors and details of the building.
- E. No part of the sign shall encroach on the right-of-way and its location shall not interfere with pedestrian or vehicular circulation.
- F. Limited to one (1) sign per building and shall not be in addition to wall-mounted, applied letter or projecting signs.
- G. The readable faces of the sign shall be perpendicular to the adjacent street.

In the COR2 District, the following signage shall be allowed:

- A. Ground sign. There shall not be more than one (1) ground sign for each parcel. The gross surface area of a ground sign shall not exceed one hundred (100) square feet for each exposed face nor exceed an aggregate gross surface area of two hundred (200) square feet.
- B. Menu board. One (1) on-site menu board per drive-up or walk-up lane of a drive-in restaurant up to a maximum of thirty-two (32) square feet each and a maximum height of three (3) feet. Menu boards are allowed a message on one (1) side only and cannot contain an advertising message.
- C. Directional signs.
 - 1. Directional or instructional signs are permitted in accordance with Section 117-463(I).
 - 2. Parking lot directional signs designating parking area entrances and exits are limited to one (1) sign for each entrance and/or exit and shall not exceed four (4) square feet for each exposed face. Parking lot directional signs shall not project higher than five feet (5') in height, as measured from the established grade of the parking area to which such signs are accessory.
 - 3. Parking lot instructional signs designating the conditions of use or identification parking areas shall not exceed eight (8) square feet and shall not project higher than ten (10) feet in height for wall signs and seven (7) feet in height for ground signs, as measured from the established grade of the parking area to which such signs are accessory.



Wall Signs

Wall signs are permitted within all COR sub-districts.

Wall signs shall be permitted on one (1) wall, except that lots with frontage on more than one (1) street may have signage on one (1) wall per street frontage.

Within the COR1, COR3, COR4 and COR5 districts, the following standards apply:

- A. Wall-mounted or painted signs, provided the following standards are met:
 1. The sign shall be affixed to the front facade of the building, and shall project outward from the wall to which it is attached no more than six inches (6").
 2. Single Tenant Buildings. Each building shall be allowed one (1) wall sign per street frontage. Signage must be located on the street elevation. The area of the sign shall not exceed five (5%) percent of the ground floor building facade area or fifty (50) square feet, whichever is less.
 3. Multi-Tenant Buildings.
 - a. Each building shall be allowed wall signage on the street frontage elevation. For buildings with multiple street frontages, the allowable signage is per street frontage. Signage must be located on the street elevation.
 - b. Each building is allowed wall signage that shall not exceed 5% of the wall area of the building façade adjacent to the street or 50 square feet, whichever is less.
 - c. Tenant signage must be located on the tenant lease space.
 - d. At least fifty (50%) percent of the allowed signage must be allocated to ground floor tenants and located on the ground floor.
 - e. Signage is limited to a maximum of one (1) sign per business/tenant, except that tenants with frontage on multiple streets may be permitted to have signage on each street frontage.
 - f. Multi-tenant buildings must have wall signs of similar design. Sign permits for tenants in multi-tenant buildings shall only be permitted by the City after the

building owner has submitted a comprehensive sign plan approved by the Zoning Administrator. The comprehensive sign plan for the building shall include similar design standards including sign material, color, style, spacing and size.

4. Signs for buildings facing Highway 10. Single or multi-tenant buildings that have frontage on Highway 10 or are separated from Highway 10 only by other public right-of-way, shall be allowed to have signage on that street elevation that is up to five (5%) percent of the wall area of that building façade with no maximum square footage.
- B. Wall-mounted building directory signs identifying the occupants of a commercial building, including upper story business uses, provided the following standards are met:
1. The sign is located next to the entrance.
 2. The sign shall project outward from the wall to which it is attached no more than six inches (6").
 3. The sign shall not extend above the parapet, eave, or building facade.
 4. The area of the signboard shall not exceed three (3) square feet, with each tenant limited to one (1) square foot.
 5. The height of the lettering, numbers, or graphics shall not exceed four inches (4").
 6. One (1) such sign is allowed per public building entrance and is allowed in addition to other permitted wall signage.
- C. Applied letters may substitute for wall-mounted signs, if constructed of painted wood, painted cast metal, bronze, brass, acrylic or black anodized aluminum. The height of applied letters shall not exceed 12 inches.
- D. Logos are considered signs and shall be included in the maximum allowable sign area.
- E. Window or door signs, provided that the following standards are met:
1. The sign shall not exceed ten percent of the window or door area or four (4) square feet, whichever is less.
 2. The sign shall be silk screened, hand painted, applied letters/graphics, neon tubing or other sign technologies that meet these standards.
 3. Limited to one (1) sign per business, applied on either the window or the door, but not on both.
 4. The sign shall not have an opaque backing of any type although smoked glass is allowed.

5. Window signage (includes graphics) shall be permitted on the same building walls that have, or are allowed to have, wall signage pursuant to Item A above. Window signage shall be deducted from the allowable wall signage area.

Within the COR2 district, where more conventional suburban development is expected, rather than the neo-traditional development planned for the other COR sub-districts, the following standards apply:

- A. Wall, canopy or marquee sign. Total sign area may not exceed 15 percent of the front building facade. At least 50 percent of the signage area must be placed on the measured wall with remaining signage area, if desired, distributed on any other wall. Sign height shall not exceed the top of the parapet wall or, if no parapet wall, sign height shall not exceed the height of the eaves. The gross surface area of a wall, canopy or marquee sign may be increased by ten percent if such wall sign:
 1. Consists only of individual, outlined alphabetic, numeric and/or symbolic characters without background except that provided by the building surface to which the sign is to be affixed;
 2. Illumination, if any, is achieved through shielded illumination, shielded silhouette lighting, or shielded spot lighting but not any lighting where the light source is visible or exposed on the face or sides of the characters; and
 3. A wall, canopy or marquee sign may be located on the outermost wall of any principle building but shall not project more than 16 inches from the wall to which the sign is to be affixed. A wall sign shall not project higher than the parapet line of the wall to which the sign is to be affixed.
- B. Window signs are restricted to 30 percent of the area of the window in which the sign is to be displayed.

In all COR sub-districts, restaurants and cafes shall be permitted one (1) wall-mounted display featuring the actual menu as used at the dining table, to be contained within a shallow wood or metal case and clearly visible through a glass front. The display case shall be attached to the building wall, next to the main entrance, at a height of approximately five feet (5'), shall not exceed a total area of two square feet, and may be lighted. This signage is allowed in addition to other permitted wall signage.

Projecting Signs

Projecting signs are permitted within all COR sub-districts.

Projecting signs, including graphics or icon signs, mounted perpendicular to the building wall, are encouraged in all sub-districts, provided the following standards are met:

- A. The sign area shall not exceed six (6) square feet.
- B. The distance from the ground to the lower edge of the signboard shall be ten feet or greater.



- C. The height of the top edge of the signboard shall not exceed the height of the wall from which the sign projects, if attached to a single story building, or the height of the sill or bottom of any second story window, if attached to a multistory building.
- D. The distance from the building wall to the signboard shall not exceed six inches (6").
- E. The width of the signboard shall not exceed three (3) feet.
- F. Limited to one (1) sign per business. Projecting sign area shall be deducted from the allowable wall signage area.
- G. Granted to ground floor commercial uses only.

Awning Signs

Awning signs are allowed in all COR sub-districts. Awning signs are allowed for ground floor uses only, provided that the following standards are met:

- A. If acting as the main business sign, it shall not exceed 24 square feet in area, and the height of the lettering, numbers, or graphics shall not exceed 12 inches.
- B. If acting as an auxiliary business sign, it shall be located on the valance only, shall not exceed four (4) square feet in area, and the height of the lettering, numbers, or graphics shall not exceed four inches (4").
- C. Limited to two such signs per business.
- D. If acting as the main business sign, it shall not be in addition to a wall-mounted or applied letter sign.

Sandwich Board Signs

Sandwich board signs are permitted within all COR sub-districts.

- A. One (1) sandwich board sign per business is permitted in any business, commercial and mixed use district and shall be located within five feet (5') of the main building entrance to the business it advertises.
- B. Sandwich board signs shall be displayed only during open business hours and must be removed daily.
- C. Sandwich board signs shall be no more than a total of two feet (2') in width and three feet (3') in height



- D. Sandwich board signs must leave a minimum of five feet (5') of clearance for pedestrian access if placed on a public or private sidewalk. Sandwich board signs may not hinder the ability of persons to access vehicles parked at the curb and/or access to a building.
- E. Acceptable materials for sandwich board signs shall include the following: metal, wood synthetic materials such as a chalk board and whiteboard. Sandwich board signs shall not be illuminated, nor shall they contain moving parts, or have balloons, streamers, stringers, pennants or similar adornments attached to them. Sandwich board signs shall be maintained in a good appearance at all times.
- F. No sandwich board sign shall be secured, tethered or installed on traffic devices, utility equipment, street furniture, street lights, or any other public fixture.
- G. Sandwich board signs are temporary signs and shall not be counted towards the total sign area of the site for permanent signage.

Temporary Signs

Temporary signs are allowed per Section 117-465 (Temporary signs) of the Zoning Ordinance, except as noted below:

- A. Freestanding temporary signs shall only be allowed in the COR1 District.
- B. In all other COR districts, temporary signs shall be limited to temporary sandwich board signs or temporary wall signage.

Off-Site Signs

Off-site signs are prohibited except for wayfinding and community signage specifically allowed by the Design Framework.

Table 2

Sign Standards					
Development Standard	COR1	COR2	COR3	COR4	COR5
Project Signs					
Number of signs allowed	1*	1*	1*	1*	1*
Size of Sign (maximum)	6 sq. ft./6 feet high	100 sq. ft./6 feet high	6 sq. ft./6 feet high	6 sq. ft./6 feet high	6 sq. ft./6 feet high
Menu Board**	N/A	1 per drive-through/36 sq. ft. max.	N/A	N/A	N/A
Directional Sign	N/A	Per 117-463(l)	N/A	N/A	N/A
Wall Sign					
Number of signs allowed	1*	1*	1*	1*	1*
Size of Sign					
Single Tenant Building	50 sq. ft. or 5% of the ground floor façade area, whichever is less	15% of façade area	50 sq. ft. or 5% of the ground floor façade area, whichever is less	50 sq. ft. or 5% of the ground floor façade area, whichever is less	50 sq. ft. or 5% of the ground floor façade area, whichever is less
Multi-Tenant Buildings	50 sq. ft. or 5% of the façade area, whichever is less	15% of façade area	50 sq. ft. or 5% of the façade area, whichever is less	50 sq. ft. or 5% of the façade area, whichever is less	50 sq. ft. or 5% of the façade area, whichever is less
Building Facing Highway 10	5% of the façade area	15% of façade area	5% of the façade area	5% of the façade area	5% of the façade area
Window Sign					
Number of signs allowed	1	1	1	1	1
Size of Sign	10% of area of window or 4 sq. ft., whichever is less. Deducted from allowable wall sign area.	30% of area of window. Deducted from allowable wall sign area.	10% of area of window or 4 sq. ft., whichever is less. Deducted from allowable wall sign area.	10% of area of window or 4 sq. ft., whichever is less. Deducted from allowable wall sign area.	10% of area of window or 4 sq. ft., whichever is less. Deducted from allowable wall sign area.
Directory Sign					
Number of signs allowed	1 per building entrance	1 per building entrance	1 per building entrance	1 per building entrance	1 per building entrance
Size of Sign	3 sq. ft. maximum	3 sq. ft. maximum	3 sq. ft. maximum	3 sq. ft. maximum	3 sq. ft. maximum
Projecting Sign					
Number of signs allowed	1*	1*	1*	1*	1*
Size of Sign	6 sq. ft./3 feet wide	6 sq. ft./3 feet wide	6 sq. ft./3 feet wide	6 sq. ft./3 feet wide	6 sq. ft./3 feet wide
Awning Sign					
Number of signs allowed	2 per business	2 per business	2 per business	2 per business	2 per business
Size of Sign	24 sq. ft./max. letter height 12-inches for main business sign or 4 sq. ft./max letter height 4-inches if auxiliary. Area is deducted from allowable wall sign area.	24 sq. ft./max. letter height 12-inches for main business sign or 4 sq. ft./max letter height 4-inches if auxiliary. Area is deducted from allowable wall sign area.	24 sq. ft./max. letter height 12-inches for main business sign or 4 sq. ft./max letter height 4-inches if auxiliary. Area is deducted from allowable wall sign area.	24 sq. ft./max. letter height 12-inches for main business sign or 4 sq. ft./max letter height 4-inches if auxiliary. Area is deducted from allowable wall sign area.	24 sq. ft./max. letter height 12-inches for main business sign or 4 sq. ft./max letter height 4-inches if auxiliary. Area is deducted from allowable wall sign area.

*One (1) sign is allowed per street frontage (either wall or project)

**Restaurants and cafes in all districts are allowed one (1) wall mounted menu board not to exceed 2 sq. ft. in addition to other permitted wall signage.

Additional standards

- A. Businesses with service entrances may identify these with one (1) wall-mounted or applied letter sign not exceeding two square feet.

- B. One (1) directional sign, facing a rear parking lot. This sign may be any type of permitted sign other than a freestanding sign, but shall be limited to four (4) square feet in area.

Creative Sign Standards

- A. *Purpose.* This section establishes standards and procedures for the design, review, and approval of creative signs. The purposes of this creative sign program are to:
 - 1. Encourage signs of unique design, and that exhibit a high degree of thoughtfulness, imagination, inventiveness, and spirit; and
 - 2. Provide a process for the application of sign regulations in ways that will allow creatively designed signs that make a positive visual contribution to the overall image of the city, while mitigating the impacts of large or unusually designed signs.
- B. *Applicability.* An applicant may request approval of a sign permit for a creative sign to authorize onsite signs that employ standards that differ from the other provisions of this chapter but comply with the provisions of this section.
- C. *Application Requirements.* A sign permit application for a creative sign shall include all information and materials required by the City.
- D. *Procedure.* A sign permit application for a creative sign shall be subject to review and approval by the City as part of the Site Plan review process. When the creative sign is proposed after site plan review is complete, a creative sign may be approved by the Zoning Administrator when the proposed sign is fifty square feet or less, and shall be approved by the City Council when the sign is larger than fifty square feet.
- E. *Design Criteria.* In approving an application for a creative sign, the review authority shall ensure that a proposed sign meets the following design criteria:
 - 1. Design Quality. The sign shall:
 - a. Constitute a substantial aesthetic improvement to the site and shall have a positive visual impact on the surrounding area;
 - b. Be of unique design, and exhibit a high degree of thoughtfulness, imagination, inventiveness, and spirit; and
 - c. Provide strong graphic character through the imaginative use of graphics, color, texture, quality materials, scale, and proportion.
 - 2. Contextual Criteria. The sign shall contain at least one (1) of the following elements:
 - a. Classic historic design style;
 - b. Creative image reflecting current or historic character of the City;
 - c. Inventive representation of the use, name, or logo of the structure or business.

3. Architectural Criteria. The sign shall:
 - a. Utilize or enhance the architectural elements of the building; and
 - b. Be placed in a logical location in relation to the overall composition of the building's façade and not cover any key architectural features and details of the façade.
4. Neighborhood Impacts. The sign shall be located and designed not to cause light and glare impacts on neighboring residential uses.

Prohibited signs

The following signs are prohibited:

- A. Box signs or cabinet signs, whether on a wall, projecting or on canopies are prohibited except for logo signs permitted as part of an overall sign plan.
- B. Signs employing mercury vapor, low pressure and high pressure sodium and metal halide lighting; plastic panel rear-lighted signs.
- C. Signs on roofs, dormers, and balconies.
- D. Billboards.
- E. Signs painted or mounted upon the exterior side or rear walls on any principle or accessory building or structure, except as otherwise permitted hereunder.
- F. Free standing pylon signs over six (6) feet in height, except community signs.
- G. Back-lit awnings.
- H. Interchangeable letter boards or panels.
- I. Flashing signs.
- J. Off-premises signs, except community signs.

Overall Framework – Stormwater Management

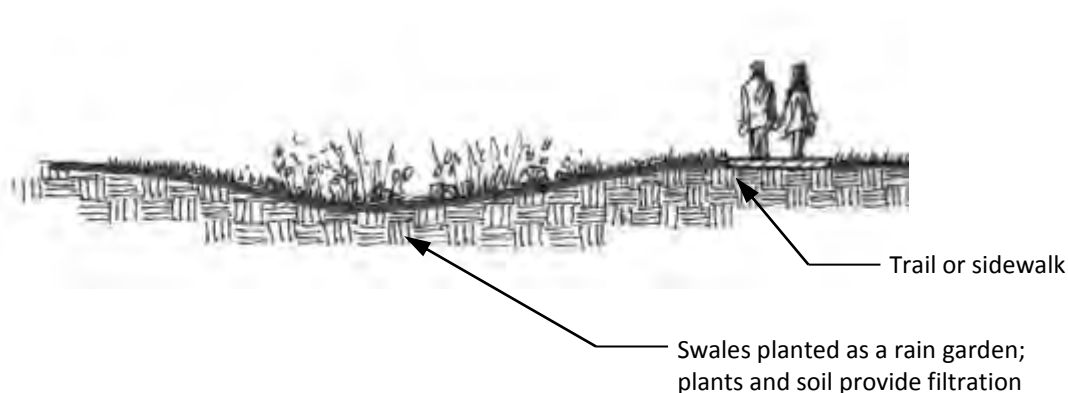
Overview

Water features and drainage systems are essential components of The COR Master Plan. The mix of ponds, streams, fountains and other water elements will provide focal amenities and year round activities within the framework of an environmentally responsible, visually pleasing strategy to manage stormwater. Because the Mississippi River is a restricted discharge water of the state, and because we are creating a new discharge from this development, each sub-district and each site has a responsibility to utilize ‘best management practices’ (BMP) to pretreat run-off, reduce erosion and encourage infiltration, with the understanding that regional treatment will be provided. Water elements are not intended to be separate stand-alone features, but instead should be integrated with the variety of parks, trails and public open space proposed for The COR. Water and landscape should be designed and utilized within multipurpose areas that accommodate both active and passive recreational use.

Objectives

Integration of water and landscape, design creativity, use of high quality materials and safety concerns are the critical objectives to be met – the following examples illustrate only a few of many possibilities:

- Innovative new products, such as special soil systems (Netlon, structural soils), pervious pavements for parking areas, storm ceptors, underground storage and other creative techniques should be used to BMP standards
- ‘Green architecture’, expressed through green roofs, gray water recycling and other techniques should be included to reduce the impact of new development on stormwater systems
- Water feature design should include both formal elements (such as reflecting pools or fountains) and natural/informal forms (such as ponds, streams, waterfalls) and should explore creative ways to integrate wetland/rain garden landscapes with active, urban spaces.



Guideline Recommendations

This framework not only defines the overall role and character of The COR, but also encourages each development parcel to address the following:

- **Create** signature water features (ponds, pools, fountains, waterfalls, etc.) as major visual amenities throughout The COR
- **Promote** high quality, creative and appealing aesthetics for all system elements
- **Integrate** stormwater management components (meeting both water quality and quantity requirements)

A great deal of time and effort has gone into the calculation and design of a 'watershed-based' stormwater management plan to support COR development. While this overall strategy addresses the water quantity issue for the entire COR by providing storage and conveyance facilities for storm events, individual development projects (block-by-block) have an equal responsibility to meet water quality standards as a primary goal. Each project should integrate a variety of techniques, materials and methods to promote multiple use, maximum flexibility, improved aesthetics for parking areas, park spaces, drainage swales and other site features.

Overall Framework – Parks/Public Spaces

Overview

The overall design framework of The COR is based on a system of linked parks, trails and open space. The City of Ramsey, Anoka County, and to some extent, the State of Minnesota all play a role in local and regional parks programming, design review, construction sequencing, implementation and ultimately maintenance and operation of key public spaces within this framework. The goal is to link existing and proposed parks and trails defined in regional park plans with proposed new parks and trails within The COR. Of equal importance is the contribution from each block and each development project to this network of green, adding a variety of private, semi-private, and perhaps some additional public space throughout The COR. Private development will share the responsibility to provide inviting, innovative and useable green space as integral parts of individual parcel site design.

Guideline Recommendations

The Design Framework encourages the following:

- Work with the City to create an integrated, comprehensive open space system that links with existing city and county trails and open space networks
- Encourage private development (block-by-block) to share in the responsibility to provide inviting, innovative and useable green space as integral parts of each development project
- Integrate stormwater management components (meeting water quality and quantity requirements) within both public / private park and open space improvements



Together, the system of public and semi-public green space will result in a welcoming public realm throughout the new community.

Objectives

Based on the Development Master Plan for The COR, a variety of public and private green space is proposed including:

- Each block and each project will provide intentional, creative, innovative, useable green areas as integral components of site development and building design.
- At the individual block scale, small squares and greens will provide places for gathering and relaxation, especially targeted to meet the demands of adjacent, or nearby buildings. Elements such as gardens, gazebos and fountains should characterize these more intimate public spaces.
- At the neighborhood scale, parks will provide space for more active recreation, and should be flexible enough to accommodate a variety of recreational activities.
- Playgrounds, game fields and park buildings are park amenities that will target a wider user demand from the surrounding community.
- The Municipal Plaza will connect with all other parks and open space elements, providing a focal point for activity and a sense of place. Gardens, public pavilions and shelters, play lots and open play fields are amenities that will provide built-in flexibility to meet the demands of both the local population and regional visitors to The COR.



Part Two: Sub-district Framework

Overview

The Master Plan and Zoning Ordinance identify five (5) distinct sub-districts within The COR. Each of these sub-districts is defined by a unique mix of uses, specific site development patterns and perhaps a distinctive character or image. The sub-districts complement one another as part of the overall plan. The sub-districts are shown the attached Sub-district Map (Figure 7: Sub-district Map). They include:

- **COR1 Mixed Use Core** – provides the broadest variety, highest density and greatest intensity of development, encouraging both vertical and horizontal mixed use
- **COR2 Commercial** – provides a location for larger scale retail and other auto-orientated commercial uses
- **COR3 Workplace** – provides a location for uses with high concentrations of employees, such as medical/technology related office, and other corporate or institutional uses
- **COR4 Neighborhood** – provides opportunities for a range of housing types from small lot single family to townhouse, to high density senior or rental apartment
- **COR5 Park and Open Space** – preserves environmental features and provides neighborhood/community amenities throughout The COR

Development plans must respond to the overall COR Design Framework described in Part One of this document, but also must address the following detailed framework standards for each sub-district. To further clarify and illustrate proposed features in the Master Plan, these sub-district guidelines are organized under the following categories:

- Public Realm / Streetscape Framework
- Site Design Framework
- Architectural Framework

In all cases, the sub-district framework must be applied in harmony with the overall COR framework and with other existing city, county, state codes, design criteria, plans and studies that support broader goals for regional growth and development. However, within each district, development standards shall be based, in part, on the street hierarchy established in The COR.

Public Realm/Streetscape

- A. The developer shall be responsible for construction of all streetscape improvements along adjacent streets. These improvements include all hardscape improvements, such as trails, sidewalks, benches, bike racks, etc., as well as street trees and other greenscape.
- B. The landowner shall be responsible for maintenance of the streetscape improvements along adjacent streets. Such maintenance may be managed as part of a Special Service District (SSD) or similar.

Plazas

- A. All properties with principal buildings in excess of 30,000 square feet shall be required to have a public plaza space.
- B. The public plaza space shall include benches, bike racks trash receptacles, lighting fixtures and other amenities to create a welcoming space for tenants of the building and members of the public.

C. These plaza spaces should be visible from the public street.

Architecture

These architectural framework standards provide an important balance between design continuity, desirable variety and the notion that buildings should complement, and perhaps contrast, but not compete with one another. The lasting appeal of the final outcome must be grounded in the authenticity of the design and the acceptable level of ‘messiness’ that comes with creating a real downtown over time; ‘faux’ second floors, stage set or themed solutions, and large faceless buildings are not acceptable.



Auto Versus Human Design: Providing rear alleys or side loaded garages enables the home to present itself to the street, which promotes sociability and walkability.

Minimum Standards

Definitions

Build to line: The line at which construction of a building facade is to occur on a lot. The build to line provides a maximum setback for all building facades from the right-of-way or inside edge of the sidewalk, whichever is greater. The build to line applies to all facades abutting a street right of way. Build to line standards are based on the sub-district the parcel is located and the street in which the building is located upon.

Setback: The minimum required distance between a parking lot or the vertical wall of a building and a lot line. Setbacks are typically more flexible than build to lines and allow a building to be set further back from the lot line and street right-of-way.

Requirements:

- A. Additional development standards shall be defined within each sub-district.
- B. Provide a diverse mix of materials, applied in a variety of proportions, exposures and detailing within a block, or along a street.

C. Buildings should be articulated to break up the mass of the building façade on all elevations. Large blank exterior walls shall be prohibited. Windows are encouraged to be used to break up the mass of the building. Rooflines and building elevations should be articulated to break up the mass of buildings. Buildings must be broken at a minimum of every fifty (50) feet. This variation can be accomplished through one (1) or more of the following:

1. Wall face variations (minimum depth of two (2) feet)
2. Pilasters or columns (minimum depth of two (2) feet)
3. Upper wall break in color and/or materials (minimum of 2/3 up the height of the wall)
4. Wainscot (minimum of four (4) feet high)
5. Canopies (minimum four (4) foot width)
6. Corner and demising wall or building separations



More Desirable

D. Each development application must list building materials, roofing materials and building colors on the plans. Building articulation, mechanical screening by architectural elements and design elements on all building elevations must be identified on the plans. The plans shall be subject to City review and approval to ensure that the design intent of the Framework has been met.



Less Desirable

E. Building materials shall be high-quality durable materials, such as glass, stone, brick, windows, canvas awnings, etc.

1. Use local sources if available
2. Siding is not allowed (vinyl, metal, wood) except as a complimentary use
3. Use clear or lightly tinted glass for all windows and doors – mirrored, reflective or highly tinted glazing is not acceptable
4. Metal and wood components are acceptable as a complimentary, not primary, building material
5. COR1 sub-district buildings shall be primarily brick or a comparable alternative and shall comprise a minimum of fifty (50%) percent of the non-glazed wall area

F. Residential development should provide variety within the subdivision to avoid monotony. Developers will include front porches and windows that face all streets. Corner units shall have more than one (1) window per side of building to help create a sense of place in the community and promote safety on the street.

G. Garage forward or “snout houses” are highly discouraged on all residential development as they dominate the view from the street and sidewalk.

H. All sides of buildings shall have an equal finish in terms of materials and general design.

I. The main entrance of each principal building must face the street. On corner lots, the main entrance may face either of the streets or be oriented to the corner. With buildings that have more than one (1) main entrance, only one (1) entrance must meet this requirement.

- J. Building massing shall be oriented parallel to the street frontage of the lot.
- K. Trash and recycling areas shall be designed internal to the building.
- L. Provide recessed entries wherever possible.
- M. Buildings shall have a base and top to the architecture.
- N. Multi-story buildings are preferred in the COR1 sub-district, but occasional single story buildings are acceptable; single story buildings should not dominate any street frontage and should be a minimum of twenty (20) feet to the roofline.
- O. Maximize glass openings for all ground level, street front façades – especially for retail, restaurant and other commercial uses – fifty (50%) minimum of total ground level façade, or demonstrate great design through other means.
- P. Provide real window openings for all street facing façades above ground level in all districts—a minimum of forty (40%) percent of total façade.



Residential uses in COR4 and COR5 must also comply with the following:

- A. *Location of main entrance*
 1. A building must include a front porch or covered balcony/patio at all main entrances that face a street. The porch or stoop shall adjoin the main entrance and the main entrance shall be accessible from the porch.
 2. The main entrance of each principal building must face the street. On corner lots, the main entrance may face either of the streets or be oriented to the corner. With buildings that have more than one (1) main entrance, only one (1) entrance must meet this requirement.
- B. *Porches:* Porches used to satisfy the design criteria shall comply with the following:
 1. Porches shall be covered by a solid roof. The roof shall not be located more than 12 feet above the floor of the porch. If the roof of a required porch is developed as a deck or balcony, it may be flat.
 2. The porch shall have minimum dimensions of 6 feet by 6 feet. (6' x 6'). For single-family detached dwelling units, the covered area provided by the porch must be at least



forty-eight (48) square feet and a minimum of eight (8) feet wide. If the main entrance is for more than one (1) dwelling unit, the covered area provided by the porch must be at least sixty-three (63) square feet and a minimum of nine (9) feet wide.



C. *Covered balconies/patio*: The covered area must be at least forty-eight (48) square feet, a minimum of eight (8) feet wide, and no more than fifteen (15) feet above grade. The covered area must be accessible from the interior living space of the house.

D. *Openings between porch floor and ground*: Openings of more than one (1) foot between the porch floor and the ground must be covered with a solid material or lattice.

E. *Roofs*

1. *Slope*: Principal structures must have a roof that is sloped, with a pitch that is no flatter than six (6) units of horizontal run to twelve (12) units of horizontal rise.

2. *Architectural features*: The roof of a principal structure shall include the following architectural details:

- a. At least one (1) dormer facing the street. If only one (1) dormer is included, it shall be at least five (5) feet wide and shall be centered horizontally between each end of the front elevation. If more than one (1) dormer is provided, a dormer at least four (4) feet wide must be provided on each side of the front elevation;
or

- b. A gabled end, or a gabled end of a roof projection, facing the street.

3. *Roof eaves*: Roof eaves must project from the building wall at least twelve (12) inches, measured horizontally, on at least the front and side elevations.





Figure 7: Sub-district Map

Sub-District Framework - COR1 Mixed Use Core

Public Realm / Streetscape

Public realm and streetscape improvements define the character of The COR and create a memorable signature for the Mixed Use Core sub-district. This is the most urban of all sub-districts in The COR and will be developed with a very urban pattern. Great parks and great streets, encourage intensified levels of activity, support the proposed mix of uses, invite community gathering and accommodate special events throughout the year.

Site Development

Framework standards that address building location, organization of space and parking options tend to focus on what can be measured – dimensions, setbacks, number of spaces and so on. But in addition to these issues, the Design Framework also describes the aesthetic qualities and design character of a preferred ‘urban form’ for the Mixed Use Core. The compact and higher density blocks that define this sub-district encourage a mix of uses, with a continuous built edge along street frontage. Innovative parking strategies support this mix, providing easy access to destination shopping, restaurant and entertainment venues. Together these elements will promote the core area as the center of activity – the place to see and be seen within The COR.

Architecture

Buildings in the Mixed Use Core will play a major role in defining the overall character of The COR. The proposed mix of uses for this signature destination suggests the potential for a variety of building types, demanding creativity and innovation to highlight unique architecture, while knitting the entire sub-district together as a coherent whole. Overall building design is an important consideration, but emphasis on first floor façade treatments is essential to encourage street-level activity and enhance the pedestrian experience. Architecture to be ‘4-sided’ at all locations visible to public areas. Emphasis will be on great design along public street frontage.

Table 3

COR1 Development Standards						
	Arterial Street	Destination Street	Parkway	Connector Street	Downtown Street	Local Street
Minimum lot size	None	None	None	None	None	None
Minimum lot width	20 feet	20 feet	20 feet	20 feet	20 feet	20 feet
Minimum lot depth	80 feet	80 feet	80 feet	80 feet	80 feet	80 feet
Allowable residential density in dwelling units per acre ⁽¹⁾	>15 DU/AC	>15 DU/AC	>15 DU/AC	>15 DU/AC	>15 DU/AC	>15 DU/AC
Minimum floor area ratio (FAR) for nonresidential uses/vertically mixed buildings/sites	.75	.75	.75	.75	.75	.75
Build to Line						
Front yard ⁽⁴⁾	30 feet as measured from building front to right-of-way ⁽²⁾⁽³⁾ (60% of front facade w/in max.)	5 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	5 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	5 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	5 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	5 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)
Side yard	no req.	no req.	no req.	no req.	no req.	no req.
Rear yard	no req.	no req.	no req.	no req.	no req.	no req.
Driveway length (minimum)	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units
Building height (min. - max.)	2 - 5 stories.	2 - 5 stories.	2 - 5 stories.	2 - 5 stories.	2 - 5 stories.	2 - 5 stories.
Planter Style	N/A	Planter Bed	Boulevard Sod	Boulevard Sod	N/A	Boulevard Sod
Tree Spacing (on center)	N/A	35 feet	35 feet	35 feet	35 feet	35 feet
Boulevard Width	N/A	6 feet	6 feet	6 feet	N/A	6 feet
Sidewalk Width	10 feet	10 feet	6 feet	10 feet	10 feet	10 feet

1. Residential density is based on the net area of the parcel in question for parcels. In the event that public open space that is not dedicated to the City is developed independently of any particular residential project, the land area of the open space shall be divided equally among those abutting projects for purposes of density calculations.
2. Build to line shall be measured from building front to edge of right-of-way, or edge of sidewalk easement as defined by the City and said sidewalk must be encumbered by a sidewalk easement recorded with the office of the Anoka County Recorder.
3. The City may approve up to a 60-foot setback if it finds that topography or other factors require that a building be set back further to achieve acceptable grades or buffer between the street, the site entrance and the building.
4. In order to address vision clearance standards on higher speed roadways, parcels that are located at an intersection with an arterial roadway are allowed a build-to line of 35 feet from both streets.

A. At least sixty (60%) percent of street frontage of any lot shall be occupied by building facades meeting this build-to-line. On lots with more than one (1) street frontage, the build to line shall apply on each side fronting a street. An enclosed open area plaza space or outdoor seating with a decorative wall with a minimum height of three feet (3') and a maximum of four and one-half feet (4 ½') can be used to meet the sixty (60%) percent street frontage requirement.

B. Screening Of Parking Areas: Wherever a surface parking area faces a street frontage, such frontage shall be screened with a decorative wall, railing, hedge, or a combination of these elements, to a minimum height of three feet (3') and a maximum height of four and one-half feet (4 ½') above the level of the parking lot, at the build-to line. This screening may be broken into sections along the street edge provided it meets the sixty (60%) percent required.

Sub-District Framework - COR2 Commercial

Public Realm / Streetscape

While the Commercial Sub-district encourages a mix of large and small floor plates accommodating auto-oriented uses, this suggests even greater attention be paid to public realm and streetscape improvements that not only accommodate vehicles, but also invite bicycle and pedestrian traffic. Surface parking lots provide convenient access to storefronts, but present an additional challenge to the overall visual character and aesthetic appeal of this area. While no large public parks are identified for this sub-district, small pocket parks, squares or other gathering spaces are encouraged. A consistent, attractive streetscape is also essential.

Site Development

Site Design Framework for this sub-district focus on a unique opportunity to recast typical commercial development patterns into a contemporary and innovative strategy that responds to overall objectives for The COR. Specifically, this suggests that the majority of buildings front on the primary through streets, with parking and service areas on the side or in the back, away from view. However, the market realities suggest that the types of auto-oriented users in this district will have the potential for larger parking fields and drive-throughs that will make a true urban model challenging. The City will hold all users to this design vision while modifying the COR2 standards slightly to accommodate these types of more typical suburban land uses. A mix of uses within individual blocks, including retail, restaurant and residential, further enhances this model, addresses design character/aesthetics and promotes activity throughout much of the day and evening hours.

Architecture

Buildings in the Commercial Sub-district make a significant contribution to first impressions of The COR. Buildings form gateways at the major entries into the site, architectural elements and choice of materials convey a certain character and the scale or massing of structures begins to define the feel or experience of this place. These are not just 'commodity' buildings, but instead should raise the bar in terms of overall design and specific details that make The COR unique, inviting and memorable. Architecture to be '4-sided' at all locations visible to public areas. Emphasis will be on great design along public street frontage.

Table 4

COR2 Development Standards						
	Arterial Street	Destination Street	Parkway	Connector Street	Downtown Street	Local Street
Minimum lot size	None	None	None	None	None	None
Minimum lot width	80 feet	80 feet	80 feet	80 feet	80 feet	80 feet
Minimum lot depth	100 feet	100 feet	100 feet	100 feet	100 feet	100 feet
Allowable residential density in dwelling units per acre ⁽¹⁾	>15 DU/AC	>15 DU/AC	>15 DU/AC	>15 DU/AC	>15 DU/AC	>15 DU/AC
Build to Line						
Front yard ⁽⁴⁾	30 feet as measured from building front to right-of-way ⁽²⁾⁽³⁾ (40% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (40% of front facade w/in max.)	30 feet as measured from building front to right-of-way ⁽²⁾⁽³⁾ (40% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (40% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (40% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (40% of front facade w/in max.)
Side yard	no req.	no req.	no req.	no req.	no req.	no req.
Rear yard	no req.	no req.	no req.	no req.	no req.	no req.
Driveway length (minimum)	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units
Building height (min. - max.)	1-4 stories.	1-4 stories.	1-4 stories.	1-4 stories.	1-4 stories.	1-4 stories.
Planter Style	N/A	Boulevard Sod	Boulevard Sod	Boulevard Sod	N/A	Boulevard Sod
Tree Spacing (on center)	N/A	35 feet	35 feet	35 feet	35 feet	35 feet
Boulevard Width	N/A	6 feet	6 feet	6 feet	N/A	6 feet
Sidewalk Width	10 feet	6 feet	6 feet	10 feet	10 feet	10 feet

1. Residential density is based on the net area of the parcel in question for parcels. In the event that public open space that is not dedicated to the City is developed independently of any particular residential project, the land area of the open space shall be divided equally among those abutting projects for purposes of density calculations.
2. Build to line shall be measured from building front to edge of right-of-way, or edge of sidewalk easement as defined by the City and said sidewalk must be encumbered by a sidewalk easement recorded with the office of the Anoka County Recorder.
3. The City may approve up to a 60-foot setback if it finds that topography or other factors require that a building be set back further to achieve acceptable grades or buffer between the street, the site entrance and the building.
4. In order to address vision clearance standards on higher speed roadways, parcels that are located at an intersection with an arterial roadway are allowed a build-to line of 35 feet from both streets.

- A. At least forty (40%) percent of street frontage of any lot shall be occupied by building facades meeting this build-to-line. On lots with more than one (1) street frontage, the build to line shall apply only to one (1) street frontage.
 1. An enclosed open area plaza space or outdoor seating with a decorative wall with a minimum height of three feet (3') and a maximum of four and one-half feet (4 ½') can be used to meet the forty (40%) percent street frontage requirement.
 2. The City may approve a variation from the required build to line if the applicant provides a street edge consisting of fencing, decorative wall and/or landscaping with a minimum height of three feet (3') and a maximum of four and one-half feet (4 ½') can be used to meet the forty (40%) percent street frontage requirement.
- B. Screening Of Parking Areas: Wherever a surface parking area faces a street frontage, such frontage shall be screened with a decorative wall, railing, hedge, or a combination of these elements, to a minimum height of three feet (3') and a maximum height of four and one-half feet (4 ½') above the

level of the parking lot, at the build-to line. This screening may be broken into sections along the street edge provided it meets the forty (40%) percent required on all street frontages.

Sub-District Framework - COR3 Workplace

Public Realm/Streetscape

The Workplace Sub-district also encourages a mix of large and small floor plate buildings, but instead of commercial or entertainment, this area of The COR is dominated by office and institutional uses. With opportunities for corporate or medical campus development comes the attendant auto-related infrastructure – easy access, bigger streets and large surface parking lots. Once again, this suggests that equal attention be paid to public realm and streetscape improvements that not only accommodate vehicles, but also invite bicycle and pedestrian traffic. The Draw, an active, neighborhood scale, recreational play space has been included in this sub-district, but small pocket parks, squares or other gathering places are also encouraged. In addition, streetscape improvements provide an important public amenity and inviting pedestrian connection to adjacent sub-districts.

Site Development

The mix of medical, office, institutional and other uses in this sub-district suggest the potential for a campus-like arrangement of buildings on some blocks. These blocks would tend to be more internally oriented than in other districts, with driveways, parking lots, courtyards and walkway connections in the center, ringed by buildings around the outside. Buildings would still face adjacent streets, with both primary and secondary entries provided to animate these important façades, particularly along Ramsey Boulevard, Sunwood Drive and Rhinestone Street. While the Workplace sub-district also encourages mixed use, this desired development objective will likely occur mostly within blocks, not within individual buildings as seen in other districts.

Architecture

Buildings in the Workplace Sub-district also make a significant contribution to first impressions as people enter The COR via Highway 10, Ramsey Boulevard and Sunwood Drive. Buildings form gateways at the major entries into the site, architectural elements and choice of materials convey quality and permanence, and the scale or massing of structures begins to define the feel and character of this place. The proposed mix of uses within this sub-district suggest a variety of potential building types – blending medical campus with small office, storefront and some housing -- demands design creativity and innovation to highlight unique architecture, and knit the entire sub-district together as a coherent whole. Architecture to be '4-sided' at all locations visible to public areas. Emphasis will be on great design along public street frontage.

Table 5

COR3 Development Standards						
	Arterial Street	Destination Street	Parkway	Connector Street	Downtown Street	Local Street
Minimum lot size	None	None	None	None	None	None
Minimum lot width	40 feet	40 feet	40 feet	40 feet	40 feet	40 feet
Minimum lot depth	80 feet	80 feet	80 feet	80 feet	80 feet	80 feet
Allowable residential density in dwelling units per acre ⁽¹⁾	none	none	none	none	none	none
Minimum floor area ratio (FAR) for nonresidential uses/vertically mixed buildings/sites	.25	.25	.25	.25	.25	.25
Build to Line						
Front yard ⁽⁴⁾	30 feet as measured from building front to right-of-way ⁽²⁾⁽³⁾ (60% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)
Side yard	no req.	no req.	no req.	no req.	no req.	no req.
Rear yard	no req.	no req.	no req.	no req.	no req.	no req.
Driveway length (minimum)	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units
Building height (min. - max.)	2 - 4 stories.	2 - 4 stories.	2 - 4 stories.	2 - 4 stories.	2 - 4 stories.	2 - 4 stories.
Planter Style	N/A	Planter Bed	Boulevard Sod	Boulevard Sod	N/A	Boulevard Sod
Tree Spacing (on center)	N/A	35 feet	35 feet	35 feet	35 feet	35 feet
Boulevard Width	N/A	6 feet	6 feet	6 feet	N/A	6 feet
Sidewalk Width	10 feet	10 feet	6 feet	10 feet	10 feet	10 feet

1. Residential density is based on the net area of the parcel in question for parcels. In the event that public open space that is not dedicated to the City is developed independently of any particular residential project, the land area of the open space shall be divided equally among those abutting projects for purposes of density calculations.
2. Build to line shall be measured from building front to edge of right-of-way, or edge of sidewalk easement as defined by the City and said sidewalk must be encumbered by a sidewalk easement recorded with the office of the Anoka County Recorder.
3. The City may approve up to a 60-foot setback if it finds that topography or other factors require that a building be set back further to achieve acceptable grades or buffer between the street, the site entrance and the building.
4. In order to address vision clearance standards on higher speed roadways, parcels that are located at an intersection with an arterial roadway are allowed a build-to line of 35 feet from both streets.

A. At least sixty (60%) percent of street frontage of any lot shall be occupied by building facades meeting this build-to-line. On lots with more than one (1) street frontage, the build to line shall apply on each side fronting a street. An enclosed open area plaza space or outdoor seating with a decorative wall with a minimum height of three feet (3') and a maximum of four and one-half feet (4 ½') can be used to meet the sixty (60%) percent street frontage requirement.

B. Screening Of Parking Areas: Wherever a surface parking area faces a street frontage, such frontage shall be screened with a decorative wall, railing, hedge, or a combination of these elements, to a minimum height of three feet (3') and a maximum height of four and one-half feet (4 ½') above the level of the parking lot, at the build-to line. This screening may be broken into sections along the street edge provided it meets the sixty (60%) percent required.

Sub-District Framework - COR4 Neighborhood

Public Realm/Streetscape

Two prominent public parks supply much of the informal green space for The COR, and more specifically, provide the valuable park frontage and mix of amenities needed to support housing development within the Neighborhood Sub-district. North Commons surrounds an existing wetland and provides open space for year-round activities including a proposed sledding hill. The sub-district is adjacent to The Draw, which is characterized by wetlands, ponds and a meandering stream channel surrounded by gently sloping hills. Other park features include active and passive recreation areas, natural and manicured landscapes, education and interpretation opportunities, pedestrian and bicycle trails and many other amenities. Tree-lined streets connect these parks to surrounding residential neighborhoods and to nearby parks and amenities throughout The COR.

Site Development

The Neighborhood Sub-district emphasizes residential development. To support the proposed mix of housing, a framework of streets and blocks, based on the traditional grid system, encourages compact development patterns with increasing densities closer to the heart of The COR. Typical blocks either front onto signature parks or include some private green space within the site; many blocks have both. The arterial streets that frame this property, including Ramsey, Armstrong and Bunker Lake Boulevards, provide an important 'face' for this sub-district. Residential front doors will connect with public walks along each of these streets promoting the urban character of The COR.

Architecture

The largest in terms of overall acreage, the Neighborhood Sub-district will define the character and quality of the entire northern half of The COR property. With prominent street frontage along most of the major thoroughfares that serve this site, the variety of choices for building type, architectural style and design detailing are crucial decisions that together will promote a safe and attractive residential neighborhood. Integrating contemporary and traditional styles is also an important consideration, central to the notion that a unique and creative model for housing development will be a signature for The COR. Architecture to be '4-sided' at all locations visible to public areas. Emphasis will be on great design along public street frontage.

Table 6

COR4 Development Standards						
	Arterial Street	Destination Street	Parkway	Connector Street	Downtown Street	Local Street
Minimum lot size	None	None	None	None	None	None
Minimum lot width	20 feet	20 feet	20 feet	20 feet	20 feet	20 feet
Minimum lot depth	80 feet	80 feet	80 feet	80 feet	80 feet	80 feet
Allowable residential density in dwelling units per acre ⁽¹⁾	4-15 DU/AC	4-15 DU/AC	4-15 DU/AC	4-15 DU/AC	4-15 DU/AC	4-15 DU/AC
Minimum floor area ratio (FAR) for nonresidential uses/vertically mixed buildings/sites	.25	.25	.25	.25	.25	.25
Build to Line						
Front yard ⁽⁴⁾	30 feet as measured from building front to right-of-way ⁽²⁾⁽³⁾ (60% of front facade w/in max.)	20 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	20 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	20 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	20 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	20 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)
Side yard	no req.	no req.	no req.	no req.	no req.	no req.
Rear yard	no req.	no req.	no req.	no req.	no req.	no req.
Driveway length (minimum)	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units
Building height (min. - max.)	1-4 stories.	1-4 stories.	1-4 stories.	1-4 stories.	1-4 stories.	1-4 stories.
Planter Style	N/A	Planter Bed	Boulevard Sod	Boulevard Sod	N/A	Boulevard Sod
Tree Spacing (on center)	N/A	35 feet	35 feet	35 feet	35 feet	35 feet
Boulevard Width	N/A	6 feet	6 feet	6 feet	N/A	6 feet
Sidewalk Width	10 feet	10 feet	6 feet	10 feet	10 feet	10 feet

1. Residential density is based on the net area of the parcel in question for parcels. In the event that public open space that is not dedicated to the City is developed independently of any particular residential project, the land area of the open space shall be divided equally among those abutting projects for purposes of density calculations.
2. Build to line shall be measured from building front to edge of right-of-way, or edge of sidewalk easement as defined by the City and said sidewalk must be encumbered by a sidewalk easement recorded with the office of the Anoka County Recorder.
3. The City may approve up to a 60-foot setback if it finds that topography or other factors require that a building be set back further to achieve acceptable grades or buffer between the street, the site entrance and the building.
4. In order to address vision clearance standards on higher speed roadways, parcels that are located at an intersection with an arterial roadway are allowed a build-to line of 35 feet from both streets.

A. Screening Of Parking Areas: Wherever a surface parking area faces a street frontage, such frontage shall be screened with a decorative wall, railing, hedge, or a combination of these elements, to a minimum height of three feet (3') and a maximum height of four and one-half feet (4½') above the level of the parking lot, at the build-to line. This screening may be broken into sections along the street edge provided it meets the sixty (60%) percent required.

Sub-District Framework - COR5 Parks & Open Space

Public Realm/Streetscape

The overall structure of The COR is based on a system of linked parks, trails and open space. This includes existing and proposed parks and trails defined in city and regional parks plans, joined with new parks and trails within The COR. Of equal importance is the contribution from each block and each development project to this green structure, adding a variety of private, semi-private and perhaps some additional public space throughout each sub-district. Great strolling streets provide connections between commercial, workplace, entertainment and residential neighborhoods and encourage shared use for cars, pedestrians and bicycles.

Site Development

The COR Master Plan illustrates a strong framework of green space, including a mix of public parks, destination amenities, courtyards, commons and other features. As a key component of the overall plan, this integrated system of parks, trails and open space provides the framework around which all other land uses are organized. Placemaking and connectivity are important site development considerations, linking each block and each sub-district with major public spaces nearby and with many other amenities and attractions in The COR.

Architecture

There are numerous opportunities to include buildings and other structures as significant design features within the proposed parks, trails and open space system for The COR. These could range from simple picnic shelters and landscaped arbors to more complex park buildings that might contain meeting rooms, rest rooms, storage areas and other facilities. Design of these important buildings should respond to the specific setting and landscape features in each park, and complement the overall character and quality of buildings located within surrounding blocks. Additionally, limited retail is planned along the perimeter of the park.

Table 7

COR5 Development Standards						
	Arterial Street	Destination Street	Parkway	Connector Street	Downtown Street	Local Street
Minimum lot size	0.5	N/A	0.5	0.5	0.5	0.5
Minimum lot width	N/A	N/A	N/A	N/A	N/A	N/A
Minimum lot depth	N/A	N/A	N/A	N/A	N/A	N/A
Allowable residential density in dwelling units per acre ⁽¹⁾	N/A	N/A	N/A	N/A	N/A	N/A
Minimum floor area ratio (FAR) for nonresidential uses/vertically mixed buildings/sites	N/A	N/A	N/A	N/A	N/A	N/A
Build to Line						
Front yard ⁽⁴⁾	30 feet as measured from building front to right-of-way ⁽²⁾⁽³⁾ (60% of front facade w/in max.)	N/A	10 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	10 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	10 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	10 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)
Side yard	no req.	N/A	no req.	no req.	no req.	no req.
Rear yard	no req.	N/A	no req.	no req.	no req.	no req.
Driveway length (minimum)	25 feet	N/A	25 feet	25 feet	25 feet	25 feet
Building height (min. - max.)	1-2 stories.	N/A	1-2 stories.	1-2 stories.	1-2 stories.	1-2 stories.
Planter Style	N/A	N/A	Boulevard Sod	Boulevard Sod	N/A	Boulevard Sod
Tree Spacing (on center)	N/A	N/A	35 feet	35 feet	35 feet	35 feet
Boulevard Width	N/A	N/A	6 feet	6 feet	N/A	6 feet
Sidewalk Width	10 feet	N/A	6 feet	10 feet	10 feet	10 feet

1. Residential density is based on the net area of the parcel in question for parcels. In the event that public open space that is not dedicated to the City is developed independently of any particular residential project, the land area of the open space shall be divided equally among those abutting projects for purposes of density calculations.
2. Build to line shall be measured from building front to edge of right-of-way, or edge of sidewalk easement as defined by the City and said sidewalk must be encumbered by a sidewalk easement recorded with the office of the Anoka County Recorder.
3. The City may approve up to a 60-foot setback if it finds that topography or other factors require that a building be set back further to achieve acceptable grades or buffer between the street, the site entrance and the building.
4. In order to address vision clearance standards on higher speed roadways, parcels that are located at an intersection with an arterial roadway are allowed a build-to line of 35 feet from both streets.

A. Where commercial buildings are planned, at least sixty (60%) percent of street frontage of any lot shall be occupied by building facades meeting this build-to-line. On lots with more than one (1) street frontage, the build to line shall apply on each side fronting a street. An enclosed open area plaza space or outdoor seating with a decorative wall with a minimum height of three feet (3') and a maximum of four and one-half feet (4 ½') can be used to meet the sixty (60%) percent street frontage requirement.

B. Screening Of Parking Areas: Wherever a surface parking area faces a street frontage, such frontage shall be screened with a decorative wall, railing, hedge, or a combination of these elements, to a minimum height of three feet (3') and a maximum height of four and one-half feet (4 ½') above the level of the parking lot, at the build-to line. This screening may be broken into sections along the street edge provided it meets the sixty (60%) percent required.

Implementation

Introduction

This framework provides distinct strategies for guiding The COR's form and appearance. This framework's vision for the COR will take several years to implement. Successful implementation will require consistent application of the Design Framework by City staff. Zoning enforcement and design framework standards will not succeed without the cooperation and commitment of landowners, development interests, and the rest of the community.

Design Review

The Design Framework will be administered by staff as part of the development review process. Staff will incorporate design review to ensure compliance with the Design Framework as a standard step in the development review process.

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APPENDIX A: SPECIFICATIONS AND DETAILS

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Appendix A: Specifications and Details

Design Framework – The COR

Purpose

The primary purpose of Design Framework is to set basic parameters, describe preferences and illustrate design intent. These framework standards serve as a framework within which creative design can and should occur – there is no one solution, but many options that meet the basic requirements of this document.

Application

The format and content of this framework are specifically tailored for use as a supplement to the Zoning Ordinance. This document is organized into two sections. The first section outlines issues and recommendations that apply to the entire COR. The second section highlights specific framework that apply to each sub-district within The COR. The City of Ramsey has adopted Development Plan 5.03 as the Master Plan for The COR. This master plan provides illustrative guidance for building locations and orientation. Any changes to this approved master plan must be reviewed and approved by the City Council as part of the development application. This Development Plan will be updated by the City as changes are approved.

Implied Responsibility

All participants in the development of The COR recognize the local and regional impacts of this project and the various systems that play an important role. Each parcel and each building must fit within the context of the entire plan. Individual projects must complement, not compete with, adjacent development in terms of public green space, walk and trail connections, stormwater management solutions, street layout, parking strategies, land use mix and building design.

Part One: Overall Framework

There are a number of framework standards that apply to the entire COR, including recommendations for stormwater management, parks, streets, land use, parking, transit and other development components. Many of these overall COR framework standards overlap, or are integrated with one another. For ease of discussion they are categorized according to the same list of 'layers' that formed the basic structure for the Master Framework:

- Context – local, city, regional
- Street Hierarchy--access, circulation, arrangement
- Streetscape—preferred design, location
- Parking -- quantity, location, type
- Building Design-- preferred uses, horizontal/vertical mixed use, built form, character of development
- Signage—design, location, quantity, type
- Stormwater Management-- surface water features, stormwater management
- Parks/Public Spaces – parks, trails and open space

It is essential that proposed design solutions for development projects and other improvements within The COR demonstrate an understanding of the interplay between these layers.

Overall Framework - Context

Overview

The COR is a unique area within the City; but it is a part of, and connected with, a variety of local, city-wide and regional systems. Each development project, whether a single building, one lot, or a series of blocks, must provide reasonable links to these systems as a primary design objective.

Guideline Recommendations

To ensure that The COR takes full advantage of local and regional systems, development should:

- Provide safe, easily recognized connections to city, county and state trail corridors
- Make provisions for city and regional transit service and amenities (including the Northstar Line) and encourage their use
- Tie into, and improve, the Ramsey utility network
- Integrate with and complement the existing (and future) street framework
- Become an integral part of the city and county drainage/stormwater management plan

Objectives

- Overall COR design (and all new private development within The COR) will accommodate stormwater from new projects and from off-site, and highlight stormwater features as an amenity
- Bikeways and pedestrian routes into The COR from adjacent neighborhoods must be designed for safety and ease of access, suggesting that a person on a bicycle has an equally accessible route to downtown.
- Parks and open space will be easily accessible to all COR residents, visitors, people who work here and also for the citizens of Ramsey and the surrounding area. This connected green system is reminiscent of the world renowned 'Grand Rounds' of Minneapolis.

- DEVELOPMENT STATUS**
- EXISTING DEVELOPMENT
 - PROPOSED DEVELOPMENT
 - ACTIVE DEALS
 - UNDER CONTRACT
 - COMPLETED

ACCESS

- EXISTING SIGNALIZED INTERSECTION
- FUTURE SIGNALIZED INTERSECTION
- FULL INTERSECTION
- NO LEFT OUTBOUND MOVEMENTS
- PARKING RAMP

TRAFFIC INFORMATION

ADT INFORMATION TAKEN FROM 2009 ACTUAL COUNTS AND 2030 PROJECTED VOLUMES



DEVELOPMENT PLAN 6.1

09/06/2012

LANDFORM AND SITE PLAN - THE COR (AMENDMENT #1) - RAMSEY, MINNESOTA, LLC

Overall Framework – Street Hierarchy

Overview

The Development Master Plan defines a specific strategy for the layout of streets and blocks within, and around The COR. The size, type and configuration of this street hierarchy (See Figure 1: Street Hierarchy) is based on a combination of projected traffic volume, level of service at intersections, proposed adjacent land use (destination commercial, residential, civic, recreation, etc.) and desired aesthetic character.

Great streets are essential components of an attractive and inviting public realm. These guidelines promote a street system that balances pedestrian and vehicular use. Providing streets that support traffic flow is important, but also creating ample space for street-side activities, strolling promenades, pockets of green and other amenities is critical to the success of The COR. Streets will promote convenient access by car – to storefronts, to parking lots and ramps, to entertainment attractions – but will also encourage foot traffic as a primary way to move about and conduct business in the core area.

Guideline Recommendations

The proposed street and block pattern reflects a compact urban character, not allowing dead end streets or cul-de-sacs, in favor of a traditional grid pattern and connected streets including the following:

- Provide a street network that distributes pedestrian and vehicular traffic throughout the various districts in The COR and encourages a more dispersed and less congested traffic flow (many choices or travel paths).
- Provide a clear hierarchy of streets resulting in a simple and understandable system for movement – easy access and convenient circulation throughout The COR.
- Work with Anoka County to convert primary perimeter streets (arterials such as Ramsey, Armstrong and Bunker Lake Boulevards) to urban street sections, providing sidewalks and street trees to replace roadside ditches.
- Promote improvements that invite pedestrian and bicycle use including wide sidewalks, streetscape amenities and designated bicycle trails (both on and off-street).



Objectives

Creative design solutions for public realm improvements should reflect these basic street classifications (street hierarchy) including:

- Arterial street – these streets provide the boundary of The COR and all access into The COR will be from one of these three streets:
 - Bunker Lake Boulevard
 - Armstrong Boulevard
 - Ramsey Boulevard
- Destination street – signature addresses for shopping, entertainment, services, work place and other primary amenities
 - Sunwood Drive



- Parkway – premier ‘green streets’ adjacent to primary public park / green space, with more landscaping than other streets in The COR
 - Ramsey Parkway
 - Center Street (north of the roundabout)
- Connector street – primary routes that link various districts within The COR, usually providing the most direct means of getting from point A to point B
 - Rhinestone Street
 - Zeolite Street
 - Veterans Drive
- Downtown street – the most urban of street sections where high pedestrian traffic is intended and traffic calming measures such as on street parking, bump outs and other methods will be employed
 - Center Street (south of the roundabout)
 - Sapphire Street (north of Sunwood)
 - Other streets as shown on the Street Hierarchy Map
- Local street – neither destination nor primary connector routes, these streets provide much of the rest of the street grid throughout The COR.



These street hierarchy classifications are intended to provide guidance regarding the streetscape, but it should be noted that within a street classification, there may be construction or design distinctions, based on the sub-district classification. For example, Sunwood Drive is defined as a destination street throughout The COR, but the design may be different between the COR1 and COR2 sub-districts. The Master Streetscape Map will provide design direction.



Figure 1: Street Hierarchy Map

Transit Overview

The COR is designed to be a Transit Oriented Development (TOD) in a variety of ways that go beyond providing a walkable public realm and connected street grid. The Master Plan also includes a multimodal transit station, with dedicated commuter parking, integrated with other uses at the heart of the retail, restaurant and entertainment district. This station functions as a hub where local circulator transit comes together with regional transit service and the Northstar Corridor. The COR is the Twin Cities' first and only transit-oriented development along the new Northstar Commuter Rail Line. Ramsey Station at The COR will open for riders boarding the train in November 2012. As Northstar's most visible station, The COR will immediately bolster the ridership on the line and continue to build recognition for this regional service.



Transit components include the following:

- Ramsey Star Express service provides peak period, peak direction bus service between downtown Minneapolis and Ramsey until the Northstar Commuter Rail station stop is complete
- Northstar Commuter Rail provides train service between Big Lake and downtown Minneapolis
- 350 park and ride parking spaces are provided for commuters adjacent to the transit station
- Pedestrian and bicycle connections are emphasized in the Master Plan as major links between the transit station, various districts within The COR and into the surrounding neighborhoods
- The COR can accommodate Metro Mobility, citywide circulator bus or town trolley connections as part of local and regional service to the transit station



The COR also encourages developers to participate in a Travel Demand Management (TDM) program to both assist and encourage residents and visitors to take advantage of the various modes available for their commuting and travel needs. The TDM program draws from incentives and services available through Anoka County and Metro Commuter Services that match riders with carpools and vanpools, provide discounted transit passes and manage work hours among other functions.

- Developers shall submit a TDM plan with their site plan application for new development and work with the City to implement their plans.

Transit Guideline Recommendations

Transit is an important component of the overall plan, with expectations for more ridership, using a greater range of transit options as they become available. More people, together with the mix of activities and amenities in The COR, encourages better designed, better connected transit service. It is a shared responsibility between city, county and developer to promote transit use, with both policy and bricks-and-mortar attention to the following framework:

- Understand and take advantage of opportunities to use existing and proposed transit components

- Provide transit related facilities specifically linked to uses and character within each COR district, including signage and lighting for way-finding and bicycle amenities
- Building future Northstar Commuter Rail riders through the Ramsey Star Express bus service

Transit Objectives

The primary objective is to provide a balance of transit service, bicycle and pedestrian connections and lanes to move traffic. The framework for The COR promotes public transportation as part of the solution and suggests a variety of street improvements and other amenities to invite increased use. Photographs throughout the framework suggest some of the many possibilities.

Overall Framework - Streetscape

Overview

The Master Plan defines a specific strategy for the layout of streets and blocks within and around The COR. The amenities within the public right-of-way -and immediately adjacent -play an important role in the aesthetics of The COR. Great streets are essential components of an attractive and inviting public realm. Developing a streetscape that is comfortable and inviting to pedestrians is important to realizing the vision for The COR. The framework will encourage interesting and inviting places for the public.

The Streetscape framework defines the visual character and physical improvements for all public spaces within The COR. The document also provides the general framework and examples for design of proposed quasi-public and private space located within each development parcel.

Public realm/streetscape framework focus on the following elements:

- Parks, plazas and other public gathering spaces
- Street/sidewalk character and streetscape elements
- Bicycle/pedestrian connections (on-street and off-street)
- Residential courts, pocket parks and other private green space



The goal is to foster a safe and interesting public realm that will invite pedestrian activity, promote traffic calming, increase transit use and encourage community gathering. Street trees, lighting and decorative fencing provide the backbone for streetscape improvements. Added detail, such as special pavements, street furniture, public art and layered plantings will highlight specific nodes or uses. The City has developed a series of street cross -sections to illustrate these design expectations. Typical street sections are provided in Appendix A as a reference.

Destination and Connector streets must balance a high level of service for the automobile with attractive and inviting amenities for the pedestrian including:

- Provide gracious sidewalk width to support intensity of pedestrian traffic in the core
- Install street trees to frame the street and provide shade
- Provide street lighting that meets all safety standards and design criteria, while creating a signature character for this district
- Explore a range of options for streetscape improvements including special pavements, interesting concrete tinting or scoring patterns, additional plantings, ornamental fencing and other features (note, however, that simpler is better and too much clutter is a negative)



The COR includes a network of bicycle/pedestrian trails and walkways (both on and off-street) that connect adjacent sub-districts to the Mixed Use Core. As you approach the core, these connections tend to become part of the shared right of way along the major streets, or become part of the urban park spaces. Bicycle riders may choose to share the street with vehicular traffic, or dismount and walk their bicycles along with the other pedestrians using the sidewalks. Providing and maintaining these bicycle and pedestrian connections should be a key component for all development projects in the core.



Figure 2: Master Lighting Plan

Guideline Recommendations

The proposed street and block pattern reflects a compact urban character, including the following:

- Bike racks interspersed throughout The COR to encourage cycling as an alternative mode of transportation.
- Benches on the public sidewalks to encourage people to linger in The COR
- Trees and planters along the streets to create an inviting space
- Wide sidewalks and both on- and off-street bicycle trails
- Kiosks and other way finding tools for visitors and residents in The COR
- Outdoor dining is encouraged on the street side of buildings within all districts.
- Public plaza space is strongly encouraged to be located adjacent to the streets



Objectives

Creative design solutions for streetscape improvements should include:

- Streetscape improvements that provide traffic calming, particularly along Destination and Downtown streets
- Inviting streets that draw you into and through The COR
- A marriage of building design and streetscape design that encourages active spaces near the streets



Street Trees and Plantings

Street trees and planter boxes are a critical element in the unique character of The COR and will be used to help distinguish between different street types and sub-districts within The COR. However, there may be variety within the same street when the street crosses into sub-districts.

- Street trees will be chosen to ensure that the species allow for clear pedestrian access along the streets and require minimal maintenance.
- Along Destination, Downtown, Parkway and Local streets, where regularly spaced blocks exists, one (1) tree species shall be provided per block. In order to provide variety and protect against disease, adjacent blocks shall not be allowed the same street tree. Initial development along a block shall establish the tree species for that block, subject to City review and approval.
- Along streets without regular block space or longer blocks, such as Connector and Arterial streets, the City may approve groupings of 3-6 trees of one (1) species in lieu of the regular block spacing.
- Alternatives to the above mentioned planting plan shall be subject to review and approval by the City Council.

Destination Street Trees:

- Autumn Blaze Maple (*Acer x freemanii* 'Jeffersed')
- Bicolor Oak (*Quercus bicolor*)
- Sienna Glenn Maple (*Acer x freemanii* 'Sienna')
- Skyline Honeylocust (*Gleditsia triacanthos var. inermis* 'Skyline')
- Ginko (*Ginkgo biloba*)
- Accolade Elm (*Ulmus x 'Accolade'*)

Parkway Street Trees:

- Valley Forge Elm (*Ulmus americana* 'Valley Forge')
- Bitternut Hickory (*Carya cordiformis*)
- Siouxlant Poplar (*Populus deltoides* 'Siouxlant')
- Sienna Glen Maple (*Acer x freemanii* 'Sienna')
- Boulevard Linden (*Tilia americana* 'Boulevard')
- Northern Catalpa (*Catalpa speciosa*)
- Spring Snow Crabapple (*Malus* 'Spring Snow')
- Kelsey Crabapple (*Malus* 'Kelsey')
- Korean Mountain Ash (*Sorbus alnifolia*)
- Ohio Buckeye (*Aesculus glabra*)
- Ginkgo (*Ginkgo biloba*)

Connector Street Trees:

- Bicolor Oak (*Quercus bicolor*)
- Northern Red Oak (*Quercus rubra*)
- Princeton Elm (*Ulmus americana* 'Princeton')
- Accolade Elm (*Ulmus x 'Accolade'*)
- Autumn Blaze Maple (*Acer x freemanii* 'Jeffersed')
- Skyline Honeylocust (*Gleditsia triacanthos* var. *inermis* 'Skyline')
- Kentucky Coffeytree (male) (*Gymnocladus dioicus*)
- River Birch (single stem) (*Betula nigra*)
- Black Alder (*Alnus glutinosa*)
- Black Cherry (*Prunus serotina*)
- Spring Snow Crabapple (*Malus* 'Spring Snow')
- Kelsey Crabapple (*Malus* 'Kelsey')
- Japanese Tree Lilac (*Syringa reticulate*)
- Thornless Cockspur Hawthorne (*Crataegus crus-galli* var. *inermis*)

Downtown Street Trees:

- Princeton Elm (*Ulmus americana* 'Princeton')
- Accolade Elm (*Ulmus x 'Accolade'*)
- Autumn Blaze Maple (*Acer x freemanii* 'Jeffersed')
- Skyline Honeylocust (*Gleditsia triacanthos* var. *inermis* 'Skyline')
- Kentucky Coffeytree (male) (*Gymnocladus dioicus*)
- River Birch (single stem) (*Betula nigra*)
- Black Alder (*Alnus glutinosa*)
- Black Cherry (*Prunus serotina*)
- Spring Snow Crabapple (*Malus* 'Spring Snow')
- Kelsey Crabapple (*Malus* 'Kelsey')
- Japanese Tree Lilac (*Syringa reticulate*)
- Thornless Cockspur Hawthorne (*Crataegus crus-galli* var. *inermis*)

Local and Arterial Street Trees:

Local and Arterial Street trees may be chosen from any species on the above lists.

Planter Beds/Boxes/Tree Grates

- Planter beds, tree grates and planters shall be as shown on the Streetscape Master Plan. Details and specification shall be added to Appendix A as developed and approved by the City. Appendix A shall be amended as needed.
- Irrigation shall be provided to ensure survival of plant materials. The City shall provide irrigation systems along the Parkway and Destination streets. Unless otherwise approved, all other irrigation shall be the responsibility of the landowner.

Street Furniture

Bike racks, trash enclosures and benches are encouraged on all streets, but will be required on Destination, Connector and Parkways and other streets as shown conceptually on the Streetscape Master Plan.

Bike racks shall be the standard bike rack (see Appendix A for specifications).

Trash enclosures shall be the standard trash enclosures (see Appendix A for specifications).

Benches shall be the standard bench (See Appendix A for specifications).

Benches shall be grouped in twos that face each other and provide an opportunity for an outdoor conversation space.

Alternative bike rack, trash enclosures and bench designs will be considered on a case-by-case basis. The City will review alternative designs as part of the site plan review and will evaluate these alternatives based on the following:

- Does the design maintain the character of the district?
- Does the alternative design maintain the quality of the standard feature?
- Does the design provide a relationship between the public elements of the streetscape and the building that would not otherwise be possible?



Sidewalks and Boulevard

In the design framework, the term “boulevard” is defined as “the space between the sidewalk and the curb.” The boulevard area provides the required space for public features such as street lights, benches, fire hydrants, street signs, etc. The boulevard will have different characteristics based on the street hierarchy.

The street width and layout within different zones may affect the ability of a particular development to provide the minimum boulevard width and the minimum sidewalk width within the existing public right-of-way. In those cases, the landowner shall provide a permanent public easement over the portion of the sidewalk that is located on private property.

Street Lights

Street lights are owned and installed by Connexus Energy. The streetlight design was developed in conjunction with the City of Ramsey and Connexus (See Figure 2: Master Lighting Plan). The standard street lights are designed to accommodate banner arms should banner signage be desired. The banner arms should be the manufacturer's standard break-away banner arms to ensure safety and minimize maintenance costs. Connexus provides street light maintenance for the City. Connexus bills the City of Ramsey for the cost of installation and maintenance.

The choice of street light was intended to emphasize the pedestrian scale of The COR. Light poles within the public right-of-way should be planned to accommodate banners, flowers, hanging artwork and electrical outlets.

There are three (3) different streetlight types within The COR:

- 24-foot high poles at intersections
- 14-foot high poles at mid-block
- 12-foot high poles at The Draw



The City will ensure that the appropriate streetlights are installed on all public streets as described by the Design Framework. Private developers shall provide parking lot or other project lighting that retains these design objectives. All lighting shall comply with City Code performance standards for lighting. All lighting shall be reviewed by City staff to ensure compliance with the Design Framework and City Code standards described above.

Standards for Outdoor Dining.

Outdoor dining is encouraged as an attractive addition to a pedestrian- and retail-friendly, vital COR. Such dining is encouraged subject to the standards in Section 117-118 of the Zoning Ordinance.

Overall Framework - Parking

Overview

Balancing the realities of car-related necessities (streets, parking and so on) with future transit service and the desired character of The COR is a significant challenge. The goal is to provide adequate parking; both quantity and location, while promoting new strategies that support the overall needs of The COR. Parking will be provided through a combination of on street spaces, off-street surface lots, underground lots and structured ramps to support the mix of uses at the core.

Parking structures should contribute to the overall character and image of The COR. Ramp design should include elements, colors and materials that reflect, or complement surrounding buildings. Liner stores or other street level uses should be integrated into ramp design along important street frontages. The City also encourages developers to wrap the ramp with multi-story uses that will provide commercial and residential opportunities and help to define the street edge.

Guideline Recommendations

Parking guidelines encourage the following:

- Locate surface parking lots away from the major streets, either behind or to the side of primary buildings; surface parking lots along major street frontage are not allowed in the core area
- Minimize surface parking lots in favor of other solutions including underground parking to serve residential buildings, on-street parking to serve retail shops and parking ramps
- Provide a combination of fencing, landscaping and landform to screen parking areas from major streets and important views, soften parking area edges, provide shade, integrate native plantings, offset islands and reduce to 'sea of parking' image
- Create strategies for shared parking between adjacent uses, taking advantage of peak and off-peak cycles, business hours, nighttime activities, special events and other needs
- Provide alternative surfaces for secondary (less frequently used) parking areas including porous pavements, green pavements and so on
- Provide facilities or services that respond to and connect with future transit to reduce required parking, including shuttle/circulator bus, bicycle lockers
- Provide flexibility including hours for on-street parking, security and enforcement practices, permit or metering
- Provide parallel parking on both public and private streets throughout The COR, to add parking and create a traffic calming, pedestrian buffer; Bumpouts are encouraged as a traffic calming measure on all streets within the COR.
- Explore options to integrate stormwater management requirements into parking area design
- Provide parking spaces for typical daily use, satisfying both quantity and location needs through a mix of on street, small surface lot, underground and ramped parking solutions
- Provide options for additional/overflow parking to support holiday traffic and special events including porous pavements, turf parking areas (Netlon and other soil amendments) or shuttle service from nearby parking areas
- Encourage shared parking solutions that target around the clock shifts in destination, audience or take advantage of peak/off-peak hours of operation for various uses within the core area

- Promote municipal parking ramps as the primary facility to meet public parking needs within the core area
- Discourage driveway access to parking facilities along Arterial, Destination and Parkway streets, in favor of side streets.

Objectives

The primary objective is to provide a balance of surface lots, on-street and structured parking, with ample quantities and close proximity to serve the mix of uses in The COR. The Design Framework anticipates the construction of a total of 3 parking structures in COR1 to serve the needs of the area by providing structured parking that can be shared among users, allow developers to maximize the development on each individual lot.

As discussed later in this section, sizing and timing of the structured parking will be finalized as the area develops and parking demand grows. In addition to providing adequate space, excellent design is a major factor as well. The framework for The COR encourages creativity, innovation, quality and attention to detail in every aspect of project development, including parking solutions. Photographs throughout the Design Framework suggest some of the many possibilities.



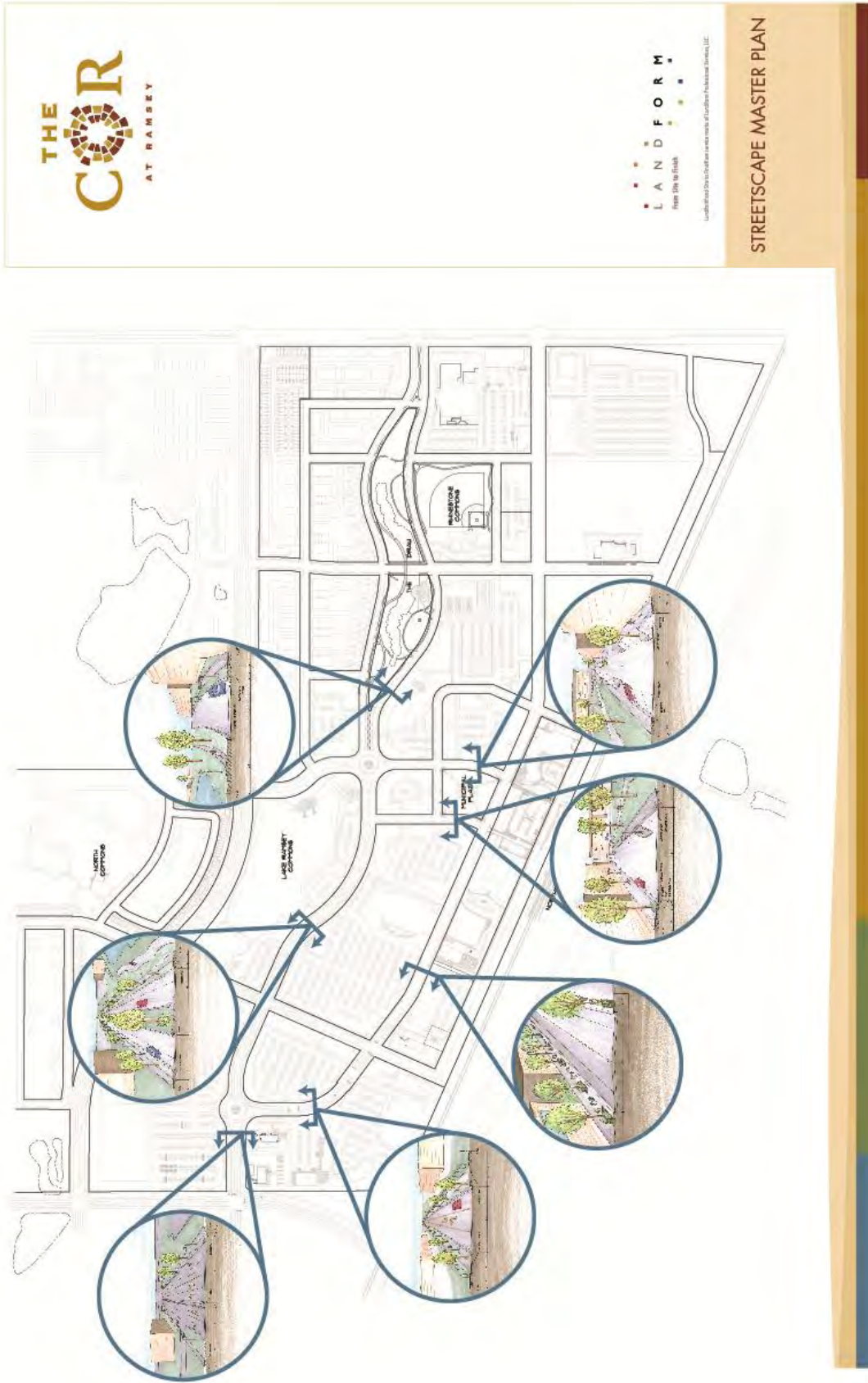


Figure 3: Streetscape Master Plan

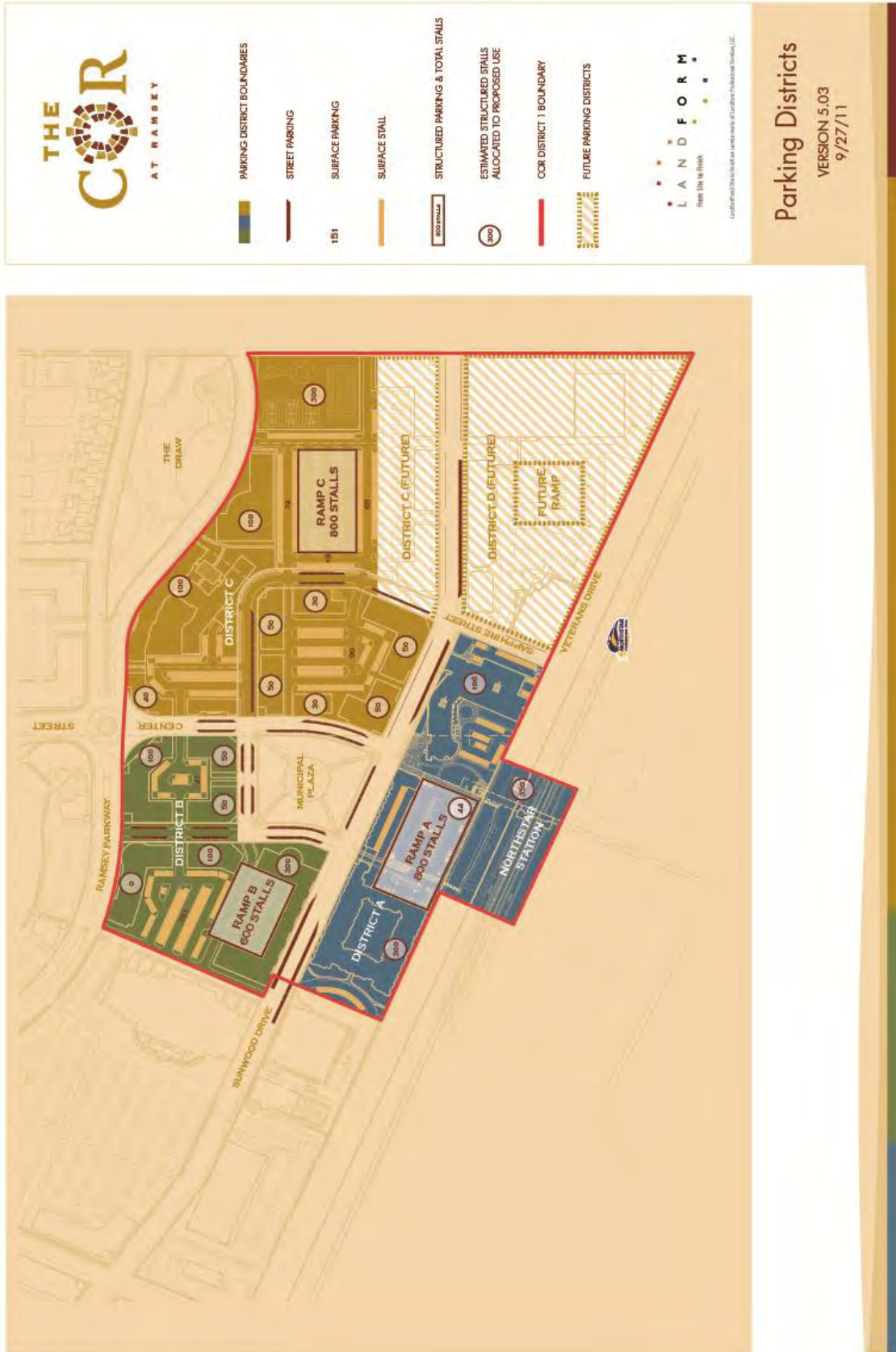
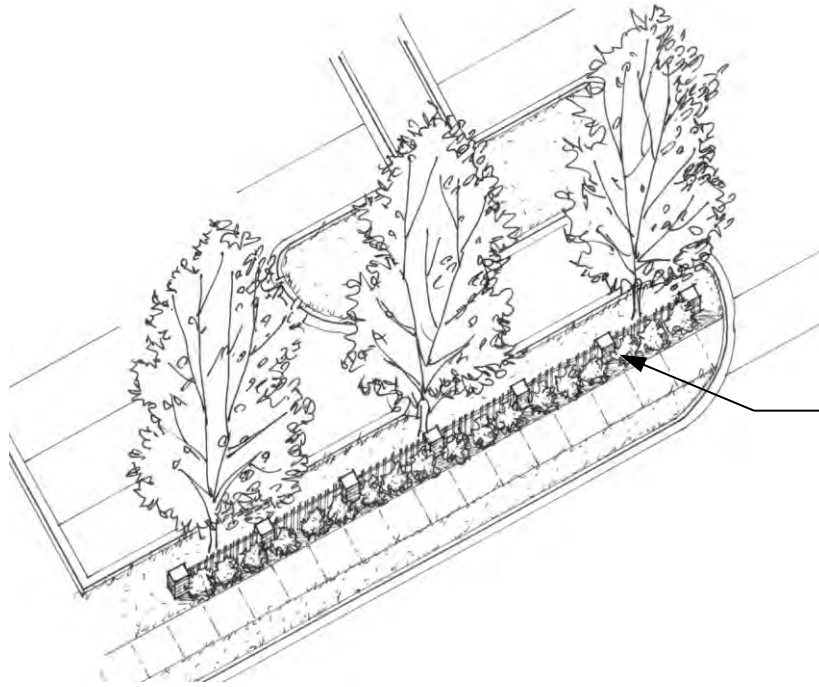


Figure 4: Parking District Map

Minimum Standards

Parking in The COR is intended to be shared to the greatest extent practicable in all mixed-use areas. The parking standards are intended to provide a practical basis for providing adequate parking within the COR District through a careful analysis of uses, shared parking arrangements, use of public street parking and reduction allowances for the proximity to the transit station. A parking plan has been prepared to identify the planned number, location, sharing arrangements and public use (see Figure 3: Streetscape Master Plan and Figure 4: Parking District Map). The parking plan provides information that can be used to help address longer term parking arrangements where the possibility of use conversion or building expansion exists. Parking shall be provided under any of the following arrangements:

- A. No parking shall be located between the front of the principal structure and the street on parcels abutting Destination and Downtown streets in COR1.
- B. Not more than fifty (50%) percent of the parking shall be located in front of the principal structure and the street on parcels abutting Arterial, Parkway, Connector and Local streets.
 1. In the COR2 district, developments may be allowed more than fifty (50%) percent parking in the front yard, provided all other design standards have been met, including the use of a wall, railing, hedge or combination to create a street edge and screen parking.
- C. Wherever a surface parking area faces a street frontage, such frontage shall be screened with a decorative wall, railing, hedge, or a combination of these elements, to a minimum height of three feet (3') and a maximum height of four and one-half feet (4¹/₂') above the level of the parking lot, at the build-to line required for the property. The amount of required screening may vary by sub-district and street frontage and is described in Part Two of this document.



Landscaped edge that combines fence with trees, low shrubs and ground cover for parking lot screening and buffering along sidewalk to screen parking

- D. No parking spaces shall be located on corner lots at the point of street intersections.
- E. Shared parking in COR1 will be accomplished through a Parking Use and Maintenance Agreement (PUMA).
- F. Off-street parking in the COR2 and COR3 sub-districts shall be secured for public use through parking easements and other appropriate conveyances. Shared parking arrangements between nearby uses are encouraged in both sub-districts.
 - 1. The City may approve joint parking for one or more businesses where the total number of parking stalls provided for joint use is less than the sum of the total required for each business should they provide them separately. The applicant must demonstrate the feasibility of the arrangement in a written report. Such a permit shall not be granted except when the following conditions are found to exist:
 - i. Proximity. The building or use for which application is being made to utilize the off-street parking facilities provided by another building or use shall be located within three hundred (300') feet of such parking facilities, excluding public rights-of-way.
 - ii. Conflict in Hours. The applicant shall demonstrate in documented fashion that there is no substantial conflict in the principal operating hours of the two (2) buildings or uses for which joint use of off-street parking facilities is proposed.
 - iii. Written Consent and Agreement. A legally binding instrument, executed by the parties concerned, for joint use of off-street parking facilities, duly approved as

to title of grantors or lessors, and in a form and manner of execution approved by the City Attorney, shall be filed with the City Clerk and recorded with the Anoka County Recorder or Registrar of Titles, and a certified copy of the recorded document shall be filed with the City within sixty (60) days after approval of the joint parking use by the City or the interim use permit shall be considered null and void.

- G. On-street parking adjacent to buildings shall not be used for the purposes of calculating parking requirements.
- H. Within the COR-4 sub-district, parking on individual parcels serving individual uses may be provided if designated and approved as part of the master plan.
- I. Within all sub-districts, a minimum driveway length of twenty-five (25') feet is required to limit conflicts between vehicles parked in the driveway and street or sidewalk users.
- J. In order to ensure the pedestrian orientation of the COR Districts, minimum/maximum on-site parking standards are set based on the following table:

Table 1

Use	Minimum number of parking stalls	Maximum number of parking stalls*
Retail	2 per 1,000 sq. ft.	4 per 1,000 sq. ft.
Restaurants	1 per each 2 seats	1 per each 1 seats.
Offices	2 per 1,000 sq. ft.	3 per 1,000 sq. ft.
Medical offices, clinics	2 per 1,000 sq. ft.	4 per 1,000 sq. ft.
Health clubs	3 per 1,000 sq. ft.	5 per 1,000 sq. ft.
Theaters, places of assembly	1 per 5 seats	1 per 3 seats
Residential		
Attached or detached	1 per unit	2 per unit
Multifamily units	1 per unit	2 per unit

*If a parking structure is provided on site, maximum parking stalls do not apply.

- K. Non-Specified Uses. For uses not specifically listed above, off-street parking requirements shall be computed by the Zoning Administrator on the same basis as required for the most similar listed uses. In such cases, the Zoning Administrator shall also consult off-street parking reference materials including, but not limited to, manuals prepared by the American Planning Association and Institute of Transportation Engineers.
- L. Handicap Parking. The size, number, and location of stalls reserved for handicapped parking shall be provided and identified as required by applicable regulations. These spaces are included in the computation for the minimum parking space requirement.
- M. Change in Land Use. When the site intensity or use of a building and/or property is increased with consequential effect upon the parking requirements as prescribed in this Section, the

parking requirements as prescribed herein shall be used to provide for such increase in the site intensity and/or use.

- N. Use of required parking spaces. Required parking spaces must be available for the use of residents, customers or employees of the use. Fees may be charged for the use of required parking spaces. Required parking spaces may not be assigned in any way to a use on another site, except for joint parking situations. Also, required parking spaces may not be used for the parking of equipment or storage of goods or inoperable vehicles.
- O. Transit Service Reduction. The minimum number of parking stalls required on site may be reduced by 10% for any parcel located within ¼ mile of a transit stop. To qualify for this reduction, the transit stop must provide regular service on all days of the week and direct pedestrian access must be provided between the building and the transit stop.
- P. Bike Racks. In addition to the bike racks provided as part of the streetscape, individual businesses are encouraged to provide bike racks for customers. Bike rack locations will be reviewed and approved by the City as part of the site plan review.
- Q. Increase to Maximum Required Parking. If additional parking is sought to exceed these maximum requirements, a conditional use permit can be sought to increase maximums up to twenty-five (25%) percent.
 - 1. In the COR-2 sub-district, an increase of twenty-five (25%) percent in the maximum number of parking stalls is permitted without the issuance of a conditional use permit if approved as part of the site plan.
- R. In the COR1 sub-district, a PUMA (Parking Use and Maintenance Agreement) shall be applied to all development as follows:
 - 1. It is the City's intent to maximize development on individual lots. In order to help landowners accomplish this goal, the City will develop public parking ramps, which will be available for public parking within The COR. In order to minimize the amount of the site required for parking, the landowner may choose to enter into the PUMA for utilization of the public parking ramps to meet all or a portion of their minimum parking requirements.
 - 2. Each development shall be subject to a PUMA that specifies that each property in the COR1 shall be financially responsible for its proportionate share of a shared parking facility. The proportionate share shall be determined on the basis of the property's off-street parking needs, as determined by the parking requirements of Item J above.

3. The City shall establish fees by ordinance. The developer shall be responsible for payment in an amount equal to the value of the required parking on a per-stall price basis for ramp parking through the PUMA. The City will determine the appropriate contribution.
4. Funds collected by the City shall be deposited in a special fund used only to acquire and/or develop off-street parking facilities for the COR. Financial responsibility shall cover the construction and continuing maintenance of the parking facility.
5. The parking facility may be constructed and maintained by the City or by a private management entity acceptable to the City.

Private Streets

Private streets may be allowed within residential subdivisions, subject to the standards in Section 117-112 (e)3.b. of the Zoning Ordinance.

Loading Areas

- A. Loading areas and docks shall be located in the rear of the building.
- B. Loading areas shall not be located in the front yard and shall be fully screened from public streets, public parks and residential areas through landscaping and building design measures.



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Overall Framework – Building Design

Overview

The COR Development Plan 5.03 identifies the preferred mix and approximate location of a variety of land use types. Together with the Zoning Code, this Design Framework focuses on the following overall objectives:

- Promote vertical and horizontal mixed use (within a building, within a block, within a district)
- Provide a variety of housing types, styles, pricing
- Encourage increased density in and around the central core area
- Promote an interesting mix of building styles, scales and massing for each sub-district
- Support creative, innovative, high quality design solutions as the benchmark for success
- Integrate mix of uses with public green space within each district
- Provide a variety of commercial types
- Mix residential and commercial uses to promote street-level activity throughout the day

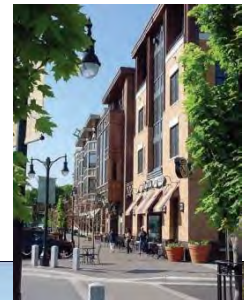
Guideline Recommendations

The mix of land uses in The COR will encourage activity during the day and into the evening and nighttime hours. As a focus of commerce, employment, recreation and housing, The COR resembles a small to medium size Midwestern downtown in scale and character. Land uses are intentionally mixed, to bring shoppers and workers into the area during the day and attract new residents and visitors to entertainment venues in the evening.

The civic component of The COR, anchored by City Hall, Police Station and variety of public spaces and squares, adds an important element to the land use mix and brings a level of authenticity to the district.

Objectives

- Encourage vertical mixed-use in the core with housing and office space over retail uses along the street, particularly in the center of the district.
- In residential districts, particularly closer to the core, a limited amount of retail uses will be encouraged to service residents and provide nearby places to gather.
- Promote innovative models for housing that include a mix of townhomes, flats and lofts within single buildings or on the same block.
- Accommodate larger, ‘big box’ retailing and auto-oriented uses within the COR2 sub-district only if innovative design approaches are used including two story buildings, use of liner stores facing the street, minimal blank walls, creative parking strategies, etc.
- Where similar uses create a ‘family’ or campus of buildings (e.g. medical campus), buildings should reinforce the street edge and parking should be set within the core of the block.
- Uses shall promote pedestrian friendly streets, contributing to street level activities and overall visual character of each district.
- All uses should reinforce the street edge.



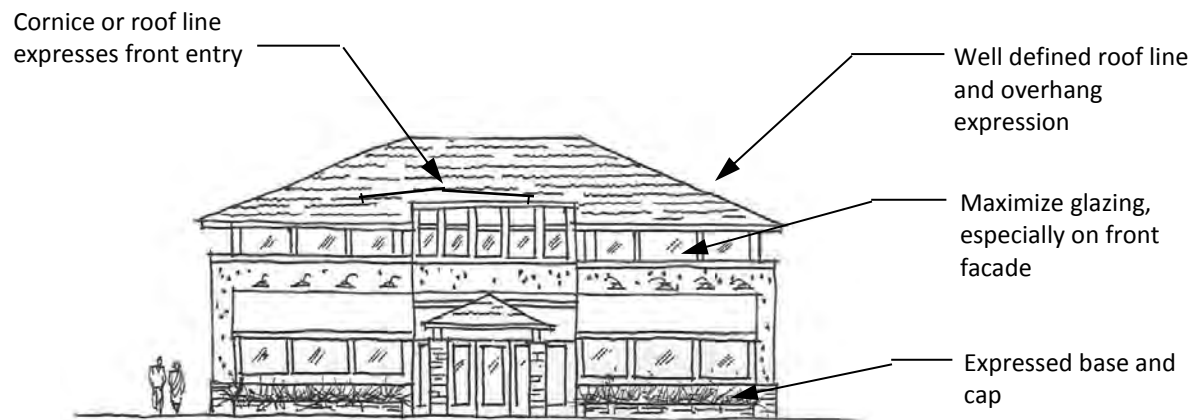
Architectural Overview

High quality architecture is an essential component in fulfilling the objectives of the Design Framework. Rather than prescribing a particular style, these architectural guidelines are intended to encourage an integration of both traditional and contemporary design. Architectural designs should provide a consistent quality, measured, to a great degree, by the pedestrian experience along the street and by an architectural expression that provides character without being thematic, obtrusive, or artificial. Architectural character should strive to be authentic and varied, but not 'thematic'.

Architecture Recommendations

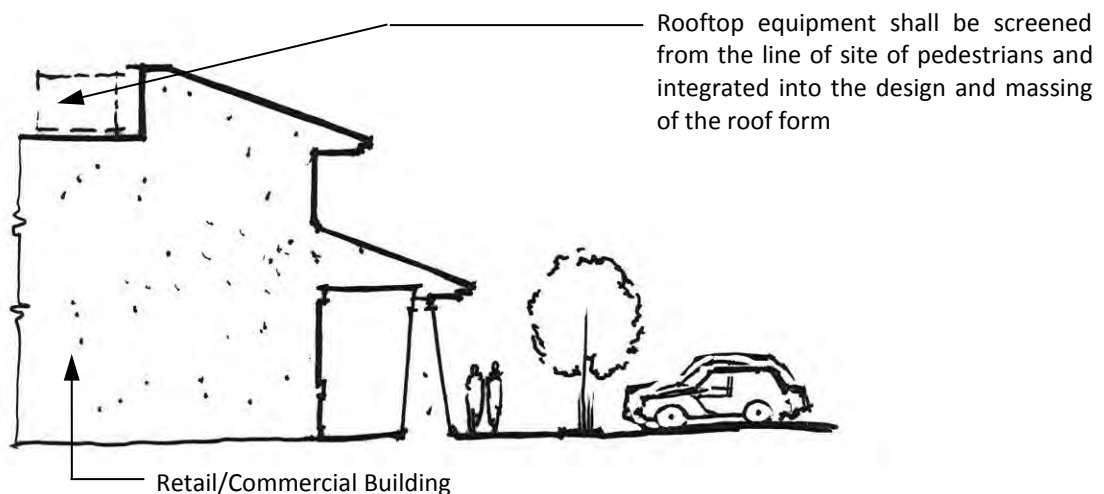
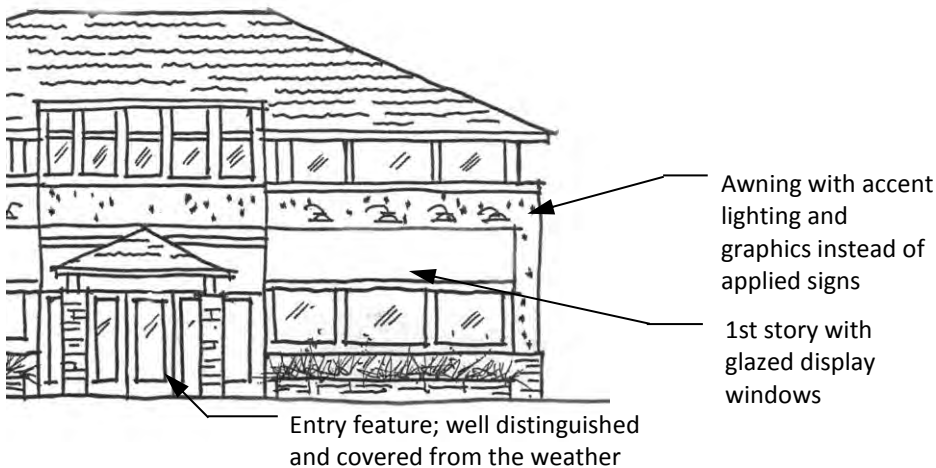
Of all the layers that combine to form The COR Development Plan, architecture will typically be the most prominent development component. Both visually and physically, architecture will play a major role in defining the overall design character and mix of uses for The COR. It is crucial that the design and location of buildings address these architectural guidelines, with specific emphasis on the following:

- An animated street presence with a mix of street-level uses, interesting building façades, many doors and windows on the street, careful design of lighting, awnings, signage and other elements that animate the pedestrian experience

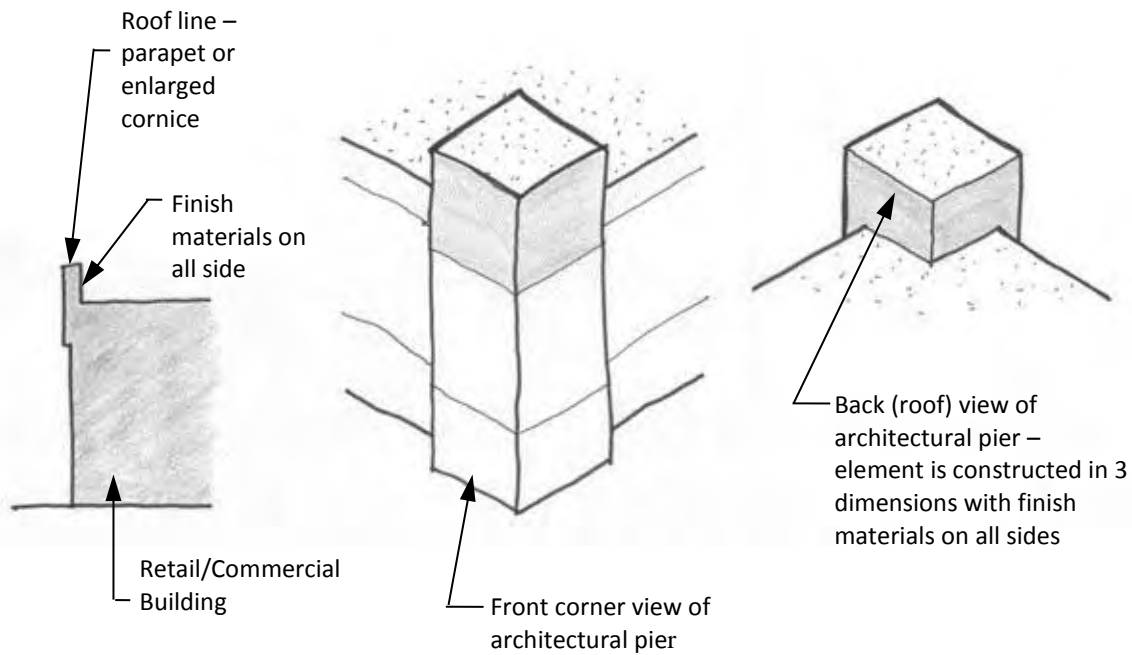


- Variety in building design, character and expression; not one theme or building style, but a thoughtful integration of many design solutions
- Variety of building types including a range of height, scale and proportion, that support an integrated mix of housing options, shopping destinations, entertainment venues, civic structures and other COR uses
- Use of high quality materials, suggesting a preference toward native materials and masonry elements, with respect for local building techniques
- Building location is as important as building style; special architectural elements, character, transparency and a higher level of materials and detailing should be used to highlight key streets and important crossroads throughout The COR
- Buildings should always be located at all four corners of intersections.
 - In the COR2 sub-district, if the City finds that there are unique circumstances where buildings cannot be located on the corner, the City may approve the use of fences, walls or other design elements to create that "street edge"

- Buildings will be located at the street right-of-way line (zero setback), but also allow recessed space for outdoor dining and other street level activities providing some minor deviation for variety
- Greater emphasis should be given to architectural elements, materials and other design features for buildings located at primary intersections, or where streets intersect with parks, such as the streets that front on or end near the Municipal Plaza. These locations can often be seen from several directions, perhaps terminate a view from a distance down the street or sit at a prominent node; They will likely become future landmarks or helpful orientation/wayfinding icons as The COR develops
- Encourage both vertical mixed use (within each building) and horizontal mixed use (within each block) throughout this district
- Include a mix of housing, civic, retail, restaurant, entertainment, performance and other uses that encourage a variety of activities throughout the day.
- Minimize openings between buildings, although limited driveway access and some provision for pedestrian connections through blocks are encouraged – gaps between buildings to accommodate surface parking lots, greater building setbacks or other purposes are discouraged
- Use recessed entries and windows to create street-level interest, variety and enhance pedestrian scale along street frontage



- Equipment, mechanical systems, transformers, etc. must be screened from view in a way that is integral to the architecture of the building. Screening should be accomplished with materials similar to or compatible with materials used on the main structure; metal fencing or mechanical vent screens alone are not sufficient.
- Roof lines and cornice details shall be completed in a 3-dimensional manner so that the back of roof features or similar unfinished areas are not visible.



Overall Framework - Signage

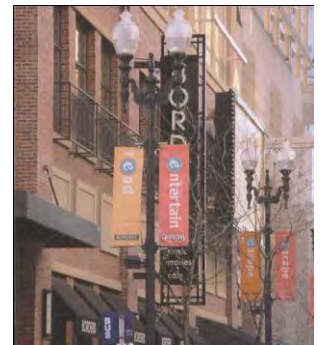
Overview

Signage within The COR should provide a system for clear wayfinding for all modes of transportation and should ensure successful business operation while maintaining the design aesthetic of this unique project. These sign standards are intended to allow flexibility and creativity while maintaining the design concepts of The COR. Due to the distinctive nature of The COR, the sign standards from the City Code are not applicable and signage shall be allowed as prescribed by the Design Framework. A Master Sign Plan identifies the location of key sign locations (see Figure 5: Signage Plan).

Guideline Recommendations

The COR development manager shall prepare a Master Sign Plan for the public elements of the project, which are in compliance with the design framework and will be adopted by reference. The Master Sign Plan will specifically address public signs including:

- The three (3) off-site community signs
- Banner signs on light poles
- Signage for public parks
- Signage for public parking ramps
- Signage for public buildings
- Community kiosks



Objectives

Signage should be used as a tool to help identify businesses and neighborhoods with The COR and should have elements that are focused on the pedestrian nature of The COR as well as the signage needs for businesses.

- Signage and lighting which is integrated into the design of the building is encouraged.

Definitions

Awning Sign means a sign incorporated into or attached to an awning.

Community sign means an off-site sign identifying the development name and key tenants. Community signs may also include public information. Reader boards are allowed to be incorporated into community signs within The COR. Gateway and kiosk signs are part of this category.

Temporary Sign means a sign which is erected or displayed for a limited period of time and not affixed to a Minnesota State Building Code approved structure.

Project sign means a freestanding area identification sign which identifies a single-family or multifamily residential subdivision, a commercial development or an industrial park or office park and which is located on the same site as the development it identifies. A site shall be identified as the block in which the use is located.

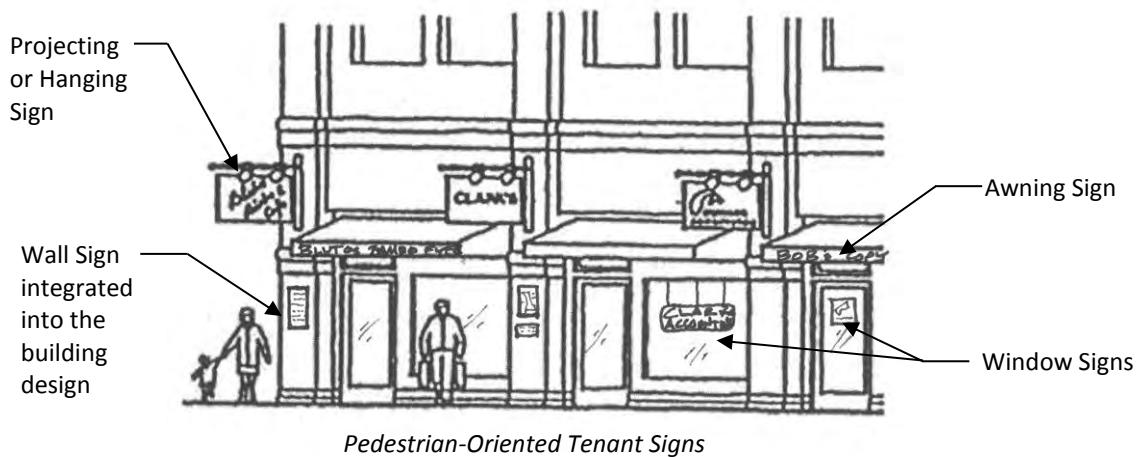
Projecting sign means any sign, all or any part of which extends beyond the surface of the building or wall by more than 16 inches.

Public Realm/Streetscape sign means any sign erected and maintained by public officials or public agencies, or approved and authorized for use by state or local governmental authorities.

Sandwich Board Signs means a self-supporting, freestanding temporary sign with only two (2) sides that are situated adjacent to a business with the intent to attract pedestrian traffic to businesses. Sandwich board signs are not meant to be read by vehicular traffic.

Wall sign means any sign which is affixed to a wall of any building. This definition includes individual letter signs and signs on mansards.

Window sign means a sign installed inside a window, or any sign placed within a building for the purpose of being visible from the public right-of-way. This does not include merchandise on display.



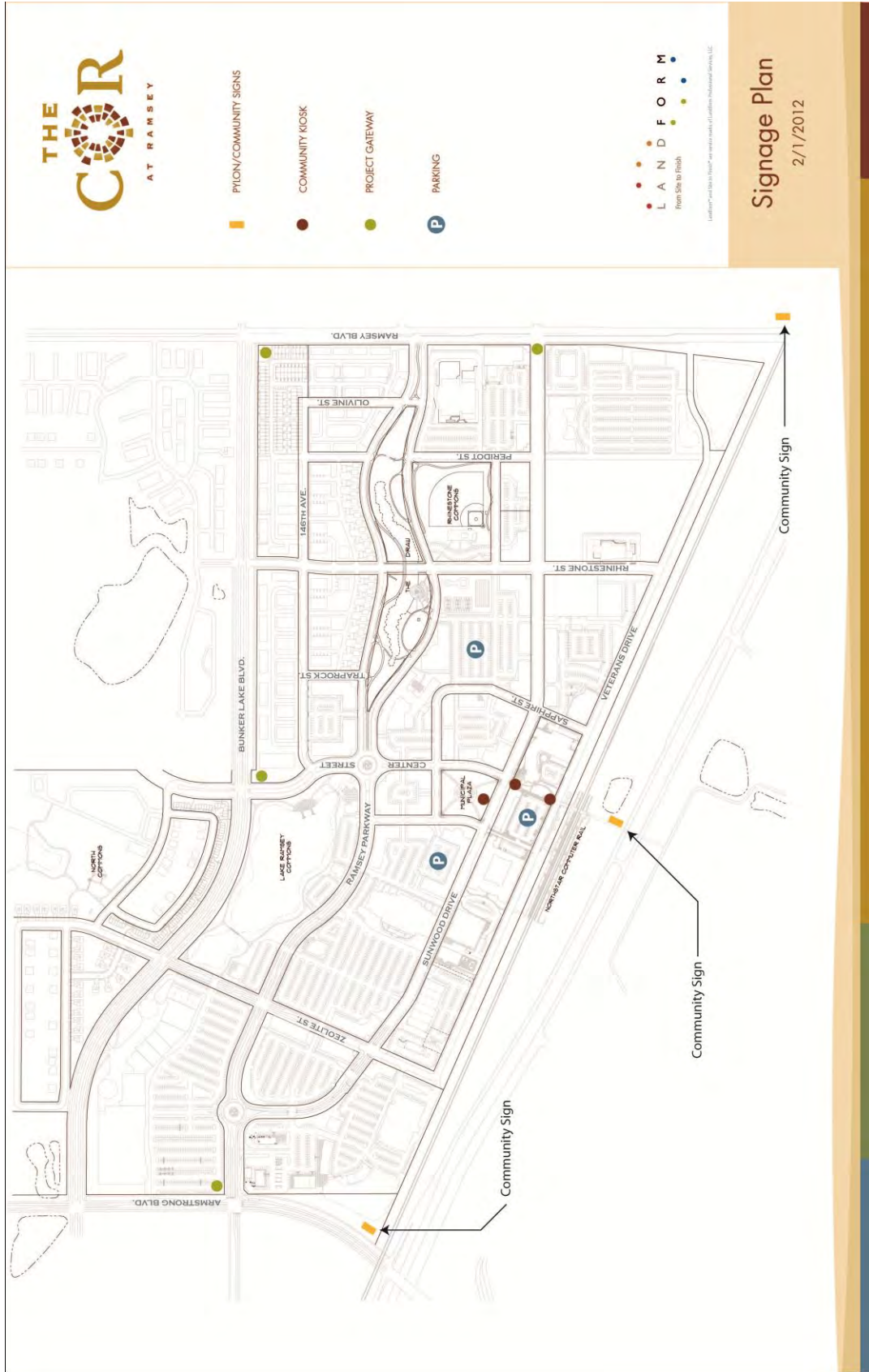


Figure 5: Signage Plan

Standards

Public Realm/Streetscape Signs

The pedestrian oriented nature of The COR requires unique signage that will build on the design concepts for The COR. These types of signs include banner signs on the streetlights, kiosks, street signs, wayfinding signs, signage for public parking ramps, etc. As the design concept for The COR has been refined, so has the signage plan. The Master Sign Plan is included as Appendix B. Size, location, and construction specifications of these signs shall be determined by the Master Sign Plan, which must be approved by the City Council, after a recommendation by the Planning Commission. Careful foresight has been given to size of signs based on needs of the adjacent roadways in order to maintain adequate safety standards that may otherwise be compromised by poor design. Roadways with higher speeds warrant larger lettering to maintain safe travel.

Community and Gateway signs

Community signs include are planned to include three (3) signs on Highway 10, as shown on the Signage Plan (see Figure 5: Signage Plan). The signs include the existing Community Sign near the future transit plaza, the sign at the northwest corner of Highway 10 and Ramsey Boulevard and the planned sign at the northwest corner of Highway 10 and Armstrong Boulevard.

Gateway signs are planned at multiple locations at entrances to The COR from major roadways, as shown on the Signage Plan. General gateway signs may identify The COR only. Retail Gateway signs may include provisions for off-premise, tenant sign panels.

These off-site signs, part of a unified development, are allowed as shown on the signage plan and shall have consistent materials and colors. Community and Gateway Signs shall conform to the design of the Master Sign Plan. Tenants within the unified development shall be allowed to utilize tenant panels on the Community and Retail Gateway Signs.

Amendments to the Master Sign Plan and Approved Community Signs. As the Master Sign Plan is adopted as part of the zoning ordinance, and has the effect of being a zoning ordinance, amendments to the Master Sign Plan must be processed by Ordinance and approved by City Council after review and recommendation by the Planning Commission.

Sign Type	Allowable Size	Architecture	Allowable Height
Community Sign	300 Square Feet	Per Appendix B	30 Feet *
Gateway Sign	50 Square Feet	Per Appendix B	10 Feet
Retail Gateway Sign	150 Square Feet	Per Appendix B	12 Feet
Community Kiosk	32 Square Feet	Per Appendix B	10 Feet*
Parking Ramp Signage	100 Square Feet	Per Appendix B	(Wall Signage)

* From highest point of adjacent road centerline



Desirable signs are designed to be architecturally compatible with buildings within the development and other signage within the development

Project Signs

Project signs are permitted within all COR sub-districts.

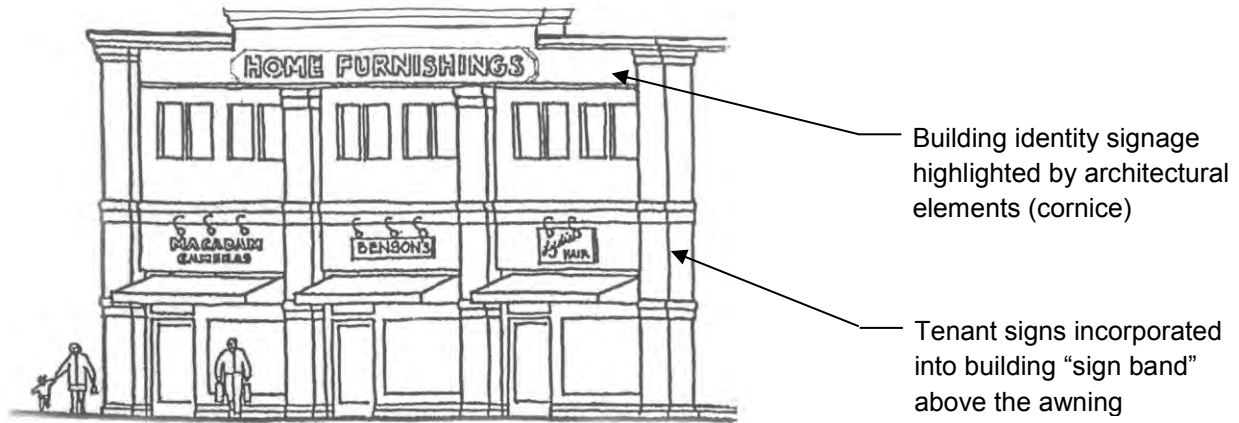
One (1) freestanding sign is allowed per building, provided that the following standards are met:

- A. The building in which the advertising business is located, shall be set back a minimum of six (6) feet from a public street right-of-way.
- B. The area of each face of the signboard shall not exceed six (6) square feet and the signboard shall not have more than two (2) readable faces. The signboard may exceed six (6) square feet, but not more than 32 square feet, provided that the sign consists of individual letters, without internally illuminated box letters. Lighting may be achieved through 'halo' lighting effects.
- C. The height of the top of the signboard, or of any posts, brackets, or other supporting elements shall not exceed six (6') feet from the ground.
- D. The signboard shall be constructed of wood, acrylic, aluminum or metal and shall be architecturally compatible with the style, composition, materials, colors and details of the building.
- E. No part of the sign shall encroach on the right-of-way and its location shall not interfere with pedestrian or vehicular circulation.
- F. Limited to one (1) sign per building and shall not be in addition to wall-mounted, applied letter or projecting signs.

- G. The readable faces of the sign shall be perpendicular to the adjacent street.

In the COR2 District, the following signage shall be allowed:

- A. Ground sign. There shall not be more than one (1) ground sign for each parcel. The gross surface area of a ground sign shall not exceed one hundred (100) square feet for each exposed face nor exceed an aggregate gross surface area of two hundred (200) square feet. Ground signs may be shared and combined at areas of shared entrances for multiple users. Shared ground signs shall not exceed 150 square feet. A shared sign shall be allowed for each entrance to the site (defined as bordered by public streets).
- B. Menu board. One (1) on-site menu board per drive-up or walk-up lane of a drive-in restaurant up to a maximum of thirty-two (32) square feet each and a maximum height of three (3) feet. Menu boards are allowed a message on one (1) side only and cannot contain an advertising message.
- C. Directional signs.
 - 1. Directional or instructional signs are permitted in accordance with Section 117-463(I).
 - 2. Parking lot directional signs designating parking area entrances and exits are limited to one (1) sign for each entrance and/or exit and shall not exceed four (4) square feet for each exposed face. Parking lot directional signs shall not project higher than five feet (5') in height, as measured from the established grade of the parking area to which such signs are accessory.
 - 3. Parking lot instructional signs designating the conditions of use or identification parking areas shall not exceed eight (8) square feet and shall not project higher than ten (10) feet in height for wall signs and seven (7) feet in height for ground signs, as measured from the established grade of the parking area to which such signs are accessory.



Wall Signs

Wall signs are permitted within all COR sub-districts.

Wall signs shall be permitted on one (1) wall, except that lots with frontage on more than one (1) street may have signage on one (1) wall per street frontage.

Within the COR1, COR3, COR4 and COR5 districts, the following standards apply:

- A. Wall-mounted or painted signs, provided the following standards are met:
 1. The sign shall be affixed to the front facade of the building, and shall project outward from the wall to which it is attached no more than six inches (6").
 2. Single Tenant Buildings. Each building shall be allowed one (1) wall sign per street frontage. Signage must be located on the street elevation. The area of the sign shall not exceed fifteen (15%) percent of the ground floor building facade area. Individual signs may not exceed.
 - a. Each building shall be allowed wall signage on the street frontage elevation. For buildings with multiple street frontages, the allowable signage is per street frontage. Signage must be located on the street elevation.
 - b. Each building is allowed wall signage that shall not exceed 5% of the wall area of the building façade adjacent to the street. Individual signs may not exceed 50 square feet.
 - c. Tenant signage must be located on the tenant lease space.
 - d. At least fifty (50%) percent of the allowed signage must be allocated to ground floor tenants and located on the ground floor.
 - e. Signage is limited to a maximum of one (1) sign per business/tenant, except that tenants with frontage on multiple streets may be permitted to have signage on each street frontage.
 - f. Multi-tenant buildings must have wall signs of similar design. Sign permits for
 3. Multi-Tenant Buildings.
 - a. Each building shall be allowed wall signage on the street frontage elevation. For buildings with multiple street frontages, the allowable signage is per street frontage. Signage must be located on the street elevation.
 - b. Each building is allowed wall signage that shall not exceed 5% of the wall area of the building façade adjacent to the street. Individual signs may not exceed 50 square feet.
 - c. Tenant signage must be located on the tenant lease space.
 - d. At least fifty (50%) percent of the allowed signage must be allocated to ground floor tenants and located on the ground floor.
 - e. Signage is limited to a maximum of one (1) sign per business/tenant, except that tenants with frontage on multiple streets may be permitted to have signage on each street frontage.
 - f. Multi-tenant buildings must have wall signs of similar design. Sign permits for

tenants in multi-tenant buildings shall only be permitted by the City after the building owner has submitted a comprehensive sign plan approved by the Zoning Administrator. The comprehensive sign plan for the building shall include similar design standards including sign material, color, style, spacing and size.

4. Signs for buildings facing Highway 10. Single or multi-tenant buildings that have frontage on Highway 10 or are separated from Highway 10 only by other public right-of-way, shall be allowed to have signage on that street elevation that is up to fifteen (15%) percent of the wall area of that building façade with no maximum square footage.
- B. Wall-mounted building directory signs identifying the occupants of a commercial building, including upper story business uses, provided the following standards are met:
1. The sign is located next to the entrance.
 2. The sign shall project outward from the wall to which it is attached no more than six inches (6”).
 3. The sign shall not extend above the parapet, eave, or building facade.
 4. The height of the lettering, numbers, or graphics shall not exceed twelve inches (12”).
 5. One (1) such sign is allowed per public building entrance and is allowed in addition to other permitted wall signage.
- C. Applied letters may substitute for wall-mounted signs, if constructed of painted wood, painted cast metal, bronze, brass, acrylic or black anodized aluminum. The height of applied letters shall not exceed 12 inches.
- D. Logos are considered signs and shall be included in the maximum allowable sign area.
- E. Window or door signs, provided that the following standards are met:
1. The sign shall not exceed ten percent of the window or door area or four (4) square feet, whichever is less.
 2. The sign shall be silk screened, hand painted, applied letters/graphics, neon tubing or other sign technologies that meet these standards.
 3. Limited to one (1) sign per business, applied on either the window or the door, but not on both.
 4. The sign shall not have an opaque backing of any type although smoked glass is allowed.
 5. Window signage (includes graphics) shall be permitted on the same building walls that have, or are allowed to have, wall signage pursuant to Item A above. Window signage

shall be deducted from the allowable wall signage area.

Within the COR2 district, where more conventional suburban development is expected, rather than the neo-traditional development planned for the other COR sub-districts, the following standards apply:

- A. Wall, canopy or marquee sign. Total sign area may not exceed 15 percent of the front building facade. At least 50 percent of the signage area must be placed on the measured wall with remaining signage area, if desired, distributed on any other wall. Sign height shall not exceed the top of the parapet wall or, if no parapet wall, sign height shall not exceed the height of the eaves. The gross surface area of a wall, canopy or marquee sign may be increased by ten percent if such wall sign:
 1. Consists only of individual, outlined alphabetic, numeric and/or symbolic characters without background except that provided by the building surface to which the sign is to be affixed;
 2. Illumination, if any, is achieved through shielded illumination, shielded silhouette lighting, or shielded spot lighting but not any lighting where the light source is visible or exposed on the face or sides of the characters; and
 3. A wall, canopy or marquee sign may be located on the outermost wall of any principle building but shall not project more than 16 inches from the wall to which the sign is to be affixed. A wall sign shall not project higher than the parapet line of the wall to which the sign is to be affixed.
- B. Window signs are restricted to 30 percent of the area of the window in which the sign is to be displayed.

In all COR sub-districts, restaurants and cafes shall be permitted one (1) wall-mounted display featuring the actual menu as used at the dining table, to be contained within a shallow wood or metal case and clearly visible through a glass front. The display case shall be attached to the building wall, next to the main entrance, at a height of approximately five feet (5'), shall not exceed a total area of two square feet, and may be lighted. This signage is allowed in addition to other permitted wall signage.

Projecting Signs

Projecting signs are permitted within all COR sub-districts.

Projecting signs, including graphics or icon signs, mounted perpendicular to the building wall, are encouraged in all sub-districts, provided the following standards are met:

- A. The sign area shall not exceed thirty-two (32) square feet.
- B. The distance from the ground to the lower edge of the signboard shall be ten feet or greater.
- C. The height of the top edge of the signboard shall not exceed the height of the wall from which the sign projects, if attached to a single story building, or the



- height of the sill or bottom of any second story window, if attached to a multistory building.
- D. The distance from the building wall to the signboard shall not exceed six inches (6”).
- E. The width of the signboard shall not exceed three (3) feet.
- F. Limited to one (1) sign per business. Projecting sign area shall be deducted from the allowable wall signage area.
- G. Granted to ground floor commercial uses only.

Awning Signs

Awning signs are allowed in all COR sub-districts. Awning signs are allowed for ground floor uses only, provided that the following standards are met:

- A. If acting as the main business sign, it shall not exceed 24 square feet in area.
- B. If acting as an auxiliary business sign, it shall be located on the valance only, shall not exceed four (4) square feet in area, and the height of the lettering, numbers, or graphics shall not exceed four inches (4”).
- C. Limited to two such signs per business, per frontage.
- D. If acting as the main business sign, it shall not be in addition to a wall-mounted or applied letter sign.

Sandwich Board Signs

Sandwich board signs are permitted within all COR sub-districts.

- A. One (1) sandwich board sign per business is permitted in any business, commercial and mixed use district and shall be located within five feet (5’) of the main building entrance to the business it advertises.
- B. Sandwich board signs shall be displayed only during open business hours and must be removed daily.
- C. Sandwich board signs shall be no more than a total of two feet (2’) in width and three feet (3’) in height
- D. Sandwich board signs must leave a minimum of five feet (5’) of clearance for pedestrian access if placed on a public or private sidewalk. Sandwich board signs may not hinder the ability of persons to access vehicles parked at the curb and/or access to a building.



- E. Acceptable materials for sandwich board signs shall include the following: metal, wood synthetic materials such as a chalk board and whiteboard. Sandwich board signs shall not be illuminated, nor shall they contain moving parts, or have balloons, streamers, stringers, pennants or similar adornments attached to them. Sandwich board signs shall be maintained in a good appearance at all times.
- F. No sandwich board sign shall be secured, tethered or installed on traffic devices, utility equipment, street furniture, street lights, or any other public fixture.
- G. Sandwich board signs are temporary signs and shall not be counted towards the total sign area of the site for permanent signage.

Temporary Signs

Temporary signs are allowed per Section 117-465 (Temporary signs) of the Zoning Ordinance, except as noted below:

- A. Freestanding temporary signs shall only be allowed in the COR2 and COR3 Districts.
- B. In all other COR districts, temporary signs shall be limited to temporary sandwich board signs or temporary wall signage, without interchangeable letters.
- C. Real estate and leasing signs shall be exempt from temporary and permanent sign regulations, provided that these signs do not exceed thirty-two (32) square feet.

Off-Site Signs

Off-site signs are prohibited except for wayfinding and community signage specifically allowed by the Design Framework.

Table 2

Sign Standards					
Development Standard	COR1	COR2	COR3	COR4	COR5
Project Signs					
Number of signs allowed	1*	1*	1*	1*	1*
Size of Sign (maximum)	6 sq. ft./6 feet high***	100 sq. ft./6 feet high	6 sq. ft./6 feet high***	6 sq. ft./6 feet high	6 sq. ft./6 feet high
Menu Board**	N/A	1 per drive-through lane/40 sq. ft. max.	N/A	N/A	N/A
Directional Sign	N/A	Per 117-463(l)	N/A	N/A	N/A
Wall Sign					
Number of signs allowed	1*	1*	1*	1*	1*
Size of Sign					
Single Tenant Building	15% of the ground floor façade area, - or- 15% of the front façade area when facing Highway 10.	15% of façade area	15% of the ground floor façade area,	5% of the ground floor façade area,	5% of the ground floor façade area,
Multi-Tenant Buildings	15% of the façade area,	15% of façade area	15% of the façade area,	15% of the façade area,	15% of the façade area,
Building Facing Highway 10	15% of the façade area	15% of façade area	15% of the façade area	15% of the façade area	15% of the façade area
Window Sign					
Number of signs allowed	1	1	1	1	1
Size of Sign	10% of area of window or 4 sq. ft., whichever is less. Deducted from allowable wall sign area.	30% of area of window. Deducted from allowable wall sign area.	10% of area of window or 4 sq. ft., whichever is less. Deducted from allowable wall sign area.	10% of area of window or 4 sq. ft., whichever is less. Deducted from allowable wall sign area.	10% of area of window or 4 sq. ft., whichever is less. Deducted from allowable wall sign area.
Directory Sign					
Number of signs allowed	1 per building entrance	1 per building entrance	1 per building entrance	1 per building entrance	1 per building entrance
Size of Sign	3 sq. ft. maximum	3 sq. ft. maximum	3 sq. ft. maximum	3 sq. ft. maximum	3 sq. ft. maximum
Projecting Sign					
Number of signs allowed	1*	1*	1*	1*	1*
Size of Sign	6 sq. ft./3 feet wide	6 sq. ft./3 feet wide	6 sq. ft./3 feet wide	6 sq. ft./3 feet wide	6 sq. ft./3 feet wide
Awning Sign					
Number of signs allowed	2 per business	2 per business	2 per business	2 per business	2 per business
Size of Sign	24 sq. ft./max. letter height 12-inches for main business sign or 4 sq. ft./max letter height 4-inches if auxiliary. Area is deducted from allowable wall sign area.	24 sq. ft./max. letter height 12-inches for main business sign or 4 sq. ft./max letter height 4-inches if auxiliary. Area is deducted from allowable wall sign area.	24 sq. ft./max. letter height 12-inches for main business sign or 4 sq. ft./max letter height 4-inches if auxiliary. Area is deducted from allowable wall sign area.	24 sq. ft./max. letter height 12-inches for main business sign or 4 sq. ft./max letter height 4-inches if auxiliary. Area is deducted from allowable wall sign area.	24 sq. ft./max. letter height 12-inches for main business sign or 4 sq. ft./max letter height 4-inches if auxiliary. Area is deducted from allowable wall sign area.

*One (1) sign is allowed per street frontage (either wall or project)

**Restaurants and cafes in all districts are allowed one (1) wall mounted menu board not to exceed 2 sq. ft. in addition to other permitted wall signage.

***See Page 32, 'Project Signs' for allowances up to 32 square feet.

Additional standards

- A. Businesses with service entrances may identify these with one (1) wall-mounted or applied letter sign not exceeding two square feet.
- B. One (1) directional sign, facing a rear parking lot. This sign may be any type of permitted sign other than a freestanding sign, but shall be limited to four (4) square feet in area.

Creative Sign Standards

- A. *Purpose.* This section establishes standards and procedures for the design, review, and approval of creative signs. The purposes of this creative sign program are to:
 - 1. Encourage signs of unique design, and that exhibit a high degree of thoughtfulness, imagination, inventiveness, and spirit; and
 - 2. Provide a process for the application of sign regulations in ways that will allow creatively designed signs that make a positive visual contribution to the overall image of the city, while mitigating the impacts of large or unusually designed signs.
- B. *Applicability.* An applicant may request approval of a sign permit for a creative sign to authorize onsite signs that employ standards that differ from the other provisions of this chapter but comply with the provisions of this section.
- C. *Application Requirements.* A sign permit application for a creative sign shall include all information and materials required by the City.
- D. *Procedure.* A sign permit application for a creative sign shall be subject to review and approval by the City as part of the Site Plan review process. When the creative sign is proposed after site plan review is complete, a creative sign may be approved by the Zoning Administrator when the proposed sign is fifty square feet or less, and shall be approved by the City Council when the sign is larger than fifty square feet.
- E. *Design Criteria.* In approving an application for a creative sign, the review authority shall ensure that a proposed sign meets the following design criteria:
 - 1. Design Quality. The sign shall:
 - a. Constitute a substantial aesthetic improvement to the site and shall have a positive visual impact on the surrounding area;
 - b. Be of unique design, and exhibit a high degree of thoughtfulness, imagination, inventiveness, and spirit; and
 - c. Provide strong graphic character through the imaginative use of graphics, color, texture, quality materials, scale, and proportion.
 - 2. Contextual Criteria. The sign shall contain at least one (1) of the following elements:
 - a. Classic historic design style;

- b. Creative image reflecting current or historic character of the City;
 - c. Inventive representation of the use, name, or logo of the structure or business.
3. Architectural Criteria. The sign shall:
 - a. Utilize or enhance the architectural elements of the building; and
 - b. Be placed in a logical location in relation to the overall composition of the building's façade and not cover any key architectural features and details of the façade.
4. Neighborhood Impacts. The sign shall be located and designed not to cause light and glare impacts on neighboring residential uses.

Prohibited signs

The following signs are prohibited:

- A. Box signs or cabinet signs, whether on a wall, projecting or on canopies are prohibited except for logo signs permitted as part of an overall sign plan.
- B. Signs employing mercury vapor, low pressure and high pressure sodium and metal halide lighting; plastic panel rear-lighted signs.
- C. Signs on roofs, dormers, and balconies.
- D. Billboards.
- E. Signs painted or mounted upon the exterior side or rear walls on any principle or accessory building or structure, except as otherwise permitted hereunder.
- F. Free standing pylon signs over six (6) feet in height, except community signs.
- G. Back-lit awnings.
- H. Interchangeable letter boards or panels.
- I. Flashing signs.
- J. Off-premises signs, except community signs.

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Overall Framework – Stormwater Management

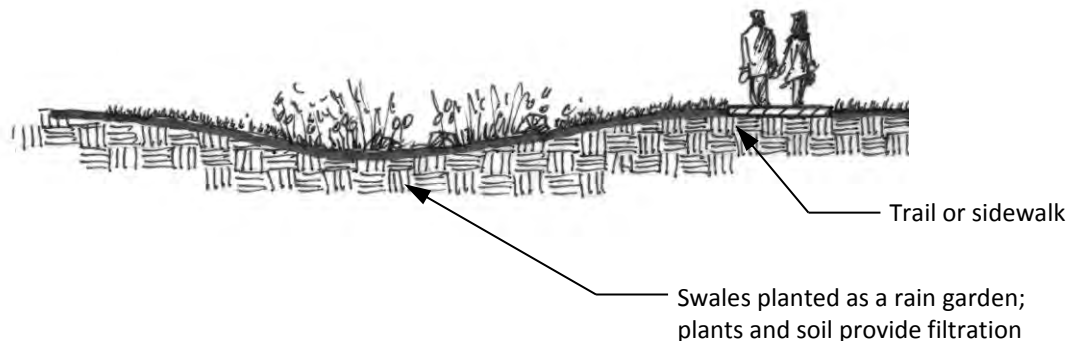
Overview

Water features and drainage systems are essential components of The COR Master Plan. The mix of ponds, streams, fountains and other water elements will provide focal amenities and year round activities within the framework of an environmentally responsible, visually pleasing strategy to manage stormwater. Because the Mississippi River is a restricted discharge water of the state, and because we are creating a new discharge from this development, each sub-district and each site has a responsibility to utilize ‘best management practices’ (BMP) to pretreat run-off, reduce erosion and encourage infiltration, with the understanding that regional treatment will be provided. Water elements are not intended to be separate stand-alone features, but instead should be integrated with the variety of parks, trails and public open space proposed for The COR. Water and landscape should be designed and utilized within multipurpose areas that accommodate both active and passive recreational use.

Objectives

Integration of water and landscape, design creativity, use of high quality materials and safety concerns are the critical objectives to be met – the following examples illustrate only a few of many possibilities:

- Innovative new products, such as special soil systems (Netlon, structural soils), pervious pavements for parking areas, storm ceptors, underground storage and other creative techniques should be used to BMP standards
- ‘Green architecture’, expressed through green roofs, gray water recycling and other techniques should be included to reduce the impact of new development on stormwater systems
- Water feature design should include both formal elements (such as reflecting pools or fountains) and natural/informal forms (such as ponds, streams, waterfalls) and should explore creative ways to integrate wetland/rain garden landscapes with active, urban spaces.



Guideline Recommendations

This framework not only defines the overall role and character of The COR, but also encourages each development parcel to address the following:

- **Create** signature water features (ponds, pools, fountains, waterfalls, etc.) as major visual amenities throughout The COR
- **Promote** high quality, creative and appealing aesthetics for all system elements
- **Integrate** stormwater management components (meeting both water quality and quantity requirements)

A great deal of time and effort has gone into the calculation and design of a 'watershed-based' stormwater management plan to support COR development. While this overall strategy addresses the water quantity issue for the entire COR by providing storage and conveyance facilities for storm events, individual development projects (block-by-block) have an equal responsibility to meet water quality standards as a primary goal. Each project should integrate a variety of techniques, materials and methods to promote multiple use, maximum flexibility, improved aesthetics for parking areas, park spaces, drainage swales and other site features.

Overall Framework – Parks/Public Spaces

Overview

The overall design framework of The COR is based on a system of linked parks, trails and open space. The City of Ramsey, Anoka County, and to some extent, the State of Minnesota all play a role in local and regional parks programming, design review, construction sequencing, implementation and ultimately maintenance and operation of key public spaces within this framework. The goal is to link existing and proposed parks and trails defined in regional park plans with proposed new parks and trails within The COR. Of equal importance is the contribution from each block and each development project to this network of green, adding a variety of private, semi-private, and perhaps some additional public space throughout The COR. Private development will share the responsibility to provide inviting, innovative and useable green space as integral parts of individual parcel site design.

Guideline Recommendations

The Design Framework encourages the following:

- Work with the City to create an integrated, comprehensive open space system that links with existing city and county trails and open space networks
- Encourage private development (block-by-block) to share in the responsibility to provide inviting, innovative and useable green space as integral parts of each development project
- Integrate stormwater management components (meeting water quality and quantity requirements) within both public / private park and open space improvements



Together, the system of public and semi-public green space will result in a welcoming public realm throughout the new community.

Objectives

Based on the Development Master Plan for The COR, a variety of public and private green space is proposed including:

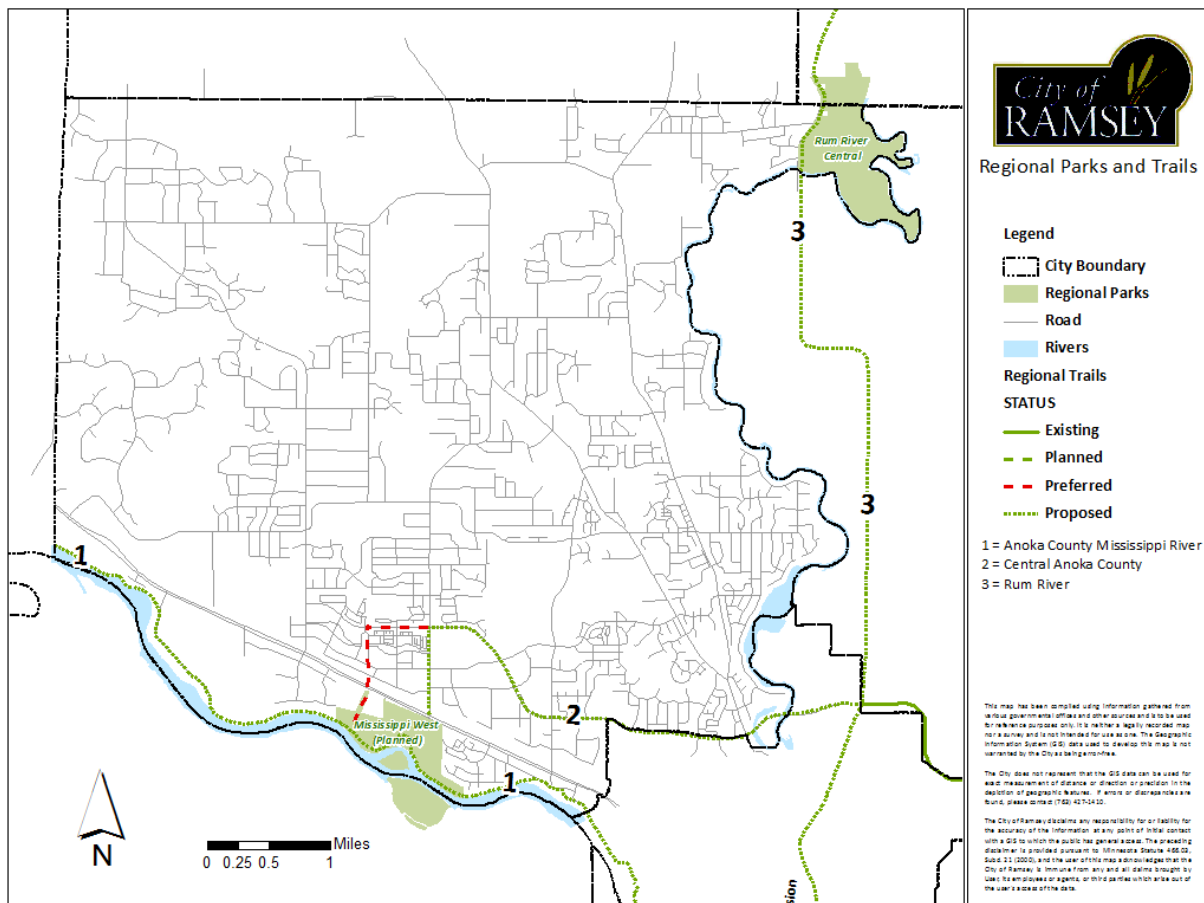
- Each block and each project will provide intentional, creative, innovative, useable green areas as integral components of site development and building design.
- At the individual block scale, small squares and greens will provide places for gathering and relaxation, especially targeted to meet the demands of adjacent, or nearby buildings. Elements such as gardens, gazebos and fountains should characterize these more intimate public spaces.
- At the neighborhood scale, parks will provide space for more active recreation, and should be flexible enough to accommodate a variety of recreational activities.
- Playgrounds, game fields and park buildings are park amenities that will target a wider user demand from the surrounding community.
- The Municipal Plaza will connect with all other parks and open space elements, providing a focal point for activity and a sense of place. Gardens, public pavilions and shelters, play lots and open play fields are amenities that will provide built-in flexibility to meet the demands of both the local population and regional visitors to The COR.



Regional Systems

The COR is the heart of several regional systems that are either located within or adjacent to The COR. These regional systems include the Northstar Commuter Rail, the Central Anoka County Regional Trail, the Mississippi West Regional Park, and the Mississippi River Trail.

A number of these systems have a pedestrian component. As such, Ramsey desires to locate the future Central Anoka County Regional Trail through the heart of The COR, along Center Street. The map below indicates Ramsey's preferred route for this trail. As this trail requires crossing Highway 10, it is imperative that a safe, grade-separated crossing is realized. This pedestrian overpass is envisioned to be connected to the Northstar Commuter Rail – Ramsey Station, and has been named the 'Mississippi Skyway'.



Part Two: Sub-district Framework

Overview

The Master Plan and Zoning Ordinance identify five (5) distinct sub-districts within The COR. Each of these sub-districts is defined by a unique mix of uses, specific site development patterns and perhaps a distinctive character or image. The sub-districts complement one another as part of the overall plan. The sub-districts are shown the attached Sub-district Map (**Error! Reference source not found.**). They include:

- **COR1 Mixed Use Core** – provides the broadest variety, highest density and greatest intensity of development, encouraging both vertical and horizontal mixed use
- **COR2 Commercial** – provides a location for larger scale retail and other auto-orientated commercial uses
- **COR3 Workplace** – provides a location for uses with high concentrations of employees, such as medical/technology related office, and other corporate or institutional uses
- **COR4 Neighborhood** – provides opportunities for a range of housing types from small lot single family to townhouse, to high density senior or rental apartment
- **COR5 Park and Open Space** – preserves environmental features and provides neighborhood/community amenities throughout The COR

Development plans must respond to the overall COR Design Framework described in Part One of this document, but also must address the following detailed framework standards for each sub-district. To further clarify and illustrate proposed features in the Master Plan, these sub-district guidelines are organized under the following categories:

- Public Realm / Streetscape Framework
- Site Design Framework
- Architectural Framework

In all cases, the sub-district framework must be applied in harmony with the overall COR framework and with other existing city, county, state codes, design criteria, plans and studies that support broader goals for regional growth and development. However, within each district, development standards shall be based, in part, on the street hierarchy established in The COR.

Public Realm/Streetscape

- A. The developer shall be responsible for construction of all streetscape improvements along adjacent streets. These improvements include all hardscape improvements, such as trails, sidewalks, benches, bike racks, etc., as well as street trees and other greenscape.
- B. The landowner shall be responsible for maintenance of the streetscape improvements along adjacent streets. Such maintenance may be managed as part of a Special Service District (SSD) or similar.

Plazas

- A. All properties with principal buildings in excess of 30,000 square feet shall be required to have a public plaza space.

- B. The public plaza space shall include benches, bike racks trash receptacles, lighting fixtures and other amenities to create a welcoming space for tenants of the building and members of the public.
- C. These plaza spaces should be visible from the public street.

Architecture

These architectural framework standards provide an important balance between design continuity, desirable variety and the notion that buildings should complement, and perhaps contrast, but not compete with one another. The lasting appeal of the final outcome must be grounded in the authenticity of the design and the acceptable level of ‘messiness’ that comes with creating a real downtown over time; ‘faux’ second floors, stage set or themed solutions, and large faceless buildings are not acceptable.



Auto Versus Human Design: Providing rear alleys or side loaded garages enables the home to present itself to the street, which promotes sociability and walkability.

Minimum Standards

Definitions

Build to line: The line at which construction of a building facade is to occur on a lot. The build to line provides a maximum setback for all building facades from the right-of-way or inside edge of the sidewalk, whichever is greater. The build to line applies to all facades abutting a street right of way. Build to line standards are based on the sub-district the parcel is located and the street in which the building is located upon.

Setback: The minimum required distance between a parking lot or the vertical wall of a building and a lot line. Setbacks are typically more flexible than build to lines and allow a building to be set further back from the lot line and street right-of-way.

Requirements:

- A. Additional development standards shall be defined within each sub-district.

- B. Provide a diverse mix of materials, applied in a variety of proportions, exposures and detailing within a block, or along a street.
- C. Buildings should be articulated to break up the mass of the building façade on all elevations. Large blank exterior walls shall be prohibited. Windows are encouraged to be used to break up the mass of the building. Rooflines and building elevations should be articulated to break up the mass of buildings. Buildings must be broken at a minimum of every fifty (50) feet. This variation can be accomplished through one (1) or more of the following:
 1. Wall face variations (minimum depth of two (2) feet)
 2. Pilasters or columns (minimum depth of two (2) feet)
 3. Upper wall break in color and/or materials (minimum of 2/3 up the height of the wall)
 4. Wainscot (minimum of four (4) feet high)
 5. Canopies (minimum four (4) foot width)
 6. Corner and demising wall or building separations



More Desirable

- D. Each development application must list building materials, roofing materials and building colors on the plans. Building articulation, mechanical screening by architectural elements and design elements on all building elevations must be identified on the plans. The plans shall be subject to City review and approval to ensure that the design intent of the Framework has been met.



Less Desirable

- E. Building materials shall be high-quality durable materials, such as glass, stone, brick, windows, canvas awnings, etc.
 1. Use local sources if available
 2. Siding is not allowed (vinyl, metal, wood) except as a complimentary use
 3. Use clear or lightly tinted glass for all windows and doors – mirrored, reflective or highly tinted glazing is not acceptable
 4. Metal and wood components are acceptable as a complimentary, not primary, building material
 5. COR1 sub-district buildings shall be primarily brick or a comparable alternative and shall comprise a minimum of fifty (50%) percent of the non-glazed wall area
- F. Residential development should provide variety within the subdivision to avoid monotony. Developers will include front porches and windows that face all streets. Corner units shall have more than one (1) window per side of building to help create a sense of place in the community and promote safety on the street.
- G. Garage forward or “snout houses” are highly discouraged on all residential development as they dominate the view from the street and sidewalk.
- H. All sides of buildings shall have an equal finish in terms of materials and general design.

I. The main entrance of each principal building must face the street. On corner lots, the main entrance may face either of the streets or be oriented to the corner. With buildings that have more than one (1) main entrance, only one (1) entrance must meet this requirement.



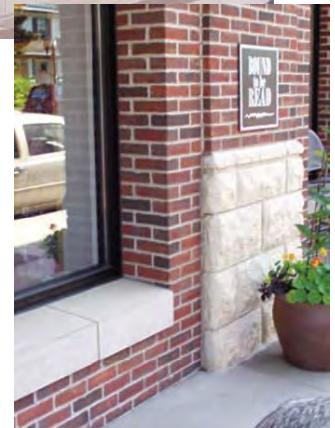
J. Building massing shall be oriented parallel to the street frontage of the lot.

K. Trash and recycling areas shall be designed internal to the building.

L. Provide recessed entries wherever possible.

M. Buildings shall have a base and top to the architecture.

N. Multi-story buildings are preferred in the COR1 sub-district, but occasional single story buildings are acceptable; single story buildings should not dominate any street frontage and should be a minimum of twenty (20) feet to the roofline.



O. Maximize glass openings for all ground level, street front façades – especially for retail, restaurant and other commercial uses – fifty (50%) minimum of total ground level façade, or demonstrate great design through other means.

P. Provide real window openings for all street facing façades above ground level in all districts—a minimum of forty (40%) percent of total façade.

Residential uses in COR4 and COR5 must also comply with the following:

A. *Location of main entrance*

1. A building must include a front porch or covered balcony/patio at all main entrances that face a street. The porch or stoop shall adjoin the main entrance and the main entrance shall be accessible from the porch.
2. The main entrance of each principal building must face the street. On corner lots, the main entrance may face either of the streets or be oriented to the corner. With buildings that have more than one (1) main entrance, only one (1) entrance must meet this requirement.



B. *Porches:* Porches used to satisfy the design criteria shall comply with the following:

1. Porches shall be covered by a solid roof. The roof shall not

be located more than 12 feet above the floor of the porch. If the roof of a required porch is developed as a deck or balcony, it may be flat.

2. The porch shall have minimum dimensions of 6 feet by 6 feet. (6' x 6'). For single-family detached dwelling units, the covered area provided by the porch must be at least forty-eight (48) square feet and a minimum of eight (8) feet wide. If the main entrance is for more than one (1) dwelling unit, the covered area provided by the porch must be at least sixty-three (63) square feet and a minimum of nine (9) feet wide.



- C. *Covered balconies/patio*: The covered area must be at least forty-eight (48) square feet, a minimum of eight (8) feet wide, and no more than fifteen (15) feet above grade. The covered area must be accessible from the interior living space of the house.

- D. *Openings between porch floor and ground*: Openings of more than one (1) foot between the porch floor and the ground must be covered with a solid material or lattice.

E. *Roofs*

1. *Slope*: Principal structures must have a roof that is sloped, with a pitch that is no flatter than six (6) units of horizontal run to twelve (12) units of horizontal rise.
2. *Architectural features*: The roof of a principal structure shall include the following architectural details:
 - a. At least one (1) dormer facing the street. If only one (1) dormer is included, it shall be at least five (5) feet wide and shall be centered horizontally between each end of the front elevation. If more than one (1) dormer is provided, a dormer at least four (4) feet wide must be provided on each side of the front elevation; or
 - b. A gabled end, or a gabled end of a roof projection, facing the street.
3. *Roof eaves*: Roof eaves must project from the building wall at least twelve (12) inches, measured horizontally, on at least the front and side elevations.





DISTRICT BOUNDARIES

BOUNDARY LABELS



LANDFORM

From State to English

Sub-District Map

Version 6.2
11/07/2012



Sub-District Framework - COR1 Mixed Use Core

Public Realm / Streetscape

Public realm and streetscape improvements define the character of The COR and create a memorable signature for the Mixed Use Core sub-district. This is the most urban of all sub-districts in The COR and will be developed with a very urban pattern. Great parks and great streets, encourage intensified levels of activity, support the proposed mix of uses, invite community gathering and accommodate special events throughout the year.

Site Development

Framework standards that address building location, organization of space and parking options tend to focus on what can be measured – dimensions, setbacks, number of spaces and so on. But in addition to these issues, the Design Framework also describes the aesthetic qualities and design character of a preferred ‘urban form’ for the Mixed Use Core. The compact and higher density blocks that define this sub-district encourage a mix of uses, with a continuous built edge along street frontage. Innovative parking strategies support this mix, providing easy access to destination shopping, restaurant and entertainment venues. Together these elements will promote the core area as the center of activity – the place to see and be seen within The COR.

Architecture

Buildings in the Mixed Use Core will play a major role in defining the overall character of The COR. The proposed mix of uses for this signature destination suggests the potential for a variety of building types, demanding creativity and innovation to highlight unique architecture, while knitting the entire sub-district together as a coherent whole. Overall building design is an important consideration, but emphasis on first floor façade treatments is essential to encourage street-level activity and enhance the pedestrian experience. Architecture to be ‘4-sided’ at all locations visible to public areas. Emphasis will be on great design along public street frontage.

Table 3

COR1 Development Standards						
	Arterial Street	Destination Street	Parkway	Connector Street	Downtown Street	Local Street
Minimum lot size	None	None	None	None	None	None
Minimum lot width	20 feet	20 feet	20 feet	20 feet	20 feet	20 feet
Minimum lot depth	80 feet	80 feet	80 feet	80 feet	80 feet	80 feet
Allowable residential density in dwelling units per acre ⁽¹⁾	>15 DU/AC	>15 DU/AC	>15 DU/AC	>15 DU/AC	>15 DU/AC	>15 DU/AC
Minimum floor area ratio (FAR) for nonresidential uses/vertically mixed buildings/sites	.75	.75	.75	.75	.75	.75
Build to Line						
Front yard ⁽⁴⁾	30 feet as measured from building front to right-of-way ⁽²⁾⁽³⁾ (60% of front facade w/in max.)	5 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	5 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	5 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	5 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	5 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)
Side yard	no req.	no req.	no req.	no req.	no req.	no req.
Rear yard	no req.	no req.	no req.	no req.	no req.	no req.
Driveway length (minimum)	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units
Building height (min. - max.)	2 - 5 stories.	2 - 5 stories.	2 - 5 stories.	2 - 5 stories.	2 - 5 stories.	2 - 5 stories.
Planter Style	N/A	Planter Bed	Boulevard Sod	Boulevard Sod	N/A	Boulevard Sod
Tree Spacing (on center)	N/A	35 feet	35 feet	35 feet	35 feet	35 feet
Boulevard Width	N/A	6 feet	6 feet	6 feet	N/A	6 feet
Sidewalk Width	10 feet	10 feet	6 feet	10 feet	10 feet	10 feet

1. Residential density is based on the net area of the parcel in question for parcels. In the event that public open space that is not dedicated to the City is developed independently of any particular residential project, the land area of the open space shall be divided equally among those abutting projects for purposes of density calculations.
2. Build to line shall be measured from building front to edge of right-of-way, or edge of sidewalk easement as defined by the City and said sidewalk must be encumbered by a sidewalk easement recorded with the office of the Anoka County Recorder.
3. The City may approve up to a 60-foot setback if it finds that topography or other factors require that a building be set back further to achieve acceptable grades or buffer between the street, the site entrance and the building.
4. In order to address vision clearance standards on higher speed roadways, parcels that are located at an intersection with an arterial roadway are allowed a build-to line of 35 feet from both streets.

A. At least sixty (60%) percent of street frontage of any lot shall be occupied by building facades meeting this build-to-line. On lots with more than one (1) street frontage, the build to line shall apply on each side fronting a street. An enclosed open area plaza space or outdoor seating with a decorative wall with a minimum height of three feet (3') and a maximum of four and one-half feet (4 ½') can be used to meet the sixty (60%) percent street frontage requirement.

B. Screening Of Parking Areas: Wherever a surface parking area faces a street frontage, such frontage shall be screened with a decorative wall, railing, hedge, or a combination of these elements, to a minimum height of three feet (3') and a maximum height of four and one-half feet (4 ½') above the level of the parking lot, at the build-to line. This screening may be broken into sections along the street edge provided it meets the sixty (60%) percent required.

Sub-District Framework - COR2 Commercial

Public Realm / Streetscape

While the Commercial Sub-district encourages a mix of large and small floor plates accommodating auto-oriented uses, this suggests even greater attention be paid to public realm and streetscape improvements that not only accommodate vehicles, but also invite bicycle and pedestrian traffic. Surface parking lots provide convenient access to storefronts, but present an additional challenge to the overall visual character and aesthetic appeal of this area. While no large public parks are identified for this sub-district, small pocket parks, squares or other gathering spaces are encouraged. A consistent, attractive streetscape is also essential.

Site Development

Site Design Framework for this sub-district focus on a unique opportunity to recast typical commercial development patterns into a contemporary and innovative strategy that responds to overall objectives for The COR. Specifically, this suggests that the majority of buildings front on the primary through streets, with parking and service areas on the side or in the back, away from view. However, the market realities suggest that the types of auto-oriented users in this district will have the potential for larger parking fields and drive-throughs that will make a true urban model challenging. The City will hold all users to this design vision while modifying the COR2 standards slightly to accommodate these types of more typical suburban land uses. A mix of uses within individual blocks, including retail, restaurant and residential, further enhances this model, addresses design character/aesthetics and promotes activity throughout much of the day and evening hours.

Architecture

Buildings in the Commercial Sub-district make a significant contribution to first impressions of The COR. Buildings form gateways at the major entries into the site, architectural elements and choice of materials convey a certain character and the scale or massing of structures begins to define the feel or experience of this place. These are not just 'commodity' buildings, but instead should raise the bar in terms of overall design and specific details that make The COR unique, inviting and memorable. Architecture to be '4-sided' at all locations visible to public areas. Emphasis will be on great design along public street frontage.

Table 4

COR2 Development Standards						
	Arterial Street	Destination Street	Parkway	Connector Street	Downtown Street	Local Street
Minimum lot size	None	None	None	None	None	None
Minimum lot width	80 feet	80 feet	80 feet	80 feet	80 feet	80 feet
Minimum lot depth	100 feet	100 feet	100 feet	100 feet	100 feet	100 feet
Allowable residential density in dwelling units per acre ⁽¹⁾	>15 DU/AC	>15 DU/AC	>15 DU/AC	>15 DU/AC	>15 DU/AC	>15 DU/AC
Build to Line						
Front yard ⁽⁴⁾	30 feet as measured from building front to right-of-way ⁽²⁾⁽³⁾ (40% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (40% of front facade w/in max.)	30 feet as measured from building front to right-of-way ⁽²⁾⁽³⁾ (40% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (40% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (40% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (40% of front facade w/in max.)
Side yard	no req.	no req.	no req.	no req.	no req.	no req.
Rear yard	no req.	no req.	no req.	no req.	no req.	no req.
Driveway length (minimum)	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units
Building height (min. - max.)	1-4 stories.	1-4 stories.	1-4 stories.	1-4 stories.	1-4 stories.	1-4 stories.
Planter Style	N/A	Boulevard Sod	Boulevard Sod	Boulevard Sod	N/A	Boulevard Sod
Tree Spacing (on center)	N/A	35 feet	35 feet	35 feet	35 feet	35 feet
Boulevard Width	N/A	6 feet	6 feet	6 feet	N/A	6 feet
Sidewalk Width	10 feet	6 feet	6 feet	10 feet	10 feet	10 feet

1. Residential density is based on the net area of the parcel in question for parcels. In the event that public open space that is not dedicated to the City is developed independently of any particular residential project, the land area of the open space shall be divided equally among those abutting projects for purposes of density calculations.
2. Build to line shall be measured from building front to edge of right-of-way, or edge of sidewalk easement as defined by the City and said sidewalk must be encumbered by a sidewalk easement recorded with the office of the Anoka County Recorder.
3. The City may approve up to a 60-foot setback if it finds that topography or other factors require that a building be set back further to achieve acceptable grades or buffer between the street, the site entrance and the building.
4. In order to address vision clearance standards on higher speed roadways, parcels that are located at an intersection with an arterial roadway are allowed a build-to line of 35 feet from both streets.

- A. At least forty (40%) percent of street frontage of any lot shall be occupied by building facades meeting this build-to-line. On lots with more than one (1) street frontage, the build to line shall apply only to one (1) street frontage.
 1. An enclosed open area plaza space or outdoor seating with a decorative wall with a minimum height of three feet (3') and a maximum of four and one-half feet (4 ½') can be used to meet the forty (40%) percent street frontage requirement.
 2. The City may approve a variation from the required build to line if the applicant provides a street edge consisting of fencing, decorative wall and/or landscaping with a minimum height of three feet (3') and a maximum of four and one-half feet (4 ½') can be used to meet the forty (40%) percent street frontage requirement.
- B. Screening Of Parking Areas: Wherever a surface parking area faces a street frontage, such frontage shall be screened with a decorative wall, railing, hedge, or a combination of these elements, to a minimum height of three feet (3') and a maximum height of four and one-half feet (4 ½') above the

level of the parking lot, at the build-to line. This screening may be broken into sections along the street edge provided it meets the forty (40%) percent required on all street frontages.

Sub-District Framework - COR3 Workplace

Public Realm/Streetscape

The Workplace Sub-district also encourages a mix of large and small floor plate buildings, but instead of commercial or entertainment, this area of The COR is dominated by office and institutional uses. With opportunities for corporate or medical campus development comes the attendant auto-related infrastructure – easy access, bigger streets and large surface parking lots. Once again, this suggests that equal attention be paid to public realm and streetscape improvements that not only accommodate vehicles, but also invite bicycle and pedestrian traffic. The Draw, an active, neighborhood scale, recreational play space has been included in this sub-district, but small pocket parks, squares or other gathering places are also encouraged. In addition, streetscape improvements provide an important public amenity and inviting pedestrian connection to adjacent sub-districts.

Site Development

The mix of medical, office, institutional and other uses in this sub-district suggest the potential for a campus-like arrangement of buildings on some blocks. These blocks would tend to be more internally oriented than in other districts, with driveways, parking lots, courtyards and walkway connections in the center, ringed by buildings around the outside. Buildings would still face adjacent streets, with both primary and secondary entries provided to animate these important façades, particularly along Ramsey Boulevard, Sunwood Drive and Rhinestone Street. While the Workplace sub-district also encourages mixed use, this desired development objective will likely occur mostly within blocks, not within individual buildings as seen in other districts.

Architecture

Buildings in the Workplace Sub-district also make a significant contribution to first impressions as people enter The COR via Highway 10, Ramsey Boulevard and Sunwood Drive. Buildings form gateways at the major entries into the site, architectural elements and choice of materials convey quality and permanence, and the scale or massing of structures begins to define the feel and character of this place. The proposed mix of uses within this sub-district suggest a variety of potential building types – blending medical campus with small office, storefront and some housing -- demands design creativity and innovation to highlight unique architecture, and knit the entire sub-district together as a coherent whole. Architecture to be '4-sided' at all locations visible to public areas. Emphasis will be on great design along public street frontage.

Table 5

COR3 Development Standards						
	Arterial Street	Destination Street	Parkway	Connector Street	Downtown Street	Local Street
Minimum lot size	None	None	None	None	None	None
Minimum lot width	40 feet	40 feet	40 feet	40 feet	40 feet	40 feet
Minimum lot depth	80 feet	80 feet	80 feet	80 feet	80 feet	80 feet
Allowable residential density in dwelling units per acre ⁽¹⁾	none	none	none	none	none	none
Minimum floor area ratio (FAR) for nonresidential uses/vertically mixed buildings/sites	.25	.25	.25	.25	.25	.25
Build to Line						
Front yard ⁽⁴⁾	30 feet as measured from building front to right-of-way ⁽²⁾⁽³⁾ (60% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	15 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)
Side yard	no req.	no req.	no req.	no req.	no req.	no req.
Rear yard	no req.	no req.	no req.	no req.	no req.	no req.
Driveway length (minimum)	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units
Building height (min. - max.)	2 - 4 stories.	2 - 4 stories.	2 - 4 stories.	2 - 4 stories.	2 - 4 stories.	2 - 4 stories.
Planter Style	N/A	Planter Bed	Boulevard Sod	Boulevard Sod	N/A	Boulevard Sod
Tree Spacing (on center)	N/A	35 feet	35 feet	35 feet	35 feet	35 feet
Boulevard Width	N/A	6 feet	6 feet	6 feet	N/A	6 feet
Sidewalk Width	10 feet	10 feet	6 feet	10 feet	10 feet	10 feet

1. Residential density is based on the net area of the parcel in question for parcels. In the event that public open space that is not dedicated to the City is developed independently of any particular residential project, the land area of the open space shall be divided equally among those abutting projects for purposes of density calculations.
2. Build to line shall be measured from building front to edge of right-of-way, or edge of sidewalk easement as defined by the City and said sidewalk must be encumbered by a sidewalk easement recorded with the office of the Anoka County Recorder.
3. The City may approve up to a 60-foot setback if it finds that topography or other factors require that a building be set back further to achieve acceptable grades or buffer between the street, the site entrance and the building.
4. In order to address vision clearance standards on higher speed roadways, parcels that are located at an intersection with an arterial roadway are allowed a build-to line of 35 feet from both streets.

A. At least sixty (60%) percent of street frontage of any lot shall be occupied by building facades meeting this build-to-line. On lots with more than one (1) street frontage, the build to line shall apply on each side fronting a street. An enclosed open area plaza space or outdoor seating with a decorative wall with a minimum height of three feet (3') and a maximum of four and one-half feet (4 ½') can be used to meet the sixty (60%) percent street frontage requirement.

B. Screening Of Parking Areas: Wherever a surface parking area faces a street frontage, such frontage shall be screened with a decorative wall, railing, hedge, or a combination of these elements, to a minimum height of three feet (3') and a maximum height of four and one-half feet (4 ½') above the level of the parking lot, at the build-to line. This screening may be broken into sections along the street edge provided it meets the sixty (60%) percent required.

Sub-District Framework - COR4 Neighborhood

Public Realm/Streetscape

Two prominent public parks supply much of the informal green space for The COR, and more specifically, provide the valuable park frontage and mix of amenities needed to support housing development within the Neighborhood Sub-district. North Commons surrounds an existing wetland and provides open space for year-round activities including a proposed sledding hill. The sub-district is adjacent to The Draw, which is characterized by wetlands, ponds and a meandering stream channel surrounded by gently sloping hills. Other park features include active and passive recreation areas, natural and manicured landscapes, education and interpretation opportunities, pedestrian and bicycle trails and many other amenities. Tree-lined streets connect these parks to surrounding residential neighborhoods and to nearby parks and amenities throughout The COR.

Site Development

The Neighborhood Sub-district emphasizes residential development. To support the proposed mix of housing, a framework of streets and blocks, based on the traditional grid system, encourages compact development patterns with increasing densities closer to the heart of The COR. Typical blocks either front onto signature parks or include some private green space within the site; many blocks have both. The arterial streets that frame this property, including Ramsey, Armstrong and Bunker Lake Boulevards, provide an important 'face' for this sub-district. Residential front doors will connect with public walks along each of these streets promoting the urban character of The COR.

Architecture

The largest in terms of overall acreage, the Neighborhood Sub-district will define the character and quality of the entire northern half of The COR property. With prominent street frontage along most of the major thoroughfares that serve this site, the variety of choices for building type, architectural style and design detailing are crucial decisions that together will promote a safe and attractive residential neighborhood. Integrating contemporary and traditional styles is also an important consideration, central to the notion that a unique and creative model for housing development will be a signature for The COR. Architecture to be '4-sided' at all locations visible to public areas. Emphasis will be on great design along public street frontage.

Table 6

COR4 Development Standards						
	Arterial Street	Destination Street	Parkway	Connector Street	Downtown Street	Local Street
Minimum lot size	None	None	None	None	None	None
Minimum lot width	20 feet	20 feet	20 feet	20 feet	20 feet	20 feet
Minimum lot depth	80 feet	80 feet	80 feet	80 feet	80 feet	80 feet
Allowable residential density in dwelling units per acre ⁽¹⁾	4-15 DU/AC	4-15 DU/AC	4-15 DU/AC	4-15 DU/AC	4-15 DU/AC	4-15 DU/AC
Minimum floor area ratio (FAR) for nonresidential uses/vertically mixed buildings/sites	.25	.25	.25	.25	.25	.25
Build to Line						
Front yard ⁽⁴⁾	30 feet as measured from building front to right-of-way ⁽²⁾⁽³⁾ (60% of front facade w/in max.)	20 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	20 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	20 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	20 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	20 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)
Side yard	no req.	no req.	no req.	no req.	no req.	no req.
Rear yard	no req.	no req.	no req.	no req.	no req.	no req.
Driveway length (minimum)	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units	25 feet for residential units
Building height (min. - max.)	1-4 stories.	1-4 stories.	1-4 stories.	1-4 stories.	1-4 stories.	1-4 stories.
Planter Style	N/A	Planter Bed	Boulevard Sod	Boulevard Sod	N/A	Boulevard Sod
Tree Spacing (on center)	N/A	35 feet	35 feet	35 feet	35 feet	35 feet
Boulevard Width	N/A	6 feet	6 feet	6 feet	N/A	6 feet
Sidewalk Width	10 feet	10 feet	6 feet	10 feet	10 feet	10 feet

1. Residential density is based on the net area of the parcel in question for parcels. In the event that public open space that is not dedicated to the City is developed independently of any particular residential project, the land area of the open space shall be divided equally among those abutting projects for purposes of density calculations.
2. Build to line shall be measured from building front to edge of right-of-way, or edge of sidewalk easement as defined by the City and said sidewalk must be encumbered by a sidewalk easement recorded with the office of the Anoka County Recorder.
3. The City may approve up to a 60-foot setback if it finds that topography or other factors require that a building be set back further to achieve acceptable grades or buffer between the street, the site entrance and the building.
4. In order to address vision clearance standards on higher speed roadways, parcels that are located at an intersection with an arterial roadway are allowed a build-to line of 35 feet from both streets.

A. Screening Of Parking Areas: Wherever a surface parking area faces a street frontage, such frontage shall be screened with a decorative wall, railing, hedge, or a combination of these elements, to a minimum height of three feet (3') and a maximum height of four and one-half feet (4½') above the level of the parking lot, at the build-to line. This screening may be broken into sections along the street edge provided it meets the sixty (60%) percent required.

Sub-District Framework - COR5 Parks & Open Space

Public Realm/Streetscape

The overall structure of The COR is based on a system of linked parks, trails and open space. This includes existing and proposed parks and trails defined in city and regional parks plans, joined with new parks and trails within The COR. Of equal importance is the contribution from each block and each development project to this green structure, adding a variety of private, semi-private and perhaps some additional public space throughout each sub-district. Great strolling streets provide connections between commercial, workplace, entertainment and residential neighborhoods and encourage shared use for cars, pedestrians and bicycles.

Site Development

The COR Master Plan illustrates a strong framework of green space, including a mix of public parks, destination amenities, courtyards, commons and other features. As a key component of the overall plan, this integrated system of parks, trails and open space provides the framework around which all other land uses are organized. Placemaking and connectivity are important site development considerations, linking each block and each sub-district with major public spaces nearby and with many other amenities and attractions in The COR.

Architecture

There are numerous opportunities to include buildings and other structures as significant design features within the proposed parks, trails and open space system for The COR. These could range from simple picnic shelters and landscaped arbors to more complex park buildings that might contain meeting rooms, rest rooms, storage areas and other facilities. Design of these important buildings should respond to the specific setting and landscape features in each park, and complement the overall character and quality of buildings located within surrounding blocks. Additionally, limited retail is planned along the perimeter of the park.

Table 7

COR5 Development Standards						
	Arterial Street	Destination Street	Parkway	Connector Street	Downtown Street	Local Street
Minimum lot size	0.5	N/A	0.5	0.5	0.5	0.5
Minimum lot width	N/A	N/A	N/A	N/A	N/A	N/A
Minimum lot depth	N/A	N/A	N/A	N/A	N/A	N/A
Allowable residential density in dwelling units per acre ⁽¹⁾	N/A	N/A	N/A	N/A	N/A	N/A
Minimum floor area ratio (FAR) for nonresidential uses/vertically mixed buildings/sites	N/A	N/A	N/A	N/A	N/A	N/A
Build to Line						
Front yard ⁽⁴⁾	30 feet as measured from building front to right-of-way ⁽²⁾⁽³⁾ (60% of front facade w/in max.)	N/A	10 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	10 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	10 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)	10 feet as measured from building front to right-of-way ⁽²⁾ (60% of front facade w/in max.)
Side yard	no req.	N/A	no req.	no req.	no req.	no req.
Rear yard	no req.	N/A	no req.	no req.	no req.	no req.
Driveway length (minimum)	25 feet	N/A	25 feet	25 feet	25 feet	25 feet
Building height (min. - max.)	1-2 stories.	N/A	1-2 stories.	1-2 stories.	1-2 stories.	1-2 stories.
Planter Style	N/A	N/A	Boulevard Sod	Boulevard Sod	N/A	Boulevard Sod
Tree Spacing (on center)	N/A	N/A	35 feet	35 feet	35 feet	35 feet
Boulevard Width	N/A	N/A	6 feet	6 feet	N/A	6 feet
Sidewalk Width	10 feet	N/A	6 feet	10 feet	10 feet	10 feet

1. Residential density is based on the net area of the parcel in question for parcels. In the event that public open space that is not dedicated to the City is developed independently of any particular residential project, the land area of the open space shall be divided equally among those abutting projects for purposes of density calculations.
2. Build to line shall be measured from building front to edge of right-of-way, or edge of sidewalk easement as defined by the City and said sidewalk must be encumbered by a sidewalk easement recorded with the office of the Anoka County Recorder.
3. The City may approve up to a 60-foot setback if it finds that topography or other factors require that a building be set back further to achieve acceptable grades or buffer between the street, the site entrance and the building.
4. In order to address vision clearance standards on higher speed roadways, parcels that are located at an intersection with an arterial roadway are allowed a build-to line of 35 feet from both streets.

A. Where commercial buildings are planned, at least sixty (60%) percent of street frontage of any lot shall be occupied by building facades meeting this build-to-line. On lots with more than one (1) street frontage, the build to line shall apply on each side fronting a street. An enclosed open area plaza space or outdoor seating with a decorative wall with a minimum height of three feet (3') and a maximum of four and one-half feet (4 ½') can be used to meet the sixty (60%) percent street frontage requirement.

B. Screening Of Parking Areas: Wherever a surface parking area faces a street frontage, such frontage shall be screened with a decorative wall, railing, hedge, or a combination of these elements, to a minimum height of three feet (3') and a maximum height of four and one-half feet (4 ½') above the level of the parking lot, at the build-to line. This screening may be broken into sections along the street edge provided it meets the sixty (60%) percent required.

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Implementation

Introduction

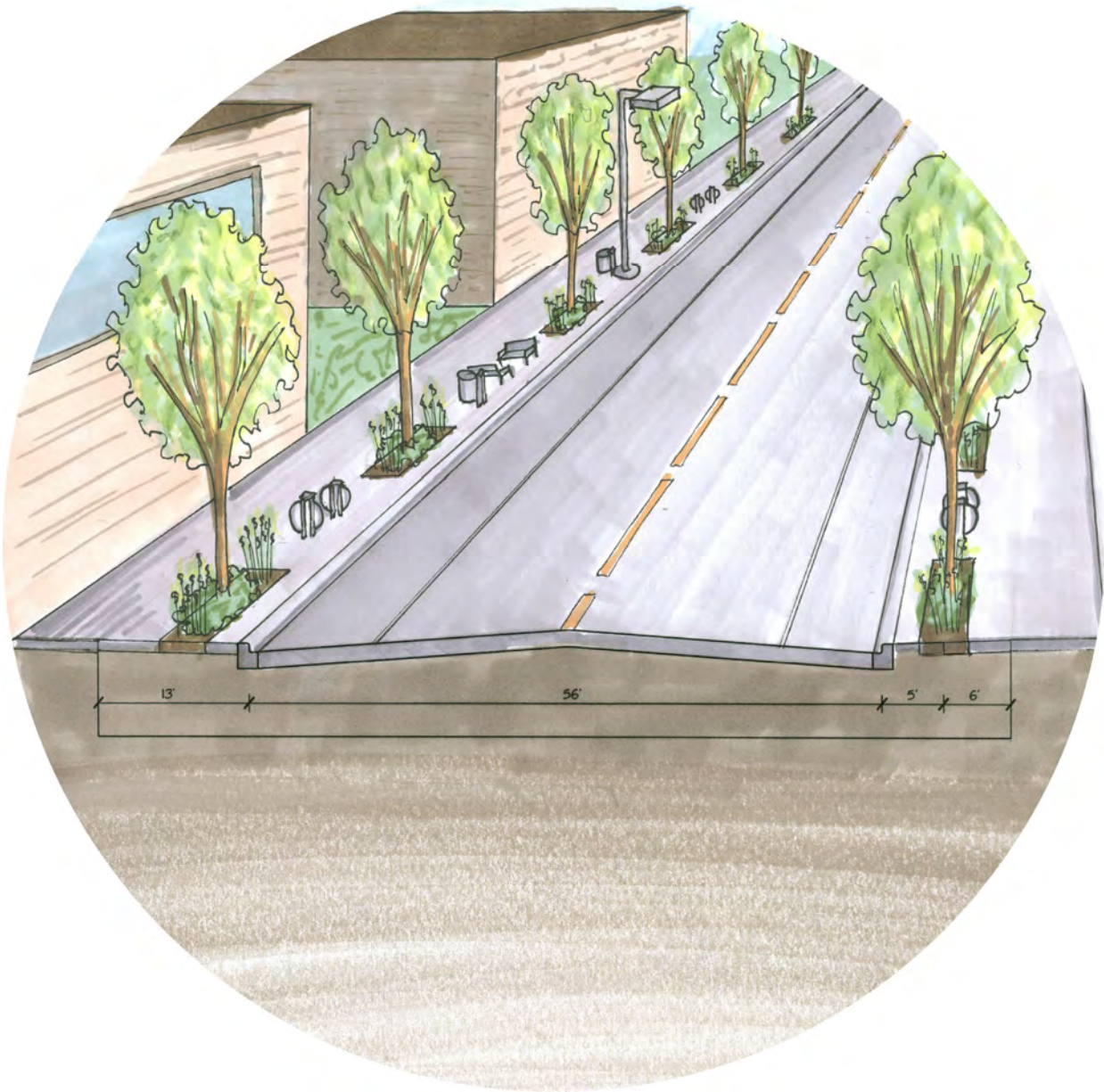
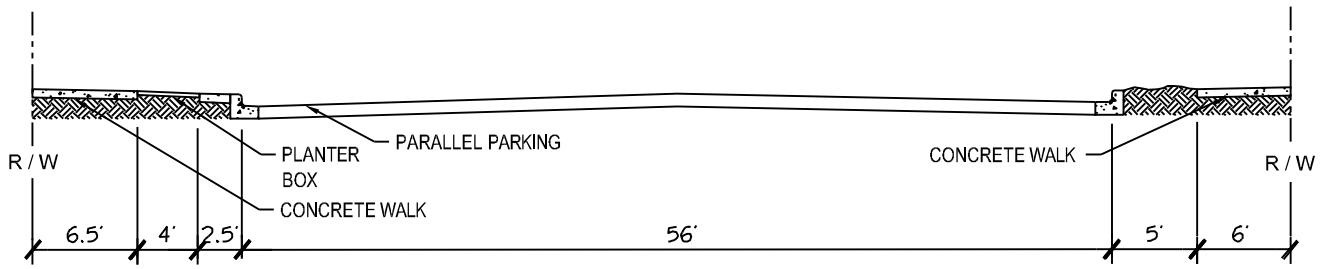
This framework provides distinct strategies for guiding The COR's form and appearance. This framework's vision for the COR will take several years to implement. Successful implementation will require consistent application of the Design Framework by City staff. Zoning enforcement and design framework standards will not succeed without the cooperation and commitment of landowners, development interests, and the rest of the community.

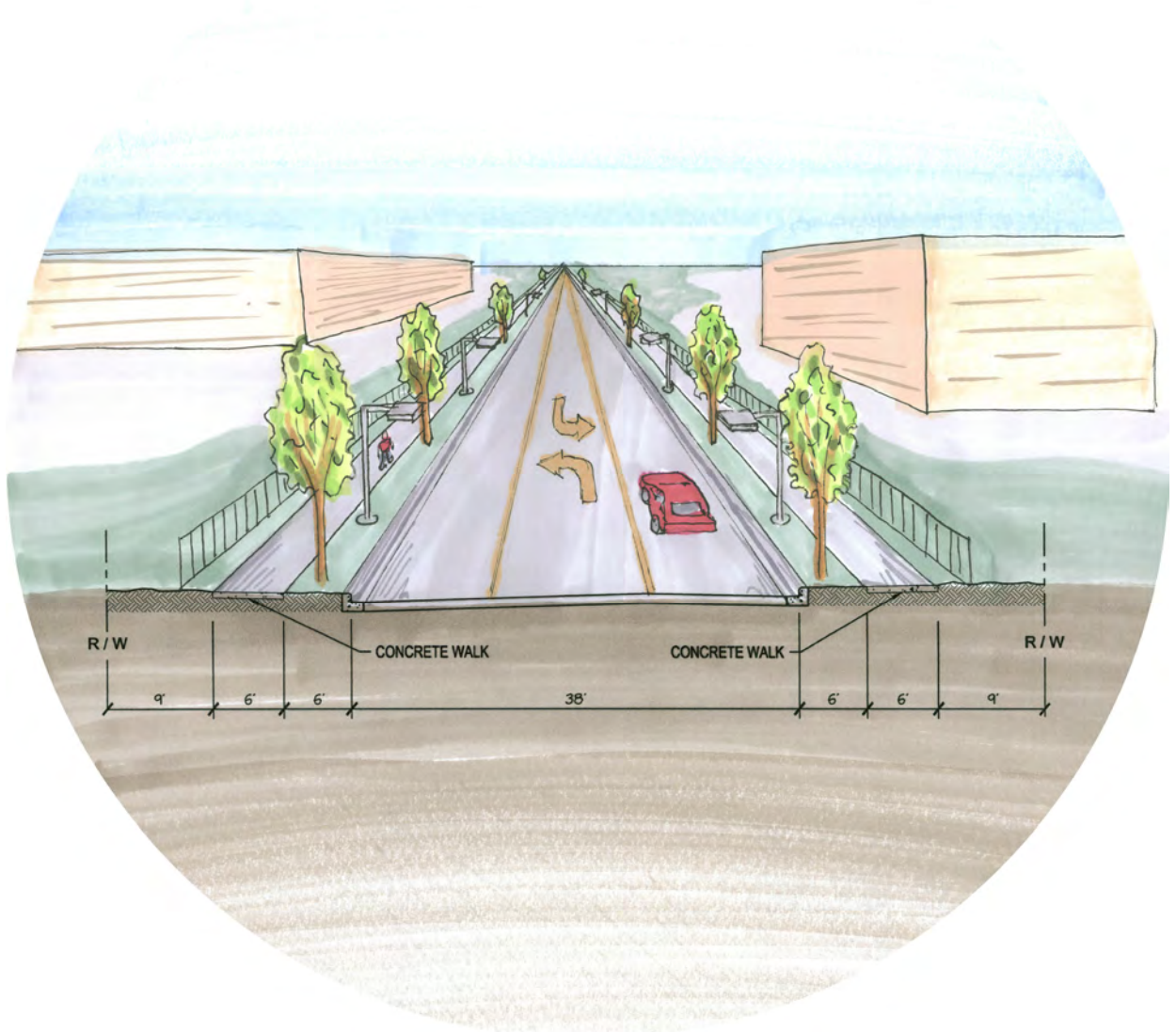
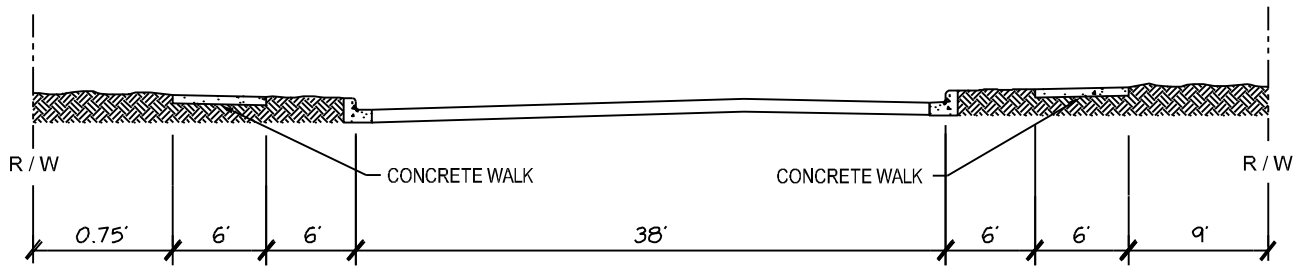
Design Review

The Design Framework will be administered by staff as part of the development review process. Staff will incorporate design review to ensure compliance with the Design Framework as a standard step in the development review process.

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APPENDIX A: SPECIFICATIONS AND DETAILS





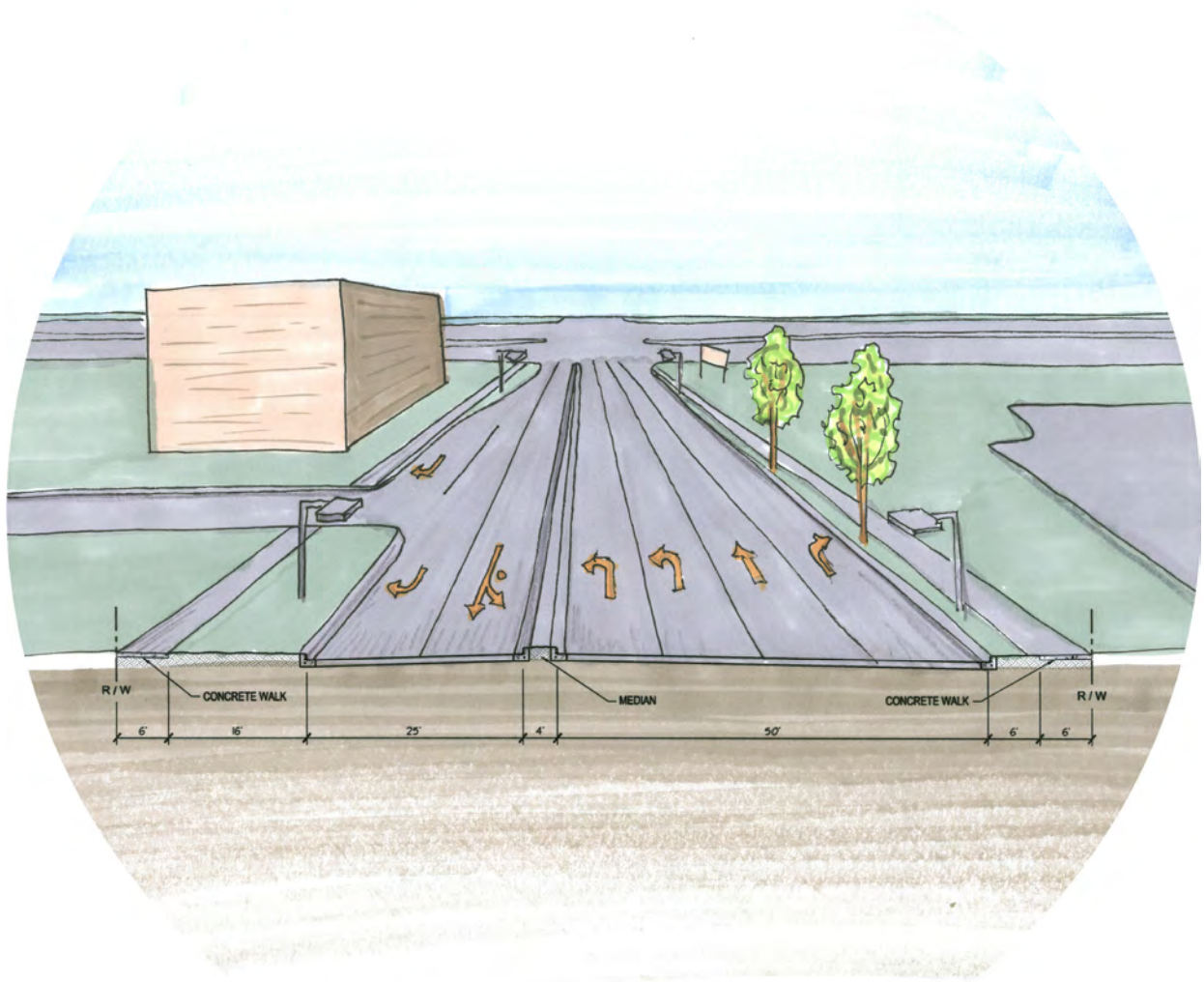
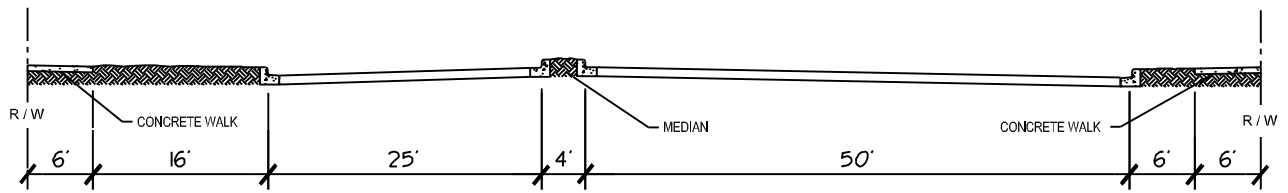
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L A N D F O R M

 From Site to Finish

DESIGN FRAMEWORK
 The COR at Ramsey
 PERSPECTIVE SECTION #2
 Sunwood Dr. West of Zeolite St.

THE
COR
 RAMSEY, MINNESOTA



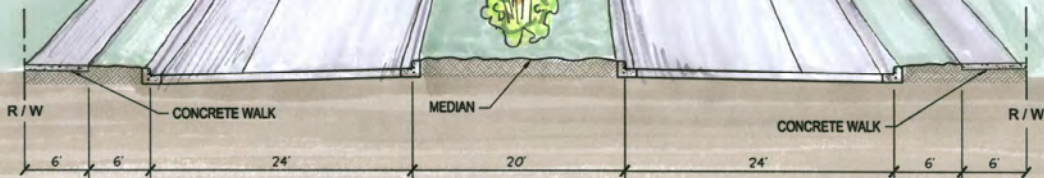
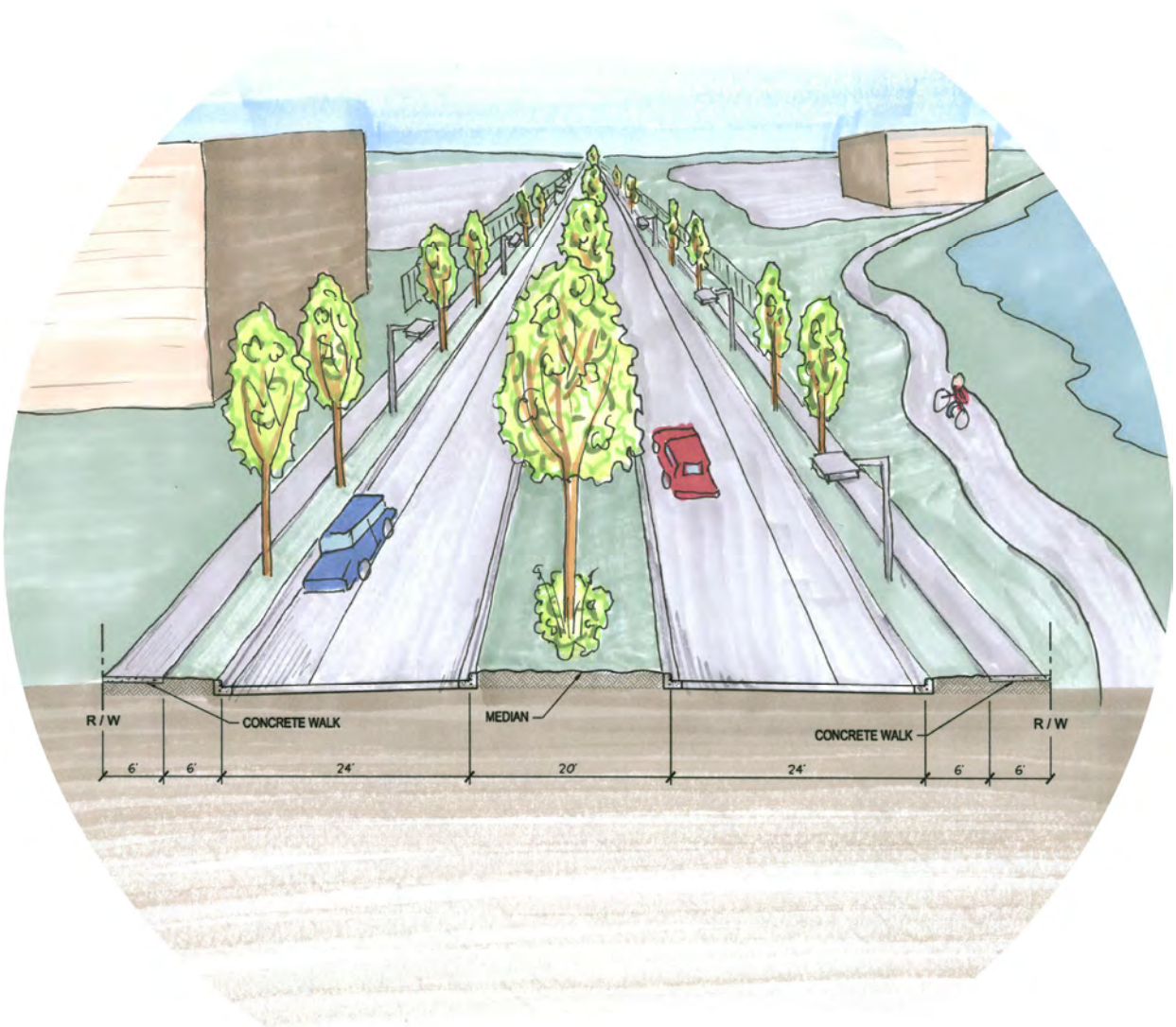
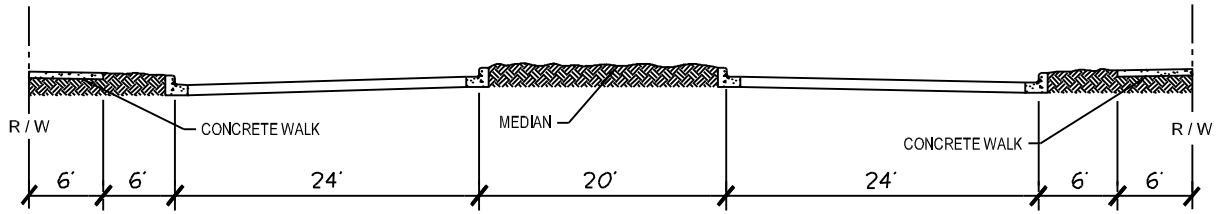
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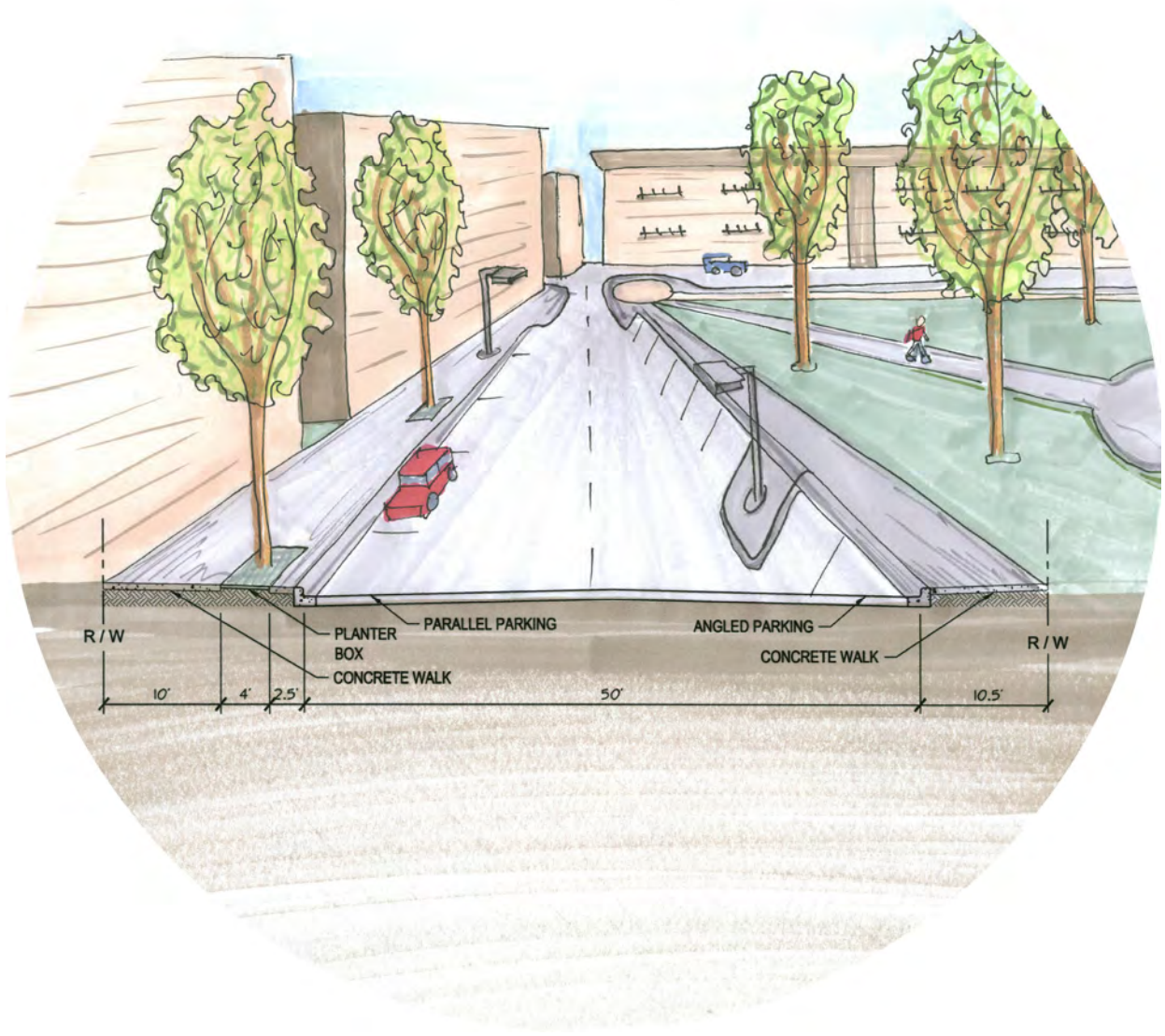
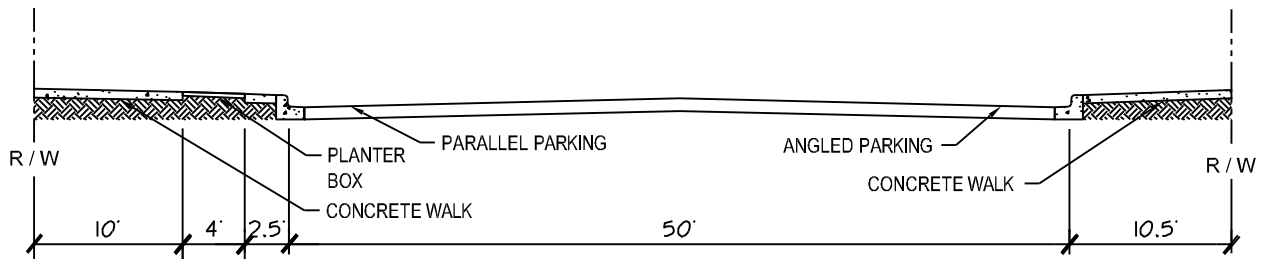
L A N D F O R M

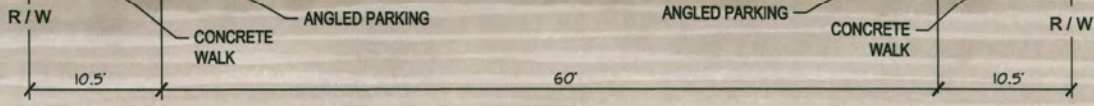
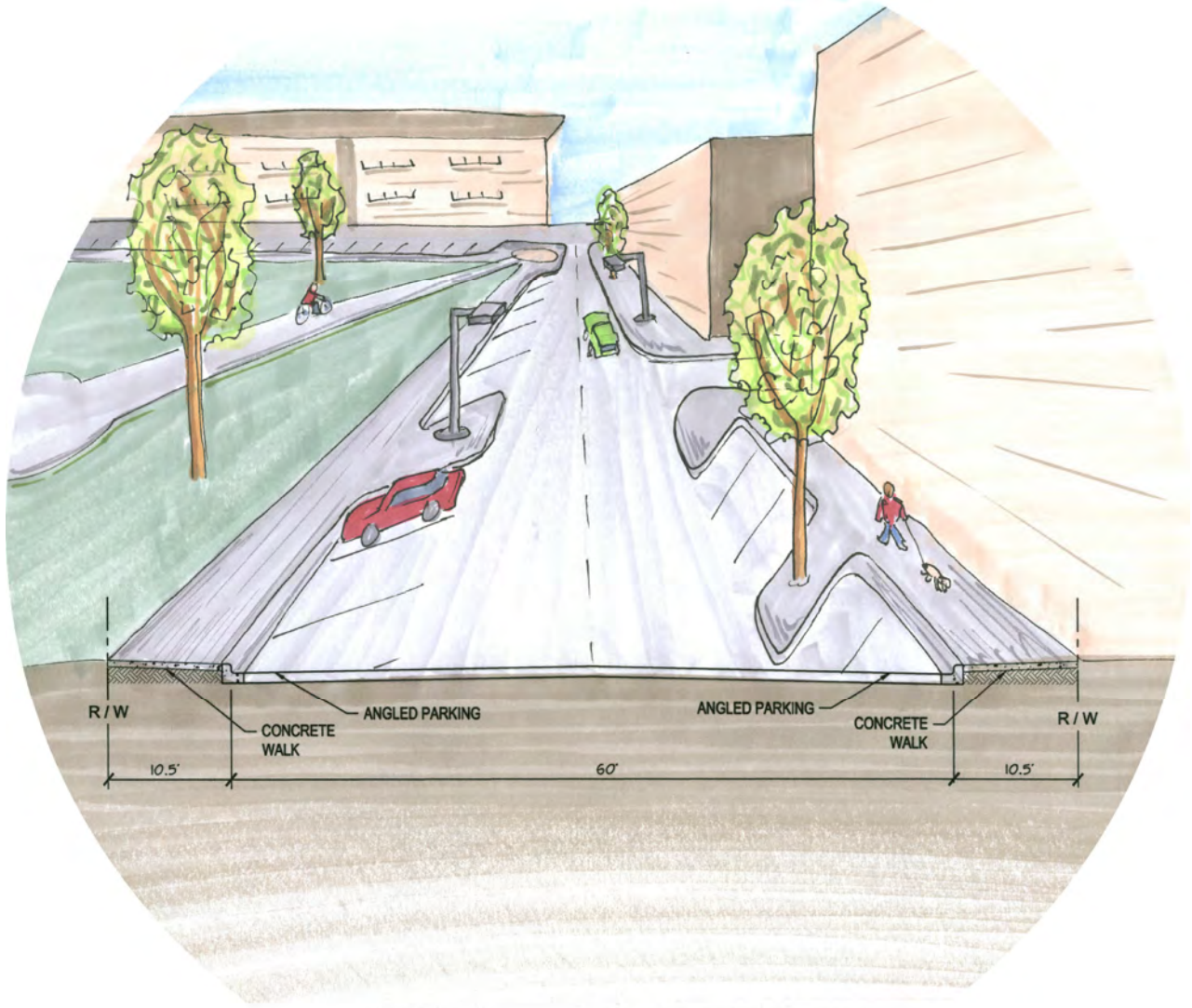
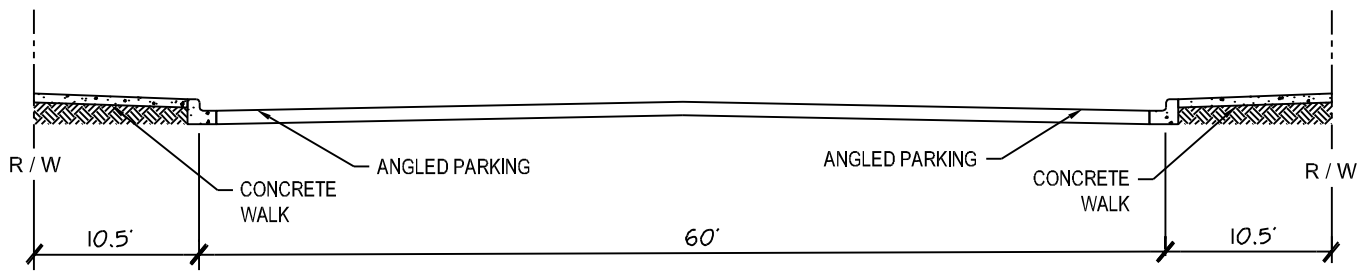
 From Site to Finish

DESIGN FRAMEWORK
The COR at Ramsey
 PERSPECTIVE SECTION #3
 Ramsey Pkwy. West of Roundabout





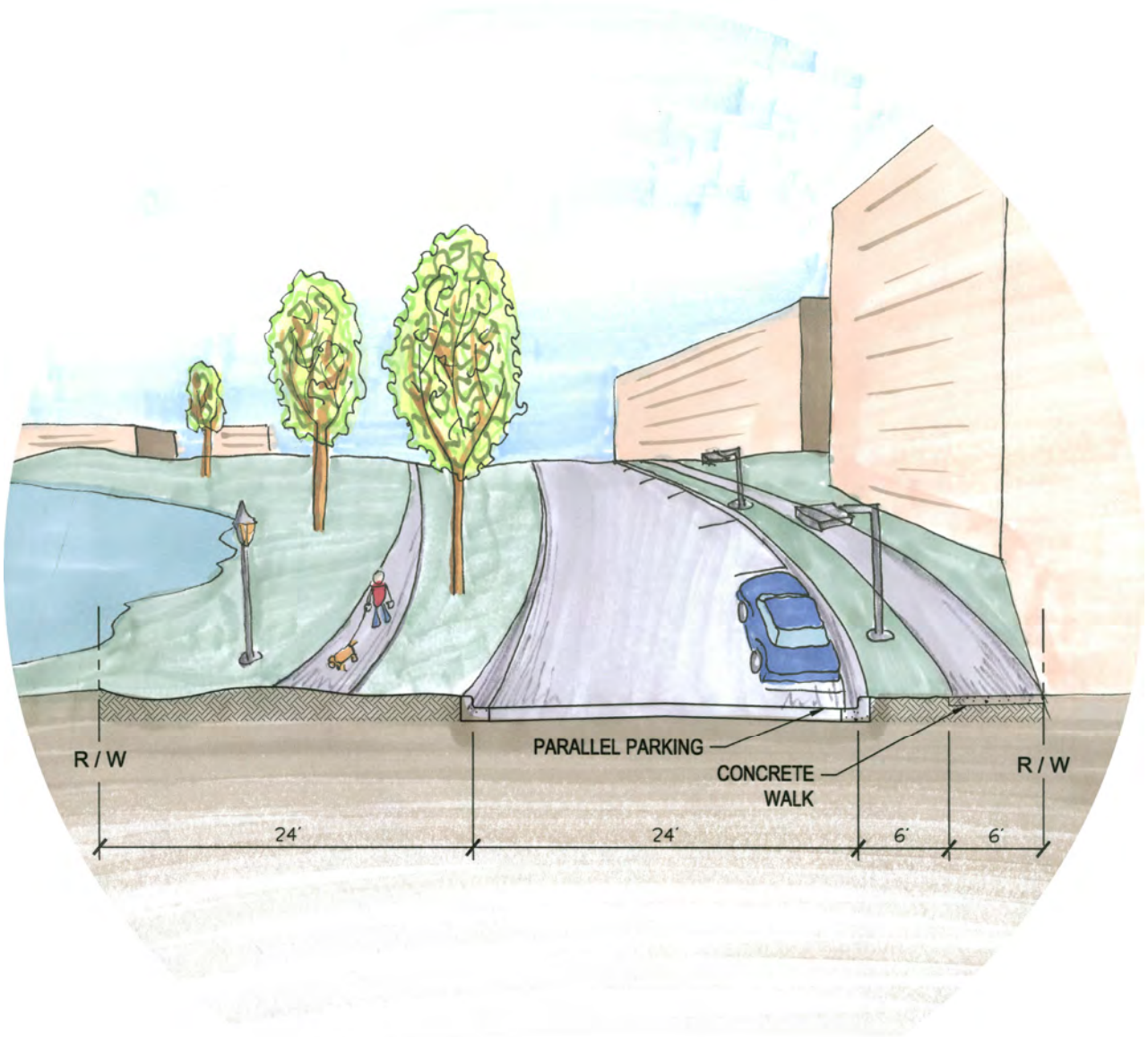
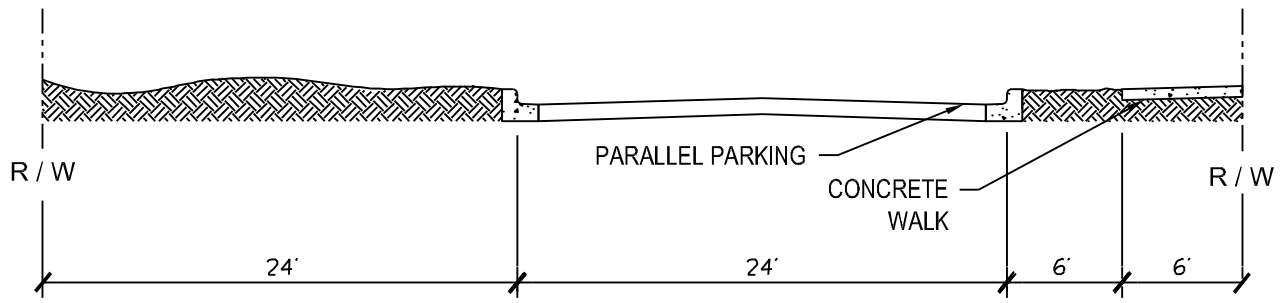




LANDFORM
From Site to Finish

DESIGN FRAMEWORK
The COR at Ramsey
PERSPECTIVE SECTION #6
Center St. East of Municipal Plaza

THE
COR
RAMSEY, MINNESOTA



● ●
L A N D F O R M
 From Site to Finish

DESIGN FRAMEWORK
 The COR at Ramsey
 PERSPECTIVE SECTION #7
 Ramsey Pkwy. South of The Draw



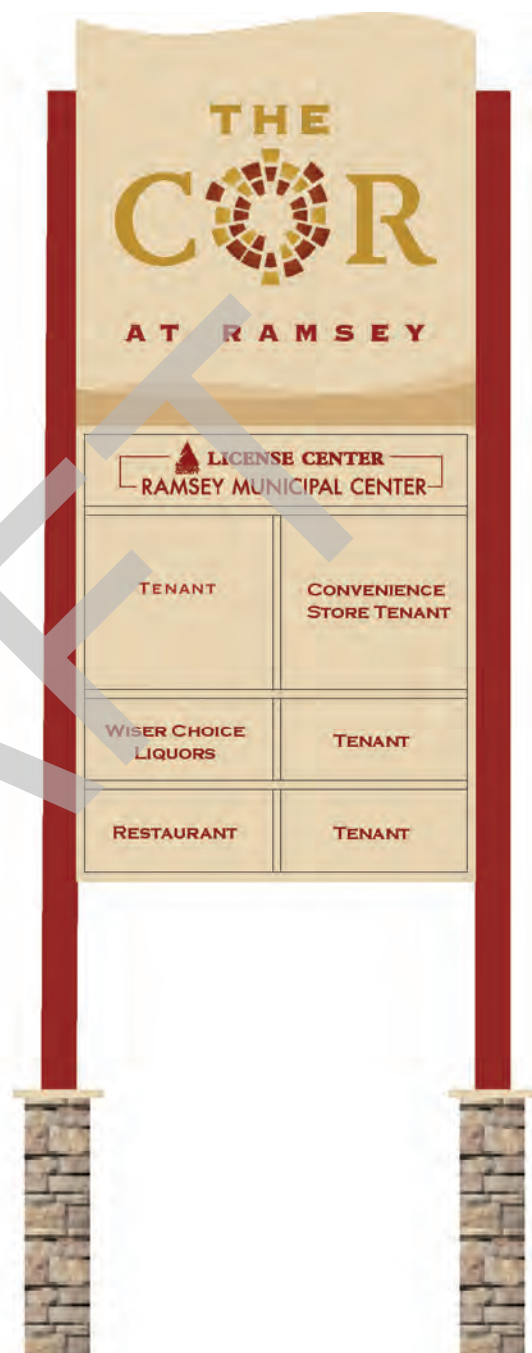


EXHIBIT B.1

	<p>DESIGN FRAMEWORK The COR at Ramsey</p>	
	<p>PYLON/COMMUNITY SIGN 'A' Armstrong Blvd. & Highway 10</p>	



Eastbound



Westbound

EXHIBIT B.2



DESIGN FRAMEWORK
The COR at Ramsey

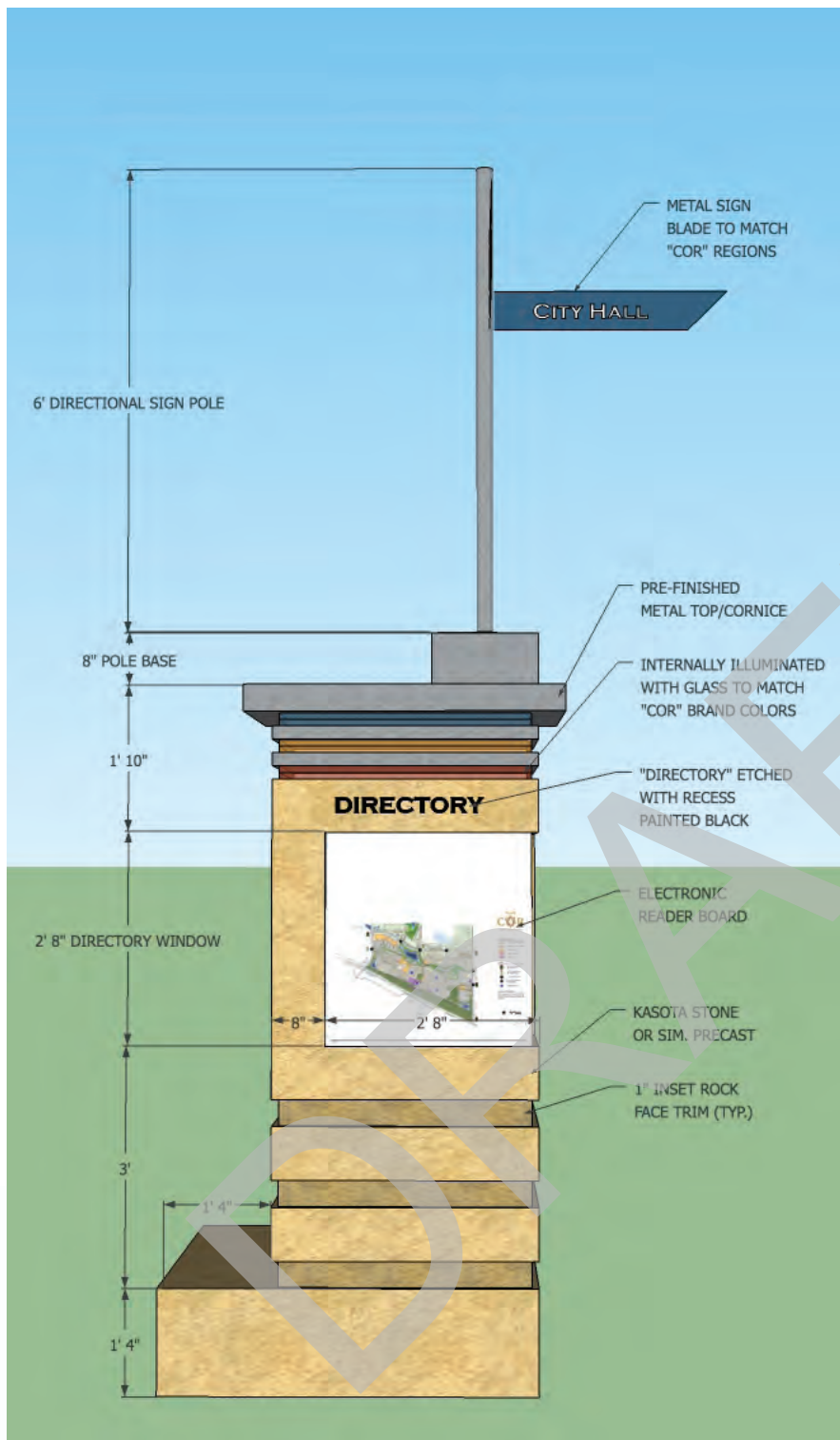
PYLON/COMMUNITY SIGN 'B'
Commuter Rail & Highway 10





EXHIBIT B.3

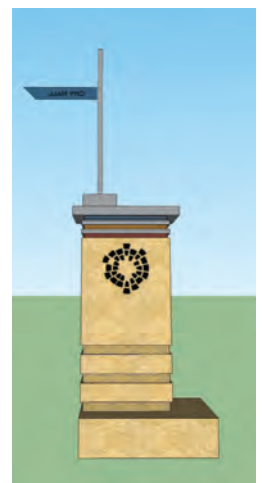
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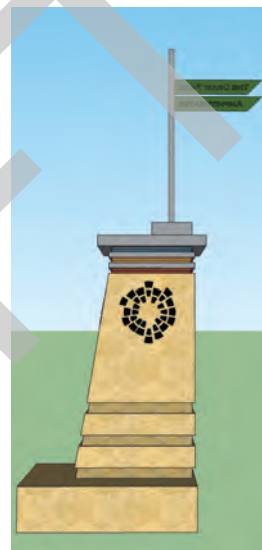
DIRECTORY PANEL VIEW



EVENTS PANEL VIEW



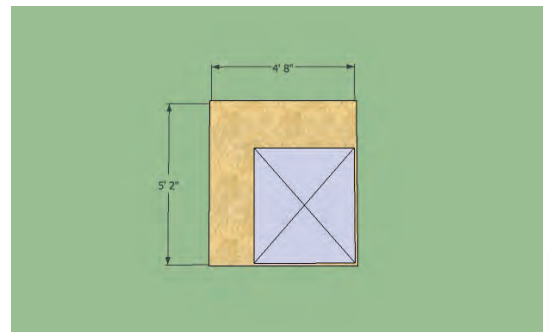
REAR VIEW



SIDE VIEW



PERSPECTIVE



PLAN VIEW

EXHIBIT B.4



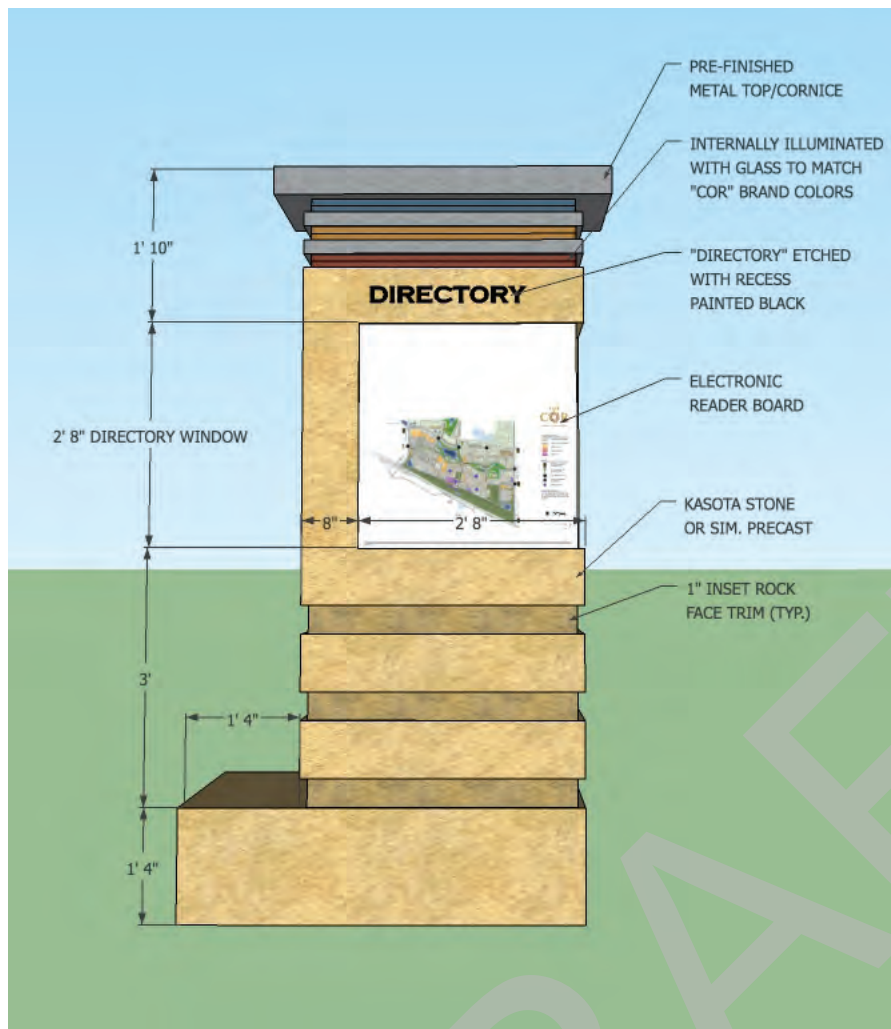
DESIGN FRAMEWORK

The COR at Ramsey

COMMUNITY KIOSK 'A'

Commuter Rail & Veterans Dr.

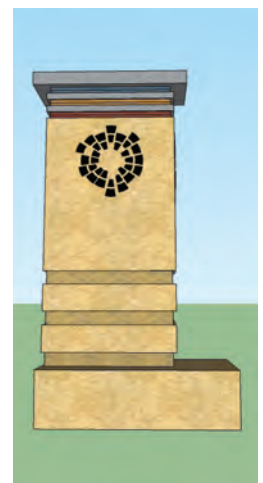




DIRECTORY PANEL VIEW



EVENTS PANEL VIEW



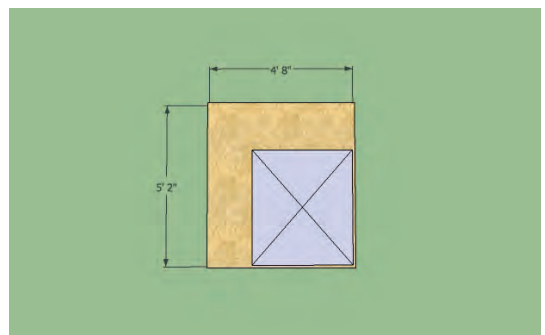
REAR VIEW



SIDE VIEW



PERSPECTIVE



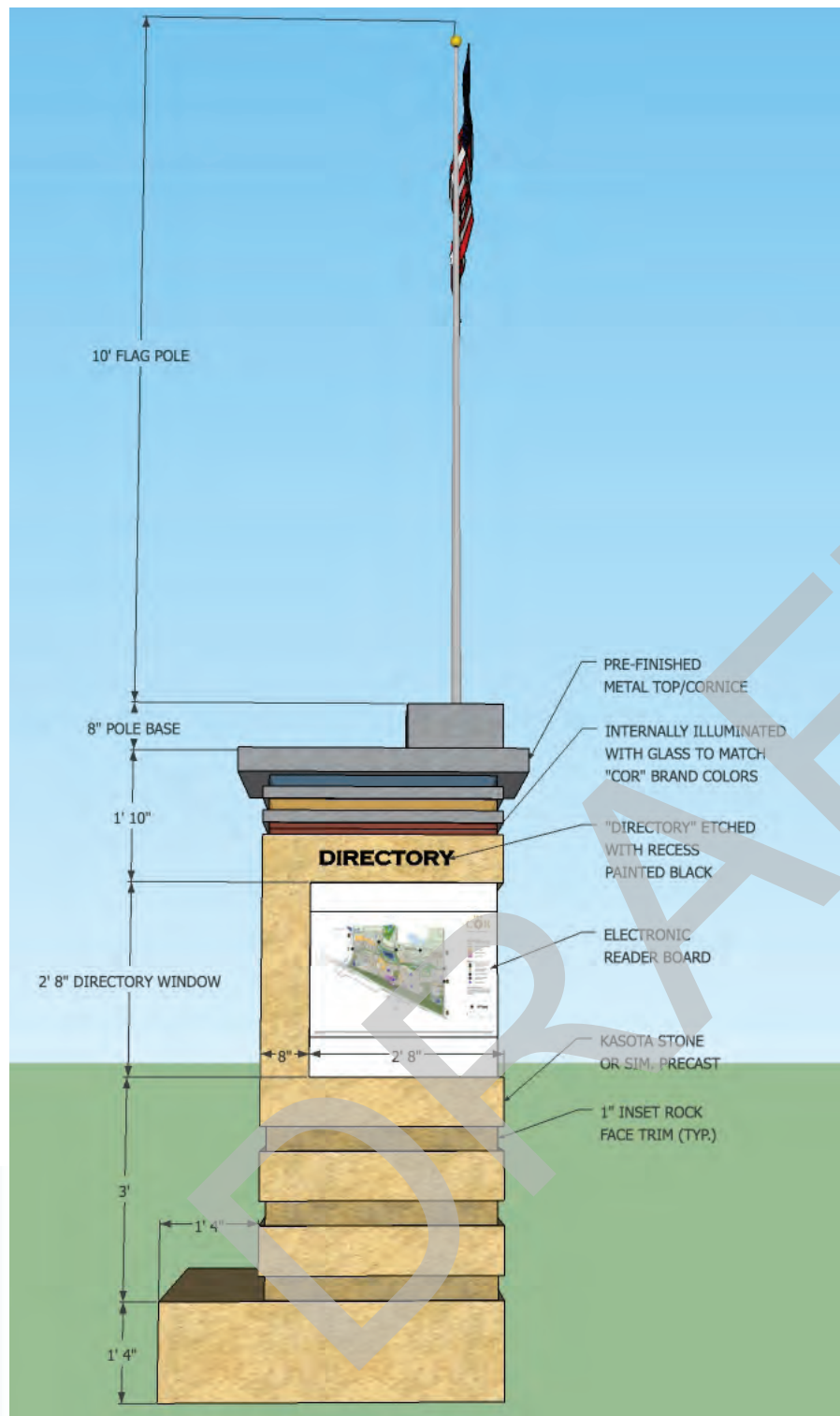
PLAN VIEW

EXHIBIT B.5

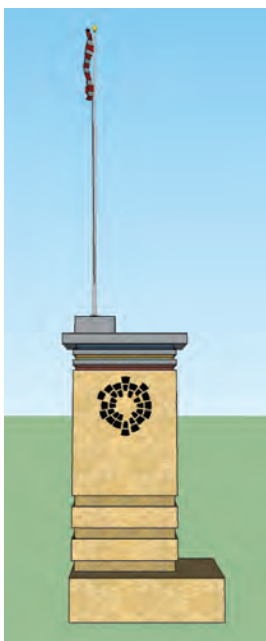
LANDFORM
From Site to Finish

DESIGN FRAMEWORK
The COR at Ramsey
COMMUNITY KIOSK 'B'
Sunwood Dr. & Center St.

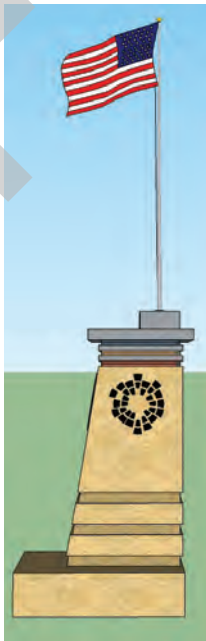
THE COR
RAMSEY, MINNESOTA



EVENTS PANEL VIEW



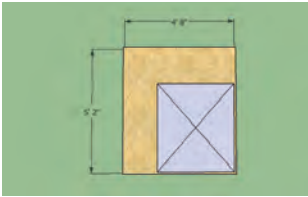
REAR VIEW



SIDE VIEW



PERSPECTIVE

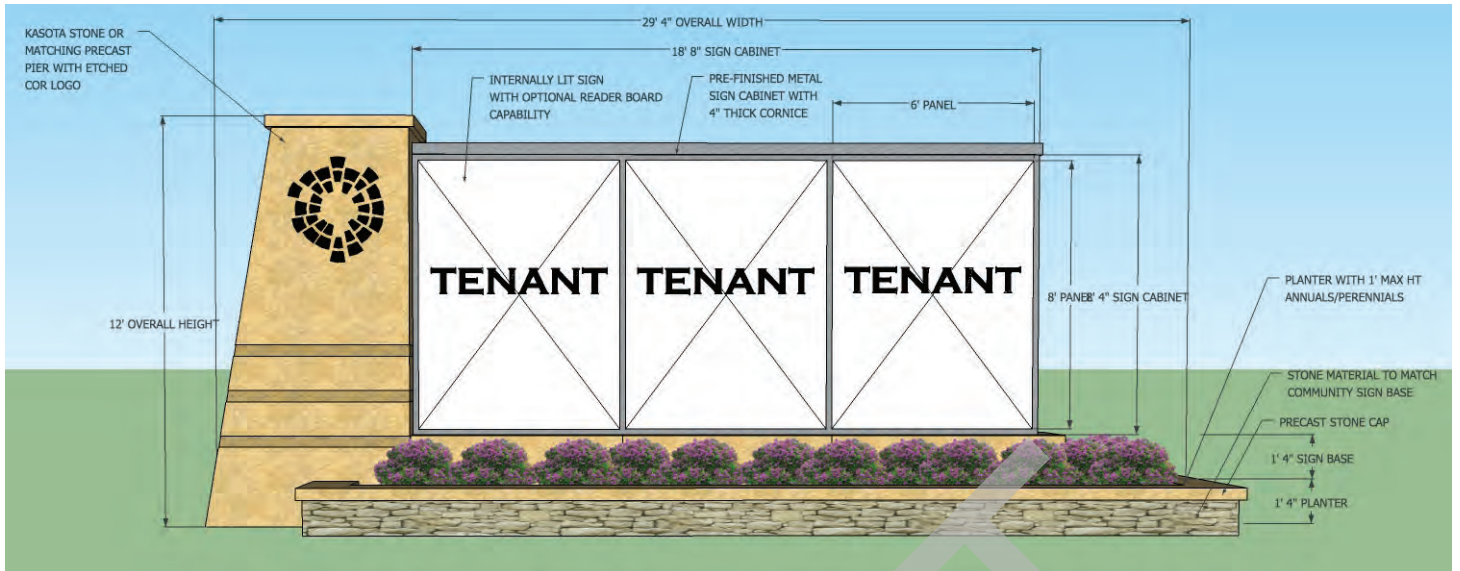


PLAN VIEW

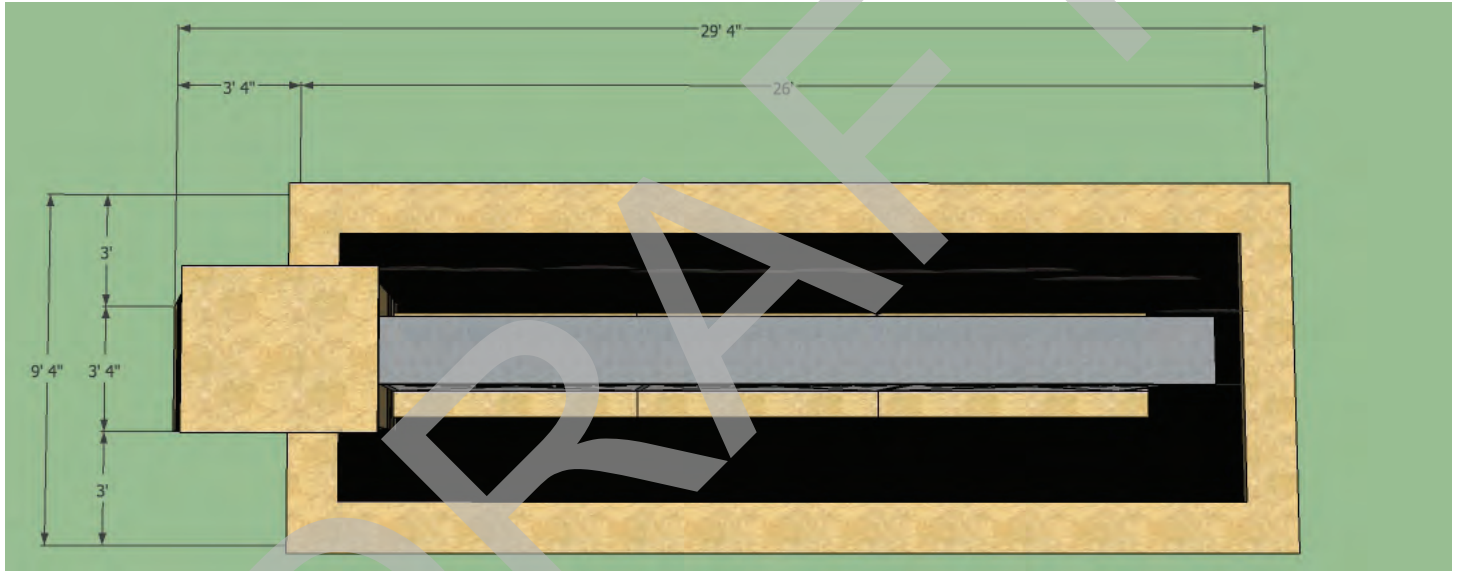
DIRECTORY PANEL VIEW

EXHIBIT B.6

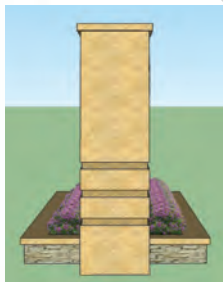
DESIGN FRAMEWORK
The COR at Ramsey
 COMMUNITY KIOSK 'C'
 Sunwood Dr. at Municipal Plaza



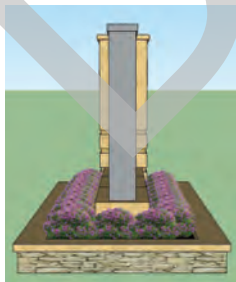
ELEVATION AT SUNWOOD



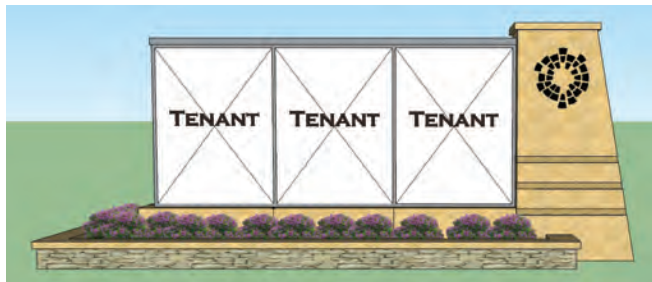
PLAN VIEW



PROFILE VIEW



PROFILE VIEW



ELEVATION

EXHIBIT B.7



DESIGN FRAMEWORK
The COR at Ramsey
 PROJECT GATEWAY SIGN 'A'
 Sunwood Dr. & Armstrong Blvd.



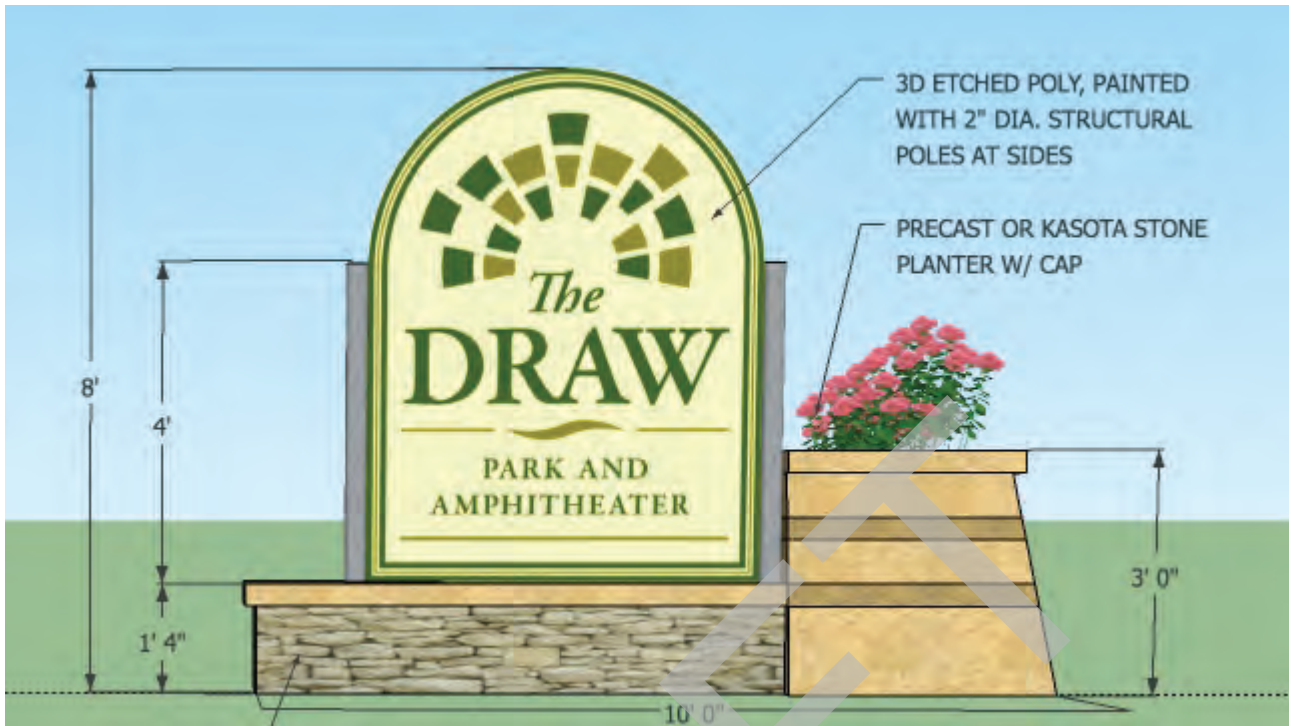
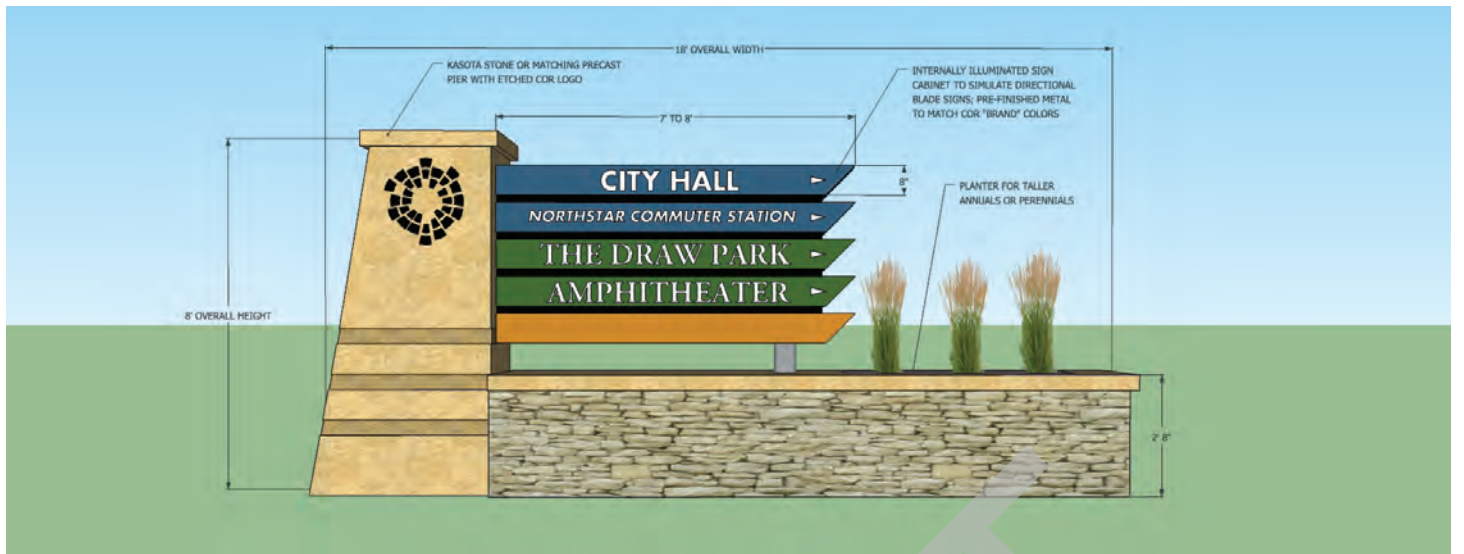
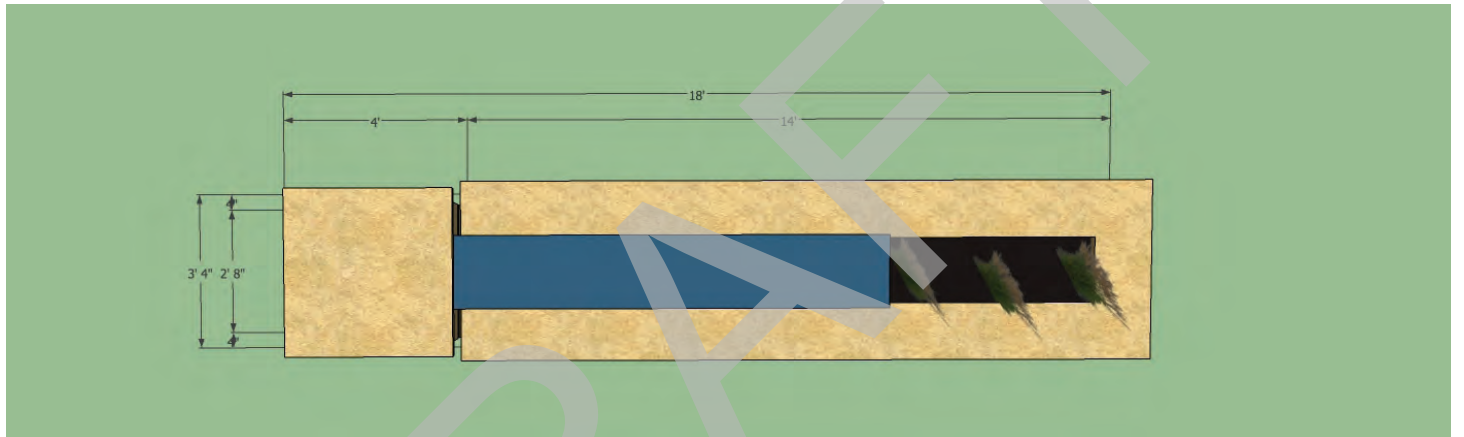


EXHIBIT B.8



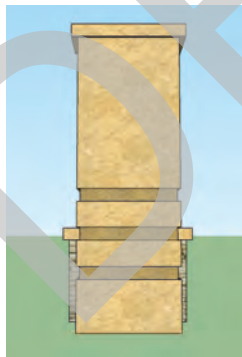
ELEVATION AT EASTBOUND BUNKER LAKE



PLAN VIEW



PROFILE VIEW



PROFILE VIEW



ELEVATION AT WESTBOUND BUNKER LAKE

EXHIBIT B.9

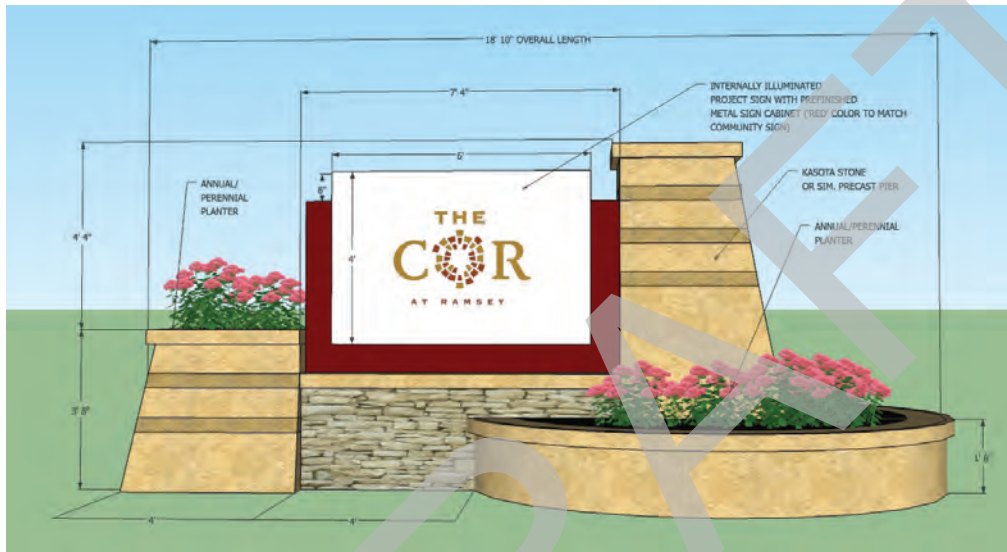
LANDFORM
From Site to Finish

DESIGN FRAMEWORK
The COR at Ramsey
PROJECT GATEWAY SIGN 'C'
Bunker Lake Blvd. & Center St.

THE COR
RAMSEY, MINNESOTA



ELEVATION AT SOUTH BOUND RAMSEY



ELEVATION AT WESTBOUND BUNKER LAKE



PERSPECTIVE

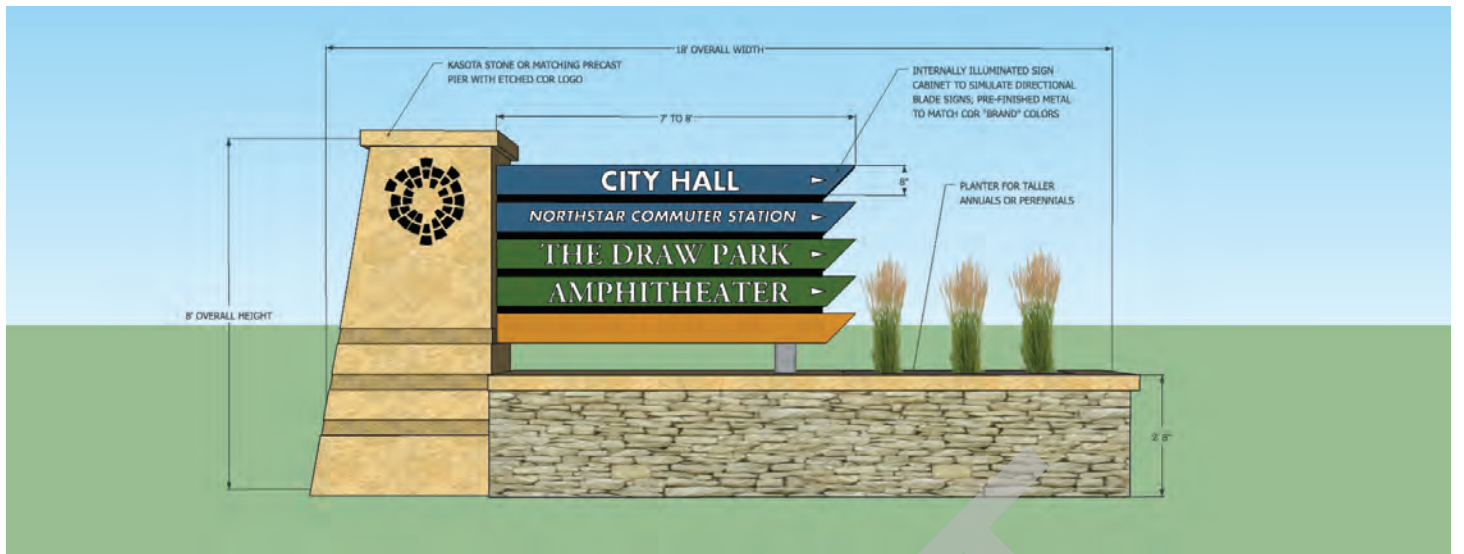
EXHIBIT B.10



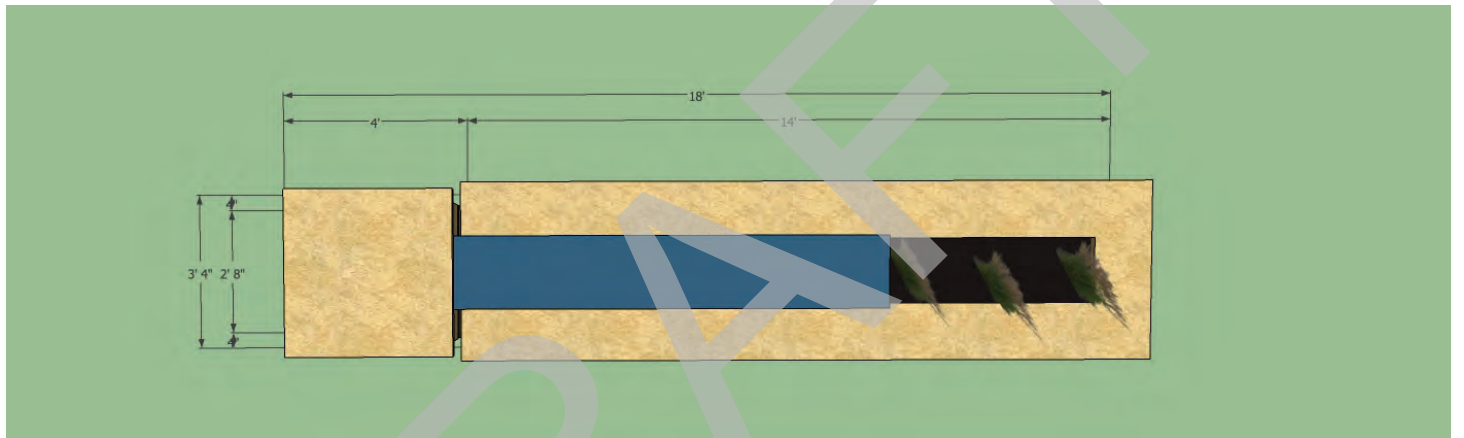
DESIGN FRAMEWORK
The COR at Ramsey

PROJECT GATEWAY SIGN 'D'
Bunker Lake Blvd. & Ramsey Blvd.





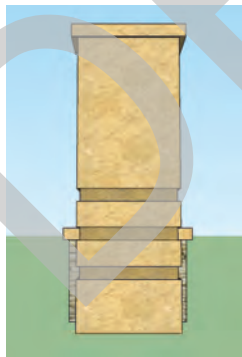
ELEVATION AT SOUTHBOUND RAMSEY



PLAN VIEW



PROFILE VIEW



PROFILE VIEW



ELEVATION AT NORTHBOUND RAMSEY

EXHIBIT B.11



DESIGN FRAMEWORK
The COR at Ramsey
 PROJECT GATEWAY SIGN 'E'
 Sunwood Dr. & Ramsey Blvd.





EXHIBIT B.12

LANDFORM

 From Site to Finish

DESIGN FRAMEWORK
 The COR at Ramsey
 PUBLIC PARKING SIGNAGE
 Standard Signage

THE
COR
 RAMSEY, MINNESOTA



EXHIBIT B.13

LANDFORM

 From Site to Finish

DESIGN FRAMEWORK

The COR at Ramsey

 LIGHT POLE BANNER SIGNS

 Standard Signage



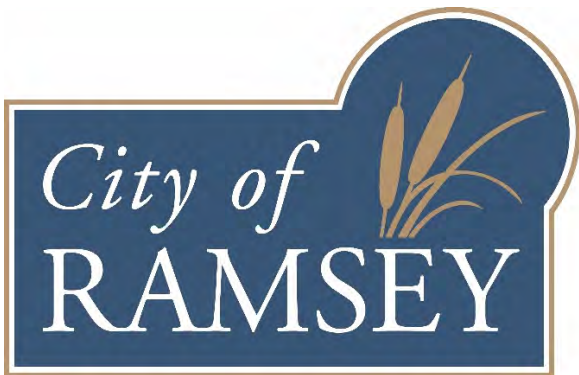


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The COR Analysis Update

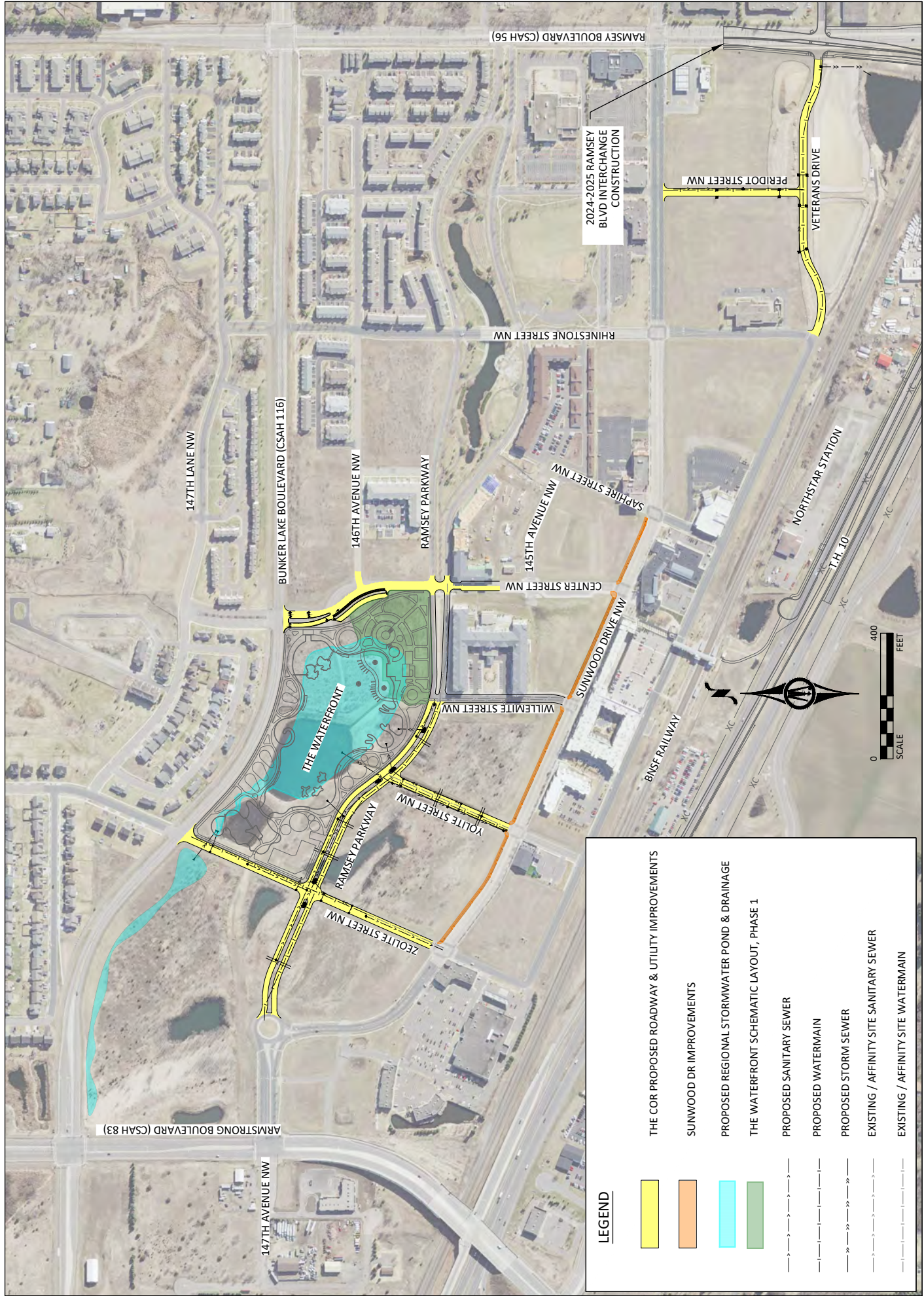
City of Ramsey

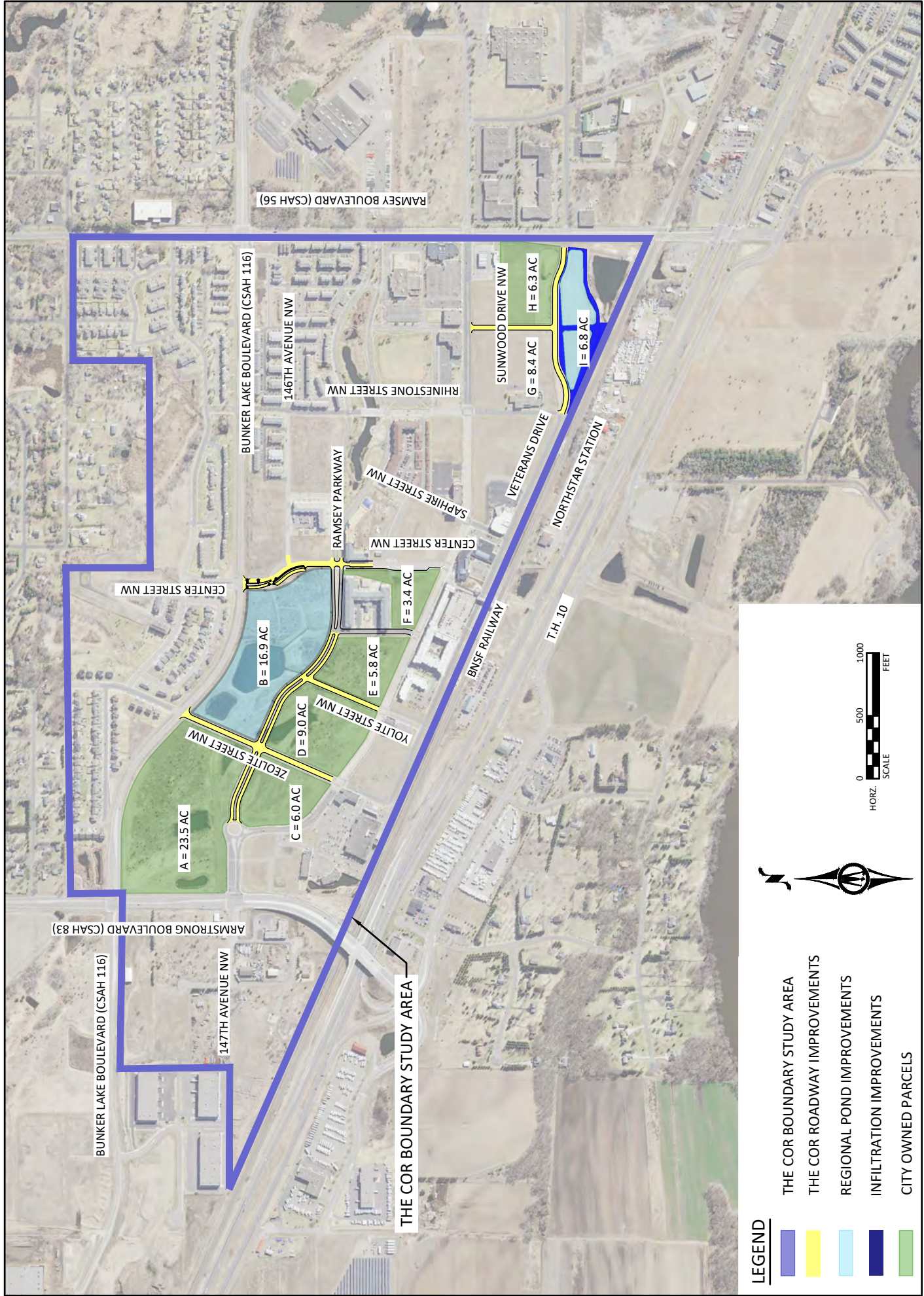
February 24, 2023

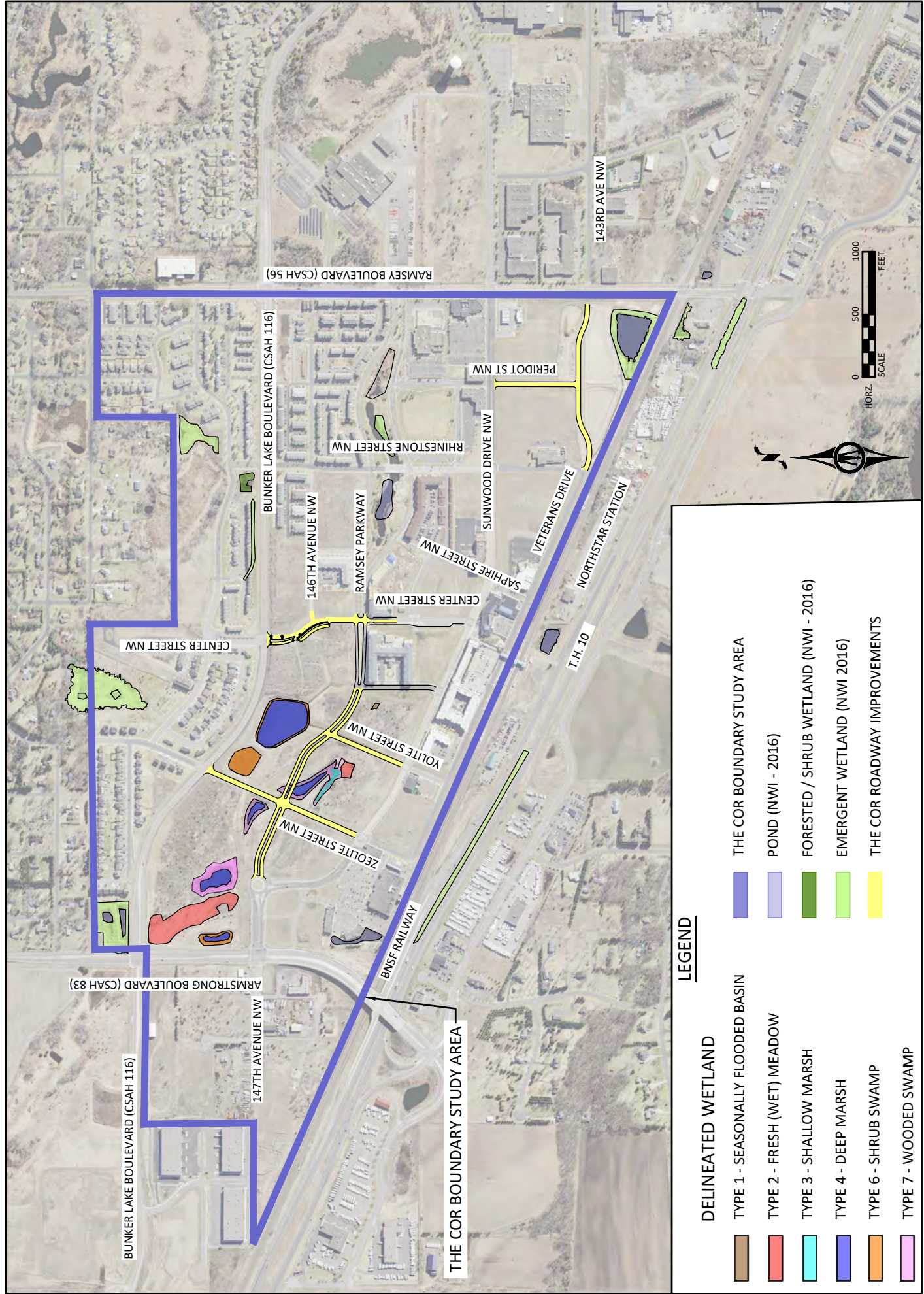


Submitted by:

Bolton & Menk, Inc.
7533 Sunwood Drive NW #206
Ramsey, MN 55303
P: 763-433-2851
F: 763-427-0833

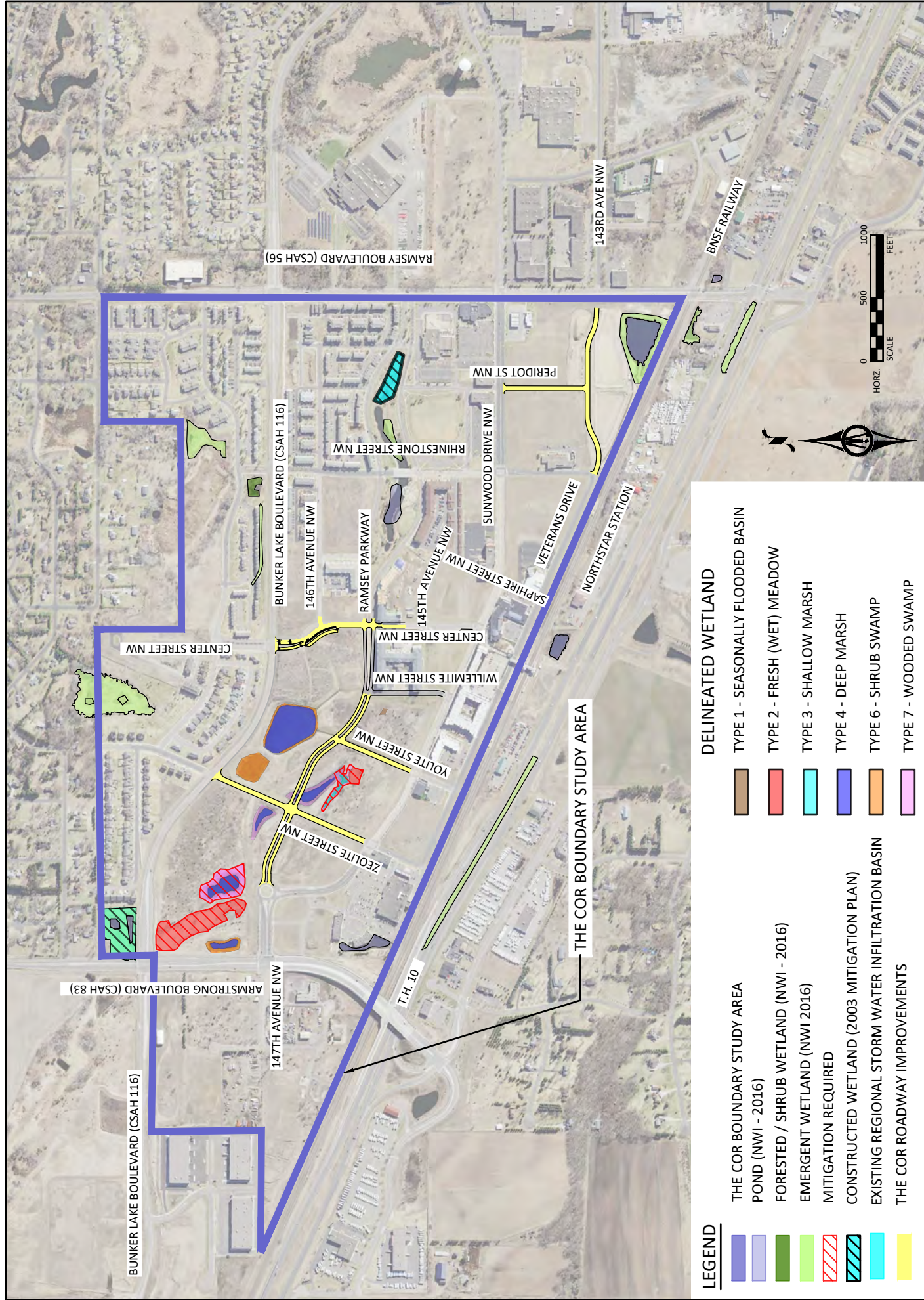






LEGEND

DELINEATED WETLAND	
	TYPE 1 - SEASONALLY FLOODED BASIN
	TYPE 2 - FRESH (WET) MEADOW
	TYPE 3 - SHALLOW MARSH
	TYPE 4 - DEEP MARSH
	TYPE 6 - SHRUB SWAMP
	TYPE 7 - WOODED SWAMP
	THE COR BOUNDARY STUDY AREA
	POND (NWI - 2016)
	FORESTED / SHRUB WETLAND (NWI - 2016)
	EMERGENT WETLAND (NWI 2016)
	THE COR ROADWAY IMPROVEMENTS

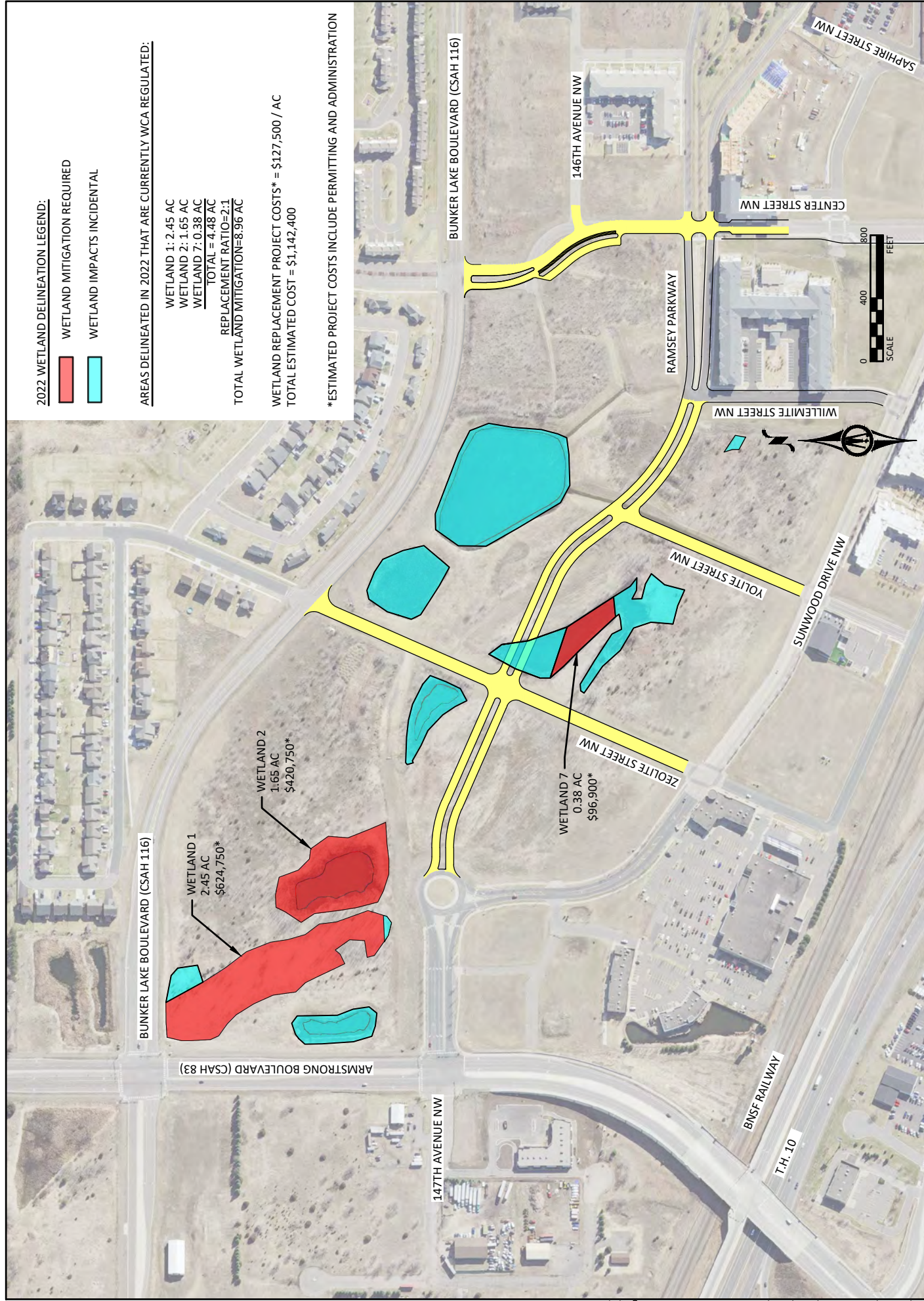


LEGEND

- THE COR BOUNDARY STUDY AREA
- POND (NWI - 2016)
- FORESTED / SHRUB WETLAND (NWI - 2016)
- EMERGENT WETLAND (NWI 2016)
- MITIGATION REQUIRED
- CONSTRUCTED WETLAND (2003 MITIGATION PLAN)
- EXISTING REGIONAL STORM WATER INFILTRATION BASIN
- THE COR ROADWAY IMPROVEMENTS

DELINEATED WETLAND

- TYPE 1 - SEASONALLY FLOODED BASIN
- TYPE 2 - FRESH (WET) MEADOW
- TYPE 3 - SHALLOW MARSH
- TYPE 4 - DEEP MARSH
- TYPE 6 - SHRUB SWAMP
- TYPE 7 - WOODED SWAMP



2022 WETLAND DELINEATION LEGEND:

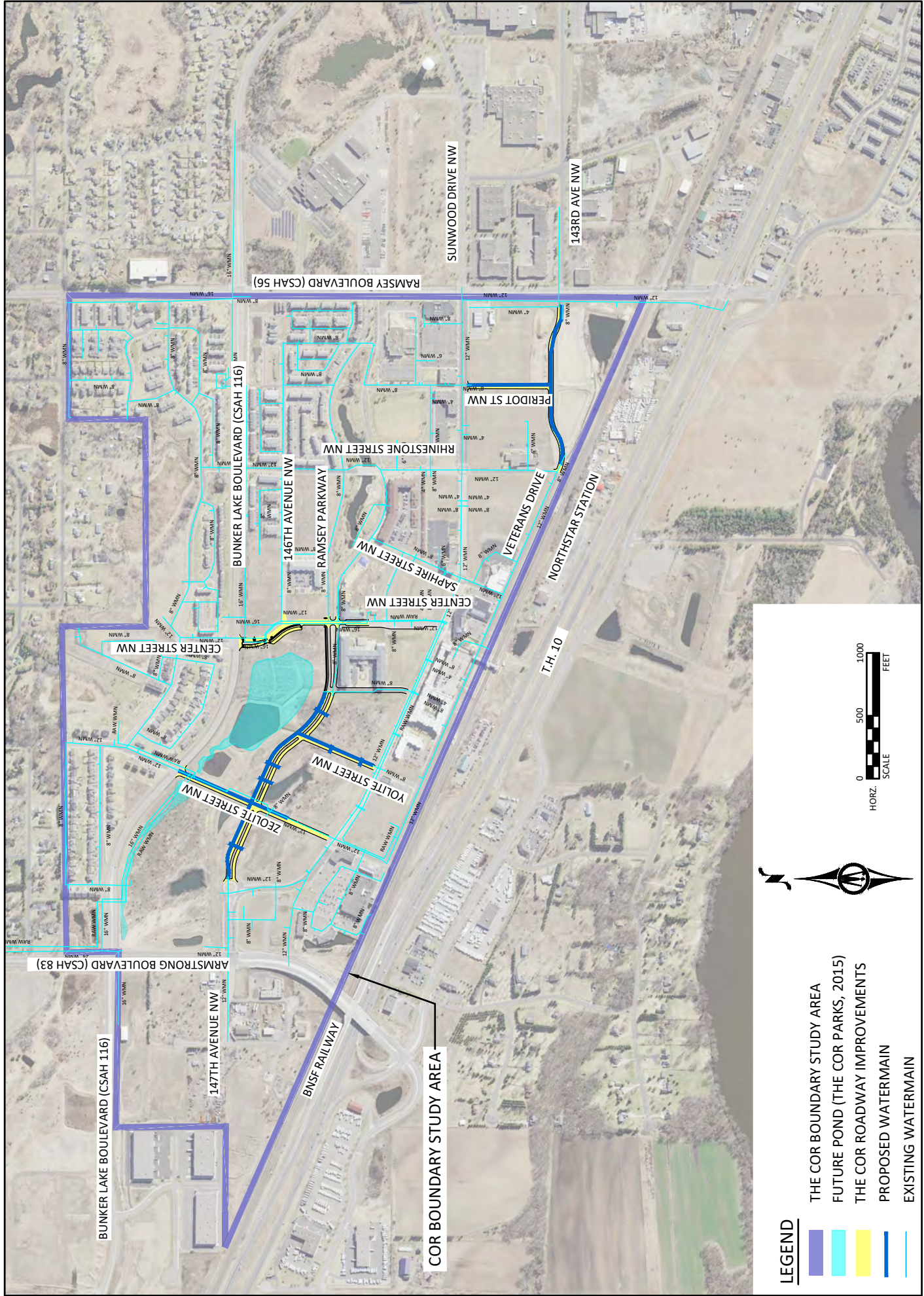
- █ WETLAND MITIGATION REQUIRED
- █ WETLAND IMPACTS INCIDENTAL

AREAS DELINEATED IN 2022 THAT ARE CURRENTLY WCA REGULATED:

WETLAND 1: 2.45 AC
 WETLAND 2: 1.65 AC
 WETLAND 7: 0.38 AC
TOTAL = 4.48 AC
 REPLACEMENT RATIO=2:1
 TOTAL WETLAND MITIGATION=8.96 AC

WETLAND REPLACEMENT PROJECT COSTS* = \$127,500 / AC
 TOTAL ESTIMATED COST = \$1,142,400

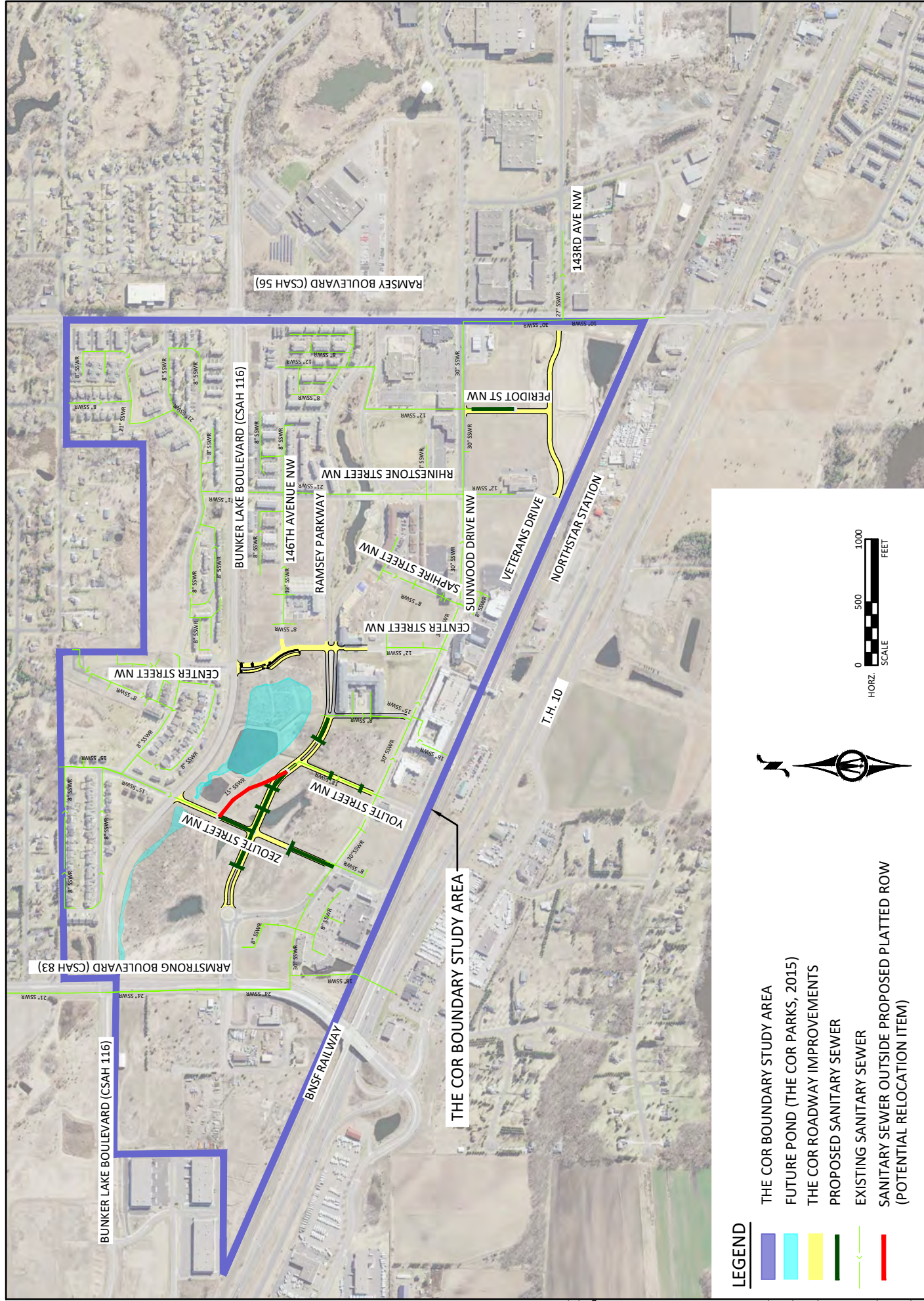
*ESTIMATED PROJECT COSTS INCLUDE PERMITTING AND ADMINISTRATION

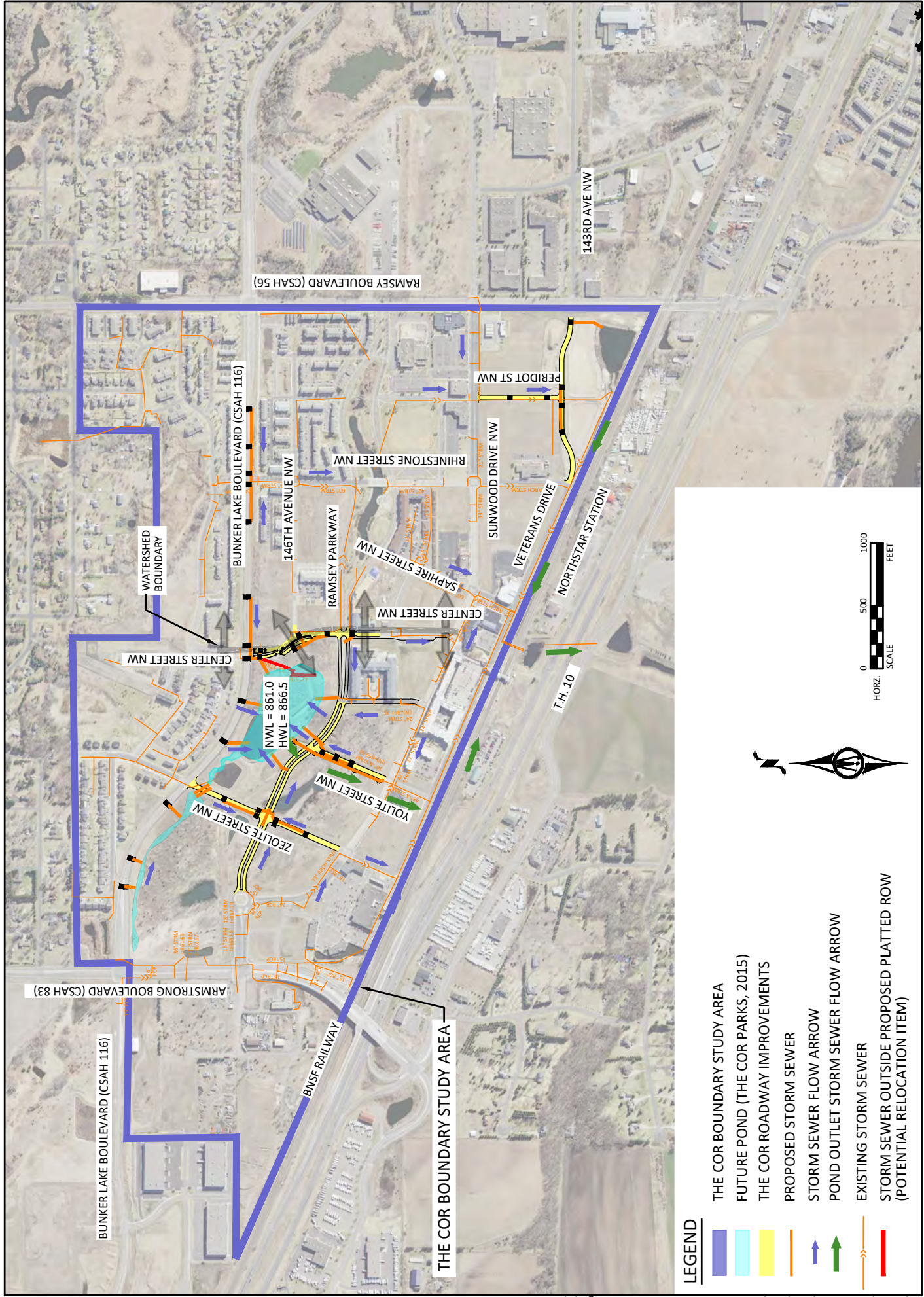


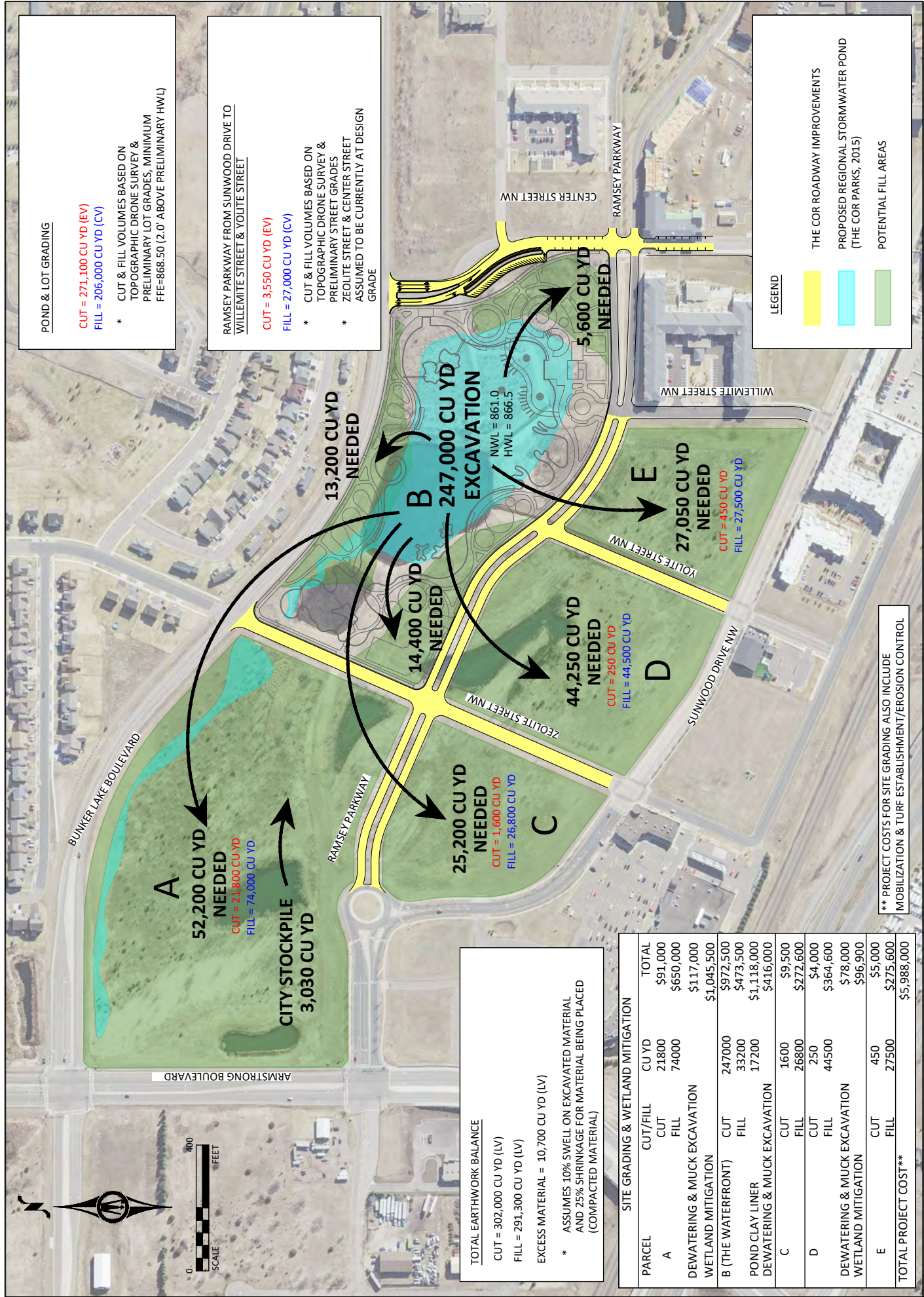
LEGEND

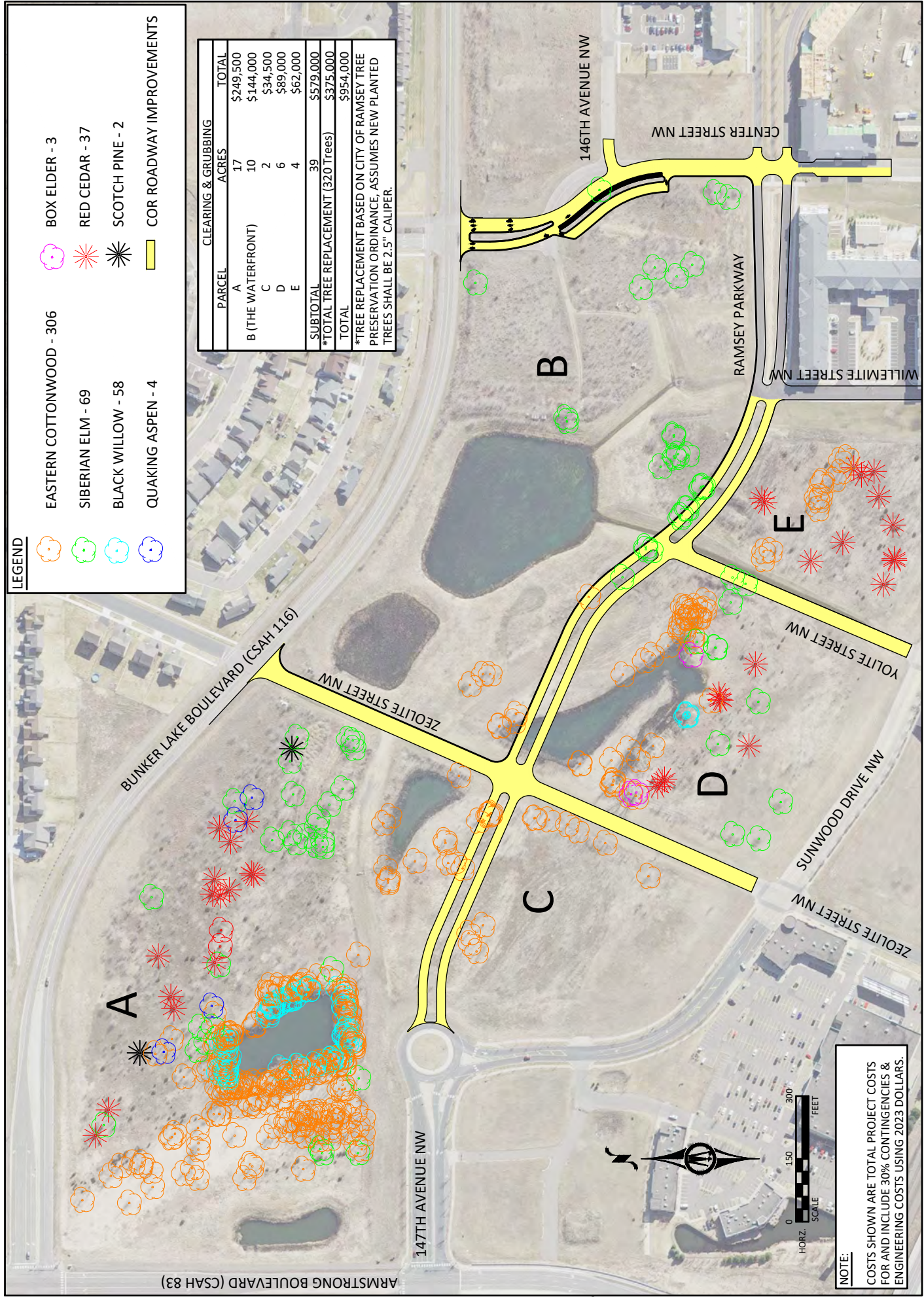
- THE COR BOUNDARY STUDY AREA
- FUTURE POND (THE COR PARKS, 2015)
- THE COR ROADWAY IMPROVEMENTS
- PROPOSED WATERMAIN
- EXISTING WATERMAIN











APPENDIX D: WETLAND DELINEATION

Ramsey COR Analysis Delineation Type & Boundary Application

City of Ramsey
October 20th, 2022

Submitted by:
Bolton & Menk, Inc.
3721 23rd Street South
Suite 102
St Cloud, MN 56301



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Table Of Contents

PART ONE: APPLICANT INFORMATION	1
PART TWO: SITE LOCATION INFORMATION	1
PART THREE: GENERAL PROJECT/SITE INFORMATION	1
PART FOUR: AQUATIC RESOURCE IMPACT SUMMARY	2
PART FIVE: APPLICANT SIGNATURE	2
ATTACHMENT A	3
ATTACHMENT B	4

Appendix

FIGURE 1: HISTORICAL IMAGERY

DELINEATED AQUATIC RESOURCES REPORT

PART ONE: Applicant Information

If applicant is an entity (company, government entity, partnership, etc.), an authorized contact person must be identified. If the applicant is using an agent (consultant, lawyer, or other third party) and has authorized them to act on their behalf, the agent's contact information must also be provided.

Applicant/Landowner Name:	City of Ramsey Brian Hagen City Administrator
Mailing Address:	7550 Sunwood Drive NW Ramsey, MN 55303
Phone:	763-433-9826
Email Address:	bhagen@cityoframsey.com

Authorized Contact (do not complete if same as above):	
Mailing Address:	
Phone:	
E-mail Address:	

Agent Name:	Bolton & Menk, Inc. Kristina Bloomquist Senior Natural Resource Specialist
Mailing Address:	3721 23rd Street South Suite 102 St Cloud, MN 56301
Phone:	507-327-6014
E-mail Address:	kristina.bloomquist@bolton-menk.com

PART TWO: Site Location Information

County: Anoka

City/Township: City of Ramsey

Parcel ID and/or Address: 283225310024, 283225240002, 283225240003, 283225240016, 283225240006, 283225240017, 283225220058, 283225310025

Legal Description (Section, Township, Range): 28, 32N, 25W

Lat/Long (decimal degrees):

Attach a map showing the location of the site in relation to local streets, roads, highways.

Approximate size of site (acres) or if a linear project, length (feet): 88.16 acres

If you know that your proposal will require an individual Permit from the U.S. Army Corps of Engineers, you must provide the names and addresses of all property owners adjacent to the project site. This information may be provided by attaching a list to your application or by using block 25 of the Application for Department of the Army permit which can be obtained at:

http://www.mvp.usace.army.mil/Portals/57/docs/regulatory/RegulatoryDocs/engform_4345_2012oct.pdf

PART THREE: General Project/Site Information

If this application is related to a delineation approval, exemption determination, jurisdictional determination, or other correspondence submitted *prior to* this application then describe that here and provide the Corps of Engineers project number.

N/A

Describe the project that is being proposed, the project purpose and need, and schedule for implementation and completion. The project description must fully describe the nature and scope of the proposed activity including a description of all project elements that effect aquatic resources (wetland, lake, tributary, etc.) and must also include plans and cross section or profile drawings showing the location, character, and dimensions of all proposed activities and aquatic resource impacts.

PART FOUR: Aquatic Resource Impact¹ Summary

If your proposed project involves a direct or indirect impact to an aquatic resource (wetland, lake, tributary, etc.) identify each impact in the table below. Include all anticipated impacts, including those expected to be temporary. Attach an overhead view map, aerial photo, and/or drawing showing all of the aquatic resources in the project area and the location(s) of the proposed impacts. Label each aquatic resource on the map with a reference number or letter and identify the impacts in the following table.

Aquatic Resource ID (as noted on overhead view)	Aquatic Resource Type (wetland, lake, tributary etc.)	Type of Impact (fill, excavate, drain, or remove vegetation)	Duration of Impact Permanent (P) or Temporary (T) ¹	Size of Impact ²	Overall Size of Aquatic Resource ³	Existing Plant Community Type(s) in Impact Area ⁴	County, Major Watershed #, and Bank Service Area # of Impact Area ⁵

¹If impacts are temporary; enter the duration of the impacts in days next to the "T". For example, a project with a temporary access fill that would be removed after 220 days would be entered "T (220)".

²Impacts less than 0.01 acre should be reported in square feet. Impacts 0.01 acre or greater should be reported as acres and rounded to the nearest 0.01 acre. Tributary impacts must be reported in linear feet of impact and an area of impact by indicating first the linear feet of impact along the flowline of the stream followed by the area impact in parentheses). For example, a project that impacts 50 feet of a stream that is 6 feet wide would be reported as 50 ft (300 square feet).

³This is generally only applicable if you are applying for a de minimis exemption under MN Rules 8420.0420 Subp. 8, otherwise enter "N/A".

⁴Use *Wetland Plants and Plant Community Types of Minnesota and Wisconsin* 3rd Ed. as modified in MN Rules 8420.0405 Subp. 2.

⁵Refer to Major Watershed and Bank Service Area maps in MN Rules 8420.0522 Subp. 7.

If any of the above identified impacts have already occurred, identify which impacts they are and the circumstances associated with each:

N/A

PART FIVE: Applicant Signature

Check here if you are requesting a pre-application consultation with the Corps and LGU based on the information you have provided. Regulatory entities will not initiate a formal application review if this box is checked.

By signature below, I attest that the information in this application is complete and accurate. I further attest that I possess the authority to undertake the work described herein.

Signature: 

Date: 10-26-22

I hereby authorize **Bolton & Menk, Inc** to act on my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this application.

¹ The term "impact" as used in this joint application form is a generic term used for disclosure purposes to identify activities that may require approval from one or more regulatory agencies. For purposes of this form it is not meant to indicate whether or not those activities may require mitigation/replacement.

Attachment A

Request for Delineation Review, Wetland Type Determination, or Jurisdictional Determination

By submission of the enclosed wetland delineation report, I am requesting that the U.S. Army Corps of Engineers, St. Paul District (Corps) and/or the Wetland Conservation Act Local Government Unit (LGU) provide me with the following (check all that apply):

Wetland Type Confirmation

Delineation Concurrence. Concurrence with a delineation is a written notification from the Corps and a decision from the LGU concurring, not concurring, or commenting on the boundaries of the aquatic resources delineated on the property. Delineation concurrences are generally valid for five years unless site conditions change. Under this request alone, the Corps will not address the jurisdictional status of the aquatic resources on the property, only the boundaries of the resources within the review area (including wetlands, tributaries, lakes, etc.).

Preliminary Jurisdictional Determination. A preliminary jurisdictional determination (PJD) is a non-binding written indication from the Corps that waters, including wetlands, identified on a parcel may be waters of the United States. For purposes of computation of impacts and compensatory mitigation requirements, a permit decision made on the basis of a PJD will treat all waters and wetlands in the review area as if they are jurisdictional waters of the U.S. PJDs are advisory in nature and may not be appealed.

Approved Jurisdictional Determination. An approved jurisdictional determination (AJD) is an official Corps determination that jurisdictional waters of the United States are either present or absent on the property. AJDs can generally be relied upon by the affected party for five years. An AJD may be appealed through the Corps administrative appeal process.

In order for the Corps and LGU to process your request, the wetland delineation must be prepared in accordance with the 1987 Corps of Engineers Wetland Delineation Manual, any approved Regional Supplements to the 1987 Manual, and the *Guidelines for Submitting Wetland Delineations in Minnesota* (2013).

<http://www.mvp.usace.army.mil/Missions/Regulatory/DelineationJDGuidance.aspx>

An AJD is being requested for Wetlands 1, 2, 3, 4, 5, 6, 7, and 8. These wetlands are being requested as non-jurisdictional under Section 404 of the CWA.

Wetlands 3, 5 and 6 are ponds excavated in upland and were not constructed with the intent of creating a wetland. These wetlands were observed to have distinct slopes and were excavated to be significantly lower than the surrounding area. Wetland 3 was constructed in 2011. Wetlands 5 and 6 were constructed in 2012.

Wetlands 1, 2, 4, 7, and 8 are isolated basins that are not adjacent to or connected to any Waters of the U.S.

Attachment B

Supporting Information for Applications Involving Exemptions, No Loss Determinations, and Activities Not Requiring Mitigation

Complete this part *if* you maintain that the identified aquatic resource impacts in Part Four do not require wetland replacement/compensatory mitigation OR *if* you are seeking verification that the proposed water resource impacts are either exempt from replacement or are not under CWA/WCA jurisdiction.

Identify the specific exemption or no-loss provision for which you believe your project or site qualifies:

8420.00105 Subpart 2.D – Incidental Wetlands

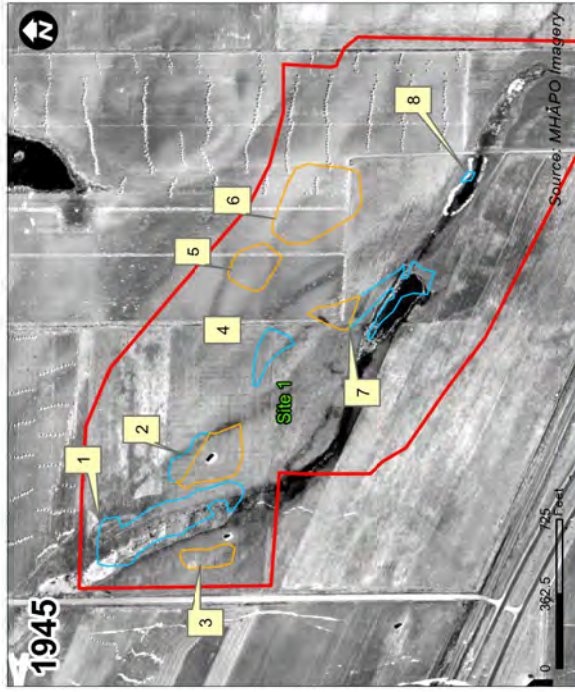
Provide a detailed explanation of how your project or site qualifies for the above. Be specific and provide and refer to attachments and exhibits that support your contention. Applicants should refer to rules (e.g. WCA rules), guidance documents (e.g. BWSR guidance, Corps guidance letters/public notices), and permit conditions (e.g. Corps General Permit conditions) to determine the necessary information to support the application. Applicants are strongly encouraged to contact the WCA LGU and Corps Project Manager prior to submitting an application if they are unsure of what type of information to provide:

8420.00105 Subpart 2.D – Incidental Wetlands

Figure 1 shows historical imagery of the proposed incidental wetlands. Wetlands 3, 5, and 6, and portions of Wetland 2 and 7 are being requested as incidental wetlands.

Wetlands 3, 5 and 6, and portions of Wetlands 2 and 7 are ponds excavated in upland and were not constructed with the intent of creating a wetland. These wetlands were observed to have distinct slopes and were excavated to be significantly lower than the surrounding area. Wetland 3 was constructed in 2011. Wetlands 5 and 6 were constructed in 2012. Wetland 2 was excavated between 1997 and 2000. Wetland 7 was excavated between 2005-2006.

Appendix



Ramsey COR Analysis Delineation Delineated Aquatic Resources Report

City of Ramsey
October 20th, 2022

Submitted by:

Bolton & Menk, Inc.
3721 23rd Street South
Suite 102
St Cloud, MN 56301



**BOLTON
& MENK**

Real People. Real Solutions.

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Appendix

- Exhibit A: Site Location Map
- Exhibit B: Site Topography – 2 Foot LiDAR Contours
- Exhibit C: National Wetlands Inventory
- Exhibit D: Public Waters Inventory
- Exhibit E: Anoka County Soil Survey
- Exhibit F: Delineated Aquatic Resources
- Exhibit G: Delineation Data Sheets

I. INTRODUCTION

The City of Ramsey is considering improvements to several parcels known as COR, within the City. This delineation was completed to aid in the design and permitting of the project.

The project is found in Sections 28, in Township 32 North of Range 25 West.

II. WETLAND DELINEATION METHODOLOGY

The wetland boundaries were delineated and staked in the field in September of 2022 using methods described in the “Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral/Northeast Region (Version 2.0)”. Wetlands identified were classified using “Classification of Wetlands and Deepwater Habitats of the United States (Cowardin, et al., 1979)”, “Wetlands of the United States (United States Fish and Wildlife Service Circular No. 39, 1971 edition)” and “Wetland Plants and Plant Communities of Minnesota and Wisconsin” (Eggers and Reed Third Edition). Subsequently, the three mandatory technical criteria for wetland determinations are as follows:

Hydrophytic Vegetation. A hydrophytic plant community is present when the dominant plant species present can endure prolonged inundation and/or soil saturation during the growing season. A plant’s Wetland Indicator Status is determined using the 2020 National Wetland Plant List for Minnesota, published by the Army Corp of Engineers.

Hydric Soils. A hydric soil is defined as a soil that is formed under conditions of saturation, flooding or ponding long enough during the growing season (the portion of the year when there is above ground growth and development of vascular plants and/or soil temperature at 12 inches below the soil surface is above 41 degrees Fahrenheit or higher) to develop anaerobic conditions in the upper part.

Wetland Hydrology. An area has wetland hydrology if it experiences 14 or more consecutive days of flooding, ponding or a water table within 12 inches of the surface during the growing season at a minimum frequency of five out of ten years. This is determined by using both primary and secondary Wetland Hydrology indicators.

III. BACKGROUND INFORMATION

Prior to conducting a field investigation of this site, Exhibits A through E were used to complete a preliminary evaluation. The data gathered during the preliminary investigation was used as described below:

Exhibit A is a location map of the study area.

Exhibits B is an aerial photo with topographic information overlaid on it. This provides information regarding topography of the site, helping to identify areas that may have wetland characteristics.

Exhibit C is the National Wetlands Inventory of the site and surrounding properties. This information is used to complete a preliminary investigation of the wetlands that may or may not exist on the site.

Exhibit D is used to identify waters that are regulated by the DNR. This exhibit shows where there are DNR public waters relative to the site.

Exhibit E is the Anoka County Soil Survey and is used to identify hydric soils that may lie within the study area.

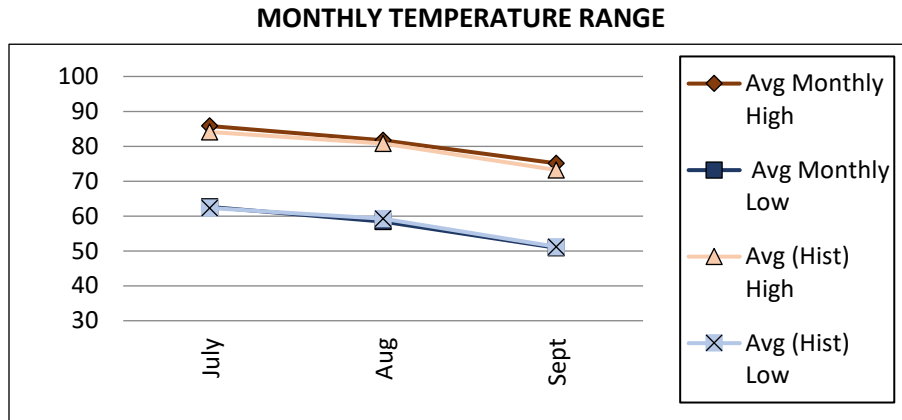
Delineation Exhibits F and G were prepared from the information gathered at the site.

Exhibit F are the site maps showing the delineated aquatic resources.

Exhibit G includes the wetland delineation data sheets.

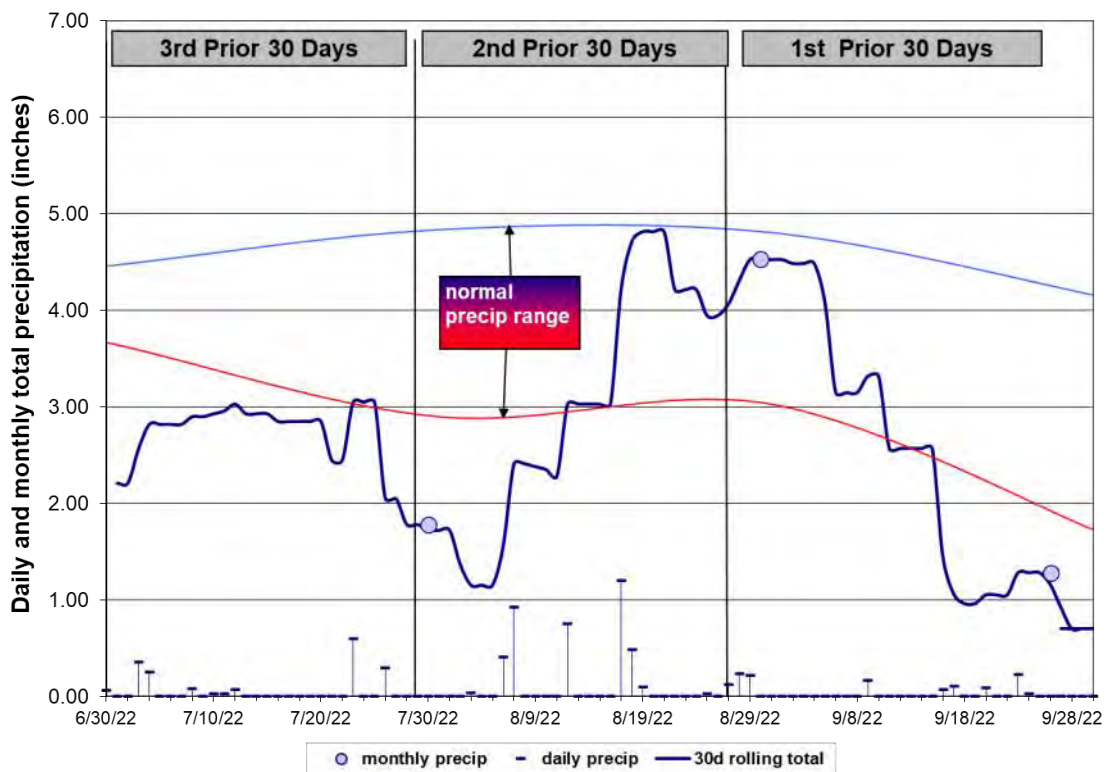
IV. CLIMATE DATA

The monthly temperature table below shows the average high and low temperatures for the three months prior to the field delineation, along with the historical averages for these months. The monthly low and high temperatures have been within normal ranges for this time period.



Antecedent precipitation was evaluated using a combination of the NRCS Method and the Rolling Totals Method. The analysis found that precipitation was normal at the time of the delineation.

ANTECEDENT PRECIPITATION CONDITIONS



This climatic data was gathered using the Climatology Working Group Website, <http://climate.umn.edu/> and the National Weather Service Forecast Office, <http://w2.weather.gov/climate/>. The information for the investigation was retrieved from the WETS Station at Andover 1 N, MN; Station ID – 210190.

V. FINDINGS

In September of 2022 a field investigation was performed to evaluate and verify the existence and boundary of any aquatic resources located within the study area. Eight wetlands were found to exist within the study area. The following describes the aquatic resources identified, together with a brief description of wetland types and observations made during the field investigation.

Wetland 1 (W1):

NWI Cowardin: PEM1A

PWI (Hydro) ID: None

Field Observation Circular 39: Type 2

Field Observation Eggers and Reed: Fresh (wet) Meadow

Soil Mapping Unit(s): Duelm loamy sand/Hubbard loamy sand/Isan sandy loam

Wetland 1 is located in the northwest corner of the study area. Wetland 1 is believed to be a historical wetland.

The field investigation found the site has met all three wetland indicators and this wetland should be considered palustrine emergent persistent seasonally saturated (PEM1B) wetland. One transect and several sample points were taken to determine the wetland boundary. Soils, hydrology and topography aided in determining the wetland boundary.

At the wetland pit location W1A the plant community is dominated by reed canary grass and quaking aspen. The upland pit location W1B is dominated by smooth brome, reed canary grass, and quaking aspen. Both plant communities are considered hydrophytic.

Soils in the wetland pit location W1A were marked as Other and assumed to meet a hydric soil indicator below the thick dark surface. Soils in the upland pit location W1B did not meet any hydric soil indicators.

Soils in the wetland pit W1A were not saturated. The pit location met secondary hydrology indicators D2 – Geomorphic Position and D5 – FAC-Neutral Test. Soils in the upland pit location W1B were not saturated and did not meet any hydrology indicators.

The determining factor for this delineation was the lack of hydric soil and wetland hydrology indicators at the upland pit location. The boundaries were determined by following the topographic breaks.

Wetland 2 (W2):

NWI Cowardin: PSS1A/PUBH

PWI (Hydro) ID: None

Field Observation Circular 39: Type 4/7

Field Observation Eggers and Reed: Deep Marsh/Wooded Swamp

Soil Mapping Unit(s): Duelm loamy sand/Hubbard loamy sand

Wetland 2 is located in the northeast part of the study area, just to the east of Wetland 1. A portion of W2 is believed to be historical with the other portion being a pond excavated in upland.

The field investigation found the site has met all three wetland indicators and this portion of the wetland should be considered a palustrine emergent semipermanently flooded/palustrine forested



W1

broad-leaved deciduous temporarily flooded (PEMF/PFO1A) wetland. One transect and several sample points were taken to determine the wetland boundary. Soils, hydrology and topography aided in determining the wetland boundary.

At the wetland pit location W2A the plant community is dominated by common black willow, quaking aspen, sandbar willow, and reed canary grass. The upland pit location for this transect is W1B.

Soils in the wetland pit location W2A met hydric soil indicator F6 – Redox Dark Surface.

Soils in the wetland pit W2A were not saturated. The wetland pit location met secondary hydrology indicators D2 and D5.

The determining factor for this delineation was the lack of hydric soil and wetland hydrology indicators at the upland pit location. The boundaries were determined by following the topographic break and vegetative break.



W2



W3

Wetland 3 (W3):

NWI Cowardin: None

PWI (Hydro) ID: None

Field Observation Circular 39:

Type 4/6

Field Observation Eggers and

Reed: Deep Marsh/Shrub Swamp

Soil Mapping Unit(s): Duelm
loamy sand/Hubbard loamy sand

Wetland 3 is found in the northwest part of the study area. W3 is believed to be a pond excavated in upland.

The field investigation found the site has met all three wetland indicators and this portion of the

wetland should be considered a palustrine emergent semipermanently flooded/palustrine scrub shrub broad-leaved deciduous temporarily flooded (PEMF/PSS1A) wetland. No transect but several sample points were taken to determine the wetland boundary. Soils, hydrology and topography aided in determining the wetland boundary.

Wetland 3 is dominated by sandbar willow and cattails. The upland areas adjacent to W3 are dominated by Canada goldenrod and smooth brome.

The determining factor for this delineation was the lack of hydrophytic vegetation in the surrounding upland areas. The boundaries were determined by following the topographic break and vegetative break.

Wetland 4 (W4):

NWI Cowardin: PUBHx

PWI (Hydro) ID: None

Field Observation Circular 39: Type 3/7

Field Observation Eggers and Reed: Shallow Marsh/Wooded Swamp

Soil Mapping Unit(s): Duelm loamy sand/Hubbard loamy sand

Wetland 4 is located in the west-central part of the study area. W4 is believed to be partially excavated in a historical wetland and partially excavated in upland.

The field investigation found the site has met all three wetland indicators and this portion of the wetland should be considered a palustrine emergent persistent seasonally flooded/palustrine forested broad-leaved deciduous temporarily flooded (PEM1C/PFO1A) wetland. One transect and several sample points were taken to determine the wetland boundary. Soils, hydrology and topography aided in determining the wetland boundary.

At the wetland pit location W4A the plant community is dominated by common Canada bluejoint, giant goldenrod, riverbank grape, sandbar willow, quaking aspen, and black willow. The upland pit location W4B is dominated by white sweet clover, Canada bluejoint, quaking aspen, and sandbar willow. Both plant communities are considered hydrophytic.

Soils in the wetland pit location W4A met hydric soil indicator F3 – Depleted Matrix. Soils in the upland pit location W4B did not meet any hydric soil indicators.



W4



W4 Transect

Soils in the wetland pit W4A were not saturated. The wetland pit location met secondary hydrology indicators D2 and D5. Soils in the upland pit location W4B were not saturated and only met secondary hydrology indicator D5.

The determining factor for this delineation was the lack of hydric soil and wetland hydrology indicators at the upland pit location. The boundaries were determined by following the topographic break and vegetative break.

Wetland 5 (W5):

NWI Cowardin: None

PWI (Hydro) ID: None

Field Observation Circular 39: Type 6

Field Observation Eggers and Reed: Shrub Swamp

Soil Mapping Unit(s): Hubbard loamy sand

Wetland 5 is found in the north-central part of the study area. W5 is believed to be a pond excavated in upland.

The field investigation found the site has met all three wetland indicators and this portion of the wetland should be considered a palustrine scrub shrub broad-leaved deciduous seasonally flooded (PSS1C) wetland. No transect but several sample points were taken to determine the wetland boundary. Soils, hydrology and topography aided in determining the wetland boundary.

Wetland 5 is dominated by sandbar willow and cattails. The upland areas adjacent to W3 are dominated by Kentucky bluegrass.

The determining factor for this delineation was the lack of hydrophytic vegetation in the surrounding upland areas. The boundaries were determined by following the topographic break and vegetative break.



W5



W6

Wetland 6 (W6):

NWI Cowardin: None

PWI (Hydro) ID: None

Field Observation Circular 39:

Type 4/6

Field Observation Eggers and Reed: Deep Marsh/Shrub Swamp

Soil Mapping Unit(s): Hubbard loamy sand

Wetland 6 is found in the northeast part of the study area. W6 is believed to be a pond excavated in upland.

The field investigation found the site has met all three wetland indicators and this portion of the

wetland should be considered a palustrine emergent semipermanently flooded/palustrine scrub shrub broad-leaved deciduous seasonally saturated (PEMF/PSS1B) wetland. No transect but several sample points were taken to determine the wetland boundary. Soils, hydrology and topography aided in determining the wetland boundary.

Wetlands 6 is dominated by sandbar willow and cattails. The upland areas adjacent to W3 are dominated by Canada goldenrod and smooth brome.

The determining factor for this delineation was the lack of hydrophytic vegetation in the surrounding upland areas. The boundaries were determined by following the topographic break and vegetative break.

Wetland 7 (W7):

NWI Cowardin: PEM1A/PUBHx

PWI (Hydro) ID: None

Field Observation Circular 39: Type 2/3/4/7

Field Observation Eggers and Reed: Fresh (wet) Meadow/Shallow Marsh/Deep Marsh/Wooded Swamp

Soil Mapping Unit(s): Duelm loamy sand/Hubbard loamy sand/Isan sandy loam

Wetland 7 is located in the central part of the study area. A portion of W7 is believed to be excavated in historical wetland, with the remaining portion being excavated in upland.

The field investigation found the site has met all three wetland indicators and this portion of the wetlands should be considered a palustrine emergent persistent seasonally saturated/seasonally

flooded/semipermanently flooded/palustrine forested broad-leaved deciduous temporarily flooded (PEM1B/C/F/PFO1A) wetland. One transect and several sample points were taken to determine the wetland boundary. Soils, hydrology and topography aided in determining the wetland boundary.

At the wetland pit location W7A the plant community is dominated by reed canary grass and sandbar willow. The upland pit location W7B is dominated by white sweet clover, quaking aspen, and sandbar willow. Both plant communities are considered hydrophytic.

Soils in the wetland pit location W7A met hydric soil indicator A11 – Depleted Below Dark Surface. Soils in the upland pit location W7B did not meet any hydric soil indicators.

Soils in the wetland pit W7A were not saturated. The wetland pit location met secondary hydrology indicators D2 and D5. Soils in the upland pit location W7B were not saturated and did not meet any hydrology indicators.

The determining factor for this delineation was the lack of hydric soil and wetland hydrology indicators at the upland pit location. The boundaries were determined by following the topographic break and vegetative break.



W7

Wetland 8 (W8):

NWI Cowardin: PEM1A

PWI (Hydro) ID: None

Field Observation Circular 39: Type 1

Field Observation Eggers and Reed: Seasonally Flooded Basin

Soil Mapping Unit(s): Isan sandy loam

Wetland 8 is located in the southeast part of the study area and is believed to be a historical wetland.

The field investigation found the site has met all three wetland indicators and this portion of the wetlands should be considered a



W8

palustrine emergent temporarily flooded (PEMA) wetland. One transect and several sample points

were taken to determine the wetland boundary. Soils, hydrology and topography aided in determining the wetland boundary.

At the wetland pit location W8A the plant community is dominated by a sedge species and Canada bluejoint. The upland pit location W8B is dominated by Canada goldenrod, Siberian elm, and quaking aspen. Only the wetland plant community is considered hydrophytic.

Soils in the wetland pit location W8A were marked as Other and assumed to meet a hydric soil indicator below the thick dark surface. Soils in the upland pit location W8B did not meet any hydric soil indicators.

Soils in the wetland pit W8A were not saturated. The wetland pit location met secondary hydrology indicators D2 and D5. Soils in the upland pit location W8B were not saturated and did not meet any hydrology indicators.

The determining factor for this delineation was the lack of all three indicators at the upland pit location. The boundaries were determined by following the topographic break and vegetative break.

VI. CONCLUSION

This delineation was performed in September of 2022. The boundaries of the wetlands were staked in the field with three foot “Wetland Delineation” pin flags. The location of the pin flags were surveyed by Bolton & Menk, Inc. using a sub-foot GPS Data Collector and tied to the Anoka County coordinate system. The delineated limits are believed to be the upper limits of where all three of the required wetland criteria were present.

Bolton & Menk, Inc., was asked to determine the boundaries of those jurisdictional wetlands that exist upon this property as defined by the Wetland Conservation Act.

Based upon all available information, the existing conditions that currently prevail, and the on-site investigation, evidence supports the presence of eight wetlands within the boundaries of the study corridor.

WETLAND SUMMARY

Id #	Wetland Type [^]	Size*
W1	Type 2	2.65 ac
W2	Type 4/7	1.65 ac
W3	Type 4/6	0.53 ac
W4	Type 3/7	0.53 ac
W5	Type 6	0.91 ac
W6	Type 4/6	2.78 ac
W7	Type 2/3/4/7	1.60 ac
W8	Type 1	0.04 ac

**size measured within study area.*

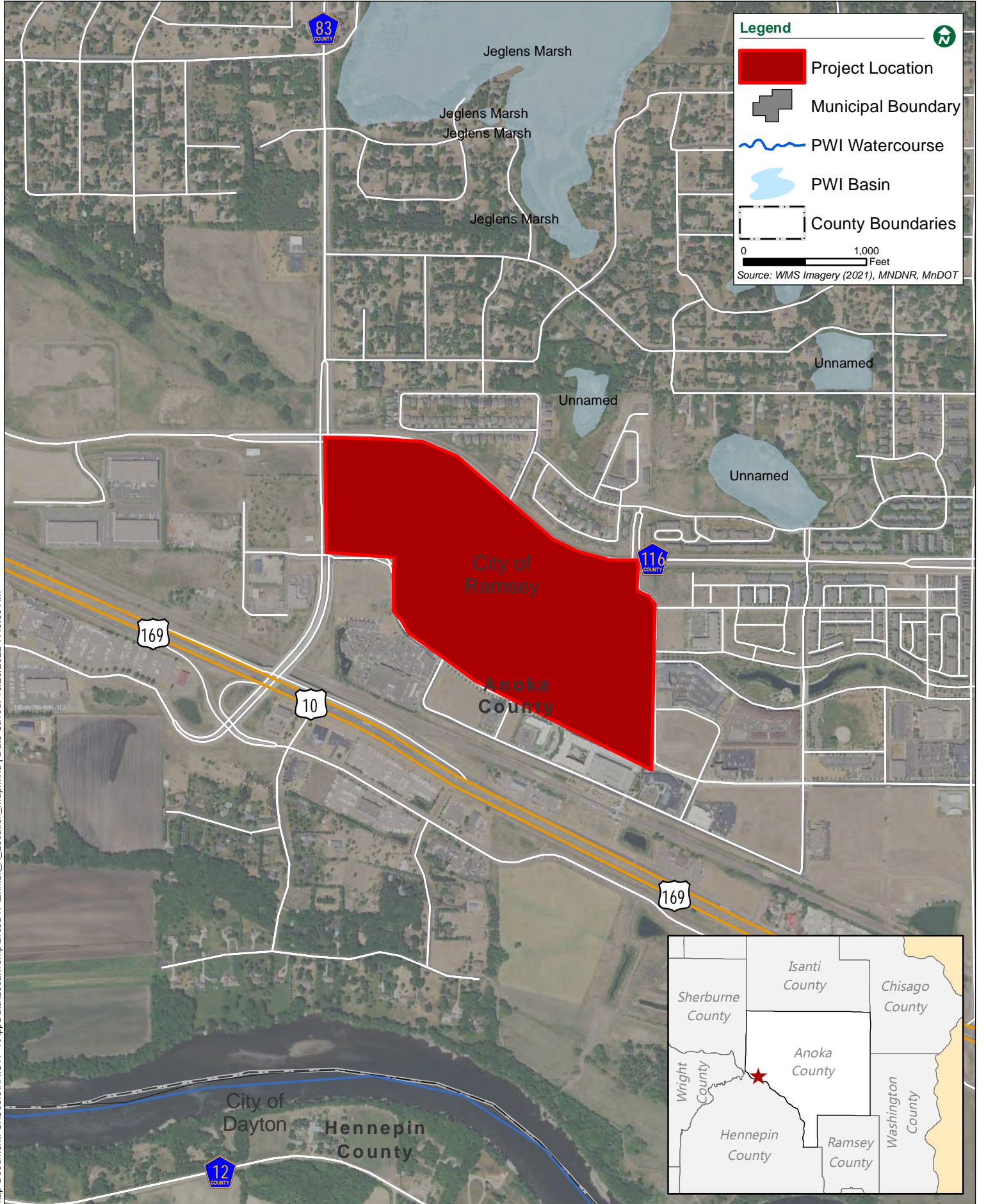
^wetland type within study area

Sincerely,
BOLTON & MENK, INC.

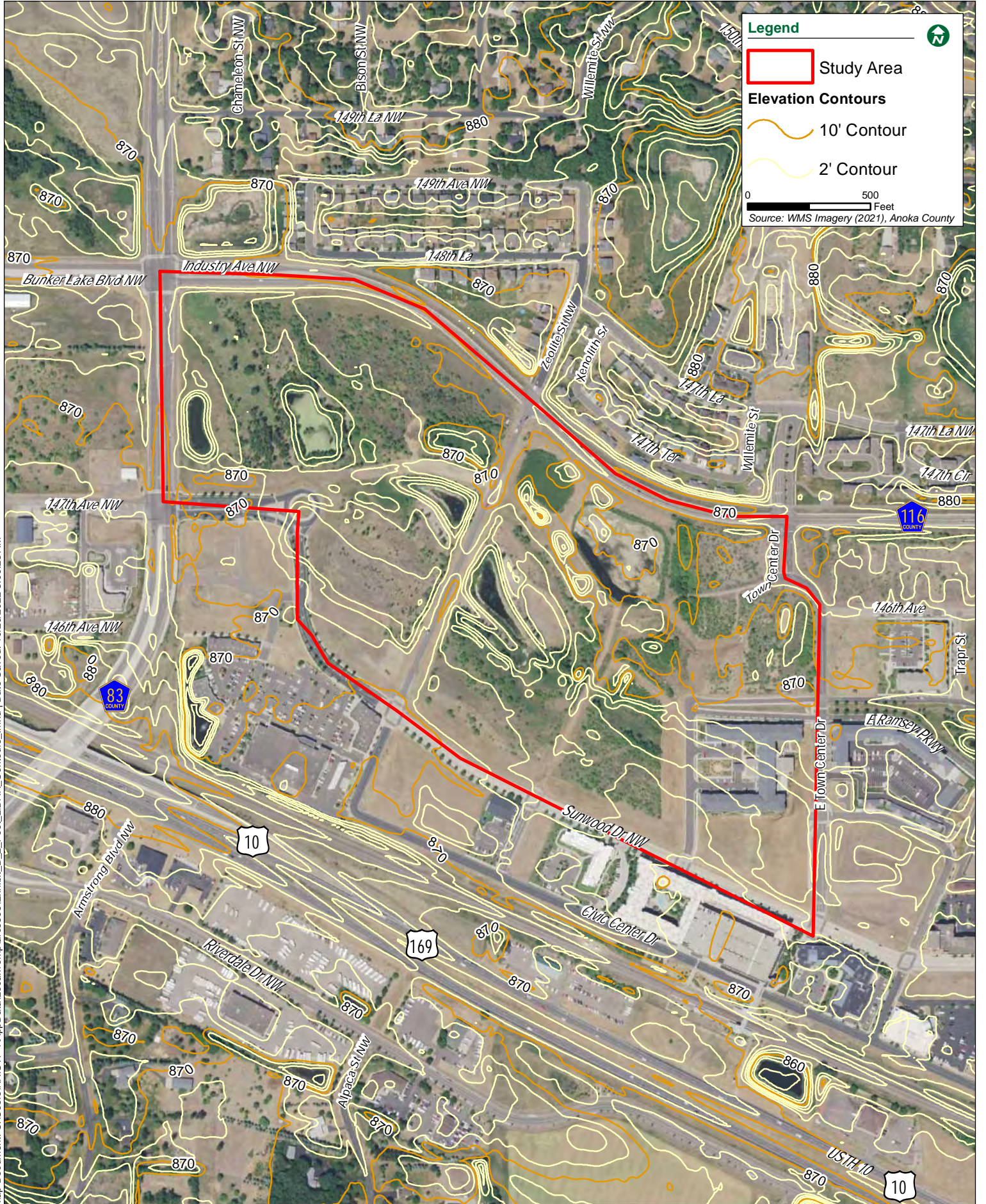


Kristina Bloomquist, PWS
Certified Wetland Delineator, No. 1340

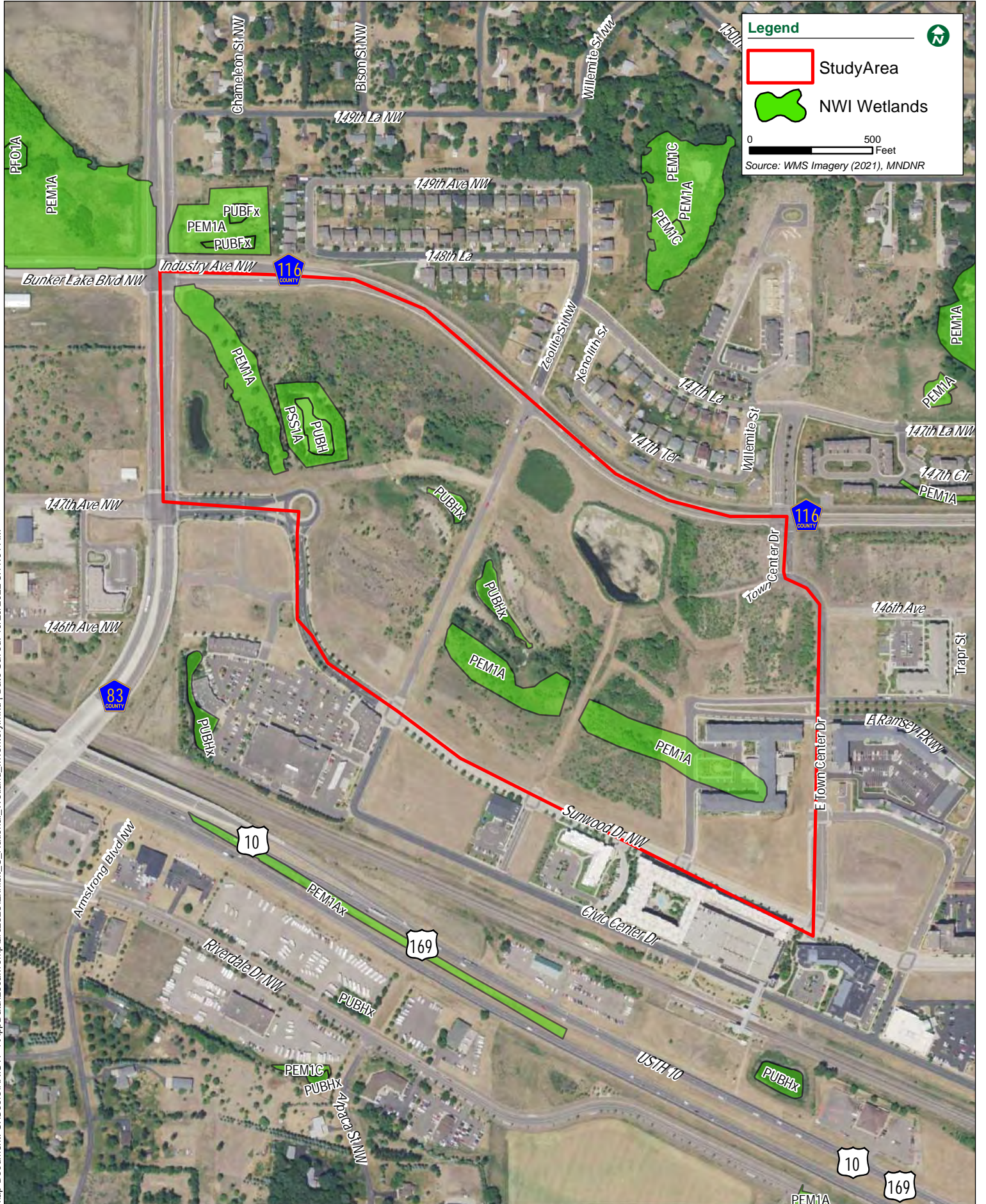
APPENDIX



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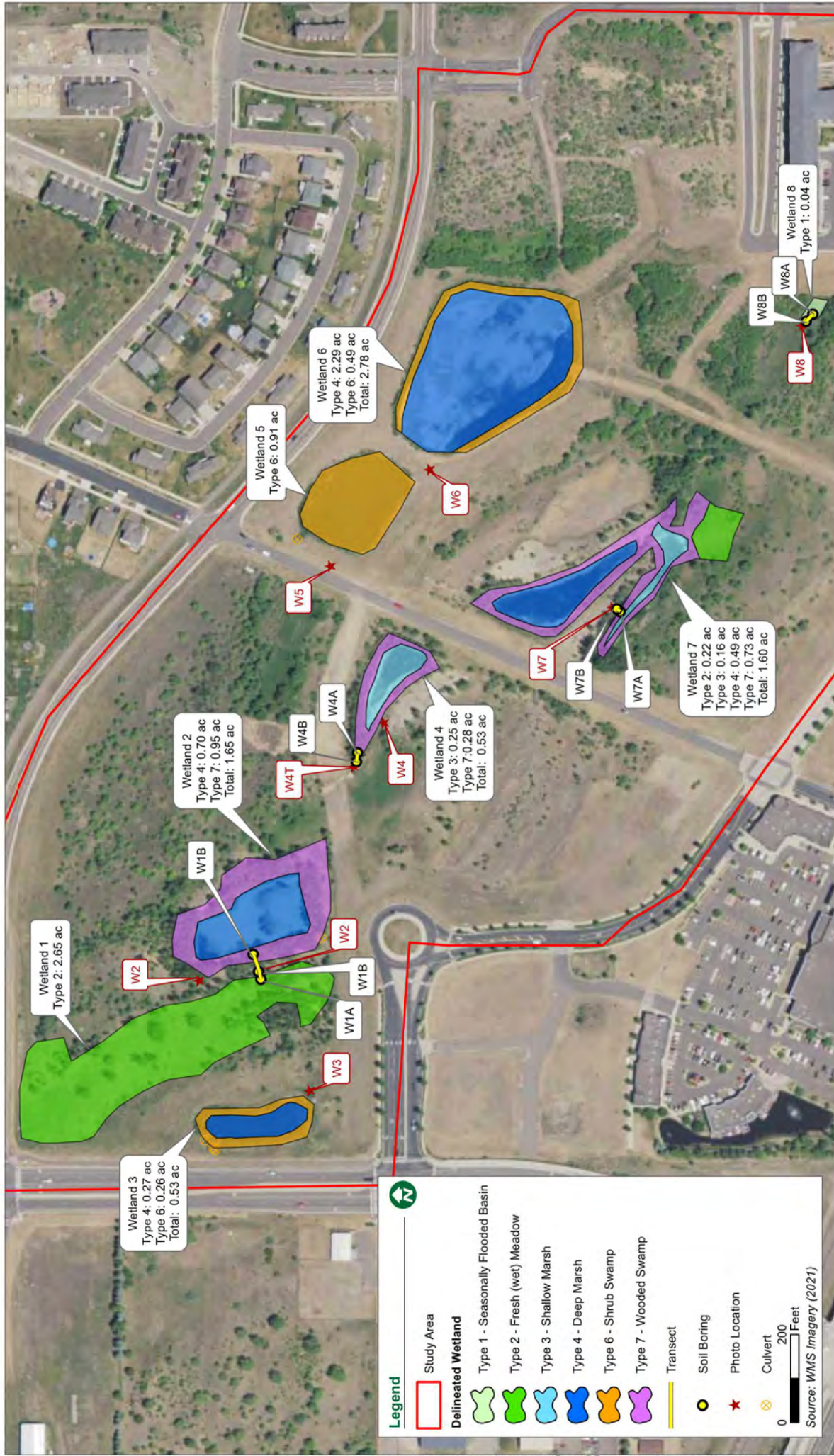


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Symbol	Name	Slopes	Hydric Rating	Hydric Class
Dp	Duelm loamy sand	0-2%	No	7%
D67A	Hubbard loamy sand	0-2%	No	1%
Is	Isan sandy loam	0-1%	Yes	93%

Map Document: C:\Users\KRISTI-1\AppData\Local\Temp\3BFBF8\Exhibit_E_County_Soil_Survey.mxd | Date Saved: 10/20/2022 8:50:56 AM



WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: _____ City/County: _____ Sampling Date: _____
 Applicant/Owner: _____ State: _____ Sampling Point: _____
 Investigator(s): _____ Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR or MLRA): _____ Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: _____ NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No _____ Hydric Soil Present? Yes _____ No _____ Wetland Hydrology Present? Yes _____ No _____	Is the Sampled Area within a Wetland? Yes _____ No _____ If yes, optional Wetland Site ID: _____
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> ___ Surface Water (A1) ___ Water-Stained Leaves (B9) ___ High Water Table (A2) ___ Aquatic Fauna (B13) ___ Saturation (A3) ___ Marl Deposits (B15) ___ Water Marks (B1) ___ Hydrogen Sulfide Odor (C1) ___ Sediment Deposits (B2) ___ Oxidized Rhizospheres on Living Roots (C3) ___ Drift Deposits (B3) ___ Presence of Reduced Iron (C4) ___ Algal Mat or Crust (B4) ___ Recent Iron Reduction in Tilled Soils (C6) ___ Iron Deposits (B5) ___ Thin Muck Surface (C7) ___ Inundation Visible on Aerial Imagery (B7) ___ Other (Explain in Remarks) ___ Sparsely Vegetated Concave Surface (B8)	<u>Secondary Indicators (minimum of two required)</u> ___ Surface Soil Cracks (B6) ___ Drainage Patterns (B10) ___ Moss Trim Lines (B16) ___ Dry-Season Water Table (C2) ___ Crayfish Burrows (C8) ___ Saturation Visible on Aerial Imagery (C9) ___ Stunted or Stressed Plants (D1) ___ Geomorphic Position (D2) ___ Shallow Aquitard (D3) ___ Microtopographic Relief (D4) ___ FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes _____ No _____ Depth (inches): _____ Water Table Present? Yes _____ No _____ Depth (inches): _____ Saturation Present? Yes _____ No _____ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No _____
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	

VEGETATION – Use scientific names of plants.

Sampling Point: _____

<u>Tree Stratum</u> (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: _____ Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
<u>Sapling/Shrub Stratum</u> (Plot size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				
<u>Herb Stratum</u> (Plot size: _____)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
_____ = Total Cover				
<u>Woody Vine Stratum</u> (Plot size: _____)				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
_____ = Total Cover				Hydrophytic Vegetation Present? Yes _____ No _____
Remarks: (Include photo numbers here or on a separate sheet.)				

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: _____ City/County: _____ Sampling Date: _____
 Applicant/Owner: _____ State: _____ Sampling Point: _____
 Investigator(s): _____ Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR or MLRA): _____ Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: _____ NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No _____ Hydric Soil Present? Yes _____ No _____ Wetland Hydrology Present? Yes _____ No _____	Is the Sampled Area within a Wetland? Yes _____ No _____ If yes, optional Wetland Site ID: _____
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> ___ Surface Water (A1) ___ Water-Stained Leaves (B9) ___ High Water Table (A2) ___ Aquatic Fauna (B13) ___ Saturation (A3) ___ Marl Deposits (B15) ___ Water Marks (B1) ___ Hydrogen Sulfide Odor (C1) ___ Sediment Deposits (B2) ___ Oxidized Rhizospheres on Living Roots (C3) ___ Drift Deposits (B3) ___ Presence of Reduced Iron (C4) ___ Algal Mat or Crust (B4) ___ Recent Iron Reduction in Tilled Soils (C6) ___ Iron Deposits (B5) ___ Thin Muck Surface (C7) ___ Inundation Visible on Aerial Imagery (B7) ___ Other (Explain in Remarks) ___ Sparsely Vegetated Concave Surface (B8)	<u>Secondary Indicators (minimum of two required)</u> ___ Surface Soil Cracks (B6) ___ Drainage Patterns (B10) ___ Moss Trim Lines (B16) ___ Dry-Season Water Table (C2) ___ Crayfish Burrows (C8) ___ Saturation Visible on Aerial Imagery (C9) ___ Stunted or Stressed Plants (D1) ___ Geomorphic Position (D2) ___ Shallow Aquitard (D3) ___ Microtopographic Relief (D4) ___ FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes _____ No _____ Depth (inches): _____ Water Table Present? Yes _____ No _____ Depth (inches): _____ Saturation Present? Yes _____ No _____ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No _____
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	

VEGETATION – Use scientific names of plants.

Sampling Point: _____

<u>Tree Stratum</u> (Plot size: _____)	<u>Absolute % Cover</u>	<u>Dominant Species?</u>	<u>Indicator Status</u>	
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: _____ Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
<u>Sapling/Shrub Stratum</u> (Plot size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				
<u>Herb Stratum</u> (Plot size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
<u>Woody Vine Stratum</u> (Plot size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
<u>Hydrophytic Vegetation Present?</u> Yes _____ No _____				
Remarks: (Include photo numbers here or on a separate sheet.)				

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: _____ City/County: _____ Sampling Date: _____
 Applicant/Owner: _____ State: _____ Sampling Point: _____
 Investigator(s): _____ Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR or MLRA): _____ Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: _____ NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No _____ Hydric Soil Present? Yes _____ No _____ Wetland Hydrology Present? Yes _____ No _____	Is the Sampled Area within a Wetland? Yes _____ No _____ If yes, optional Wetland Site ID: _____
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> ___ Surface Water (A1) ___ Water-Stained Leaves (B9) ___ High Water Table (A2) ___ Aquatic Fauna (B13) ___ Saturation (A3) ___ Marl Deposits (B15) ___ Water Marks (B1) ___ Hydrogen Sulfide Odor (C1) ___ Sediment Deposits (B2) ___ Oxidized Rhizospheres on Living Roots (C3) ___ Drift Deposits (B3) ___ Presence of Reduced Iron (C4) ___ Algal Mat or Crust (B4) ___ Recent Iron Reduction in Tilled Soils (C6) ___ Iron Deposits (B5) ___ Thin Muck Surface (C7) ___ Inundation Visible on Aerial Imagery (B7) ___ Other (Explain in Remarks) ___ Sparsely Vegetated Concave Surface (B8)	<u>Secondary Indicators (minimum of two required)</u> ___ Surface Soil Cracks (B6) ___ Drainage Patterns (B10) ___ Moss Trim Lines (B16) ___ Dry-Season Water Table (C2) ___ Crayfish Burrows (C8) ___ Saturation Visible on Aerial Imagery (C9) ___ Stunted or Stressed Plants (D1) ___ Geomorphic Position (D2) ___ Shallow Aquitard (D3) ___ Microtopographic Relief (D4) ___ FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes _____ No _____ Depth (inches): _____ Water Table Present? Yes _____ No _____ Depth (inches): _____ Saturation Present? Yes _____ No _____ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No _____
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	

VEGETATION – Use scientific names of plants.

Sampling Point: _____

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: _____)	1. _____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Herb Stratum (Plot size: _____)	1. _____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
_____ = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
Woody Vine Stratum (Plot size: _____)	1. _____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Present? Yes _____ No _____
Remarks: (Include photo numbers here or on a separate sheet.)				

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: _____ City/County: _____ Sampling Date: _____
 Applicant/Owner: _____ State: _____ Sampling Point: _____
 Investigator(s): _____ Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR or MLRA): _____ Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: _____ NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No _____ Hydric Soil Present? Yes _____ No _____ Wetland Hydrology Present? Yes _____ No _____	Is the Sampled Area within a Wetland? Yes _____ No _____ If yes, optional Wetland Site ID: _____
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> ___ Surface Water (A1) ___ Water-Stained Leaves (B9) ___ High Water Table (A2) ___ Aquatic Fauna (B13) ___ Saturation (A3) ___ Marl Deposits (B15) ___ Water Marks (B1) ___ Hydrogen Sulfide Odor (C1) ___ Sediment Deposits (B2) ___ Oxidized Rhizospheres on Living Roots (C3) ___ Drift Deposits (B3) ___ Presence of Reduced Iron (C4) ___ Algal Mat or Crust (B4) ___ Recent Iron Reduction in Tilled Soils (C6) ___ Iron Deposits (B5) ___ Thin Muck Surface (C7) ___ Inundation Visible on Aerial Imagery (B7) ___ Other (Explain in Remarks) ___ Sparsely Vegetated Concave Surface (B8)	<u>Secondary Indicators (minimum of two required)</u> ___ Surface Soil Cracks (B6) ___ Drainage Patterns (B10) ___ Moss Trim Lines (B16) ___ Dry-Season Water Table (C2) ___ Crayfish Burrows (C8) ___ Saturation Visible on Aerial Imagery (C9) ___ Stunted or Stressed Plants (D1) ___ Geomorphic Position (D2) ___ Shallow Aquitard (D3) ___ Microtopographic Relief (D4) ___ FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes _____ No _____ Depth (inches): _____ Water Table Present? Yes _____ No _____ Depth (inches): _____ Saturation Present? Yes _____ No _____ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No _____
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	

VEGETATION – Use scientific names of plants.

Sampling Point: _____

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: _____ Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: _____)	1. _____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Herb Stratum (Plot size: _____)	1. _____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
_____ = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
Woody Vine Stratum (Plot size: _____)	1. _____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Present? Yes _____ No _____
Remarks: (Include photo numbers here or on a separate sheet.)				

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: _____ City/County: _____ Sampling Date: _____
 Applicant/Owner: _____ State: _____ Sampling Point: _____
 Investigator(s): _____ Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR or MLRA): _____ Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: _____ NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No _____ Hydric Soil Present? Yes _____ No _____ Wetland Hydrology Present? Yes _____ No _____	Is the Sampled Area within a Wetland? Yes _____ No _____ If yes, optional Wetland Site ID: _____
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> ___ Surface Water (A1) ___ Water-Stained Leaves (B9) ___ High Water Table (A2) ___ Aquatic Fauna (B13) ___ Saturation (A3) ___ Marl Deposits (B15) ___ Water Marks (B1) ___ Hydrogen Sulfide Odor (C1) ___ Sediment Deposits (B2) ___ Oxidized Rhizospheres on Living Roots (C3) ___ Drift Deposits (B3) ___ Presence of Reduced Iron (C4) ___ Algal Mat or Crust (B4) ___ Recent Iron Reduction in Tilled Soils (C6) ___ Iron Deposits (B5) ___ Thin Muck Surface (C7) ___ Inundation Visible on Aerial Imagery (B7) ___ Other (Explain in Remarks) ___ Sparsely Vegetated Concave Surface (B8)	<u>Secondary Indicators (minimum of two required)</u> ___ Surface Soil Cracks (B6) ___ Drainage Patterns (B10) ___ Moss Trim Lines (B16) ___ Dry-Season Water Table (C2) ___ Crayfish Burrows (C8) ___ Saturation Visible on Aerial Imagery (C9) ___ Stunted or Stressed Plants (D1) ___ Geomorphic Position (D2) ___ Shallow Aquitard (D3) ___ Microtopographic Relief (D4) ___ FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes _____ No _____ Depth (inches): _____ Water Table Present? Yes _____ No _____ Depth (inches): _____ Saturation Present? Yes _____ No _____ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No _____
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	

VEGETATION – Use scientific names of plants.

Sampling Point: _____

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: _____ Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: _____)	1. _____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Herb Stratum (Plot size: _____)	1. _____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
_____ = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
Woody Vine Stratum (Plot size: _____)	1. _____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Present? Yes _____ No _____
Remarks: (Include photo numbers here or on a separate sheet.)				

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: _____ City/County: _____ Sampling Date: _____
 Applicant/Owner: _____ State: _____ Sampling Point: _____
 Investigator(s): _____ Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR or MLRA): _____ Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: _____ NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No _____ Hydric Soil Present? Yes _____ No _____ Wetland Hydrology Present? Yes _____ No _____	Is the Sampled Area within a Wetland? Yes _____ No _____ If yes, optional Wetland Site ID: _____
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> ___ Surface Water (A1) ___ Water-Stained Leaves (B9) ___ High Water Table (A2) ___ Aquatic Fauna (B13) ___ Saturation (A3) ___ Marl Deposits (B15) ___ Water Marks (B1) ___ Hydrogen Sulfide Odor (C1) ___ Sediment Deposits (B2) ___ Oxidized Rhizospheres on Living Roots (C3) ___ Drift Deposits (B3) ___ Presence of Reduced Iron (C4) ___ Algal Mat or Crust (B4) ___ Recent Iron Reduction in Tilled Soils (C6) ___ Iron Deposits (B5) ___ Thin Muck Surface (C7) ___ Inundation Visible on Aerial Imagery (B7) ___ Other (Explain in Remarks) ___ Sparsely Vegetated Concave Surface (B8)	<u>Secondary Indicators (minimum of two required)</u> ___ Surface Soil Cracks (B6) ___ Drainage Patterns (B10) ___ Moss Trim Lines (B16) ___ Dry-Season Water Table (C2) ___ Crayfish Burrows (C8) ___ Saturation Visible on Aerial Imagery (C9) ___ Stunted or Stressed Plants (D1) ___ Geomorphic Position (D2) ___ Shallow Aquitard (D3) ___ Microtopographic Relief (D4) ___ FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes _____ No _____ Depth (inches): _____ Water Table Present? Yes _____ No _____ Depth (inches): _____ Saturation Present? Yes _____ No _____ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No _____
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	

VEGETATION – Use scientific names of plants.

Sampling Point: _____

<u>Tree Stratum</u> (Plot size: _____)	<u>Absolute % Cover</u>	<u>Dominant Species?</u>	<u>Indicator Status</u>	
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: _____ Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
<u>Sapling/Shrub Stratum</u> (Plot size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				
<u>Herb Stratum</u> (Plot size: _____)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
_____ = Total Cover				
<u>Woody Vine Stratum</u> (Plot size: _____)				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Present? Yes _____ No _____
Remarks: (Include photo numbers here or on a separate sheet.)				

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: _____ City/County: _____ Sampling Date: _____
 Applicant/Owner: _____ State: _____ Sampling Point: _____
 Investigator(s): _____ Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR or MLRA): _____ Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: _____ NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No _____ Hydric Soil Present? Yes _____ No _____ Wetland Hydrology Present? Yes _____ No _____	Is the Sampled Area within a Wetland? Yes _____ No _____ If yes, optional Wetland Site ID: _____
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> ___ Surface Water (A1) ___ Water-Stained Leaves (B9) ___ High Water Table (A2) ___ Aquatic Fauna (B13) ___ Saturation (A3) ___ Marl Deposits (B15) ___ Water Marks (B1) ___ Hydrogen Sulfide Odor (C1) ___ Sediment Deposits (B2) ___ Oxidized Rhizospheres on Living Roots (C3) ___ Drift Deposits (B3) ___ Presence of Reduced Iron (C4) ___ Algal Mat or Crust (B4) ___ Recent Iron Reduction in Tilled Soils (C6) ___ Iron Deposits (B5) ___ Thin Muck Surface (C7) ___ Inundation Visible on Aerial Imagery (B7) ___ Other (Explain in Remarks) ___ Sparsely Vegetated Concave Surface (B8)	<u>Secondary Indicators (minimum of two required)</u> ___ Surface Soil Cracks (B6) ___ Drainage Patterns (B10) ___ Moss Trim Lines (B16) ___ Dry-Season Water Table (C2) ___ Crayfish Burrows (C8) ___ Saturation Visible on Aerial Imagery (C9) ___ Stunted or Stressed Plants (D1) ___ Geomorphic Position (D2) ___ Shallow Aquitard (D3) ___ Microtopographic Relief (D4) ___ FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes _____ No _____ Depth (inches): _____ Water Table Present? Yes _____ No _____ Depth (inches): _____ Saturation Present? Yes _____ No _____ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No _____
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	

VEGETATION – Use scientific names of plants.

Sampling Point: _____

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: _____ Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: _____)	1. _____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Herb Stratum (Plot size: _____)	1. _____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
_____ = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
Woody Vine Stratum (Plot size: _____)	1. _____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Present? Yes _____ No _____
Remarks: (Include photo numbers here or on a separate sheet.)				

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: _____ City/County: _____ Sampling Date: _____
 Applicant/Owner: _____ State: _____ Sampling Point: _____
 Investigator(s): _____ Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR or MLRA): _____ Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: _____ NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No _____ Hydric Soil Present? Yes _____ No _____ Wetland Hydrology Present? Yes _____ No _____	Is the Sampled Area within a Wetland? Yes _____ No _____ If yes, optional Wetland Site ID: _____
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> ___ Surface Water (A1) ___ Water-Stained Leaves (B9) ___ High Water Table (A2) ___ Aquatic Fauna (B13) ___ Saturation (A3) ___ Marl Deposits (B15) ___ Water Marks (B1) ___ Hydrogen Sulfide Odor (C1) ___ Sediment Deposits (B2) ___ Oxidized Rhizospheres on Living Roots (C3) ___ Drift Deposits (B3) ___ Presence of Reduced Iron (C4) ___ Algal Mat or Crust (B4) ___ Recent Iron Reduction in Tilled Soils (C6) ___ Iron Deposits (B5) ___ Thin Muck Surface (C7) ___ Inundation Visible on Aerial Imagery (B7) ___ Other (Explain in Remarks) ___ Sparsely Vegetated Concave Surface (B8)	<u>Secondary Indicators (minimum of two required)</u> ___ Surface Soil Cracks (B6) ___ Drainage Patterns (B10) ___ Moss Trim Lines (B16) ___ Dry-Season Water Table (C2) ___ Crayfish Burrows (C8) ___ Saturation Visible on Aerial Imagery (C9) ___ Stunted or Stressed Plants (D1) ___ Geomorphic Position (D2) ___ Shallow Aquitard (D3) ___ Microtopographic Relief (D4) ___ FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes _____ No _____ Depth (inches): _____ Water Table Present? Yes _____ No _____ Depth (inches): _____ Saturation Present? Yes _____ No _____ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No _____
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	

VEGETATION – Use scientific names of plants.

Sampling Point: _____

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: _____ Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				
Herb Stratum (Plot size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
Remarks: (Include photo numbers here or on a separate sheet.)				
_____ = Total Cover				Hydrophytic Vegetation Present? Yes _____ No _____

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: _____ City/County: _____ Sampling Date: _____
 Applicant/Owner: _____ State: _____ Sampling Point: _____
 Investigator(s): _____ Section, Township, Range: _____
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR or MLRA): _____ Lat: _____ Long: _____ Datum: _____
 Soil Map Unit Name: _____ NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes _____ No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No _____ Hydric Soil Present? Yes _____ No _____ Wetland Hydrology Present? Yes _____ No _____	Is the Sampled Area within a Wetland? Yes _____ No _____ If yes, optional Wetland Site ID: _____
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> ___ Surface Water (A1) ___ Water-Stained Leaves (B9) ___ High Water Table (A2) ___ Aquatic Fauna (B13) ___ Saturation (A3) ___ Marl Deposits (B15) ___ Water Marks (B1) ___ Hydrogen Sulfide Odor (C1) ___ Sediment Deposits (B2) ___ Oxidized Rhizospheres on Living Roots (C3) ___ Drift Deposits (B3) ___ Presence of Reduced Iron (C4) ___ Algal Mat or Crust (B4) ___ Recent Iron Reduction in Tilled Soils (C6) ___ Iron Deposits (B5) ___ Thin Muck Surface (C7) ___ Inundation Visible on Aerial Imagery (B7) ___ Other (Explain in Remarks) ___ Sparsely Vegetated Concave Surface (B8)	<u>Secondary Indicators (minimum of two required)</u> ___ Surface Soil Cracks (B6) ___ Drainage Patterns (B10) ___ Moss Trim Lines (B16) ___ Dry-Season Water Table (C2) ___ Crayfish Burrows (C8) ___ Saturation Visible on Aerial Imagery (C9) ___ Stunted or Stressed Plants (D1) ___ Geomorphic Position (D2) ___ Shallow Aquitard (D3) ___ Microtopographic Relief (D4) ___ FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes _____ No _____ Depth (inches): _____ Water Table Present? Yes _____ No _____ Depth (inches): _____ Saturation Present? Yes _____ No _____ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No _____
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	

VEGETATION – Use scientific names of plants.

Sampling Point: _____

<u>Tree Stratum</u> (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: _____ Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
<u>Sapling/Shrub Stratum</u> (Plot size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				
<u>Herb Stratum</u> (Plot size: _____)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
_____ = Total Cover				
<u>Woody Vine Stratum</u> (Plot size: _____)				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
_____ = Total Cover				Hydrophytic Vegetation Present? Yes _____ No _____
Remarks: (Include photo numbers here or on a separate sheet.)				

Summary of Development Proposals 3.28.23

Capstone Homes Project 1

168 - 2 Story Townhomes (189 all wetlands gone)
 For Sale - Owner Occupied
 23.7 Gross Acres
 +/- 20 acres developed
 \$300,000 - \$335,000 - Price Point
 Homeowners Association
 3 bedrooms, 3 bathrooms
 1,500-1,800 SF
 Enhanced Architecture along Bunker Lake Blvd
 Developer to work through process to fill Wetland 2, portion of Wetland 1 and move pond
 \$275,000 - Tax Assessed Valuation per Unit
 46,200,000 Total Tax Valuation (51,975,000)
 \$3,046 - Estimated Taxes per Unit (1A Homestead)
 \$2,420 - Local Taxes per Unit
 \$511,728 - Annual Estimated Taxes Upon Project Completion (1A Homestead) (less wetland and pond acreage) (\$575,694)
 \$406,560 - Annual LOCAL Tax Estimate Upon Project Completion (1A - Homestead) (less wetland and pond acreage) (\$457,380)

Capstone Homes Project 2 (reserve retail)

137 - 2 Story Attached Townhomes (164 - est, all wetlands gone)
 For Sale - Owner Occupied
 3.0 Acres reserved for retail to be retained by City
 23.7 Gross Acres
 +/- 18 acres developed
 \$300,000 - \$335,000 - Price Point
 Homeowners Association
 3 bedrooms, 3 bathrooms
 1,500-1,800 SF
 Enhanced Architecture along Bunker Lake Blvd
 Developer to work through process to fill Wetland 2, portion of Wetland 1 and move pond
 \$275,000 - Tax Assessed Valuation per Unit
 42,000,000 Total Tax Valuation (\$45,100,000)
 \$3,046 - Estimated Taxes per Unit (1A Homestead)
 \$2,420 - Local Taxes per Unit
 \$417,302 - Annual Estimated Taxes Upon Project Completion (1A Homestead) (less wetland and pond acreage) (499,544)
 \$331,540 - Annual LOCAL Tax Estimate Upon Project Completion (1A - Homestead) (less wetland and pond acreage) (396,880)

Centra Homes Project 2

147 - 2 Story Townhomes
 For Sale - Owner Occupied
 23.7 Gross Acres
 All Wetland filled and pond solved for
 For Sale - Owner Occupied
 \$350,000 - \$400,000 - Price Point
 Homeowners Association
 3 - 4 bedrooms, 2.5 bathrooms
 1,742-1,875 SF
 Developer to work through process to fill Wetland 2, Wetland 1 and move / solve for pond
 \$325,000 - Tax Assessed Valuation per Unit
 47,775,000 Total Tax Valuation
 \$3,663 - Estimated Taxes per Unit (1A Homestead)
 \$2,923 - Local Taxes per Unit
 \$538,461 - Annual Estimated Taxes Upon Project Completion (1A Homestead) (less wetland and pond acreage)
 \$429,681 - Annual LOCAL Tax Estimate Upon Project Completion (1A - Homestead) (less wetland and pond acreage)

Centra Homes Project 1 (reserve retail)

124 - 2 Story Townhomes
 For Sale - Owner Occupied
 23.7 Gross Acres
 All Wetland filled and pond solved for
 For Sale - Owner Occupied
 \$350,000 - \$400,000 - Price Point
 Homeowners Association
 3 - 4 bedrooms, 2.5 bathrooms
 1,742-1,875 SF
 Developer to work through process to fill Wetland 2, Wetland 1 and move / solve for pond
 \$325,000 - Tax Assessed Valuation per Unit
 40,300,000 Total Tax Valuation
 \$3,663 - Estimated Taxes per Unit (1A Homestead)
 \$2,923 - Local Taxes per Unit
 \$454,212 - Annual Estimated Taxes Upon Project Completion (1A Homestead) (less wetland and pond acreage)
 \$364,560 - Annual LOCAL Tax Estimate Upon Project Completion (1A - Homestead) (less wetland and pond acreage)

Norhart (Projects 1 and 2)

3.2 Acre Lot
 150 Unit, Mixed Use, 5 Story, Market Rate Apartment
 Norhart glass corner feature
 Multiple Building Amenities - See Narrative
 Multiple Unit Amenities - See Narrative
 Multiple Exterior Amenities - See Narrative
 5,000 SF ground level retail space (i.e Jimmy Johns, Jamba Juice, Coffee Shop)
 Heated Underground Parking Available
 \$37,500,000 - Tax Assessed Valuation Estimate (250K/Unit)
 \$517,000 - Annual Taxes (4A - Apartment)
 \$432,000 - Local Taxes (4A - Apartment)

Large Format Retail Development (very preliminary interest shown)

(Potential users - Walmart, Target, Fleet Farm, Hy-Vee, Menards, Home Depot, Lowes or others)
 Might be visibility and or access issues
 Room for other smaller users possible
 Approximately 15-20 Acres
 \$12-16M Estimated Tax Assessed Value
 \$368,000 - \$491,000 Annual Taxes (3A)
 \$250,000 - \$340,000 Local Taxes + FD

BUNKER LAKE BLVD. NW

ARMSTRONG BLVD. NW

189 TOTAL LOTS

RAMSEY PARKWAY

RAMSEY PARKWAY (FUTURE)

TE STREET NW

