Zoom Option

In order to practice social distancing related to the COVID-19 pandemic, the Chaska City Council meeting on Monday, March 15, 2021 will be held **virtually on a platform called Zoom.** To learn more about participating or watching the meetings, visit www.chaskamn.com. Any questions about how to participate should be directed to the Chaska Communication Department at communications@chaskamn.com or (952)448-9200.

COMMISSION INTERVIEWS
Park & Rec Board
6:00 – 7:00 PM

AGENDA
CHASKA CITY COUNCIL
ZOOM
Monday, March 15, 2021
7:00 PM

1. Call to Order
2. Pledge of Allegiance
3. Roll Call
4. Adopt Agenda
5. Visitor Presentation
   - 5.A. Dr. Richard Scott - COVID Update
6. Approve Previous Meeting Minutes
   - 6.A. Approve the February 22, 2021 City Council Meeting Minutes
7. Consent Items

7.A. Adopt Ordinance 993, Amend Chapter 1, Section 1.12.010 General Penalty for Violation Penalty of Code

7.B. Accept the Public Improvements for Club West 7th Addition

7.C. Accept the Public Improvements for Club West 8th Addition

7.D. Accept the Public Improvements for Club West 9th Addition

7.E. Appointment of Human Rights Commission Chair and Vice-Chair

7.F. Authorize Equipment Lease Agreement with MMPA

7.G. Adopt Resolution 2021-12 Chaska Creek Center - Phase 2 Street and Utility Improvements

7.H. Approve the Wetland Replacement Plan for Chaska Creek Industrial Center

8. Action Items

8.A. Adopt Resolution 2021-10 and Resolution 2021-11, PUBLIC HEARING: Approve the Right of Way Vacation, Final Site & Building Plan and Final Plat for Chaska Creek Industrial (Chaska Creek Center 3rd Addition)/Oppidan/PC #2021-02

8.B. Pedestrian and Bicycle Master Plan Consultant

9. Bills

9.A. ACCOUNTS PAYABLE COUNCIL ROSTER 3-15-2021

10. Other Business

10.A. City Administrator's Report

10.A.i. Biweekly 3/15/2021

10.B. Other Reports

10.B.i. Financial Reports-January

11. Adjourn

DRAFT

- MINUTES -
CHASKA CITY COUNCIL
February 22, 2021

1. Call to Order
The meeting was called to order by Mayor Windschitl at 7 pm.

2.Pledge of Allegiance

3. Roll Call
Roll call was taken. Present: Councilmembers Hatfield, Hubbard, Huang, Grau, and Mayor Windschitl.
Absent: None.

Also Present: Kevin Ringwald, Community Development Director; Liz Hanson, City Planner; Luke Melchert, City Attorney; Noel Graczyk, Administrative Services Director; City Engineer Matt Clark; Nate Kabat, Assistant Administrator; and Matt Podhradsky, City Administrator.

4. Adopt the Agenda
Motion by Councilmember Hatfield, second by Councilmember Hubbard to adopt the agenda as presented. Motion carried.

5. Visitor Presentation
5.A. Update on Recruitment Efforts
Police Chief Seibert provided the Council with an update on recruitment efforts.

City Administrator Podhradsky spoke further regarding recruitment.

Councilmember Hubbard inquired after the relationship between the City and instructors at feeder schools.

Police Chief Seibert stated that it could be improved.

Councilmember Huang asked how wide geographically the recruitment net is cast.

Police Chief Seibert provided detail regarding the geographic recruitment area and stated that improvements can be made.

Councilmember Hubbard inquired what percentage of CSO's and Police Explorer participants become sworn officers.

Police Chief Seibert estimated that percentage.

Councilmember Grau shared his thoughts regarding recruitment efforts.

DRAFT

City Administrator Podhradsky also provided comment regarding efforts to increase the recruitment pool.

5.B. Local Education Advocacy Group - Team 112
Zach Saueressing with Team 112 provided an update on the goals and plans of Team 112.

Mayor Windschitl shared thoughts on the 2019 referendum and noted that conflicting information in the proposed referendum is confusing.

The Council Meeting lost audio for six minutes.

Mr. Saueressing and the Council continued discussions regarding the local public schools.

Councilmember Grau thanked Mr. Saueressing and Team 112 for their work.

Councilmember Hatfield asked if the connection series discussions will be posted.

Mr. Saueressing stated that highlights would be posted to the website after editing and noted these were meant to be town hall meetings, but with the pandemic have had to become virtual events.

5.C. A.C.T. United Community Awareness to Action Conference
Jessica Bartholomew, Executive Director with ACT United, provided an update regarding current issues with youth in relation to sexual exploitation. She invited the Council, Staff, and residents to attend the webinar series this week for the 7th Annual Community Awareness to Action Conference and provided details regarding the conference.

The Council thanked Ms. Bartholomew and ACT United for their efforts in the community.

6. Minutes
Motion by Councilmember Grau, second by Councilmember Hubbard to approve the minutes of the February 1, 2021 City Council meeting.

Councilmember Hubbard noted a typo in the meeting minutes regarding PPP Loans. City Administrator Podhradsky stated that would be corrected.

Motion carried.

7. Consent Agenda
Motion by Councilmember Huang, second by Councilmember Hatfield to approve the Consent Agenda Items A through E:

A. Adopt Ordinance 992, Amending Chapter 2, Section 2.24 Human Rights Commission
   Motion to approve Ordinance No. 2021-992 amending Chapter 2, Section 2.24 Human Rights Commission to allow for youth member between the age of 16 and 20 to a 1-year term and approve the updated Commission handbook to reflect the change and other updates needed.

DRAFT

B. 2021 Full and Part-time Pay Classification
   Motion to approve the 2021 Pay Classification Plan.
C. Authorize Engagement for Audit of 2020 Fiscal Year
   Motion to authorize the Mayor and City Administrator to sign an audit engagement letter with MMKR for audit of the fiscal year ending December 31, 2020 and authorize the Administrative Services Director / Treasure to sign a Non-Attest Service Documentation Form for the 2020 Audit.
D. Adopt Resolution 2021-8, Support for the Arboretum Area Transportation Plan
   Motion to approve Resolution No. 2021-8, supporting the Arboretum Area Transportation Plan.
E. Adopt Resolution 2021-9, Support for the Highway 10 Corridor Plan
   Motion to approve Resolution No. 2021-9, supporting the Highway 10 Corridor Plan.

Motion carried.

8. Action Items

8.A. 2021 Union Contracts
City Administrator Podhradsky presented the item to the Council.

Councilmember Huang asked what the requirements are for using cellphones for personal items.

City Administrator Podhradsky explained staff will go back to having a phone for City-use and can use their own personal cell phone for personal use.

Councilmember Hubbard asked for further clarification for Article 7 under the grievance process.

City Administrator Podhradsky detailed the change in that language in the sergeant contract.

Councilmember Grau inquired how the uniform allowance works with the retroactive nature of the contract.

City Administrator Podhradsky provided further clarity regarding that situation.

Councilmember Grau asked if the compensation for uniform allowance is taxable.

City Administrator Podhradsky stated it is.

Motion by Councilmember Huang, second by Councilmember Hatfield to adopt Resolution No. 2021-7 approving employment contracts for 2021 between the City of Chaska and Teamsters Local 320, LELS Local 210, LELS Local 447 and LELS Local 385, with these agreements becoming effective January 1, 2021. Motion carried.

8.B. Adopt Resolution 2021-7, Resolution Calling for a Public Hearing on the Establishment of TIF District No. 24 Chaska Creek Industrial
Assistant Administrator Kabat presented the item to the Council.

DRAFT

Motion by Councilmember Hubbard, second by Councilmember Huang to adopt resolution calling for a public hearing on the establishment of TIF District No. 24 Chaska Creek Industrial. Motion carried.

Jay Moore with Oppidan thanked the Council for moving this project along.

9. Bills
9.A. Accounts Payable Council Roster 2-22-2021

The Council requested further information about bills on pages 4, 24, and 32.

City Administrator Podhradsky provided further information regarding those bills.

Motion by Councilmember Huang, second by Councilmember Grau to approve the bills as presented. Roll call was taken. Voting aye: Councilmembers Hatfield, Hubbard, Huang, Grau and Mayor Windschitl. Voting nay: None
Motion carried.

10. Other Business
10.A. City Administrator's Report
10.A.i. Bi-Weekly Report 2-22-2021

Councilmember Grau:
- Congratulated the Chaska girls' basketball team for being seen by ESPN as an "also considered" team for the top 25 teams in the nation.

Councilmember Huang:
- Thanked those who volunteered at the food distribution event on the 18th.
- Noted there is a food distribution event on March 11, 2021 at the old Gedney factory.
- Noted there is a Fair for All food event on February 25, 2021 at Crown of Glory.
- Reported that Guardian Angels is closing and noted that he is sad to see that happen.
- Commented that the healthcare company used by the City is a great company.

Councilmember Hubbard:
- Noted she attended the food distribution event on the 18th and that it was well attended.
- Updated the Council regarding the 21 Day Racial Equity Challenge that she participated in this month.
- Noted she was invited to listen to a racial justice event with speaker Brian Stevenson that was very interesting.
- Noted her sorrow at the passing of Barb Colhapp and offered her condolences to her family and friends. The Council also noted that Barb will be missed.

City Administrator Podhradsky:
- Provided an update regarding the Federal stimulus package that is going through and how the City will benefit.

DRAFT

Mayor Windschitl:

- Noted the Council has a work session on Monday, February 1.
- Recognized the work that Staff did to secure vaccinations for a portion of the senior population in Chaska. City Administrator Podhradsky updated the Council regarding Ridgeview's plan to secure a percentage of vaccines for those residents that have difficulty with technology and rides.
- Noted the great strides made in the train siding issue that was brought up earlier this year. City Administrator Podhradsky provided further information regarding discussions for silent crossings.
- Noted Fire and Ice is slated to happen in October, which would coincide with 150th Anniversary of the Chaska Fire Department.

11. Adjourn

Motion by Councilmember Huang, second by Councilmember Hubbard to adjourn the meeting at 9:13 pm.
Motion carried.

REQUEST FOR ACTION
CHASKA CITY COUNCIL
3/15/2021

Subject: **Amend Chapter 1, Section 1.12.010 General Penalty for Violation of Code**

Prepared By: Denise Beebe, Senior Clerk

Two sections under the general penalty for violation of code were found to conflict with each other and the fees needed to be updated.

CITY COUNCIL ACTION REQUESTED

Motion to approve Ordinance No. 2021-993 Amending Chapter 1, Section 1.12.010 General Penalty for Violation of Code

CITY OF CHASKA
ORDINANCE MC 2021-993

WHEREAS, two sections of the ordinance conflicted with each other and needed to be corrected; and

WHEREAS, the ordinance also needed to be updated to reflect the correct fees

NOW THEREFORE, be it ordained by the Council of City of Chaska, in the State of Minnesota, as follows:

SECTION 1: **AMENDMENT** "1.12.010 General Penalty For Violation Of Code; Petty Misdemeanors, Continuing Violations" of the City of Chaska Municipal Code is hereby *amended* as follows:

BEFORE AMENDMENT

1.12.010 General Penalty For Violation Of Code; Petty Misdemeanors, Continuing Violations

A. Except as hereinafter provided in paragraph B for petty misdemeanors, whenever in this Code or in any ordinance of the City any act is prohibited or is made or declared to be unlawful or a misdemeanor, or whenever in such Code or ordinance the doing of any act is required or the failure to do any act is declared to be unlawful or a misdemeanor, where no specific penalty is provided therefore, the violation of any such provision of this Code or any ordinance shall be punished by a fine of not more than five hundred dollars ($500.00) or imprisonment for a period of ninety (90) days, or both. Each day any violation of any provisions of this Code, or of any ordinance, shall continue shall constitute a separate offense.
B. Petty misdemeanor means a petty offense which is prohibited by this Code of Ordinances which does not constitute a crime and for which a sentence of a fine of not more than one hundred dollars ($100.00) may be imposed. Violations of the following sections of this Code of Ordinances are hereby determined to be petty misdemeanors: CMCO 10.08.010 through CMCO 10.08.040, and CMCO 10.08.060, CMCO 10.08.080, and CMCO 10.08.100 through CMCO 10.08.110 paragraph B, and including CMCO 10.08.110 paragraph E; CMCO 6.04.030; and CMCO 13.04.110.

(Ord. No. 187, Sec. 1, 8/12/69; Ord. No. 315, Sec. 1, 11/15/81; Ord. No. 565, Sec. 1, 12/19/94).

AFTER AMENDMENT

1.12.010 General Penalty For Violation Of Code; Petty Misdemeanors, Continuing Violations

A. Except as hereinafter provided in paragraph B for petty misdemeanors, whenever in this

Code or in any ordinance of the City any act is prohibited or is made or declared to be unlawful or a misdemeanor, or whenever in such Code or ordinance the doing of any act is required or the failure to do any act is declared to be unlawful or a misdemeanor, where no specific penalty is provided therefore, the violation of any such provision of this Code or any ordinance shall be punished by a fine of not more than one thousand ~~five hundred~~ dollars ($1000~~$500.00~~) or imprisonment for a period of ninety (90) days, or both. Each day any violation of any provisions of this Code, or of any ordinance, shall continue shall constitute a separate offense.

B. Petty misdemeanor means a petty offense which is prohibited by this Code of Ordinances which does not constitute a crime and for which a sentence of a fine of not more than one hundred dollars ($100.00) may be imposed. Violations of the following sections of this Code of Ordinances are hereby determined to be petty misdemeanors: CMCO 10.08.010 through CMCO 10.08.040, and CMCO 10.08.060, CMCO 10.08.080, and CMCO 10.08.100 through CMCO 10.08.110 paragraph B, and including CMCO 10.08.110 paragraph E; CMCO 6.04.030.~~; and CMCO 13.04.110.~~

(Ord. No. 187, Sec. 1, 8/12/69; Ord. No. 315, Sec. 1, 11/15/81; Ord. No. 565, Sec. 1, 12/19/94).

PASSED AND ADOPTED BY THE CITY OF CHASKA COUNCIL _____.

	AYE	NAY	ABSENT	ABSTAIN
Councilmember Grau	_____	_____	_____	_____
Councilmember Hatfield	_____	_____	_____	_____
Councilmember Huang	_____	_____	_____	_____
Councilmember Hubbard	_____	_____	_____	_____
Mayor Windschitl	_____	_____	_____	_____

Presiding Officer

Attest

_____
Mark Windschitl, Mayor, City of Chaska

_____
Denise Beebe, Senior Clerk City of Chaska

REQUEST FOR ACTION
CHASKA CITY COUNCIL
3/15/2021

Subject: Public Improvements – Club West 7th Addition

Prepared By: Matt Clark, City Engineer

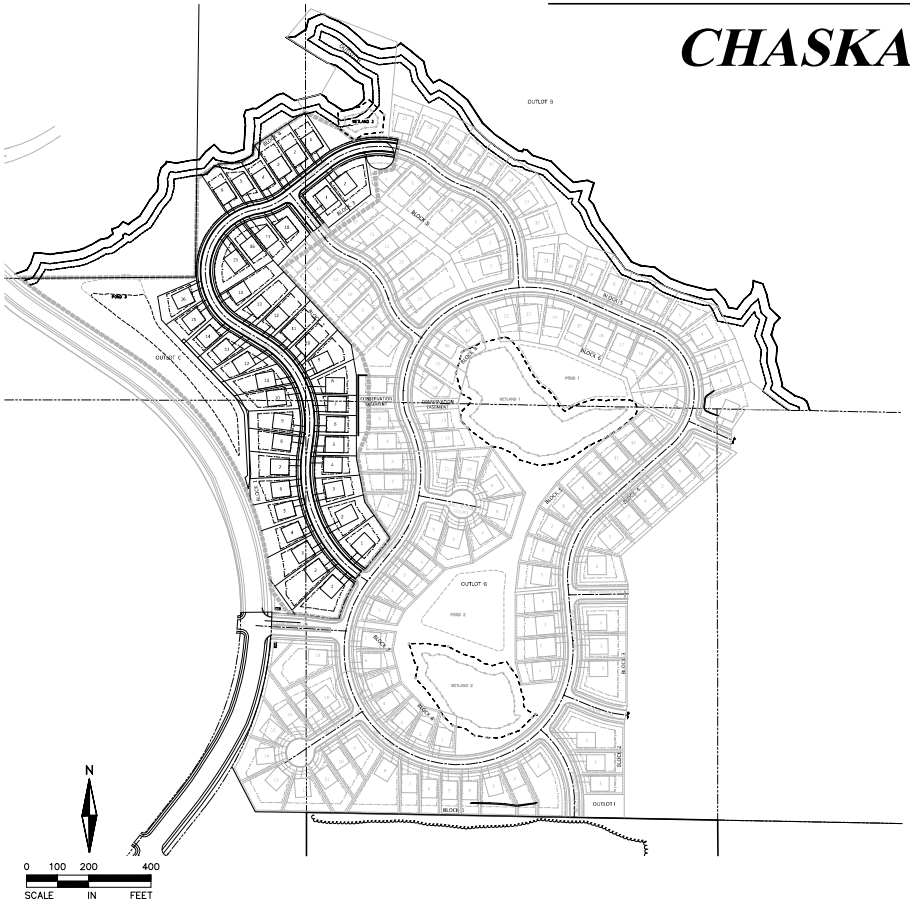
Installation of public improvements is completed in Club West 7th Addition. Consistent with terms of the Development Agreement, Chaska is in the position to formally accept said improvements as public facilities. Further, the letter of credit guaranteeing those improvements shall be reduced to 5% for a period of 2 years from the date of acceptance.

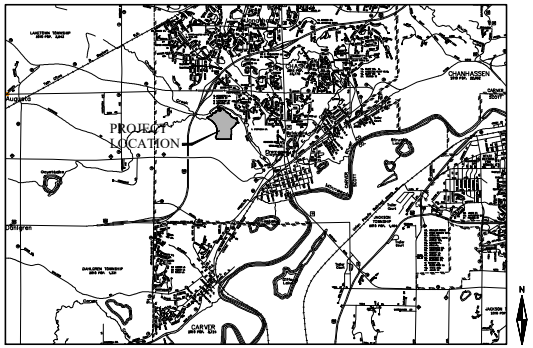
CITY COUNCIL ACTION REQUESTED

Motion to accept the public improvements in Club West 7th Addition as municipal facilities and adjust the letter of credit accordingly.

HARVEST PHASE II

CHASKA, MINNESOTA





VICINITY MAP
NOT TO SCALE

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LANDSCAPE ARCHITECT
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LICENSE NO. 19507
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CLUB WEST 7TH ADDITION

TRADITION development

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I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA
DAVID NASH, PE
6-27-2018 — 21836
DATE — LICENSE NO.

PROJECT TEAM
DESIGNED: DN
DRAWN: CAB
PROJECT NO: 216-0028

QA/QC REVIEW
DJN — 6-27-18
BY — DATE

DATE	ISSUE	DATE	ISSUE
4-3-18	CITY SUBMITTAL		
5-4-18	COLLECTOR ROAD BUFFER		
6-19-18	CITY COMMENTS		
6-27-18	UTILITY COMMENTS		

HARVEST PHASE II

PHASE III STREET AND UTILITY CONSTRUCTION DOCUMENTS

COVER SHEET

1

SHEET **1** of 26

Drawing name: X:\2016\160028\plan sheets\harvest iii - 3rd add cd\160028cove.dwg Jun 27, 2018 - 5:02pm

REQUEST FOR ACTION
CHASKA CITY COUNCIL
3/15/2021

Subject: Public Improvements – Club West 8th Addition

Prepared By: Matt Clark, City Engineer

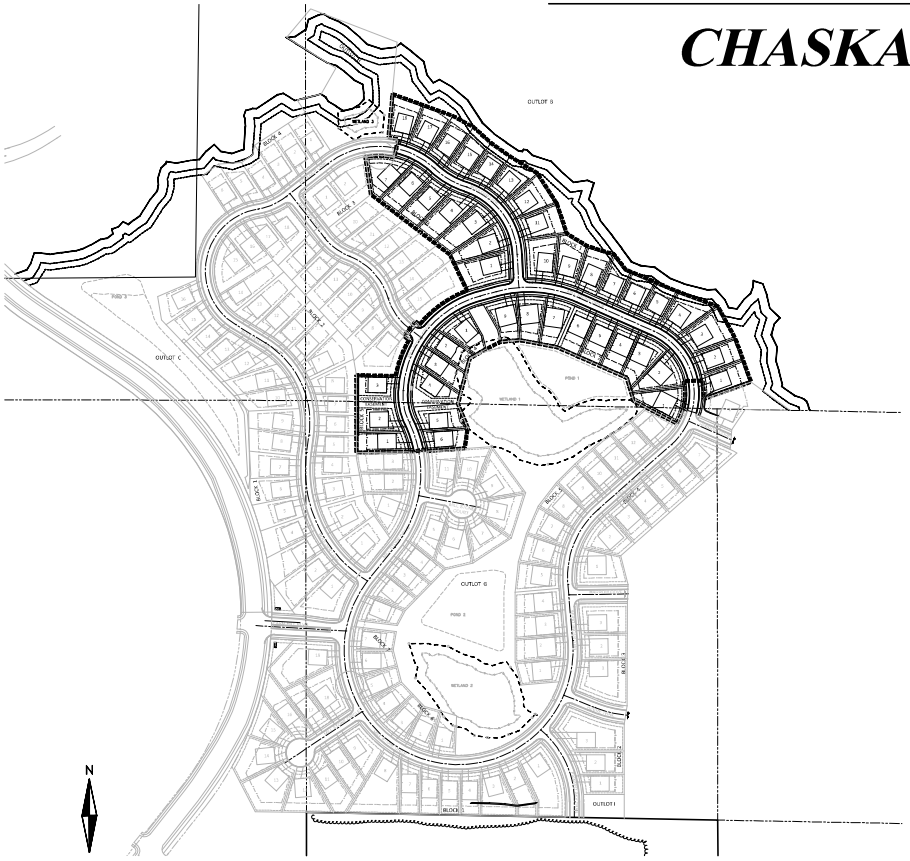
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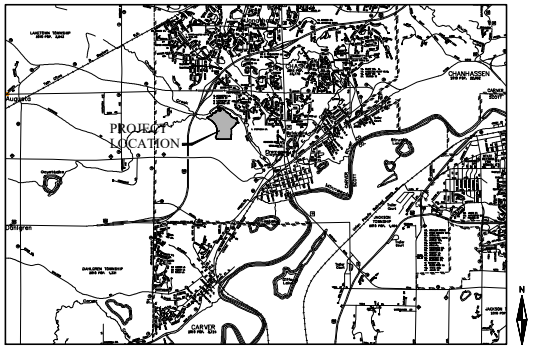
CITY COUNCIL ACTION REQUESTED

Motion to accept the public improvements in Club West 8th Addition as municipal facilities and adjust the letter of credit accordingly.

HARVEST PHASE II

CHASKA, MINNESOTA





VICINITY MAP
NOT TO SCALE

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CLUB WEST 8TH ADDITION

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DAVID NASH, PE
12-19-2018 — DATE
21836 — LICENSE NO.

PROJECT TEAM
DESIGNED: DN
DRAWN: NS
PROJECT NO: 216-0028

QA/QC REVIEW
DJN — BY
12-19-2018 — DATE

DATE	ISSUE	DATE	ISSUE
09-19-18	CITY SUBMITTAL		
11-09-18	CITY RE-SUBMITTAL		
12-19-18	STORM STRUCTURE REV.		

HARVEST PHASE II

PHASE IV STREET AND UTILITY CONSTRUCTION DOCUMENTS

COVER SHEET

1

SHEET **1** of 25

Drawing name: X:\2016\160028\plan sheets\HARVEST II – 4TH ADD CD\160028cove.dwg Dec 19, 2018 – 11:38am

REQUEST FOR ACTION
CHASKA CITY COUNCIL
3/15/2021

Subject: Public Improvements – Club West 9th Addition

Prepared By: Matt Clark, City Engineer

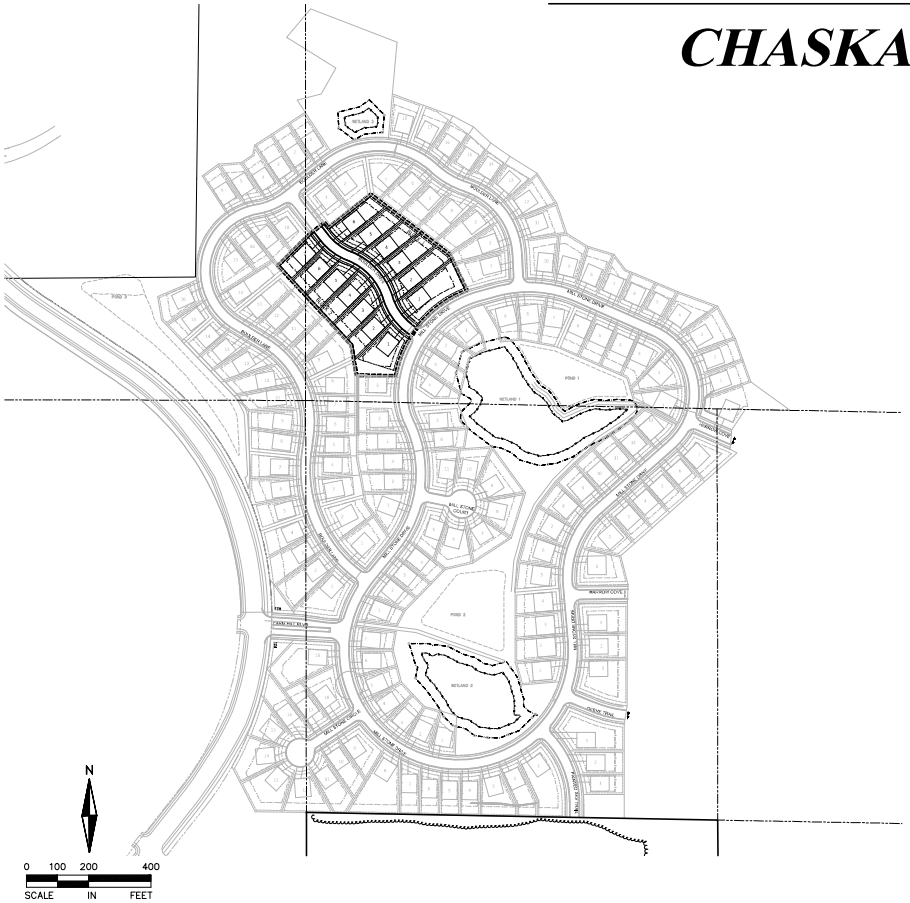
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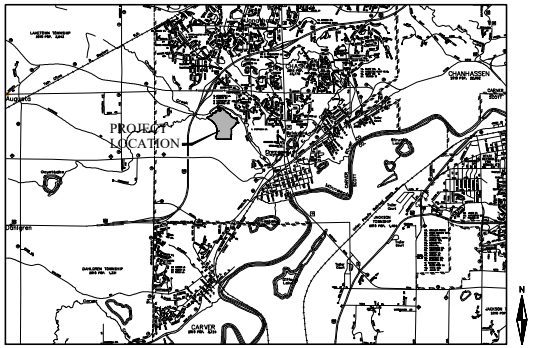
CITY COUNCIL ACTION REQUESTED

Motion to accept the public improvements in Club West 9th Addition as municipal facilities and adjust the letter of credit accordingly.

HARVEST PHASE II

CHASKA, MINNESOTA





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NOT TO SCALE

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SANITARY SEWER AND WATERMAIN PLAN AND PROFILES	9
LANDSCAPE AND TREE PRESERVATION PLAN	10
LANDSCAPE NOTES AND SCHEDULE	11

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CLUB WEST 9TH ADDITION

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DAVID NASH, PE
01-30-2019 — 21836
DATE — LICENSE NO.

PROJECT TEAM
DESIGNED: DN
DRAWN: NS
PROJECT NO: 216-0028

QA/QC REVIEW
DJN — 01-30-2019
BY — DATE

DATE	ISSUE	DATE	ISSUE
01-08-19	CITY SUBMITTAL		
01-30-19	CITY COMMENTS		

HARVEST PHASE II

PHASE V STREET AND UTILITY CONSTRUCTION DOCUMENTS

COVER SHEET

1

SHEET **1** of 11

Drawing name: X:\2016\160028\plan sheets\HARVEST II – 5TH ADD CD\160028cove.dwg Jan 30, 2019 – 3:30pm

REQUEST FOR ACTION
CHASKA CITY COUNCIL
March 15, 2021

Subject: **Appointment of Human Rights Commission Chair and Vice-Chair**

Prepared By: Nate Kabat

Background

City Ordinance states that the City Council is to appoint the Chairperson and Vice-Chairperson for the Human Rights Commission. The Council has historically relied on the members of the Human Rights Commission to recommend individuals for these two positions to make the appointments. For calendar year 2020, Jen Welvaert served as Chair and Sarah Carlson served as Vice-Chair.

On February 25, 2021 the Human Rights Commission voted to recommend Sarah Carlson as Chairperson and Celi Haga as Vice-Chairperson. The Human Rights Commission seeks Council approval of its recommendation.

CITY COUNCIL ACTION REQUESTED

Motion to appoint Sarah Carlson as Human Rights Commission Chairperson and to appoint Celi Haga as Human Rights Commission Vice-Chairperson.

REQUEST FOR ACTION
CHASKA CITY COUNCIL
3/15/2021

Subject: **Authorize Equipment Lease Agreement with MMPA**

Prepared By: Noel Graczyk, Administrative Services Director

Background

In 2020, the City in conjunction with Minnesota Municipal Power Agency (MMPA) completed installation of a new breaker at the Minnesota River Station (MRS.) Installation of this breaker provides benefits to the City on the distribution side of the substation and benefits to MMPA on the transmission side. Prior to installation of this breaker, MMPA indicated to the City that it would be able to reimburse the City for costs associated with the purchase, engineering, construction, and testing of a new breaker through a transmission system program with Midcontinent Independent System Operator (MISO.)

MMPA and the City previously entered into a Purchased Power Agreement (PPA) as part the financing first issued by the City in 2000 for the MRS. By entering into a new Equipment Lease Agreement with the City, MMPA is permitted to use the breaker for the remaining term of the PPA and for an optional renewal period. Lease payments paid by MMPA to the City will then be submitted by MMPA to MISO for funding. The terms of the lease will reimburse the City for total project costs of $558,877 at an annual interest rate of 2.75% over a period from January 1, 2021 through April 1, 2031. Attached is a draft of the proposed lease.

Because the MRS is financed by the City's Electric Revenue Refunding Bonds, Series 2015A Bond Council to the City has reviewed the proposed lease with MMPA and recommends that all payments from MMPA to the City for the lease be remitted to the Trustee. The City will then have access to these payments as part of the Surplus Fund as defined in the Trust Agreement.

This equipment lease for the installation of the breaker provides the City with greater protection on the distribution side of the substation located at MRS. The City will also be reimbursed for the full cost of the breaker by once again working jointly with MMPA.

Recommendation
Staff recommends approval of the motion.

CITY COUNCIL ACTION REQUESTED
Motion to authorize the Mayor and City Administrator to sign an Equipment Lease Agreement with MMPA.

Equipment Lease Agreement

Name and Address of Lessor:

City of Chaska (the "City" or "Lessor")
One City Hall Plaza
Chaska, MN 55318

Name and Address of Lessee:

Minnesota Municipal Power Agency ("MMPA" or "Lessee")
220 South Sixth Street
Suite 1300
Minneapolis, MN 55402

Quantity, Description and Identification of Equipment Leased:

Pennsylvania Breaker; Model No.: PB145-40; Serial No.: J1014-01 (the "Equipment")

Location of Equipment if Other Than Lessee's Above Address:

The "Facilities" as described in that certain Agreement to Design, Permit and Build – City of Chaska Gas Turbine/Generator ("Design-Build Agreement") entered into between the City and MMPA on or about December 22, 1999.

Expiration of Lease and Schedule of Rental Payments:

Term of Lease:	Set forth in Article III
Effective Date of Lease:	On January 1, 2021
Payments Are To Be Made:	Monthly, as set forth in Article II
First Payment Due:	January 1, 2021
Amount of Each Monthly Payment:	$5,182.86

Terms and Conditions of Lease

I. LEASE

In consideration of the covenants herein contained, Lessee hereby leases from Lessor the personal property hereinabove described and hereinafter called "Equipment", on the terms and conditions herein set forth, and in witness thereof each hereby executes this Lease, and each certifies that the person signing this Lease on its behalf is authorized to bind such party to this obligation.

II. RENTAL

As rental for the Equipment, Lessee agrees to pay to Lessor, during the term of this Lease, the rental payment as specified herein. The first payment due hereunder, is due on January 1, 2021, in the amount of $5,182.86 ("Base Rent"). Thereafter, payments equal to the Base Rent are to be made on the 1st day of each and every calendar month during the term of the Lease, commencing on February 1, 2021. Payment of said Base Rent shall be made in advance on the dates specified herein at the office of Lessor, or to such other person, firm, or corporation at such other place as Lessor may from time to time designate in advance in writing. In addition to said Base Rent, Lessee shall pay the amount of any personal property taxes, or any other taxes and all maintenance, and other costs and expenses as hereinafter set forth, payment thereof to be made when due to the person or entity entitled thereto; however, Lessee shall not be responsible for any such obligations that were incurred or became due prior to the effective date of this Lease. Base Rent is subject to adjustment as provided in Article VII herein.

Notwithstanding anything in this Lease to the contrary, all amounts payable by Lessee to or on behalf of Lessor under this Lease, whether or not expressly denominated as rent, shall constitute rent for all purposes.

Should Lessee fail to pay any part of the Base Rent or any other sum required to be paid to Lessor, within ten (10) days after the due date thereof, Lessee shall pay unto Lessor interest on such delinquent payment from the expiration of said ten (10) days until paid at the higher of zero point six seven percent (0.67%) per month or the highest lawful contract rate allowed by the State in which the Equipment is located.

The parties acknowledge that this is a true lease and not a "finance lease" as defined in M.S. §336.2A-103(1)(g).

III. TERM

This Lease shall commence on January 1, 2021 and shall continue until April 30, 2031 (the "Term End"), unless extended as provided herein.

IV. EXTENSION

If Lessee exercises its rights under a Peaking Power Sales Agreement (Option Years dated as of December 22, 1999) between Lessor and Lessee to extend its rights in relation to the Facilities (the "Option Years Agreement"), then, upon delivery of a notice consistent with any notices required under the Option Years Agreement, Lessee may elect to extend the term of this Lease for a term

coterminous with the extension term under the Option Years Agreement. During any extension period of the term for this Lease, pursuant to such an exercise, the Base Rent for the Equipment shall be $1.00 per calendar year.

V. PAYMENT TO INDENTURE TRUSTEE

All payments of Base Rent are "Revenues" of the Facilities (as such term is defined under that certain Indenture of Trust dated as of October 1, 2015 (the "Indenture") by and between the City of Chaska and Wells Fargo Bank, National Association in relation to Lessor's Electric Revenue Refunding Bonds (Generating Facilities), Series 2015A in the original aggregate principal amount of $21,760,000.00 (the "Bonds")), and shall be made by Lessee directly to Wells Fargo Bank, National Association as the Trustee (the "Trustee") on behalf of Lessor, for deposit in the Revenue Fund (as defined in the Indenture).

VI. INSTALLATION

Lessor, at its sole cost and expense, is responsible for:

A. The rebuilding and inspection of Equipment prior to its installation;

B. Retaining such engineers as Lessee deems appropriate to design for the installation of the Equipment into the Facilities;

C. Contracting for the installation of the Equipment into the Facilities; and

D. Providing for commissioning of the Equipment after its installation in the Facilities.

Lessor is solely responsible for the cost and the means and methods of constructing the installation and commissioning of the Equipment in the Facilities. Lessee shall be afforded reasonable opportunities on reasonable notice to inspect the installation of the Equipment at the Facilities. Nothing herein shall restrain or any way interfere with any rights to access that Lessee possesses under the Amended and Restated Peaking Power Sales Agreement by and between Lessor and Lessee dated October 1, 2015 ("Power Sales Agreement"). At the conclusion of installation and commissioning of the Equipment all responsibilities for maintenance of the Equipment, as installed, are the obligation of Lessee.

VII. BASE RENT

Lessor anticipates completion of the installation of the Equipment to occur so that the Lease can commence on January 1, 2021. The amount of Base Rent is calculated as follows:

A. The Base Rent set forth in this Lease is premised upon:

1. The Equipment having a value of $50,000.00; and

2. Engineering fees, construction costs and commissioning for installation, design, monitoring and inspection of $508,876.48 ("Engineering, Construction and Commissioning").

The $50,000.00 cost of the Equipment is fixed and has been paid by Lessor, and the $508,876.48 is the actual costs of the Engineering, Construction and Commissioning paid by Lessor and used to determine the actual Base Rent. The Equipment cost and the $508,876.48 for Engineering, Construction and Implementation, together with an interest rate of two point seven five percent (2.75%) applied to the sum on a fully amortizing basis is the means by which Base Rent is calculated. Base Rent is $5,182.86 per month.

B. Lessor has provided to Lessee a spreadsheet documenting the actual Engineering, Construction and Commissioning costs referenced in this Article VII and a calculation of the Base Rent. Lessor shall, at Lessee's written request, provide Lessee with invoices to substantiate Lessor's calculation of Engineering, Construction, Commissioning and Base Rent.

VIII. WARRANTIES

LESSOR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AS TO THE CONDITION, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER MANNER CONCERNING THE EQUIPMENT. LESSEE HEREBY WAIVES ANY CLAIM IT MIGHT HAVE AGAINST LESSOR FOR ANY LOSS, DAMAGE, OR EXPENSE CAUSED BY THE EQUIPMENT OR BY ANY DEFECT THEREIN, USE OR MAINTENANCE THEREOF FOR WHICH LESSOR ASSUMES NO RESPONSIBILITY, OR SERVICING OR ADJUSTMENT THERETO AND, AS TO LESSOR, LEASES THE EQUIPMENT AS-IS AND IF ANY FAULTS PREVAIL, LESSEE AGREES TO SETTLE ALL SUCH CLAIMS DIRECTLY WITH THE MANUFACTURER OR SUPPLIER AND WILL NOT ASSERT ANY SUCH CLAIMS AGAINST LESSOR OR LESSOR'S ASSIGNEE. Lessee acknowledges that it has fully inspected the Equipment and is leasing the Equipment in an **"AS IS-WHERE IS"** condition. Lessee acknowledges that the Equipment is used.

IX. ACCEPTANCE

Prior to Lessee's execution of this Lease, Lessee has made all inspections and tests of the Equipment deemed necessary by Lessee in order to determine whether the Equipment is in acceptable condition and repair. The execution of this Lease by Lessee is an acknowledgement that Lessee has accepted the Equipment and is satisfied that the Equipment constitutes the Equipment specified in this Lease.

X. TITLE AND QUIET ENJOYMENT

Lessor covenants it is the owner of the Equipment free of encumbrances and interests of third parties, and that as long as Lessee shall not be in default of this Lease, Lessee shall peacefully and quietly hold and possess the Equipment during the term hereof. Title to the Equipment at all times remains in Lessor, and nothing herein contained shall give or convey to Lessee any right, title, or interest in and to any unit leased hereunder except as a Lessee.

XI. TERMINATION

This Lease terminates on the later of April 30, 2031 or an extended date if Lessee exercises the option to extend provided in Article IV.

XII. RESTRICTIONS ON REPAIRS AND ALTERATIONS

Lessee shall keep and maintain Equipment in working order and shall supply and install all replacement parts and accessories when required to keep the Equipment in working condition, which parts and accessories shall be and become the property of Lessor upon installation upon the Equipment. With the exception of replacement parts and accessories, Lessee shall not, without the prior written consent of Lessor (which consent shall not be unreasonably withheld, conditioned or delayed), make any alterations, modifications, additions, subtractions, or improvements to the Equipment, but if so authorized by Lessor, any such alterations, modifications, additions or improvements shall become the property of Lessor and shall be deemed to be a part of the Equipment.

XIII. MAINTENANCE

Lessee shall have all responsibility in connection with maintenance, repair or replacement of parts of the Equipment.

XIV. LOCATION AND INSPECTION

The Equipment at all times shall be located at the Facilities in Chaska, Minnesota. Lessor shall at any and all times during business hours and upon reasonable advance notice, have the right to enter into and upon the premises where the Equipment may be located for the purpose of inspecting the same or observing its use. Lessee shall not move the Equipment from the Facilities.

XV. RETURN OF EQUIPMENT

Upon the termination of this Lease, Lessee shall surrender the Equipment to Lessor in good condition, casualty, reasonable wear and tear, and depreciation from proper use excepted.

XVI. LEASE IS IRREVOCABLE

Except as specifically provided herein, this Lease is irrevocable for the full term and Lessee's obligation to pay the rent for the full term shall not abate by reason of loss of or damage to the Equipment or termination of Lessee's possession for any other reason.

XVII. TAXES

Should real estate or personal property taxes or payments in lieu thereof (collectively, "Taxes") be levied or imposed against the Equipment during the term of this Agreement, Lessor will be responsible for payment of one-half of such Taxes payable and Lessee will be responsible for one-half of such Taxes payable. The parties shall pay their respective shares of Taxes due not less than fifteen (15) days prior to the date due to the appropriate taxing authorities. Lessee also agrees to keep the Equipment free and clear of all levies, liens and encumbrances that may be imposed by any creditor or claimant of Lessee, and agrees to pay any and all taxes (other than Taxes) owed by Lessee, assessments incurred by Lessee, or other charges levied against Lessee or assessed against

Lessee or Lessor on or with respect to the Equipment or its use or value and to provide permits and licenses, if any, necessary for installation or operation.

XVIII. GOVERNMENT REGULATIONS

Lessee shall comply with any governmental statute, ordinance or regulation and hereby indemnifies Lessor against any liability arising from a breach of the same by Lessee and agrees to defend any action brought at the sole expense of Lessee, providing Lessor shall be entitled to participate in any litigation arising in connection with the Equipment through its own attorneys at its own expense.

XIX. ASSIGNABILITY BY LESSEE

Notwithstanding anything to the contrary, Lessee shall be permitted to (a) assign operational control of all or any part of the Equipment to Midcontinent Independent System Operator, Inc. and its successors and assigns ("**MISO**") and (b) assign any part of its rights, title or interest in this Lease and/or the Equipment to a wholly owned subsidiary.

Lessee shall not mortgage or encumber this Lease, nor sublet, nor suffer or permit the Equipment or any part thereof to be used by others, without the prior written consent of Lessor in each instance. However, if this Lease is assigned to any person or entity pursuant to the provisions of the Bankruptcy Code, Title 11 of the United States Code, any and all monies or other considerations payable or otherwise to be delivered in connection with such assignment shall be paid or delivered to Lessor, shall be and remain the exclusive property of Lessor, and shall not constitute property of Lessee or of the estate of Lessee within the meaning of the Bankruptcy Code. Any and all monies or other considerations constituting Lessor's property under the preceding sentence not paid or delivered to Lessor shall be held in trust for the benefit of Lessor and be promptly paid or delivered to Lessor.

Any person or entity to which this Lease is assigned pursuant to the provisions of the Bankruptcy Code, Title 11 of the United States Code, shall be deemed without further act or deed to have assumed all of the obligations arising under this Lease on and after the date of such assignment. Any such assignee, shall, upon demand, execute and deliver to Lessor an instrument confirming such assumption.

XX. ASSIGNABILITY BY LESSOR

Subject to the provisions of Article XXI, Lessor may assign this Lease without notice and the assignee shall succeed to the rights of Lessor. Upon notification of such assignment, all payments required hereunder shall be made upon Lessor's direction or directly to Lessor's assignees.

XXI. RECOUPMENT OF TRANSMISSION EXPENSES

Lessor and Lessee contemplate that Lessee (acting individually and/or by and through one or more wholly owned subsidiaries) will seek cost recovery and/or other reimbursement for certain capital and operating expenses through participation in MISO's Open Access Transmission, Energy and Operating Reserve Markets Tariff and through future similar tariffs or market processes. Such cost recovery and reimbursement activities are referred to herein as "Reimbursement." Notwithstanding anything to the contrary, Lessor shall take no action with respect to the Equipment that will have a material adverse effect on the right of Lessee to receive Reimbursement or on the amount of such Reimbursement.

XXII. INSURANCE

Lessor, at its expense, shall procure and maintain continuously in effect with respect to the Equipment, policies of insurance against such risks and in such amounts as are customary for a prudent municipal owner of properties comparable to those comprising the Facilities, in amounts and with coverages no less favorable than those carried with respect to the remainder of the Facilities under the provisions of the Power Sales Agreement. Lessee shall be named as an additional insured as its interest may appear in all such policies of insurance carried by Lessor pursuant to this Agreement. A certificate of insurance shall be provided by Lessor to Lessee to evidence such insurance and shall be kept current by Lessor. In addition, the certificate shall state that the insurance company may not cancel or reduce any coverage afforded under the policies without first notifying the parties named therein in writing of its intention to cancel or reduce coverage at least thirty (30) days prior to such cancellation or reduction of coverage. Upon request of Lessee, Lessor shall furnish to Lessee copies of the actual insurance policies carried by Lessor pursuant to this Article.

In the event of any damage to or destruction of the Equipment, the proceeds from any insurance maintained with respect to the Equipment shall be managed and disbursed in the manner for Insurance Proceeds set forth in Section 2.05 of the Power Sales Agreement.

To the full extent permitted by law, actions by the parties to this Lease are intended to be and shall be construed as a "cooperative activity" and it is the intent of the parties to this Lease that they be deemed a "single governmental unit" for purposes of liability, all as set forth in Minnesota Statute §471.59, Subd. 1a(a); provided, further, that for purposes of that statute, each party to this Lease expressly declines responsibility for the acts or omissions of the other party.

XXIII. LESSEE'S INDEMNITY AND OBLIGATIONS

Lessee indemnifies and saves Lessor harmless of and from any damage to or loss of the Equipment during the term, however, occasioned, and also against and from all claims, damages, suits and expenses by reason of injury to the person or property occurring from the use or operation of the Equipment during the term hereof, other than those claims, damages, suits and expenses arising from the gross negligence or willful misconduct of Lessor.

XXIV. DEFAULT AND TERMINATION

A. Default and Remedies. If any one or more of the following events shall occur:

1. Lessee shall fail to make any payment hereunder when due, whether for rental or otherwise, which failure shall continue for ten (10) days following written notice of said default to Lessee; or

2. Any representation or warranty at any time furnished or made by Lessee herein proves to have been false or misleading in any material respect at the time as of which the facts therein set forth were stated; or

3. Lessee shall fail to perform or observe any covenant, condition, or agreement to be performed or observed by it hereunder and continues to fail to do so for ten (10) days following receipt of Lessor's notice of such failure; provided, however, that if the nature of the covenant, condition or agreement to be performed will not reasonably permit full performance within ten (10) days, Lessee shall not be in default if Lessee commences to cure such failure within ten (10) days following receipt of Lessor's notice and Lessee proceeds to cure such failure thereafter with reasonable diligence; or

4. Lessee shall cease doing business as a going concern, makes an assignment for the benefit of creditors, generally not pay its debts as they become due, or admits in writing its inability to pay its debts as they become due, files a petition commencing a voluntary case under any chapter of the Bankruptcy Code, Title 11 of the United States Code, be adjudicated an insolvent, files a petition seeking for itself any reorganization, arrangement, composition, readjustment, liquidation, dissolution or similar arrangement under any present or future statute, law, rule or regulation, or files an answer admitting the material allegations of a petition filed against it in any such proceeding, consent to the filing of such a petition or acquiesce in the appointment of a trustee, receiver, custodian, or other similar official for it or of all or any substantial part of its assets or properties, or take any action looking to its dissolution or liquidation; or

5. An order for relief against Lessee shall have been entered under any chapter of the Bankruptcy Code, or a decree or order by a court having jurisdiction in the premises shall have been entered approving as properly filed a petition seeking reorganization, arrangement, readjustment, liquidation, dissolution or similar relief against Lessee under any present or future statute, law, rule or regulation, or within thirty (30) days after the appointment without Lessee's consent or acquiescence of any trustee, receiver, custodian or other similar official for it or of all or any substantial part of its assets and properties, such appointment shall not be vacated; or

6. An order, judgment or decree shall be entered against Lessee by a court of competent jurisdiction and shall continue in effect for any period of ten (10) consecutive days without a stay of execution, or any execution or writ or process shall be issued under any action or proceeding against Lessee whereby the Equipment or its use may be taken or restrained;

Then and in any such event Lessor may, at the sole discretion of Lessor, take any one or more of the following steps:

a) Immediately terminate Lessee's rights hereunder, and require Lessee at its expense promptly to return all or any portion of the Equipment to the possession of Lessor at such place within the United States as Lessor may designate, or, with or without process of law, directly or acting through agents, without liability to Lessee, enter upon the premises of Lessee or other premises where all or any portion of the Equipment may be and take immediate possession of all or any portion of the Equipment, and thenceforth hold, possess and enjoy the same free from any right of Lessee to the possession and use of the Equipment for any purpose whatsoever, in which event Lessee hereby expressly waives all further rights to possession of the Equipment and all claims for injuries suffered through or caused by any such repossession; or

b) Sue for and seek to recover from Lessee all rent and other sums then past due pursuant to the terms and provisions of this Lease; or

c) Declare immediately due and payable, and sue for and seek to recover, all payments of rental, whether or not accrued, and all other amounts payable hereunder; provided, however, that upon the occurrence of any of the events specified in Subparagraphs 5 and 6 above, Lessee's rights under this Lease shall automatically be terminated, Lessee shall, at its expense, promptly return the Equipment to Lessor pursuant to Subparagraph a), and all sums as specified in this Subparagraph c) shall immediately be due and payable, all without further act or deed on the part of Lessor and without notice to Lessee.

B. Concurrent Remedies. No right or remedy herein conferred upon or reserved to Lessor is exclusive of any other right or remedy herein or by law or equity provided or permitted; but each shall be cumulative of every other right or remedy given hereunder or not or hereafter existing at law or in equity or by statute or otherwise, and may be enforced concurrently therewith or from time to time.

C. Lessor's Expenses. Lessee shall pay Lessor all costs and expenses, including attorney's fees, incurred by Lessor in exercising any of its rights or remedies under this Article.

XXV. OWNERSHIP

The Equipment is and shall at all times during the term of this Lease remain the sole and exclusive property of Lessor. Lessee shall have no right, title or interest therein or thereto except as expressly set forth in this Lease.

Lessee shall promptly execute and deliver to Lessor such further documents and take such further action as Lessor may reasonably request in order to more effectively carry out the intent and the purpose of this Lease, or to protect the interest of Lessor in the Equipment, including the filing of Financing Statements covering only the Equipment, which shall be filed solely for notice purposes to make Lessor's ownership of the Equipment a matter of public record and shall not be construed in any way to affect the characterization of this Lease as a true lease for all purposes.

XXVI. PERSONAL PROPERTY

The Equipment shall remain personal property regardless of whether it becomes affixed or attached to real property, or permanently rests upon real property or any improvement thereon. Lessor represents and warrants that none of the Equipment has, or is covered by, a certificate of title.

XXVII. JOINT AND SEVERAL OBLIGATIONS

All obligations of Lessee, if more than one, shall be joint and several. All rights and remedies of Lessor shall be cumulative and not alternative; the failure of Lessor to enforce any of such rights shall not constitute a waiver of such right or any other right, and the waiver of any default shall not be deemed a waiver of any other or subsequent default.

XXVIII. NO DEFAULT

The parties agree that the execution and delivery of this Lease and the performance of the parties' respective obligations hereunder are not and will not be deemed or construed by Lessor or Lessee to constitute a default or an event of default under the Amended and Restated Peaking Power Sales Agreement dated as of October 1, 2015, between Lessor and Lessee; the Amended and Restated Power Sales Agreement Assignment Agreement dated as of October 1, 2015, between Lessee and the Trustee; or any other agreement relating to or securing the Bonds.

XXIX. MISCELLANEOUS

Lessor's failure to insist in any instance upon strict performance by Lessee of any terms, warranties, covenants and promises herein, shall not be construed as a permanent waiver of such terms, warranty, covenants, or promise, or as a waiver of any other of the terms, warranties, covenants, and promises contained herein. Except as set forth in this Lease, no representations, warranties, promises, guarantees or agreements, oral or written, expressed or implied, have been made by either party hereto with respect to this Lease or the Equipment. No modification, extension, renewal, termination or waiver of any provisions herein contained shall be binding upon Lessor unless made in writing and executed on behalf of Lessor by a duly authorized officer of Lessor and this Lease shall not be binding upon Lessor until it is so executed (the entire agreement of the parties being in writing and any prior writings being superseded hereby).

The captions in this Lease are for convenience or reference only and shall not define or limit any of the terms or provisions hereof. As used herein, the term "Lease" shall include all exhibits and schedules related thereto, if any. This Lease shall in all respects be governed by, and construed in accordance with, the laws of the State of Minnesota, including all matters of construction, validity and performance. Time is of the essence hereof.

LESSEE, HAVING CAREFULLY READ ALL PROVISIONS OF THIS AGREEMENT, ACKNOWLEDGES RECEIPT OF A COPY OF THIS AGREEMENT WHICH IS THE FINAL EXPRESSION OF THE AGREEMENT OF THE PARTIES, AND THE COMPLETE AND EXCLUSIVE STATEMENT OF THE TERMS AGREED UPON, ALL PRIOR AGREEMENTS AND UNDERSTANDINGS BEING MERGED HEREIN, AND THAT THERE ARE NO REPRESENTATIONS, WARRANTIES OR STIPULATIONS,

EITHER ORAL OR WRITTEN, NOT HEREIN CONTAINED, NO MODIFICATION OF THIS AGREEMENT MAY BE MADE EXCEPT BY A LIKE SIGNED AGREEMENT.

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IN WITNESS WHEREOF, the parties hereto have executed this Equipment Lease this _____ day of January, 2021.

LESSOR:

CITY OF CHASKA

By:_____
Mark Windschitl

Its: Mayor

By:_____
Matt Podhradsky

Its: City Administrator

Signatures Continue on Next Page

LESSEE:

MINNESOTA MUNICIPAL POWER AGENCY

By:_____

Its:_____

REQUEST FOR ACTION
CHASKA CITY COUNCIL
3/15/2021

Subject: Chaska Creek Center –Phase 2 Street and Utility Improvements

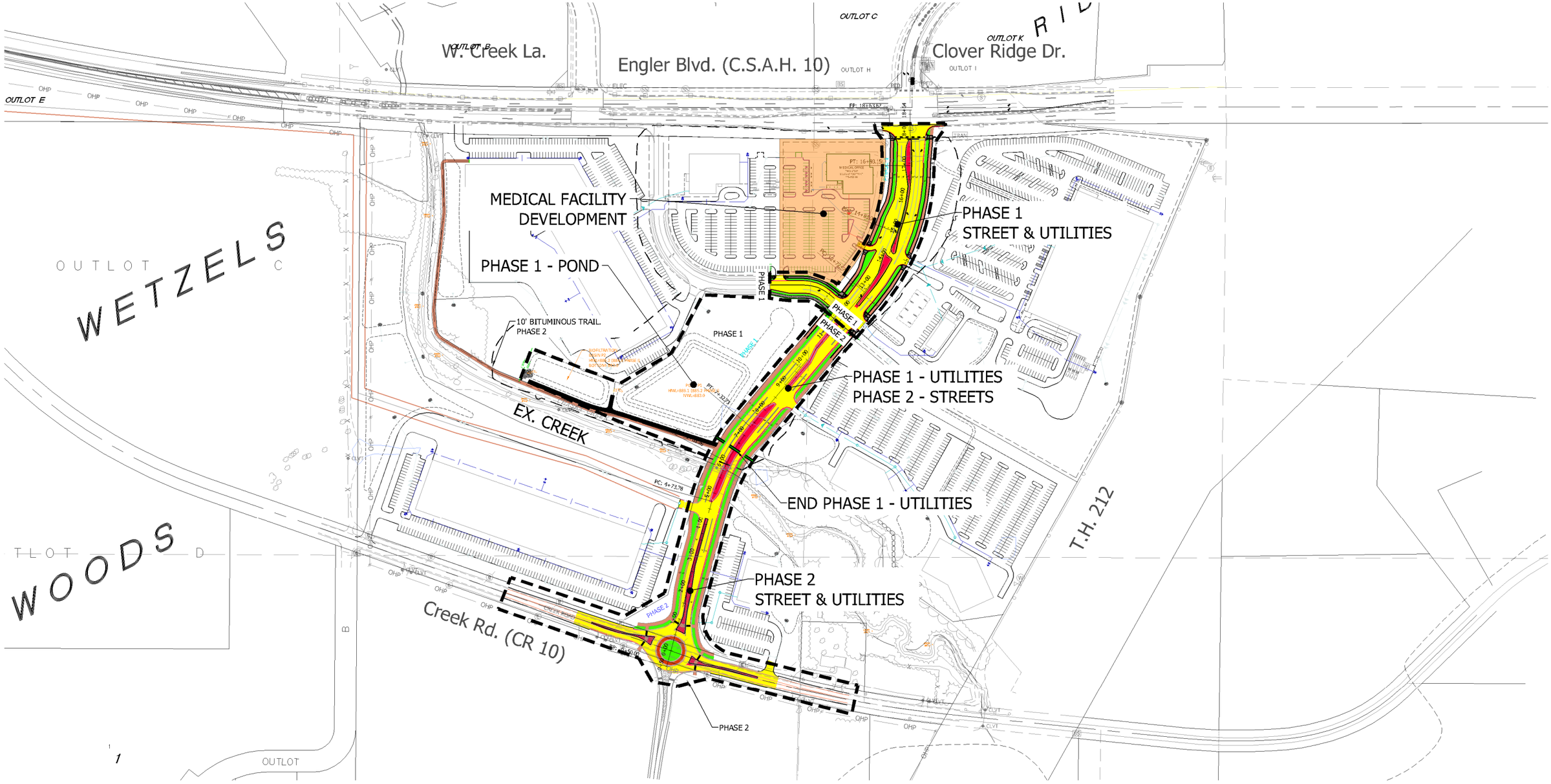
Prepared By: Matt Clark, City Engineer

Approval of the final site and building plans for the new industrial buildings planned over Outlot A, Chaska Creek Center 2nd Addition and Outlot E, Chaska Creek Center within the Chaska Creek Business park requires the extension of street and utility improvements. A feasibility study that was approved by Council included the street and utility improvements that are needed for the extension of Chaska Creek Boulevard in 2017. Phase 2 of the improvements are shown on the attached exhibit. The public improvement project proposes to include the extension of public utilities to the site as well as the construction of the final segment of Chaska Creek Boulevard. In 2018 the City completed a portion of the "Phase 2" improvements which included the new box culvert to allow for the planned street extension and allow for mass grading of the overall master development.

The total project costs for Phase 2 of the improvements are in the process of being updated due to the length of time that has elapsed since the report was completed in 2017. Prior to the Council authorizing the project, City staff will be bringing back the updated project costs to share at a later meeting. Following state statute, the property owners have petitioned the City to complete the street and utility improvements necessary as public improvements with those costs being assessed to the benefiting properties. The action that is being requested allows for the City to prepare construction documents so the project can remain on track with development schedules.

CITY COUNCIL ACTION REQUESTED

Motion to approve Resolution #2021-12 Accepting the petition for Phase 2 of the public improvements for Chaska Creek Boulevard, and ordering preparation of construction documents.



PROPOSED STREET IMPROVEMENTS - OVERVIEW

CHASKA, MINNESOTA

CLOVER RIDGE DRIVE EXTENDED

FIGURE 4

Stantec

2335 Highway 36 W
St. Paul, MN 55113
www.stantec.com

Date: 05/19/2017 PROJ. NO. 193802563

CITY OF CHASKA
CARVER COUNTY, MINNESOTA

RESOLUTION

DATE 3/15/2021 RESOLUTION NO. 2021-12

MOTION BY COUNCILMEMBER SECOND BY COUNCILMEMBER

A Resolution Accepting the Petition for Phase 2 of the Public Improvements for Chaska Creek Boulevard, and Ordering Preparation of Construction Documents

---

WHEREAS, the initial Feasibility Report for Clover Ridge Drive Extension (now referred to as Chaska Creek Boulevard Street & Utility Improvements) was accepted by the Chaska City Council on June 20, 2016, Resolution No. 16-43; and

WHEREAS, the Feasibility Report Amendment for said project was accepted by the Chaska City Council on June 5, 2017, Resolution No. 17-52;

NOW, THEREFORE, BE IT RESOLVED, that the Chaska City Council accepts the petition for phase 2 of the public improvements for the Chaska Creek Boulevard and authorizes preparation of construction documents.

Passed and adopted by the City Council of the City of Chaska, Minnesota, this 15th day of March, 2021.

_____
Mark Windschitl, Mayor

Attest:_____
Chaska Deputy Clerk

REQUEST FOR ACTION
CHASKA CITY COUNCIL
03/15/2021

Subject: **Wetland Replacement Plan for Chaska Creek Industrial Center**

Prepared By: Brent Alcott, Water Resources Coordinator
On Behalf Of: Matthew Clark, City Engineer

As the Local Governmental Unit (LGU) that oversees the Wetland Conservation Act process in Chaska, the City has worked with all regulatory agencies involved in commenting on the wetland replacement plan for the Chaska Creek Industrial Center. There is one wetland that currently exists on the project site that will be impacted due to the grading and construction of a parking lot, industrial building, and stormwater pond (Exhibit A). The applicant will provide wetland mitigation through the purchase of wetland banking credits. City Council has approved the preliminary plat of the development and staff has worked with all regulatory agencies involved in commenting on the wetland replacement plan for the development. All said comments by state and local agencies have been addressed in the attached plan.

CITY COUNCIL ACTION REQUESTED

Motion to Approve the wetland replacement plan for Chaska Creek Industrial Center.



Location Map

Chaska Creek Center

Chaska, Minnesota

Legend

- Project Area
- County Boundary

N W E S

0 1,500 3,000

Scale in Feet

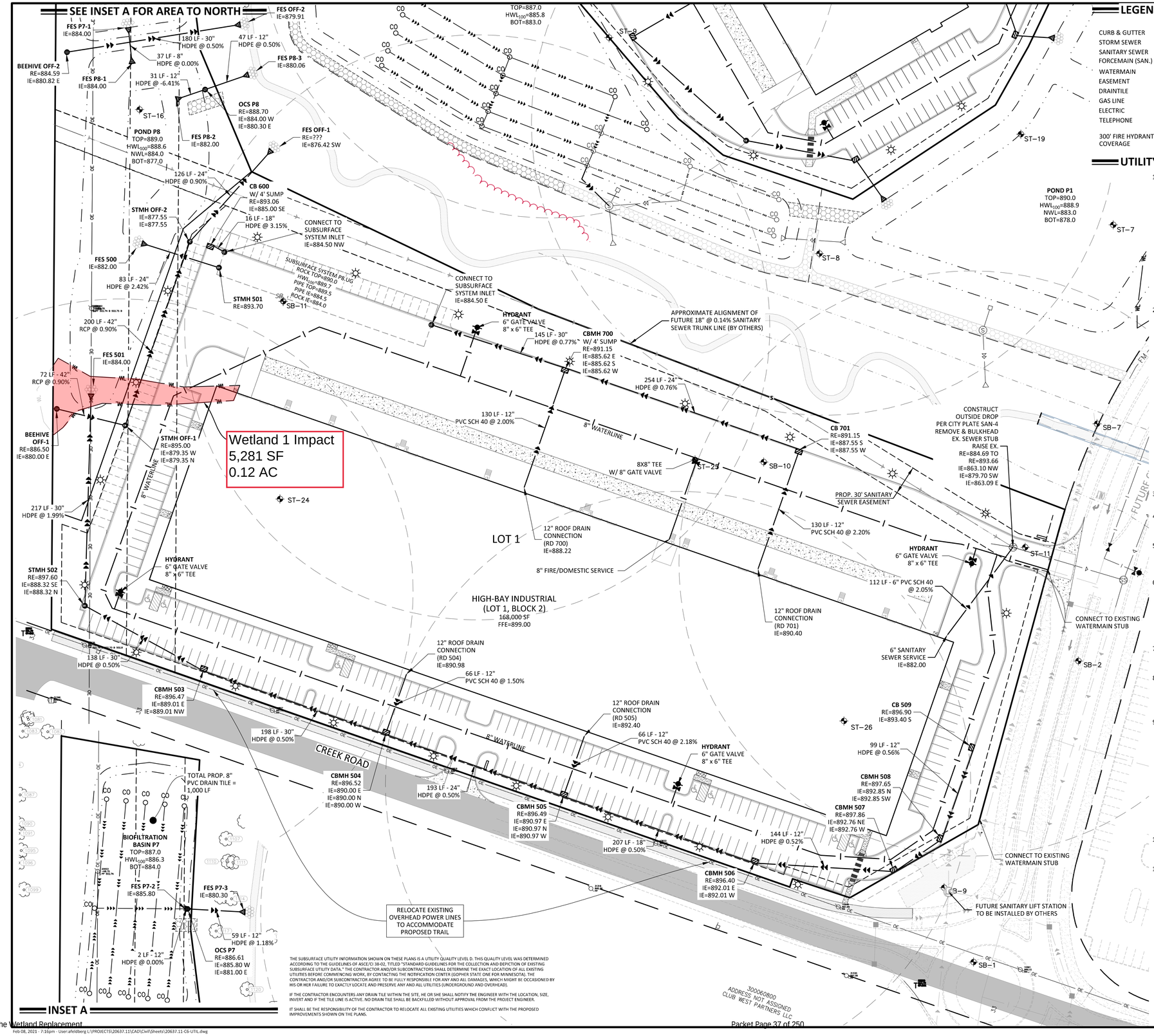
Date:01/15/2020

Project Number: 20637.10

Sambatek

This map was created using Sambatek's Geographic Information Systems (GIS), it is a compilation of information and data from various sources. This map is not a surveyed or legally recorded map and is intended to be used as a reference. Sambatek is not responsible for any inaccuracies contained herein.

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LEGEND

	PROPOSED	EXISTING	FUTURE
CURB & GUTTER			
STORM SEWER	D	D	
SANITARY SEWER	S	S	
FORCEMAIN (SAN.)	FM	FM	
WATERMAIN	W	W	
EASEMENT			
DRAINTILE			
GAS LINE	GL	GL	
ELECTRIC	UE	UE	
TELEPHONE	UT	UT	
300' FIRE HYDRANT COVERAGE			

UTILITY CONSTRUCTION NOTES

1. THE UTILITY IMPROVEMENTS FOR THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD UTILITIES SPECIFICATIONS" AS PUBLISHED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA (CEAM), EXCEPT AS MODIFIED HEREIN. CONTRACTOR SHALL OBTAIN A COPY OF THESE SPECIFICATIONS.
   - 1.1. ALL UTILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY REQUIREMENTS.
   - 1.2. CONTRACTOR SHALL NOT OPEN, TURN OFF, INTERFERE WITH, OR ATTACH ANY PIPE OR HOSE TO OR TAP WATERMAIN BELONGING TO THE CITY UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCES OF ANY SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE THE LIABILITY OF CONTRACTOR.
   - 1.3. A MINIMUM VERTICAL SEPARATION OF 18 INCHES AND HORIZONTAL SEPARATION OF 10-FEET BETWEEN OUTSIDE PIPE DIAMETERS IS REQUIRED AT ALL WATERMAIN AND SEWER MAIN (BUILDING, STORM AND SANITARY) CROSSINGS.
2. ALL MATERIALS SHALL BE AS SPECIFIED IN CEAM SPECIFICATIONS EXCEPT AS MODIFIED HEREIN.
   - 2.1. ALL MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY.
   - 2.2. ALL SANITARY SEWER TO BE PVC SDR-35, UNLESS NOTED OTHERWISE.
     - 2.2.1. ALL SANITARY SEWER SERVICES TO BUILDING SHALL BE PVC SCH 40 CONFORMING TO ASTM D2665.
   - 2.3. ALL WATERMAIN TO BE DUCTILE IRON - CLASS 52, UNLESS NOTED OTHERWISE.
     - 2.3.1. ALL WATERMAIN TO HAVE 7.5-FEET OF COVER OVER TOP OF WATERMAIN.
     - 2.3.2. PROVIDE THRUST BLOCKING AND MECHANICAL JOINT RESTRAINTS ON ALL WATERMAIN JOINTS PER CITY STANDARDS.
   - 2.4. ALL STORM SEWER PIPE TO BE SMOOTH INTERIOR DUAL WALL HDPE PIPE WITH WATER TIGHT GASKETS, UNLESS NOTED OTHERWISE.
     - 2.4.1. ALL STORM SEWER PIPE FOR ROOF DRAIN SERVICES TO BUILDING SHALL BE PVC SCH 40 CONFORMING TO ASTM D2665.
   - 2.5. RIP RAP SHALL BE Mn/DOT CLASS 3.
3. COORDINATE ALL BUILDING SERVICE CONNECTION LOCATIONS AND INVERT ELEVATIONS WITH MECHANICAL CONTRACTOR PRIOR TO CONSTRUCTION.
4. ALL BUILDING SERVICE CONNECTIONS (STORM, SANITARY, WATER) WITH FIVE FEET OR LESS COVER ARE TO BE INSULATED FROM BUILDING TO POINT WHERE 5-FEET OF COVER IS ACHIEVED.
5. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
6. SAFETY NOTICE TO CONTRACTORS- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS ON THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE DUTY OF THE ENGINEER OR THE DEVELOPER TO CONDUCT CONSTRUCTION REVIEW OF CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF CONTRACTOR'S SAFETY MEASURES IN, ON OR NEAR THE CONSTRUCTION SITE.
7. ALL AREAS OUTSIDE THE PROPERTY BOUNDARIES THAT ARE DISTURBED BY UTILITY CONSTRUCTION SHALL BE RESTORED IN KIND. SODDED AREAS SHALL BE RESTORED WITH 6 INCHES OF TOPSOIL PLACED BENEATH THE SOD.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. TRAFFIC CONTROL DEVICES SHALL CONFORM TO APPROPRIATE MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARDS.
9. ALL SOILS TESTING SHALL BE COMPLETED BY AN INDEPENDENT SOILS ENGINEER. EXCAVATION FOR THE PURPOSE OF REMOVING UNSTABLE OR UNSUITABLE SOILS SHALL BE COMPLETED AS REQUIRED BY THE SOILS ENGINEER. THE UTILITY BACKFILL CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF THE SOILS ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED SOILS TESTS AND SOIL INSPECTIONS WITH THE SOILS ENGINEER.

   A GEOTECHNICAL ENGINEERING REPORT HAS BEEN COMPLETED BY:

   COMPANY: _____
   ADDRESS: _____
   PHONE: _____
   DATED: _____

   CONTRACTOR SHALL OBTAIN A COPY OF THIS SOILS REPORT.
10. CONTRACTOR SHALL SUBMIT 2 COPIES OF SHOP DRAWINGS FOR MANHOLE AND CATCH BASIN STRUCTURES TO _____. CONTRACTOR SHALL ALLOW 5 WORKING DAYS FOR SHOP DRAWING REVIEW.
11. CONTRACTOR AND MATERIAL SUPPLIER SHALL DETERMINE THE MINIMUM DIAMETER REQUIRED FOR EACH STORM SEWER STRUCTURE.

Sambatek
www.sambatek.com
12800 Whitewater Drive, Suite 300
Minnetonka, MN 55343
763.476.6010 telephone
763.476.8532 facsimile
Engineering | Surveying | Planning | Environmental

Client
OPPIDAN

400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed professional ENGINEER under the laws of the state of Minnesota.

PRELIMINARY

Brady D. Busselman
Registration No. 49579 Date: 12/01/2020

If applicable, contact us for a wet signed copy of this plan which is available upon request at Sambatek's, Minnetonka, MN office.

Summary

Designed: AKF Drawn: JGP
Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

Revision History

No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
UTILITY PLAN - LOT 1, BLOCK 2

Sheet No. Revision
C6.03

Project No. 20637.11

REQUEST FOR ACTION
CHASKA CITY COUNCIL
03/15/2021

Subject: **PUBLIC HEARING: Right of Way (ROW) Vacation for 10 feet on the Northwest Corner of Creek Road and Chaska Creek Boulevard**

Applicant: Oppidan

Prepared By: Elizabeth Hanson

Staff Recommendation: Motion to adopt Resolution

Creek Road & Chaska Creek Boulevard Right-of-Way Vacation
The Chaska Creek Industrial project (plat Chaska Creek Center 3rd Addition) was approved for Preliminary Site & Building Plan, Preliminary Plat and Rezoning at the Council's January 25, 2021 meeting. Tonight we are reviewing the Final Site & Building Plan and Final Plat for this project, coupled with the Right-of-Way (ROW) Vacation. The project includes two industrial buildings on two separate parcels; currently platted as Outlot A and Outlot E of Chaska Creek Center. Outlot E is on the southerly outlot on the NW corner of Creek Road and Chaska Creek Boulevard.

There is large ROW area at the NW corner of Creek Road and Chaska Creek Boulevard. This large area was due to the anticipation of a temporary lift station being placed in this area to help serve the development until City sewer could be extended to this site. The temporary lift station has recently been abandoned as the City now plans to extend trunk sewer up Creek Road to the extent of Chaska Creek Center's development. Because of this the increased ROW shown on the NW corner is now obsolete as it will no longer be used for a lift station. The applicant is requesting to vacate 10 feet of this ROW to include in their site plan to achieve the 10 foot parking setback requirement and additional buffer for landscaping. The final plat of Chaska Creek Center 3rd Addition will account for this added area into their site if approved. Staff believes this is an acceptable request as the extra ROW is no longer needed.

The vacation area makes up approximately 0.033 acres (10 feet in width for a span of approximately 150 feet on the SE corner of Outlot E of plat Chaska Creek Center) of the current NW corner of Creek Road and Chaska Creek Boulevard ROW.

CITY COUNCIL ACTION REQUESTED
Motion to adopt Resolution No. 2021-10 to approve the Right of Way (ROW) Vacation for 10 feet on the Northwest Corner of Creek Road and Chaska Creek Boulevard.

CITY OF CHASKA
CARVER COUNTY, MINNESOTA

RESOLUTION

DATE MARCH 15, 2021 RESOLUTION NO. 2021-10

MOTION BY COUNCILMEMBER SECOND BY COUNCILMEMBER

Resolution approving the Right of Way Vacation of 10 feet on Northwest Corner of Creek Road and Chaska Creek Boulevard/Oppidan

WHEREAS, there is large ROW area at the NW corner of Creek Road and Chaska Creek Boulevard; and

WHEREAS, this large area was due to the anticipation of a temporary lift station being placed in this area to help serve the development until City sewer could be extended to this site; and

WHEREAS, the temporary lift station has recently been abandoned as the City now plans to extend trunk sewer up Creek Road to the extent of Chaska Creek Center's development; and

WHEREAS, because of this the increased ROW shown on the NW corner is now obsolete as it will no longer be used for a lift station; and

WHEREAS, the applicant is requesting to vacate 10 feet of this ROW to include in their site plan to achieve the 10 foot parking setback requirement and additional buffer for landscaping; and

WHEREAS, the final plat of Chaska Creek Center 3rd Addition will account for this added area into their site if approved; and

WHEREAS, staff believes this is an acceptable request as the extra ROW is no longer needed; and

WHEREAS, the vacation area makes up approximately 0.033 acres (10 feet in width for a span of approximately 150 feet on the SE corner of Outlot E of plat Chaska Creek Center) of the current NW corner of Creek Road and Chaska Creek Boulevard ROW; and

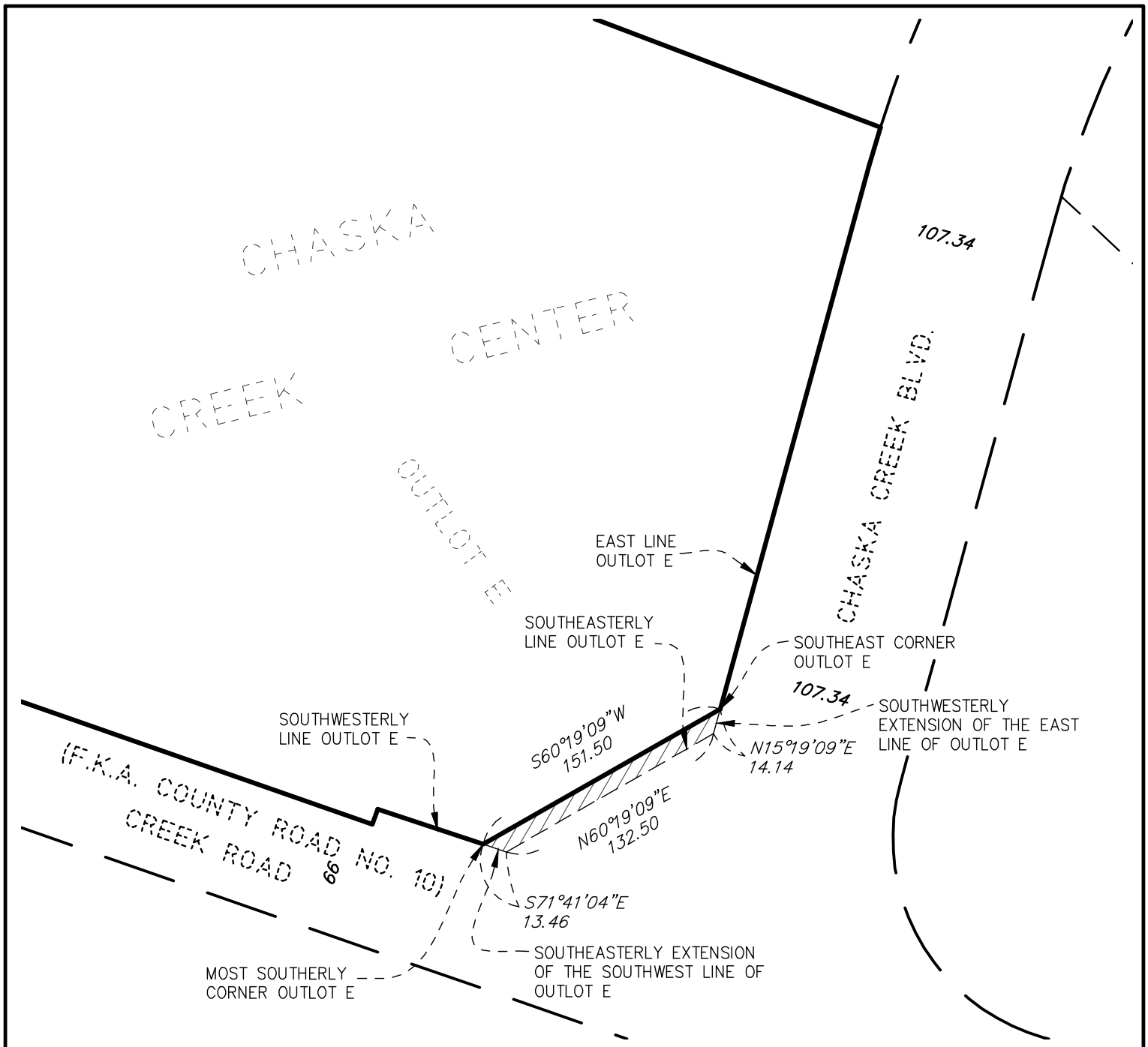
NOW, THEREFORE, BE IT RESOLVED, the City Council of the City of Chaska, Minnesota, hereby approves the Right of Way Vacation of a 0.033 acre portion of Creek Road and Chaska Creek Boulevard, subject to the following conditions:

1. Approvals shall be based on the following graphic exhibits:
    a. Legal description of the portion of Creek Road and Chaska Creek Boulevard to be vacated
    b. Chaska Creek Center Right of Way Vacation Exhibit, prepared by Sambatek, dated February 24, 2021
2. ROW Vacation area to be included in Lot 1, Block 2's area and to be revised on the Final Plat of Chaska Creek Center 3rd Addition prior to recording.

Passed and adopted by the City Council of the City of Chaska, Minnesota, this 15th day of March, 2021.

_____
Mark Windschitl, Mayor

Attest:_____
Chaska Deputy Clerk



ROAD VACATION DESCRIPTION

That part of Chaska Creek Boulevard as dedicated in the recorded plat of, CHASKA CREEK CENTER, Carver County, Minnesota, described as follows:

Beginning at the most southerly corner of Outlot E, said CHASKA CREEK CENTER; thence South 71 degrees 41 minutes 04 seconds East, assumed bearing along the southeasterly extension of the southwesterly line of said Outlot E, a distance of 13.46 feet; thence North 60 degrees 19 minutes 09 seconds East, a distance of 132.50 feet to the intersection of the southwesterly extension of the east line of said Outlot E; thence North 15 degrees 19 minutes 09 seconds East along said extension, a distance of 14.14 feet to the southeast corner of said Outlot E; thence South 60 degrees 19 minutes 09 seconds West along the southeast line of said Outlot E to the point of beginning and there terminating.

Containing 1,420 square feet or 0.033 acres.

NORTH

0 80

SCALE IN FEET

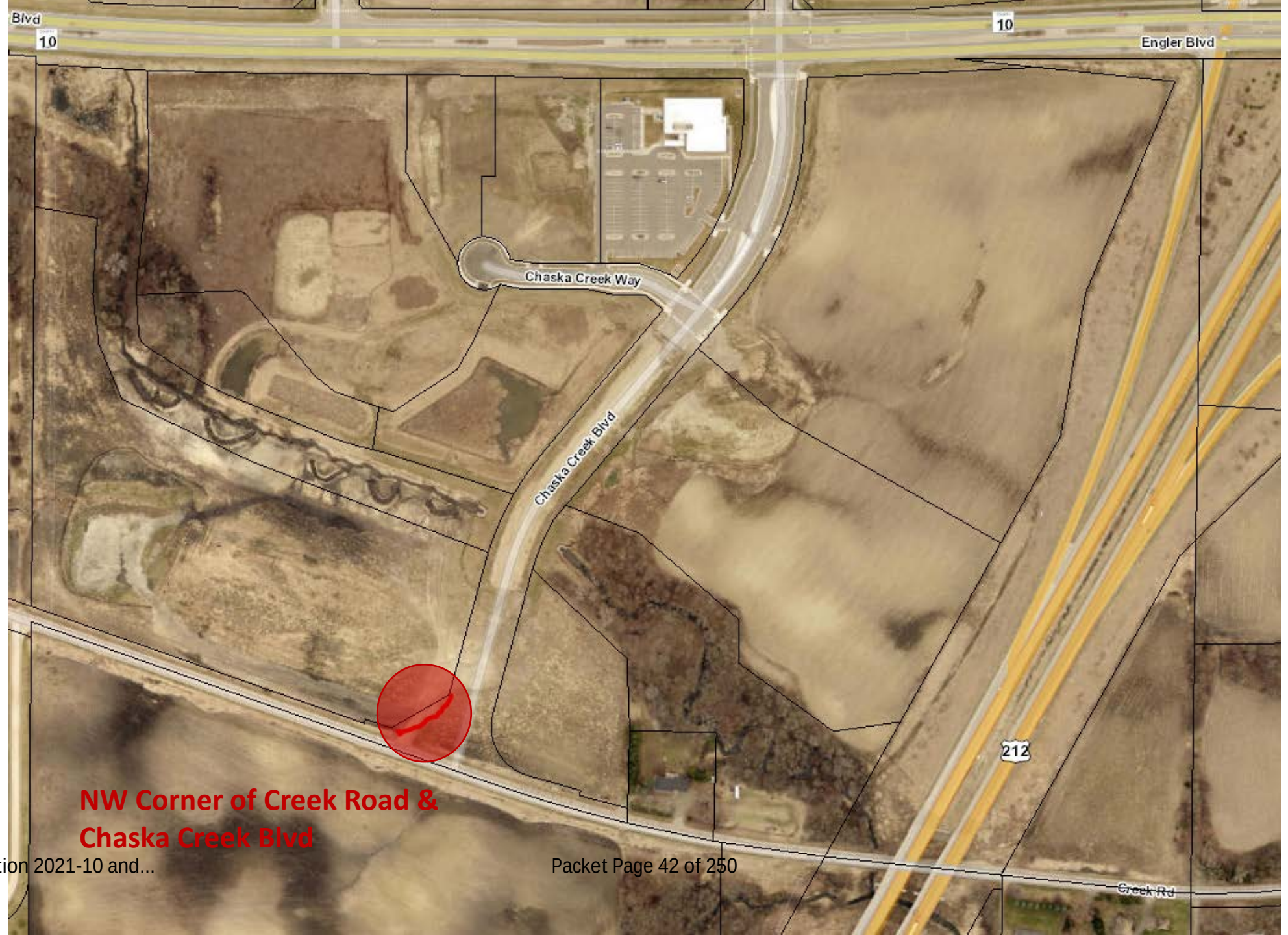
Feb 24, 2021 - 12:56pm - User:LCAPISTRANT L:\PROJECTS\20637.12\CAD\Survey\Exhibits\20637.11-ROW-VAC.dwg

Sambatek
www.sambatek.com
Engineering | Surveying | Planning | Environmental

CHASKA CREEK CENTER
CHASKA, MN
RIGHT OF WAY VACATION EXHIBIT

Designed:	
Drawn:	LC
Approved:	MRS
Issued:	02/24/2021
Rev.:	
Date:	

Exhibit Number
1/1
Project No. 20637.12


Blvd
10
10
Engler Blvd
Chaska Creek Way
Chaska Creek Blvd
212
Creek Rd
NW Corner of Creek Road &
Chaska Creek Blvd

REQUEST FOR ACTION
CHASKA CITY COUNCIL
03/15/2021

Subject: **Corporate and High Bay Industrial - Chaska Creek Business Park – Final Site & Building Plan and Final Plat (Chaska Creek Center 3rd Addition)**

Applicants: Oppidan

Location: Southwest corner of TH 212 and County Road 10 (Engler Boulevard), west of Chaska Creek Boulevard

Case No.: 2021-02

Synopsis: Applicant seeks to obtain approval of a Final Site & Building Plan and Final Plat for two industrial buildings in the Chaska Creek Business Park

Prepared By: Elizabeth Hanson

Staff Recommendation: Motion to adopt Resolution

BACKGROUND

The concept plan for the Chaska Creek Business Center (~87-acre site) was approved in October of 2013. At this time the concept plan was defined by 5 distinct districts: ***Chaska Creek Retail District, Chaska Creek Professional Office District (Low Rise), Chaska Creek Professional Office District (Mid Rise), Chaska Creek Corporate Industrial District, and the Chaska Creek High-Bay Industrial District.*** Tonight we are looking at a proposal that is located within the two industrial districts noted; the Chaska Creek Corporate Industrial District and the Chaska Creek High-Bay Industrial District. Please see concept plan exhibit below for clarity.



In February 2017, the preliminary site plans, preliminary plat and rezoning were approved, and in May 2017 the final site plans and plat were approved for the Retail District for a Hy-Vee and for a portion of the Chaska Creek Professional Office District (Low Rise) for a new medical office building. The medical office building has been constructed. The Hy-Vee's site is currently vacant but still owned by the company.

In March 2018, a preliminary plat and concept plan amendment was approved for the professional office (low rise) district to include a medical office building and daycare building just west of the existing medical office building north of Chaska Creek Way. The final plat for Chaska Creek Center 2nd was approved in May 2018, which platted two lots for the future medical office building and daycare building.

In January 2021, the preliminary site and building plan, preliminary plat and rezoning (PMD-20) were approved for Chaska Creek Industrial (Chaska Creek Center 3rd Addition).

CHANGES SINCE PRELIMINARY APPROVALS

Landscaping

In the previous submittal (preliminary), it was determined that the project did not meet landscaping requirements. When a one-story building exceeds 24 feet in height, it is considered a two-story building and as such doubles the landscaping requirement. The applicant took a rigorous approach in the preliminary submittal to bolster the caliper inches and amount of trees both on the site and off the site to get to the required caliper inch requirement. Unfortunately, it still did not get them to the required amount. After preliminary approvals, staff looked at the landscaping requirements for this site and other industrial sites. It was determined that there was no precedence in similar industrial projects exceeding 24 feet in height that had to double their landscaping requirements much like this project. It has been done on commercial/retail sites, but it appears that the landscaping requirement on these sites could be achieved due to the larger parking lots required, which in turn, requires/provides more planting island space. These retail sites also do not typically require large loading dock space which takes up a lot of prime landscaping real estate. In sum, staff believes treating these industrial buildings as one-story buildings is the most appropriate based on precedence. The applicant is now showing landscape plans that meet the landscape requirements for one-story buildings.

Parking

The applicant was asked to show site plans and parking that meet the manufacturing parking requirement. This is necessary when warehouse portions are used for manufacturing operations, which typically generate more jobs/employees. The applicant is showing proof of parking exhibits for both sites that meet parking for the manufacturing use.

COMPREHENSIVE PLAN

The 2040 Comprehensive Plan guides the subject property being looked at tonight as Business Park and includes the subject property within the Metropolitan Urban Service Area (MUSA) so sanitary sewer is available to the site.

The Business Park designation in the Comprehensive Plan is designed to create employment centers on large sites that provide a greater diversity of jobs, higher development densities and

jobs per acre, higher quality site and architectural design, and increased tax revenues. The Business Park designation also allows for commercial activities.

EXISTING CONDITIONS

The overall Chaska Creek Business Park area is nestled in approximately 87 acres along Chaska Creek; the area being looked at tonight is roughly 22 acres of such area. Located on the western edge of Chaska at a prominent intersection with Highway 212, this unique site presents ideal opportunities to fulfill the vision of the city for a broad range of office and light industrial uses; focused on increased variety and number of jobs per acre as proposed in the Comprehensive Plan.

Existing Use:	Vacant (farmed)
Comp Plan:	Business Park
Zoning:	Open (O)
Size:	~22 acres
Soils:	Primarily loam with clayey loams and some organics near Chaska Creek
Steep Slopes:	Not present in this location (mainly on the southeastern portion of the overall development area)
Vegetation:	Vegetation occurs along the creek on the west edge of the property
Floodplain:	Not applicable
Wetlands:	West edge of site
Shoreland:	75' either side of Chaska Creek
Utilities:	All utilities are available to service property
Road Access:	Chaska Creek Way, Chaska Creek Boulevard, County Road 10 (minor arterial) and Trunk Hwy 212 (regional arterial)
Truck Access:	County Road 10 and Trunk Highway 212
Rail Access:	Not available

Surrounding Area			
Direction	**Existing Use**	**Comp Plan**	**Zoning**
North (across CR 10)	Open space, Residential, and Light Industrial	Open Space/Bus. Park	Open
East (across TH 212)	Farm	Neigh. Mxd. Use	Open
South	Farm, 6 homes - SW & SE	Bus. Park	Open
West	Farm	Rural	RR-2

Natural Topography

Topography of the site varies from a peak elevation of 930 in the northeastern portion of the site to one of the lower elevations near the northwestern portion of the site of 880. Chaska Creek intersects through the middle of the site providing the lowest elevation of 870, as well as wooded steep slopes that align some of its perimeter. There are also several small wetlands that are scattered across the site. Topography of the site is generally rolling and consistent with an agricultural land use. Stormwater runoff generally occurs to the south and east, with about 25% of the site draining towards Highway 212.

CURRENT REQUEST

The request this evening is for Final Site & Building Plan and Final Plat for the construction of two new industrial buildings within the Chaska Creek Business Park. End users have not been

identified for either building, rather these will be spec buildings that will be built and then be marketed to appropriate users.

Projected and Targeted Users
Historically, the Chaska industrial market has consisted of small to medium sized manufacturing and research facilities located in single-use buildings. As the industrial/manufacturing market has matured, the users are seeking more flexible rental spaces as opposed to owner-occupied buildings, allowing seamless expansion of their operation. The proposed facilities are intended to target this type of user. In recent years Chaska companies, such as Lakeview Industrial and Federal Package have elected to expand outside of Chaska in similar, flexible office warehouse space as it has not bee available in the community. The buildings proposed *are not designed to be distribution centers*, which the City has discouraged in the concept plan review for this site. The applicant believes that given Chaska Creek's location and proximity to the Metro area, it is not considered a desirable location for distribution centers. The rezoning done in January also prohibits the use of distribution centers as well.

The applicant has stated that the best comparable project to the one proposed in this request is the Holasek Business Park located in Chanhassen on the Chaska/Chanhassen border off of the intersection of Lyman Boulevard and Galpin Boulevard. This project was composed of two industrial buildings; one was a build-to-suit for a company called Retail Tech, Inc. and the other building was a spec building, that has been recently leased to 100% capacity with the businesses Retail Tech, Inc., LifeCore Biomedical and MedSource. Retail Tech is a point of sale systems for the retail, grocery and hospitality industries. MedSource is a provider of quality medical products, specializing in high-quality products and equipment and innovative medical product development. The applicant believes both the buildings proposed will attract similar users to their project. Other users and similar projects have been provided in the applicant's Additional Items Response document dated December 30, 2020.

Office/Warehouse - Chaska Creek Corporate Industrial District (Lot 1, Block 1)

Use
Lot 1, Block 1 (9.5 acres), which is the northwesterly most lot of Chaska Creek Center, will be office, warehouse and flex/tech type use. The 34 foot high building (38 feet at the entrances) will provide good proportionality to the adjacent uses (Hy-Vee ranged in height from 25-35 feet with their building; the existing Medical Office Building totals at approximately 30 feet high). Loading dock and service areas are oriented towards the creek concealing them from the primary view corridors on site.

Building Location/Design
The proposed Corporate Industrial building is located primarily in the center of Lot 1, Block 1. The building will be 133,000 square feet in size and 34-38 feet in height; clear height inside the building will be 28 feet which is consistent with the Concept Plan's guidance for this site. The main entrances of the building are oriented northerly and easterly towards Engler Boulevard and Chaska Creek Way, with the loading dock area oriented southerly towards the stormwater ponds and creek. Parking is situated on the north and east sides of the building. The shape of the building is bent so that it provides for more interest. The building is programmed to provide 20% office space (26,600 square feet) and 80% warehouse space (106,400 square feet).

The building will be a mix of durable materials including precast concrete panels, architectural metal paneling, and aluminum storefront glass. Clear and visible signing of entrances via the use of architectural metal paneling and added height will provide definition to the building and its corners.

Staff Recommendation/Analysis
The building proposed is a large building in height and footprint. Staff's concern is to ensure the building is designed appropriately so that it does not look like a large box. The building's design incorporates a variety of materials, colors, and protrusions that provide breaks in the massing. Moreover, large windows are being incorporated to let in natural light in on the main facades (north and northeast sides). Clerestory windows are also proposed on the rear elevations (west and south sides) to help break up the massing.

The City of Chaska has certain building design and material requirements for industrial buildings. A portion of it is stated as follows:

"Industrial and warehouse buildings shall use at least two (2) different Class I materials and shall be composed of at least thirty (30) percent Class I material, and at least one (1) Class II materials and be composed of at least thirty (30) percent Class II materials; and not more than forty (40) percent of Class III materials."

Building Materials	
Class I	Glass and Architectural Metal Paneling (34%)
Class II	Aggregate Concrete Panels; two colors (62%)
Class III	Not applicable
CLASS I REQUIRED	30%; two different materials
CLASS II REQUIRED	30%; one material
CLASS I PROVIDED	34%; two different materials
CLASS II PROVIDED	62%; one material

Based on the table above the applicant is meeting the percentage and quantity requirements for building materials on industrial buildings. The architectural diamond-metal paneling is a new application that has not been used on other buildings and will provide a very articulative and unique look on the main entrances.

The design and materials of the building were chosen to complement the existing buildings in the Chaska Creek Business Center development, specifically with the existing Medical Office Building. Warm buff colors and materials were chosen to provide a generally cohesive look and tie in with Chaska colors. Accent colors in the main entrances, and the use of architectural metal paneling (diamond-shaped) will provide difference and allow the building to standout as its own.

Parking/Access/Circulation
410 parking spaces are proposed as a part of Lot 1, Block 1's site plan; 224 stalls will be constructed with the building, 186 stalls are shown as proof of parking. The following chart summarizes the overall parking demand on the site, based on the approximated sizes of the conceptual uses.

Uses	Approx. Size	Code Req.	Est. Parking Req.
Office	26,600 sf	1ps/250sf	106 parking spaces
Warehouse	106,400 sf	1ps/2,000sf (1ps/350sf if used for manufacturing)	53 parking spaces (304 parking spaces for manufacturing)
		REQUIRED	**159 parking spaces (410 parking spaces for manufacturing use)**
		PROVIDED	**410 parking spaces (224 initial construction; 186 proof of parking)**

According to this table the applicant is meeting the required amount of parking spaces needed for the uses proposed in the building. The applicant is also showing a proof of parking exhibit that meets 1 parking stall per 350 square feet of manufacturing. This was requested during the preliminary application so that the site can sustain a manufacturing use if the warehouse portion is changed to such use.

A collector road, Chaska Creek Boulevard, currently exists off of Engler Boulevard (Co. Rd 10) to provide vehicular access to the northern half of the business park. Chaska Creek Way extends to the west of Chaska Creek Boulevard and terminates into a cul de sac to provide access to the existing medical office building, Chaska Creek 2nd, and the proposed Corporate Industrial building. The Corporate Industrial building's site provides a singular access off the cul de sac. No other accesses are shown for this site. Parking is shown on the north and east sides of the building. Loading dock access is shown on the south side.

A semi-truck turning exhibit was provided in the submittal, which showed the movement through the site and out of it. According to this exhibit there is enough room for semi-trucks to maneuver in and out of the site.

Previous traffic studies have verified traffic operations are acceptable for Chaska Creek Way and Chaska Creek Boulevard to accommodate the proposed development.

Landscaping & Screening
Landscaping will have to meet the City's ordinance in terms of quantity and size. The table below indicates the landscaping requirements for this site and how the applicant meets or does not meet them:

LOT 1, BLOCK 1 LANDSCAPING		
	Required	**Proposed**
Overstory Trees	418 caliper inches (153 trees)	446 caliper inches (153 trees)
Understory Trees	38	77
Shrubs	443	385

According to the table above the applicant is sufficient in meeting the ordinance on this lot, and provided significant provisions with the understory trees. The applicant is deficient in the shrubs category, however, but with the added understory provision staff believes this is a fair trade-off.

Planting islands will also be incorporated in the parking lots; they appear to make up 37% of the total parking area, which exceeds the City's code requirement of 10%.

Screening

It was noted during the concept plan that a strong buffered edge needs to occur between the loading dock area and the open space/creek area. The landscape plan shows a layer of trees on the south edge of Lot 1, Block 1 at the edge of the loading dock area. These are primarily deciduous trees and coniferous trees, which provides a good mix of screening and shade to this large impervious area. Trees are also layered around the natural pedestrian walkway and picnic areas adjacent to the ponding. In sum, there is a good mix/balance of landscaping done on this site.

Pedestrian Gathering Places

One of the main concepts during the concept plan approval of this development was the incorporation of pedestrian gathering places for employees to benefit from, and also connecting people to the natural amenities of the site. Pedestrian amenities include outdoor picnic areas that are nestled into the landscaping of the site; one on the south side of the site, and one on the southwest side of the site off the mowed pathway proposed along the stormwater ponds and creek. Several benches, or 'Repose' areas, are proposed along these same mowed pathways, offering people to sit and enjoy a more natural area overlooking the creek. The mowed pathway will provide access from the south side of Lot 1, Block 1's site and on the east side to connect into the paved pedestrian trail on Chaska Creek Boulevard. This will provide employees a natural escape if they wish to use it. The applicant has stated that they will be mowed on the same schedule as the turf grass on site, and in winter, the maintenance will be depending on the intended use. Since the trails double as maintenance access routes for the basins and as such will have turf reinforcement, snow clearing equipment will not have issues accessing the trails; and

Lighting

The applicant has provided a photometric exhibit as well as specs of the fixtures proposed. Any lighting proposed for this plan should be fully screened and face downward. LED lighting will be used in the light poles and wall mounts. The project site will be illuminated by 25 feet high site lights in the parking lots and on the southern edge of the loading docks. Wall mounts are proposed all around the building at 20 feet in height on the lighting plan. It should be

noted that wall mounts are limited to 18 feet in height on buildings. The building elevations were revised to include this change, however it will need to be done on the lighting plans too. Lighting levels will be lessened and near zero at property lines with the use of downcast fixtures.

Signs
The applicant has provided a site plan showing the incorporation of monument signs on this site; two shown on the north side of the site with visibility from Engler Boulevard. The applicant will be required to meet all of Section 10 of the zoning ordinance for signs; specifically Section 10.8 as it relates to Industrial Sign Regulations; and they will be required to meet a 10 foot setback from property lines/ROW. Sign permits will need to be obtained prior to the installation of any sign.

For tenants sharing the same façade, the same or a similar method of signing must be used for all parties desiring to place a sign on the façade.

Office/Warehouse – Chaska Creek High Bay Industrial District (Lot 1, Block 2)
The building on Lot 1, Block 2 (12.6 acres) will be another office/warehouse building like the northerly site. Same with the northerly site, the 34 foot high building (38 feet at the entrances) will provide good proportionality to the adjacent uses. The interior clear height will be between 28' to 32', which is consistent with the Concept Plan's guidance for this site. The main entrances of the building are oriented southerly towards Creek Road. The loading dock area is oriented on the north side facing the creek.

Use
The use is consistent with the Comprehensive Plan, SW Chaska Plan and previously approved Concept Plan.

Building Location/Design
The high-bay industrial site is at the southwest corner of the overall development abutting Creek Road. The building proposed is 168,000 square feet in size, rectangular in shape, and will be designed to provide a high level of flexibility for future tenants that require high level office environments adjacent to high-bay warehousing, manufacturing and value-added production, which the applicant believes is in short supply in the southwest region. The anticipated tenants in the market would not require a high volume of truck traffic as the building is not providing high density loading facilities. The applicant has stated that this will not be a distribution center or set up for this type of use.

Like the northerly building, the high-bay industrial building will be a mix of durable materials including precast concrete panels, architectural metal paneling, and aluminum storefront glass. Clear and visible signing of entrances via the use of architectural metal paneling and added height will provide definition to the building and its corners. The colors will differ slightly with this building compared to the northerly one, but still provide cohesiveness with the overall development.

Staff Recommendation/Analysis
The building proposed is a large building in height and footprint. Staff's concern is to ensure the building is designed appropriately so that it does not look like a large box. The building's

design incorporates a variety of materials, colors, and protrusions that provide breaks in the massing. Moreover, large windows are being incorporated to let in natural light in on the main facades (south, east and west sides). Clerestory windows are also proposed on the rear elevation (north side) to help break up the massing.

The City of Chaska has certain building design and material requirements for industrial buildings. A portion of it is stated as follows:

"Industrial and warehouse buildings shall use at least two (2) different Class I materials and shall be composed of at least thirty (30) percent Class I material, and at least one (1) Class II materials and be composed of at least thirty (30) percent Class II materials; and not more than forty (40) percent of Class III materials."

Building Materials	
Class I	Glass and Architectural Metal Paneling (30%)
Class II	Aggregate Concrete Panels; two colors (67%)
Class III	Not applicable
CLASS I REQUIRED	30%; two different materials
CLASS II REQUIRED	30%; one material
CLASS I PROVIDED	30%; two different materials
CLASS II PROVIDED	67%; one material

Based on the table above the applicant is meeting the percentage and quantity requirements for building materials on industrial buildings. The architectural metal paneling is a new application that has not been used on other buildings and will provide a very articulative and unique look on the main entrances.

The design and materials of the building were chosen to complement the existing buildings in the Chaska Creek Business Center development. Warm buff colors and materials were chosen to provide a generally cohesive look and tie into Chaska. Accent colors in the main entrances, and the use of architectural metal paneling (diamond-shaped) will provide difference and allow the building to standout as its own.

Parking/Access/Circulation

524 parking spaces are proposed as a part of Lot 1, Block 2's site plan; 203 stalls will be constructed with the building, 321 stalls are shown as proof of parking. The following chart summarizes the overall parking demand on the site, based on the approximated sizes of the conceptual uses.

Uses	Approx. Size	Code Req.	Est. Parking Req.
Office	33,600 sf	1ps/250sf	134 parking spaces
Warehouse	134,400 sf	1ps/2,000sf (1ps/350sf if	68 parking spaces (384

		used for manufacturing)	parking spaces for manufacturing)
		REQUIRED	**202 parking spaces (518 parking spaces for manufacturing use)**
		PROVIDED	**524 parking spaces (203 initial construction; 321 proof of parking)**

According to this table the applicant is meeting the required amount of parking spaces needed for the uses proposed in the building. It should be noted the City parking code requires site plans to still show 1 parking space per 350 square feet for the warehouse use in the event that the use changes to manufacturing in the future. The applicant is showing a proof of parking exhibit that meets 1 parking stall per 350 square feet of warehouse. This was requested during the preliminary application so that the site can sustain a manufacturing use if the warehouse portion is changed to such use.

Lot 1, Block 2 is showing two accesses into the site; one on the east side of the site to connect into the collector road, Chaska Creek Boulevard, and one on the south side of the site to connect into Creek Road. Truck traffic will primarily come in and out of the easterly access point as noted in the truck turning exhibit provided. Parking is mainly oriented on the south side but will also wrap around the building on the east and west sides. Circulation is achieved on all sides of the building. A drive aisle on the southeast portion of the site is shown to abut the southeasterly property line. Property lines abutting Right-of-Way (ROW) requires a 10 foot setback for parking and drive aisles. This area is requesting a 10 foot vacation from the public ROW that abuts the round-about to achieve the 10 foot setback requirement. The vacation will be processed at the City Council. If it is not approved then the site plan will need to be revised to show compliance with this setback.

A semi-truck turning exhibit was provided in the submittal, which showed the movement through the site and out of it. According to this exhibit there is more than enough room for semi-trucks to maneuver in and out.

Previous traffic studies have verified traffic operations are acceptable for Chaska Creek Way and Chaska Creek Boulevard to accommodate the proposed development.

Landscaping & Screening

Landscaping will have to meet the City's ordinance in terms of quantity and size. The table below indicates the landscaping requirements for this site and how the applicant meets or does not meet them:

LOT 1, BLOCK 2 LANDSCAPING		
	Required	**Proposed**
Overstory Trees	527 caliper inches (193	555 caliper inches (194

	trees)	trees)
Understory Trees	48	18
Shrubs	560	697

According to the table above the applicant is insufficient in meeting the ordinance in the understory requirement. However, the applicant has provided a surplus on Lot 1, Block 1's area in the pedestrian pathways, which to staff is an acceptable area being used by both lots. In addition, the applicant is providing a surplus in the shrubs category. The landscape plan also shows a healthy mix and balance of trees around the site.

Planting islands will also be incorporated in the parking lots; they appear to make up 32% of the total parking area, which exceeds the City's code requirement of 10%.

Screening

As noted in Lot 1, Block 1 the loading dock area is the pivotal area for screening. The same can be said for Lot 1, Block 2 on the north side of the site to screen the loading dock from the creek, pedestrian area just north of that, and from public ROW. The screening achieved on the north side of the site provides a lot of variation and coniferous plantings. The layer of landscaping appears sufficient and will grow in nicely as it ages. The plantings in the landscape island on the east side of the building next to the loading dock area provide an additional layer of 8 foot Black Hill Spruces, which will provide a more mature edge to that area.

Screening is also being provided on the southwest corner of the site via trees and along the south edge of the parking lot via shrubs to mitigate glare coming from the site to adjacent sites. There is a low-hanging overhead powerline on that south edge that limits the size and amount of trees along that stretch. In addition, the grading plan indicates that the parking lot will sit a couple feet lower than Creek Road near the Southwest portion of the site, which provides a topographical screen from adjacent properties.

Pedestrian Gathering Places

Pedestrian amenities include a couple picnic areas; one proposed on the north side to provide views of the creek area, and one proposed on the west side nestled into the landscaping. In addition to that, a mowed trail will extend off the northerly picnic area to provide access to a seating area that views the ponds and creek area.

Lighting

Like Lot 1, Block 1, the applicant has provided a photometric exhibit as well as specs of the fixtures proposed. Any lighting proposed for this plan should be fully screened and face downward, which is what is proposed. LED lighting will be used in the light poles and wall mounts. The project site will be illuminated by 25 feet high site lights in the parking lots and on the northern edge of the loading docks. Wall mounts are proposed all around the building at 20 feet in height. It should be noted that wall mounts are limited to 18 feet in height on buildings. This was corrected on the building elevation drawings, but will also need to be corrected on the lighting plan. Lighting levels will be lessened to zero as you approach public ROW.

Signs
The applicant has provided a site plan showing the incorporation of monument signs on this site; one shown at each access point. The applicant will be required to meet all of Section 10 of the zoning ordinance for signs; specifically Section 10.8 as it relates to Industrial Sign Regulations; and they will be required to meet a 10 foot setback from property lines/ROW. Sign permits will need to be obtained prior to the installation of any sign.

For tenants sharing the same façade, the same or a similar method of signing must be used for all parties desiring to place a sign on the façade.

Overall Project Site
Landscaping
Boulevard trees are being proposed in the area between the curbs and sidewalks along public ROW for the southern extent of Chaska Creek Boulevard and the full extent of Creek Road up to the westerly edge of the project area.

Traffic
The site has one principal access spine (Chaska Creek Boulevard) as it moves from Engler Boulevard (CR 10) south to Creek Road. The uses, proposed and future, are oriented to utilize this access. The proposal tonight would trigger the remaining construction of Chaska Creek Boulevard south of the Creek crossing to connect into Creek Road as was previously share and approved by City Council.

A roundabout is proposed at the southern end of Chaska Creek Boulevard as it connects into Creek Road. This roundabout will also be constructed as a part of this project. Utility improvements for the remaining stretch of Chaska Creek Boulevard will also occur.

Previous traffic studies have verified traffic operations are acceptable for Chaska Creek Way and Chaska Creek Boulevard to accommodate the proposed development.

Setbacks
Buildings and parking shall meet the following setbacks:

BUILDING SETBACKS	
Direction	**Setback**
Highway 212	225 feet from centerline or 50 feet from ROW, whichever greater
Engler Boulevard	125 feet from centerline
Chaska Creek Blvd	100 feet from centerline
Creek Road	100 feet from centerline
Interior Property Lines	10 feet
Wooded Steep Slope	50 feet from edge; 30 feet no grade/no mow
Wetlands	75 feet
Chaska Creek	75 feet from edge

PARKING SETBACKS	
Direction	**Setback**
Interior Property Lines	5 feet
Property Lines Abutting ROW	10 feet

Utilities
Utilities are available to service the project. A segment of trunk gravity sanitary sewer is necessary through Lot 1, Block 2. The final plat will require utility easements for City access and maintenance. The project's storm water design will need to meet the City's, Carver County Water Management's, and appropriate State and Federal requirements.

The subject property *is not* located within the service territory of Chaska Electric, but of Minnesota Valley Electric Cooperative (MVEC).

Wooded Steep Slope
The applicants have indicated on their plans the presence of wooded steep slopes along the Chaska Creek ravine mainly south of the two office buildings east of Chaska Creek Boulevard. Although these areas are not in the vicinity of the proposed project area, it should be noted that a 50 foot building and 30 foot no grade/mow setback apply to the edges of these slopes. With that in mind, it may require tweeks on future building and stormwater pond locations to ensure those setbacks are adhered to. More information/guidance will be provided on this when those sites initiate development.

Pedestrian Sidewalks/Connections/Trails
The sites are proposing a network of trails and public & private sidewalks. The plan proposes a sidewalk on the north side of Creek Road to the westerly extent of the project site. The plan is also showing the extension of the regional trail along Chaska Creek Boulevard to Creek Road on the west side. The plan also includes a series of natural trails along the pond areas which connect the open spaces to the sidewalk system. These looped trails will provide a much needed walking environment for the future employees.

Development Costs (Infrastructure Improvements)
The area-wide development costs would include but not be limited to:

- Arterial Road Network
- Collector Roads
- Storm Sewer
- Parks
- Interchange (Zone of Influence)

Prior to final plat recording, the developer will need to work with Staff to determine which of these are applicable and what those fees will be. It should be noted that no parks are proposed as a part of this development, and therefore, park fees will be collected as opposed to land dedication.

Final Plat
The request this evening involves final plat of the site (Chaska Creek Center 3rd Addition). Two lots are proposed; one 9.5 -acre lot for the corporate industrial building, and one 12.6-acre lot for the high-bay industrial building.

Disposition of Outlots

- Outlot A: stormwater ponding to be owned by the developer

Deadline for Agency Actions
The City of Chaska received the complete application for this request on Tuesday, February 2, 2021. Pursuant to Minnesota State Statutes the City must act on this request by **Saturday, April 3, 2021** (60 days), unless the City provides the petitioner with written reasons for an additional 60-day review period. The additional review period would extend to *Wednesday, June 2, 2021*. The City may with the petitioners consent extend the review period beyond the Wednesday, June 2, 2021. Lastly, if the City denies the petitioners request "… it must state in writing the reasons for the denial at the time it denies the request."

PLANNING COMMISSION ACTION TAKEN 03/10/21:
Motion to recommend to City Council approval of the Final Site & Building Plan and Final Plat (Chaska Creek Center 3rd Addition) for two industrial buildings in Chaska Creek Business Center, subject to the following conditions:

1. Approvals shall be based on the following graphic exhibits:
    a. Preliminary Site & Building Plan and Preliminary Plat for Chaska Creek Conditions of Approval Responses (pgs 1-5), submitted by Sambatek, dated February 2, 2021.
    b. Chaska Spec Industrial – Outlot A – Conceptual Floor Plan, submitted by Mohagen Hansen, dated January 6, 2020
    c. Chaska Spec Industrial – Outlot A – Conceptual 3D Images, submitted by Mohagen Hansen, undated
    d. Chaska Spec Industrial – Outlot A – Conceptual Exterior Elevations, submitted by Mohagen Hansen, dated November 23, 2020
    e. Chaska Spec Industrial – Outlot A – Exterior Materials, submitted by Mohagen Hansen, dated December 1, 2020
    f. Chaska Spec Industrial – Outlot A – Diamond Metal Panel, submitted by Mohagen Hansen, dated December 1, 2020
    g. Chaska Spec Industrial – Outlot A – Street Line, submitted by Mohagen Hansen, dated November 30, 2020
    h. Chaska Spec Industrial – Outlot E – Conceptual Floor Plan, submitted by Mohagen Hansen, dated January 6, 2020
    i. Chaska Spec Industrial – Outlot E – Conceptual 3D Images, submitted by Mohagen Hansen, dated November 23, 2020
    j. Chaska Spec Industrial – Outlot E – Conceptual Exterior Elevations, submitted by Mohagen Hansen, undated
    k. Chaska Spec Industrial – Outlot E – Exterior Materials, submitted by Mohagen Hansen, dated December 1, 2020
    l. Chaska Spec Industrial – Outlot E – Diamond Metal Panel, submitted by Mohagen Hansen, dated December 1, 2020
    m. Title Sheet (pg C1.01), submitted by Sambatek, dated February 1, 2021
    n. Preliminary Plat (pg C2.01), submitted by Sambatek, dated February 1, 2021
    o. Existing Conditions (pg C2.02), submitted by Sambatek, dated February 1, 2021

p. Tree Inventory Plan (pg C2.03), submitted by Sambatek, dated February 1, 2021
q. Site Plan – Overall (pg C3.01), submitted by Sambatek, dated February 1, 2021
r. Site Plan – Lot 1, Block 1 (pg C3.02), submitted by Sambatek, dated February 1, 2021
s. Site Plan – Lot 1, Block 2 (pg C3.03), submitted by Sambatek, dated February 1, 2021
t. Grading Plan – Overall (pg C4.01), submitted by Sambatek, dated February 1, 2021
u. Grading Plan – Lot 1, Block 1 (pg C4.02), submitted by Sambatek, dated February 1, 2021
v. Grading Plan – Lot 1, Block 2 (pg C4.03), submitted by Sambatek, dated February 1, 2021
w. Erosion Control Plan Phase I (pg C5.01), submitted by Sambatek, dated February 1, 2021
x. Erosion Control Plan Phase II (pg C5.02), submitted by Sambatek, dated February 1, 2021
y. Erosion Control Plans Notes & Details (pg C5.03), submitted by Sambatek, dated February 1, 2021
z. SWPPP Narrative (pg C5.04 and C5.05), submitted by Sambatek, dated February 1, 2021
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hh. Groundcover Plan (pg L1.04), submitted by Sambatek, dated February 1, 2021
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mm. Vehicle Movement Analysis – Lot 1, Block 1 (pg EX 3.01), submitted by Sambatek, dated February 1, 2021
nn. Vehicle Movement Analysis – Lot 1, Block 2 (pg EX 3.02), submitted by Sambatek, dated February 1, 2021
oo. Chaska Creek Center 3rd Addition Final Plat

2. Adherence with the City Engineer's Memo dated March 4, 2021.
3. Fire hydrant locations be reviewed and approved by the Fire Department prior to issuance of a building permit.
4. For businesses sharing the same façade, the same or a similar method of signing must be used for all parties desiring to place a sign on the façade.
5. Provision of all proposed signs to meet Section 10 of the Zoning Ordinance.
6. Mechanical equipment for each building to be fully screened from view and to meet Section 9.11.6 of the zoning ordinance.
7. Prior to final plat recording, developer shall enter into an agreement with the City for the provision of necessary infrastructure and associated development costs.
8. Compliance with applicable zoning requirements, in particular Chapter 9 (General Requirements).
9. Provision that all wall mount lighting be mounted no higher than 18 feet, and to be revised on the lighting plan for building permit submittal.
10. Provision of Lot 1, Block 2's southeasterly drive aisle to meet the required 10 foot setback from property lines, and to be revised for building permit submittal.

11. Provision of a storm water management plan meeting City, Carver County WMO and any other applicable agency standards.
12. Utility connections to each lot to adhere to City standards and be approved by the City Engineer.
13. Provision of a 60 feet Right of Way width for all local streets.
14. Provision that the intersection of Chaska Creek Way and Chaska Creek Boulevard accommodates truck turning movements.
15. Provision of As-Builts to be submitted to the City prior to issuance of a Final Certificate of Occupancy.

CITY COUNCIL ACTION REQUESTED

Motion to adopt Resolution No. 2021-11 approving the Final Site & Building Plan and Final Plat (Chaska Creek Center 3rd Addition) for two industrial buildings in Chaska Creek Business Center (PC #2021-02).

CITY OF CHASKA
CARVER COUNTY, MINNESOTA

RESOLUTION

DATE 03/15/2021 RESOLUTION NO. 2021-11

MOTION BY COUNCILMEMBER SECOND BY COUNCILMEMBER

Resolution approving the Final Site & Building Plan and Final Plat for Chaska Creek Industrial (Chaska Creek Center 3rd Addition)/Oppidan/PC #2021-02

WHEREAS, the request this evening is for Final Site & Building Plan and Final Plat for the construction of two new industrial buildings within the Chaska Creek Business Park; and

WHEREAS, end users have not been identified for either building, rather these will be spec buildings that will be built and then be marketed to appropriate users; and

WHEREAS, the buildings proposed are not designed to be distribution centers, which the City has discouraged in the concept plan review for this site; and

WHEREAS, small to medium sized manufacturing and research facilities located in single-use buildings, and flexible office warehouse users are the uses these buildings are targeting; and

WHEREAS, Lot 1, Block 1 (9.5 acres), which is the northwesterly most lot of Chaska Creek Center, will be office, warehouse and flex/tech type use; and

WHEREAS, the building will be 133,000 square feet in size and 34-38 feet in height; clear height inside the building will be 28 feet which is consistent with the Concept Plan's guidance for this site; and

WHEREAS, the building is programmed to provide 20% office space (26,600 square feet) and 80% warehouse space (106,400 square feet); and

WHEREAS, 410 parking spaces are proposed as a part of Lot 1, Block 1's site plan; 224 stalls will be constructed with the building, 186 stalls are shown as proof of parking; and

WHEREAS, the landscape plan shows a layer of trees on the south edge of Lot 1, Block 1 at the edge of the loading dock area; and

WHEREAS, these are primarily deciduous trees and coniferous trees, which provides a good mix of screening and shade to this large impervious area; and

WHEREAS, trees are also layered around the natural pedestrian walkway and picnic areas adjacent to the ponding; and

WHEREAS, pedestrian amenities include outdoor picnic areas that are nestled into the landscaping of the site; one on the south side of the site, and one on the southwest side of the site off the mowed pathway proposed along the stormwater ponds and creek; and

WHEREAS, several benches, or 'Repose' areas, are proposed along these same mowed pathways, offering people to sit and enjoy a more natural area overlooking the creek; and

WHEREAS, the mowed pathway will provide access from the south side of Lot 1, Block 1's site and on the east side to connect into the paved pedestrian trail on Chaska Creek Boulevard; and

WHEREAS, the applicant has stated that they will be mowed on the same schedule as the turf grass on site; and

WHEREAS, in winter, the maintenance will be depending on the intended use; and

WHEREAS, since the trails double as maintenance access routes for the basins and as such will have turf reinforcement, snow clearing equipment will not have issues accessing the trails; and

WHEREAS, the building on Lot 1, Block 2 (12.6 acres) will be another office/warehouse building like the northerly site; and

WHEREAS, the building proposed is 168,000 square feet in size, rectangular in shape; and

WHEREAS, same with the northerly site, the 34 foot high building (38 feet at the entrances) will provide good proportionality to the adjacent uses, and the interior clear height will be between 28' to 32', which is consistent with the Concept Plan's guidance for this site; and

WHEREAS, 524 parking spaces are proposed as a part of this proposal (203 proposed, 321 proof of parking); and

WHEREAS, property lines abutting Right-of-Way (ROW) requires a 10 foot setback for parking and drive aisles; and

WHEREAS, this area is requesting a 10 foot vacation from the public ROW that abuts the round-about to achieve the 10 foot setback requirement; and

WHEREAS, the vacation will be processed at the City Council, and if it is not approved then the site plan will need to be revised to show compliance with this setback; and

WHEREAS, screening is necessary on the north side of the site to screen the loading dock from the creek, pedestrian area just north of that, and from public ROW; and

WHEREAS, the plantings in the landscape island on the east side of the building next to the loading dock area provide an additional layer of 8 foot Black Hill Spruces, which will provide a more mature edge to that area; and

WHEREAS, pedestrian amenities include a couple picnic areas; one proposed on the north side to provide views of the creek area, and one proposed on the west side nestled into the landscaping; and

WHEREAS, in addition to that, a mowed trail will extend off the northerly picnic area to provide access to a seating area that views the ponds and creek area; and

WHEREAS, the request this evening involves final plat of the site for two lots; one 9.5 -acre lot for the corporate industrial building, and one 12.6-acre lot for the high-bay industrial building; and

WHEREAS, disposition of Outlots are as follows:

- Outlot A: stormwater ponding to be owned by the developer; and

WHEREAS, on March 10, 2021 the Planning Commission recommended approval to the City Council of the Final Site & Building Plan and Final Plat for Chaska Creek Industrial (Chaska Creek Center 3rd Addition) (PC#2021-02); and

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Chaska, Minnesota, hereby approves Final Site & Building Plan and Final Plat for Chaska Creek Industrial (Chaska Creek Center 3rd Addition) (PC#2021-02), subject to the following conditions:

1. Approvals shall be based on the following graphic exhibits:
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2021

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2. Adherence with the City Engineer's Memo dated March 4, 2021.
3. Fire hydrant locations be reviewed and approved by the Fire Department prior to issuance of a building permit.
4. For businesses sharing the same façade, the same or a similar method of signing must be used for all parties desiring to place a sign on the façade.
5. Provision of all proposed signs to meet Section 10 of the Zoning Ordinance.
6. Mechanical equipment for each building to be fully screened from view and to meet Section 9.11.6 of the zoning ordinance.
7. Prior to final plat recording, developer shall enter into an agreement with the City for the provision of necessary infrastructure and associated development costs.
8. Compliance with applicable zoning requirements, in particular Chapter 9 (General Requirements).
9. Provision that all wall mount lighting be mounted no higher than 18 feet, and to be revised on the lighting plan for building permit submittal.
10. Provision of Lot 1, Block 2's southeasterly drive aisle to meet the required 10 foot setback from property lines, and to be revised for building permit submittal.
11. Provision of a storm water management plan meeting City, Carver County WMO and any other applicable agency standards.
12. Utility connections to each lot to adhere to City standards and be approved by the City Engineer.
13. Provision of a 60 feet Right of Way width for all local streets.
14. Provision that the intersection of Chaska Creek Way and Chaska Creek Boulevard accommodates truck turning movements.
15. Provision of As-Builts to be submitted to the City prior to issuance of a Final Certificate of Occupancy.

Passed and adopted by the City Council of the City of Chaska, Minnesota, this 15th day of March, 2021.

_____
Mark Windschitl, Mayor

Attest:_____
Chaska Deputy Clerk

City of Chaska
Memorandum

To: **Planning Commission**
From: **Matt Clark, City Engineer**
Date: **March 4, 2021**
Subject: **Chaska Creek Industrial – Final Plat**

The Chaska Creek Business Campus concept plan was reviewed by City Council in October of 2010. The proposed site plan intends to formalize the uses of Outlot A and Outlot E of the Chaska Creek Center Development plat to accommodate two new office and warehouse buildings. For the proposed development to occur, the final phase (Phase 2) of street and utility improvements that are planned for Chaska Creek Boulevard as shown on the attached exhibits are necessary. Timing of the public improvement project will be guided by the development and site grading that needs to occur in advance. The City's agreement with the master developer/owner requires council action to execute the final phase of street and utility improvements.

The Engineering comments on the proposed final site plan for Outlot A and Outlot E of Chaska Creek Center are as follows:

1. Utility Improvements
    a. Sanitary Sewer
        i. A segment of trunk gravity sanitary sewer is necessary through outlot E. The final plat will require utility easements for City access and maintenance.
    b. Process
        i. The proposed new building site will require an extension of the public street and utilities. Council action is needed to order the improvements and a development assessment agreement needs to occur prior to approval of the final site plan/plat for this development.
2. Grading/Wetlands
    a. Delineations have been completed with the original Chaska Creek Concept plan. Only one wetland is planned to be impacted over outlot E which will require agency review and approval.
    b. The site plan requires mass grading over both outlots and will require City and watershed agency requirements be met.
3. Traffic
    a. The development access planned for outlot E requires turn lane improvements to Creek Road. As a part of the City development agreement, the owner will be responsible for costs associated with the development portion of turn lane and storm sewer improvements.
    b. Intersection improvements to address turning movements at Chaska Creek Way are being addressed with amendments to the City and master developer/owner agreement. Timing of when these improvements occur will be guided by a building permit being issued for Outlot A or as required for future development.

ONE CITY HALL PLAZA/CHASKA, MN 55318-1962/PH: (952) 448-2851/ FX: (952) 448-9300

February 2, 2021

Elizabeth Hanson, AICP
City Planner
City of Chaska
One City Hall Plaza
Chaska, MN 55318-1962

Re: Chaska Creek Industrial – Preliminary Site & Building Plan and Preliminary Plat for Chaska Creek
Conditions of Approval Responses

Dear Ms. Hanson:

Please see below (in red) for responses to the **conditions of approval for Resolution No. 2021-5, dated 1/25/21.**

1. Approvals shall be based on the following graphic exhibits:
    a. Narrative (pgs 1-7), submitted by Mohagen Hansen, dated December 1, 2020.
    b. Chaska Creek Industrial - Additional Items Needed (pgs 1-12), submitted by Sambatek, dated December 30, 2020
    c. Chaska Spec Industrial – Outlot A – Conceptual Floor Plan, submitted by Mohagen Hansen, dated January 6, 2020
    d. Chaska Spec Industrial – Outlot A – Conceptual 3D Images, submitted by Mohagen Hansen, undated
    e. Chaska Spec Industrial – Outlot A – Conceptual Exterior Elevations, submitted by Mohagen Hansen, dated November 23, 2020
    f. Chaska Spec Industrial – Outlot A – Exterior Materials, submitted by Mohagen Hansen, dated December 1, 2020
    g. Chaska Spec Industrial – Outlot A – Diamond Metal Panel, submitted by Mohagen Hansen, dated December 1, 2020
    h. Chaska Spec Industrial – Outlot A – Street Line, submitted by Mohagen Hansen, dated November 30, 2020
    i. Chaska Spec Industrial – Outlot E – Conceptual Floor Plan, submitted by Mohagen Hansen, dated January 6, 2020
    j. Chaska Spec Industrial – Outlot E – Conceptual 3D Images, submitted by Mohagen Hansen, dated November 23, 2020
    k. Chaska Spec Industrial – Outlot E – Conceptual Exterior Elevations, submitted by Mohagen Hansen, undated
    l. Chaska Spec Industrial – Outlot E – Exterior Materials, submitted by Mohagen Hansen, dated

December 1, 2020

m. Chaska Spec Industrial – Outlot E – Diamond Metal Panel, submitted by Mohagen Hansen, dated December 1, 2020
n. Architectural Renderings (pgs 1-5)
o. Title Sheet (pg C1.01), submitted by Sambatek, dated January 7, 2021
p. Preliminary Plat (pg C2.01), submitted by Sambatek, dated January 7, 2021
q. Existing Conditions (pg C2.02), submitted by Sambatek, dated January 7, 2021
r. Tree Inventory Plan (pg C2.03), submitted by Sambatek, dated January 7, 2021
s. Site Plan – Overall (pg C3.01), submitted by Sambatek, dated January 7, 2021
t. Site Plan – Lot 1, Block 1 (pg C3.02), submitted by Sambatek, dated January 7, 2021
u. Site Plan – Lot 1, Block 2 (pg C3.03), submitted by Sambatek, dated January 7, 2021
v. Grading Plan – Overall (pg C4.01), submitted by Sambatek, dated January 7, 2021
w. Grading Plan – Lot 1, Block 1 (pg C4.02), submitted by Sambatek, dated January 7, 2021
x. Grading Plan – Lot 1, Block 2 (pg C4.03), submitted by Sambatek, dated January 7, 2021
y. Erosion Control Plan Phase I (pg C5.01), submitted by Sambatek, dated January 7, 2021
z. Erosion Control Plan Phase II (pg C5.02), submitted by Sambatek, dated January 7, 2021
aa. Erosion Control Plans Notes & Details (pg C5.03), submitted by Sambatek, dated January 7, 2021
bb. Utility Plan – Overall (pg C6.01), submitted by Sambatek, dated January 7, 2021 cc.
cc. Utility Plan – Lot 1, Block 1 (pg C6.02), submitted by Sambatek, dated January 7,2021
dd. Utility Plan – Lot 1, Block 2 (pg C6.03), submitted by Sambatek, dated January7, 2021
ee. Landscape Plan – Overall (pg L1.01), submitted by Sambatek, dated January 72021
ff. Landscape Plan – Lot 1, Block 1 (pg L1.02), submitted by Sambatek, dated January 7, 2021
gg. Landscape Plan – Lot 1, Block 2 (pg L1.03), submitted by Sambatek, dated January 7, 2021
hh. Groundcover Plan (pg L1.04), submitted by Sambatek, dated January 7, 2021
ii. Landscape Details & Notes (pg L1.05), submitted by Sambatek, dated January 7, 2021
jj. Photometric – Lot 1, Block 1, submitted by Pulse, dated December 1, 2020
kk. Photometric – Lot 1, Block 2, submitted by Pulse, dated December 1, 2020
ll. Aerial Site Exhibit (pg EX 1.01), submitted by Sambatek, dated January 7, 2021
mm. Overlay Plan – Lot 1, Block 1 (pg EX 2.01), submitted by Sambatek, dated January 7, 2021
nn. Overlay Plan – Lot 1, Block 2 (pg EX 2.02), submitted by Sambatek, dated January 7, 2021
oo. Vehicle Movement Analysis – Lot 1, Block 1 (pg EX 3.01), submitted by Sambatek, dated January 7, 2021
pp. Vehicle Movement Analysis – Lot 1, Block 2 (pg EX 3.02), submitted by Sambatek, dated January 7, 2021

12800 Whitewater Drive, Suite 300, Minnetonka, MN 55343 | 763.476.6010
2436 E Randol Mill Road, Arlington, TX 76011 | 972.809.0898
sambatek.com

Response: Acknowledged, with the exception of the Landscape Plans. As of the date of this letter the applicant is working with the City to come to an agreement on the appropriate number of trees to be planted on the sites.

2. Adherence with the City Engineer's Memo dated January 13, 2021.
   Response: Acknowledged. See responses at the end of this document.
3. Fire hydrant locations be reviewed and approved by the Fire Department prior to issuance of a building permit.
   Response: Acknowledged
4. For businesses sharing the same façade, the same or a similar method of signing must be used for all parties desiring to place a sign on the façade.
   Response: Acknowledged
5. Provision of all proposed signs to meet Section 10 of the Zoning Ordinance.
   Response: Acknowledged
6. Mechanical equipment for each building to be fully screened from view and to meet Section 9.11.6 of the zoning ordinance.
   Response: Acknowledged
7. Prior to final plat approval, developer shall enter into an agreement with the City for the provision of necessary infrastructure and associated development costs.
   Response: Acknowledged
8. Compliance with applicable zoning requirements, in particular Chapter 9 (General Requirements).
   Response: Acknowledged
9. Provision that all wall mount lighting be mounted no higher than 18 feet, and to be revised on the final plan.
   Response: Acknowledged. Revised building elevations included with this submittal reflect the updated mounting height.
10. Provision of a parking plan to show 1 parking stall per 350 square feet of warehouse space on each site, and to be submitted at final submittal.
    Response: Acknowledged, Sheet C3.04 Site Plan – Proof of Parking has been added to the plan set demonstrating the required warehouse parking stalls.
11. Provision of prominently coniferous shrubs on the south edge of Lot 1, Block 2, and to be addressed in the landscape plan at final submittal.
    Response: The applicant continues to work with City staff to agree on an appropriate level of landscaping for the proposed site. Final Landscape Plans will be submitted following discussions with staff.

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12. Provision that additional trees are filled in the highlighted areas noted above, and additional shrubs to meet the landscape requirements, and to be addressed at final submittal.
    Response: The applicant continues to work with City staff to agree on an appropriate level of landscaping for the proposed site. Final Landscape Plans will be submitted following discussions with staff.
13. Provision of Lot 1, Block 2's southeasterly drive aisle to meet the required 10 foot setback from property lines, and to be revised on the final submittal.
    Response: Sheet C3.03, Site Plan – Lot 1, Block 2 shows a separation of 10 feet from the proposed temporary lift station improvements and the back of curb of the southeasterly drive aisle.
14. Provision of a maintenance summary of the proposed pedestrian pathways along the stormwater ponds to be addressed at final submittal.
    Response: The applicant continues to work with City staff on landscaping and amenities. A final maintenance summary can be provided at a later date.
15. Provision of a storm water management plan meeting City, Carver County WMO and any other applicable agency standards.
    Response: A revised stormwater management plan and comment response letter has been included with the final submittal document.
16. Utility connections to each lot to adhere to City standards and be approved by the City Engineer.
    Response: Acknowledged
17. Adherence to the City's Boulevard Tree Policy and local street section design, with the inclusion of boulevard trees on the full extent of the south side of Chaska Creek Way up to the full extent of Lot 1, Block 1, to be addressed at final submittal.
    Response: The applicant continues to work with City staff to agree on an appropriate level of landscaping for the proposed site. Final Landscape Plans will be submitted following discussions with staff.
18. Provision of a 60 feet Right of Way width for all local streets.
    Response: Acknowledged
19. Provision that the intersection of Chaska Creek Way and Chaska Creek Boulevard accommodates truck turning movements.
    Response: Acknowledged
20. Provision that the final site plan and construction drawings will need to include the street improvements to Creek Road that ensure through traffic is not impacted.
    Response: It is the applicant's understanding that the City's consultant is evaluating traffic impacts at the Creek Road access location.

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Please see below (in red) for responses to the **engineering comment letter, dated, January 13, 2021.**

1. Utility Improvements
    a. Sanitary Sewer
        i. A segment of trunk gravity sanitary sewer is necessary through outlot E. The final plat will require utility easements for City access and maintenance.

    Response: The submitted final plat includes the required easement.

    b. Process
        i. The proposed new building site will require an extension of the public street and utilities. Council action is needed to order the improvements and a development assessment agreement needs to occur prior to approval of the final site plan/plat for this development.

    Response: Acknowledged.
2. Grading/Wetlands
    a. delineations have been completed with the original Chaska Creek Concept plan. Only one wetland is planned to be impacted over outlot E which will require agency review and approval.

    Response: Acknowledged. Outlot E wetland impact application has been submitted.

    b. The site plan requires mass grading over both outlots and will require City and watershed agency requirements be met.

    Response: Acknowledged.
3. Traffic
    a. Previous traffic studies have verified traffic operations are acceptable for Chaska Creek Way and Chaska Creek Boulevard to accommodate the proposed development.

    Response: Acknowledged.

    b. As was noted in the Concept plan, access to the industrial building from Creek road should either align with the Wetzel Lane or be shifted closer to the roundabout to accommodate a future combined access for future development of the property to the south of Creek Road.

    Response: The Creek Road access to Block 2 (Outlot E) high bay storage building has been shifted to the center of the site as requested.

    c. The site plan proposes a new access onto Creek Road. The final site plan and construction drawings will need to include the street improvements to Creek Road that ensure through traffic is not impacted.

    Response: It is the applicant's understanding that the City's consultant is evaluating traffic impacts at the Creek Road access location.

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Preliminary Site Development Plans

for

Chaska Creek Industrial

Chaska, Minnesota

Presented by:

Oppidan

CONSULTANT CONTACT LIST:

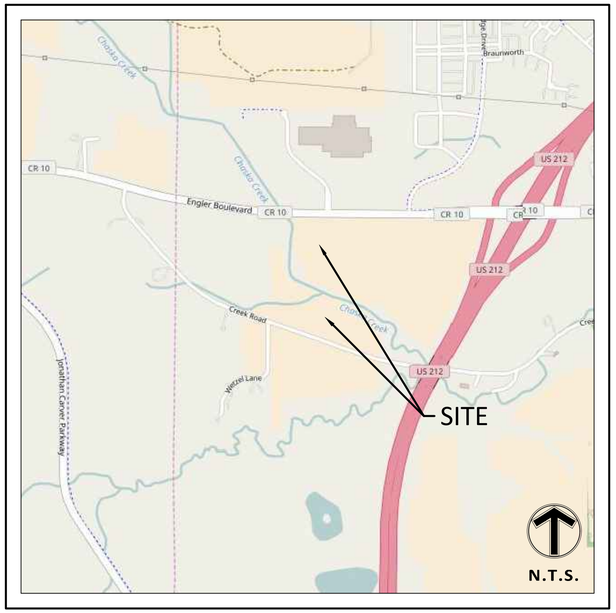
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LANDSCAPE ARCHITECT
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CONTACT: JOSH McKINNEY



VICINITY MAP
NO SCALE

SHEET INDEX

SHEET	DESCRIPTION
C1.01	TITLE SHEET
C2.01	PRELIMINARY PLAT
C2.02	EXISTING CONDITIONS
C2.03	TREE INVENTORY PLAN
C3.01	SITE PLAN - OVERALL
C3.02	SITE PLAN - LOT 1, BLOCK 1
C3.03	SITE PLAN - LOT 1, BLOCK 2
C3.04	SITE PLAN - PROOF OF PARKING
C4.01	GRADING PLAN - OVERALL
C4.02	GRADING PLAN - LOT 1, BLOCK 1
C4.03	GRADING PLAN - LOT 1, BLOCK 2
C5.01	EROSION CONTROL PLAN PHASE I
C5.02	EROSION CONTROL PLAN PHASE II
C5.03	EROSION CONTROL PLANS NOTES & DETAILS
C5.04	SWPPP NARRATIVE
C5.05	SWPPP NARRATIVE
C6.01	UTILITY PLAN - OVERALL
C6.02	UTILITY PLAN - LOT 1, BLOCK 1
C6.03	UTILITY PLAN - LOT 1, BLOCK 2
C9.01	DETAILS
C9.02	DETAILS
C9.03	DETAILS
C9.04	DETAILS
LT1.01	PHOTOMETRIC PLAN - LOT 1, BLOCK 1
LT1.02	PHOTOMETRIC PLAN - LOT 1, BLOCK 2
EX 1.01	AERIAL SITE EXHIBIT
EX 3.01	VEHICLE MOVEMENT ANALYSIS - LOT 1, BLOCK 1
EX 3.02	VEHICLE MOVEMENT ANALYSIS - LOT 1, BLOCK 2

GOVERNING SPECIFICATIONS

CITY OF CHASKA SPECIFICATIONS (2019)
CITY ENGINEER'S ASSOCIATION OF MINNESOTA STANDARD SPECIFICATIONS (2013)
MNDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION (2018 EDITION)

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Engineering | Surveying | Planning | Environmental

Client
OPPIDAN

400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed professional ENGINEER under the laws of the state of Minnesota.

PRELIMINARY

Brady D. Busselman
Registration No. 49579 Date: 12/01/2020

If applicable, contact us for a wet signed copy of this plan which is available upon request at Sambatek's, Minnetonka, MN office.

Summary

Designed: AKF Drawn: JGP
Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

Revision History

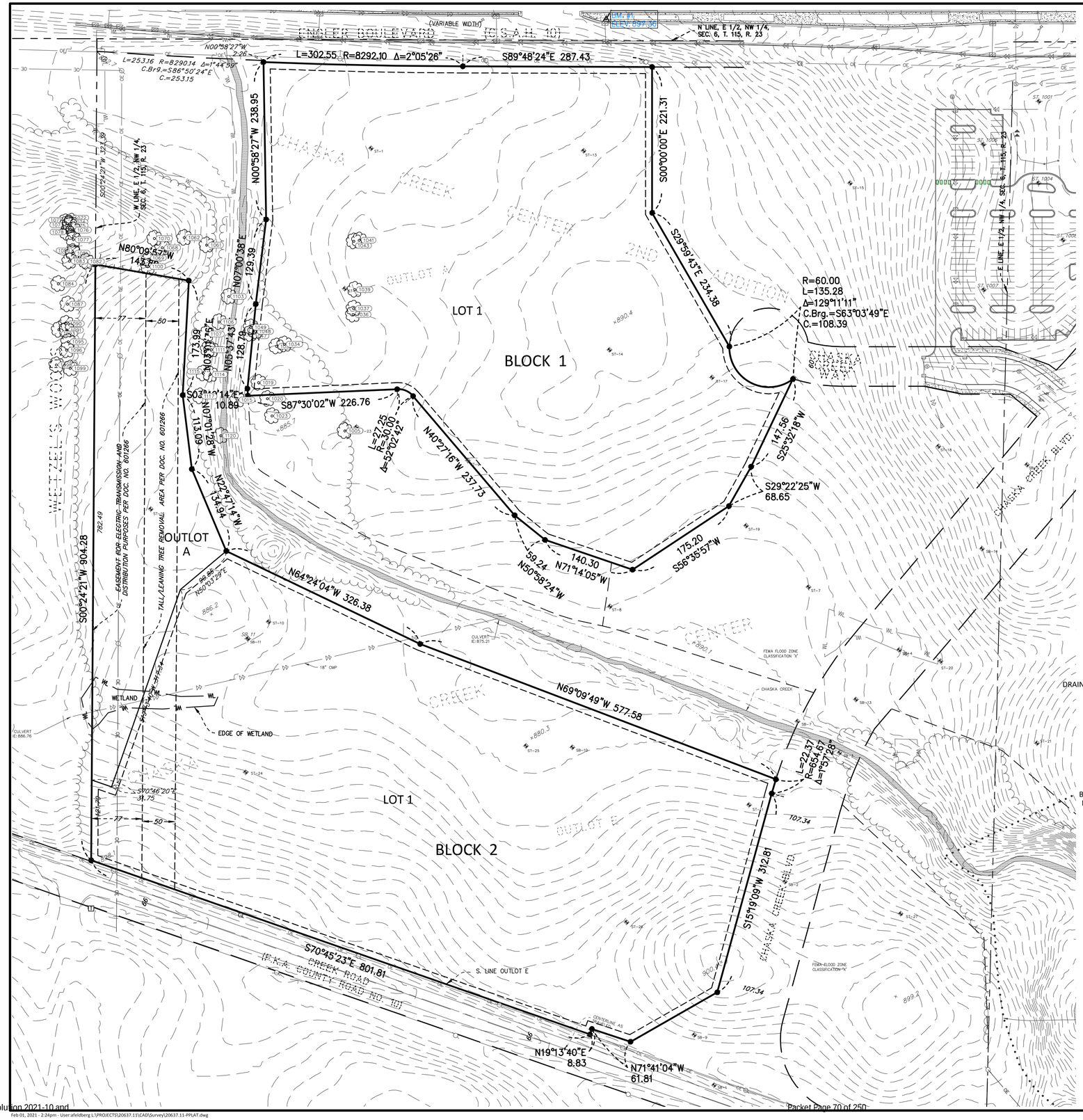
No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
TITLE SHEET

Sheet No. Revision
C1.01

Project No. 20637.11

Feb 01, 2021 - 2:23pm - User:afeldberg L:\PROJECTS\20637.11\CAD\Civil\sheets\20637.11-C1-TITLE.dwg



SURVEY NOTES

1. The bearing system is based on the Carver County coordinate system, NAD83 (1986 Adjust) . With an assumed bearing of South 70 degrees 45 minutes 23 seconds East for the southerly line of Outlot E, CHASKA CREEK CENTER.
2. The vertical datum is based on NAVD88. The originating bench marks are MNDOT MORAVIAN, 1013BV and 1013BX, referenced from the MnDOT Geodetic Database.

   BENCHMARK #1
   Survey Control Point in median of Engler Blvd north of property.
   Elev.=897.36
3. Topography is per a combination of information received from Stantec, LiDAR data and Sambatek field data .
4. The property address is not assigned, the parcel identification numbers are 301840030 (Outlot A), 302040070 (Outlot E).
5. The subject property lies within Flood Plain Zone X – 'Area of minimal flood hazard' as depicted by scaled map location and graphic plotting according to FEMA, FIRM Map No. 27019C0217D dated 12/21/2018.
6. The gross land area of the subject property is 22.0980 Acres or 962,589 Square Feet.
7. There are no buildings situated on the subject property.

SUBJECT PROPERTY

Outlot E, CHASKA CREEK CENTER, according to the recorded plat thereof, Carver County, Minnesota.

Outlot A, CHASKA CREEK CENTER 2ND ADDITION, according to the recorded plat thereof, Carver County, Minnesota.

PROPOSED LOTS

Lot 1, Block 1	413,640 Square Feet	9.4959 Acres
Lot 1, Block 2	451,687 Square Feet	10.3693 Acres
Outlot A	97,262 Square Feet	2.2328 Acres
Total	962,589 Square Feet	22.0981 Acres

CONTACT INFORMATION

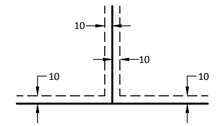
Engineer/Surveyor:

Sambatek, Inc.
12800 Whitewater Drive
Suite 300
Minnetonka, MN 55343
(763) 476-6010

NORTH

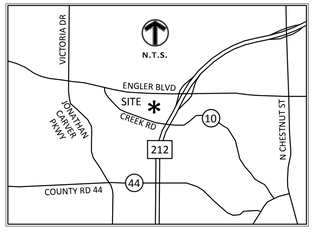
0 80 160
SCALE IN FEET

DRAINAGE AND UTILITY EASEMENTS ARE SHOWN THUS:
(NOT TO SCALE)



BEING 10 FEET IN WIDTH AND ADJOINING LOT LINES AND RIGHT-OF-WAY LINES, AS SHOWN ON THE PLAT.

VICINITY MAP



LEGEND

- FOUND MONUMENT
- FOUND CAST IRON MONUMENT
- FOUND RIGHT-OF-WAY MONUMENT
- SET MONUMENT MARKED LS 21729
- GATE VALVE / HYDRANT
- SANITARY MANHOLE
- CLEAN OUT
- STORM MANHOLE
- STORM CATCH BASIN
- FLARED END SECTION
- TRANSFORMER
- TRAFFIC LIGHT
- GUY ANCHOR
- UTILITY POLE
- SIGN
- ELECTRIC MANHOLE
- ELECTRIC METER
- TELEPHONE PEDESTAL
- CABLE TV BOX
- COMMUNICATIONS MANHOLE
- BOUNDARY LINE
- RIGHT-OF-WAY LINE
- UNDERLYING / ADJACENT LOT
- TIE LINE
- SECTION LINE
- WATERMAIN
- SANITARY SEWER
- STORM SEWER
- UNDERGROUND ELECTRIC
- UNDERGROUND TELEPHONE
- UNDERGROUND GAS
- OVERHEAD ELECTRICAL WIRE
- CHAIN LINK FENCE
- WOOD FENCE
- WIRE FENCE
- WET LAND
- POND / WATER LINE
- FEMA FLOOD ZONE LINE
- EASEMENT LINE
- RESTRICTED ACCESS
- TREE LINE
- CONCRETE CURB
- BUILDING LINE
- BITUMINOUS SURFACE
- CONCRETE SURFACE
- RIP RAP SURFACE
- LANDSCAPE MULCH SURFACE
- DECIDUOUS TREE
- CONIFEROUS TREE
- 999.9 SPOT ELEVATION
- 902 CONTOUR
- TRAFFIC MARKERS
- (123.45) DEED DISTANCE
- ST–XX SOIL BORING

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OPPIDAN

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Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

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

PRELIMINARY

Mark R. Salo
Registration No. 43933 Date: 11/23/2020

If applicable, contact us for a wet signed copy of this survey which is available upon request at Sambatek's, Minnetonka, MN office.

Summary

Designed: - Drawn: LC
Approved: MCL Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

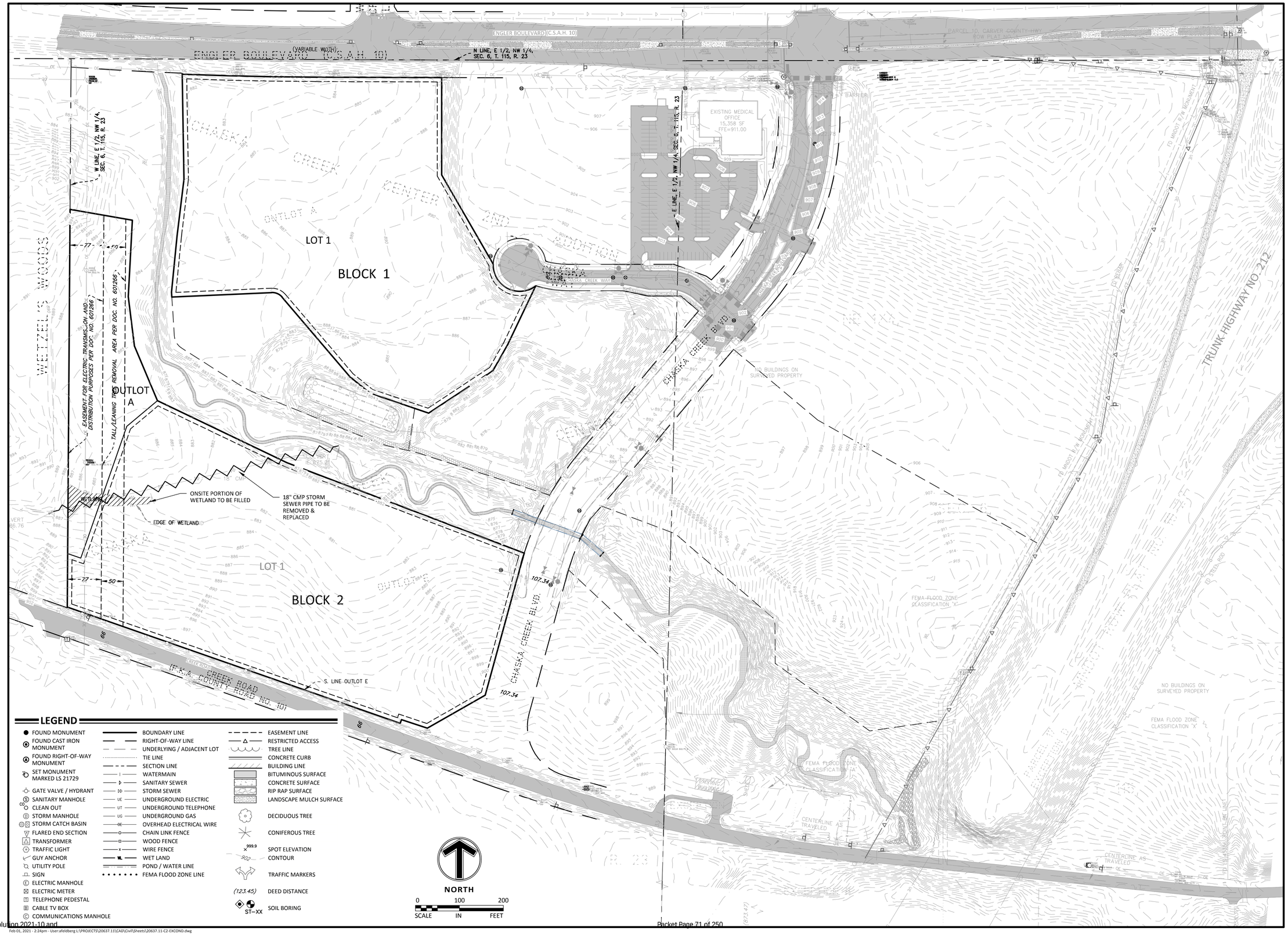
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	12/23/20	AF	CITY COMMENTS
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Sheet Title
PRELIMINARY PLAT

Sheet No. Revision
C2.01

Project No. 20637.11



LEGEND

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NORTH

0 100 200

SCALE IN FEET

Feb 01, 2021 - 2:24pm - User:afeldberg L:\PROJECTS\20637.11\CAD\Civil\Sheets\20637.11-C2-EXCOND.dwg

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Project
CHASKA CREEK INDUSTRIAL

Location
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Certification

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PRELIMINARY

Brady D. Busselman
Registration No. 41579 Date: 12/01/2020

If applicable, contact us for a wet signed copy of this plan which is available upon request at Sambatek's, Minnetonka, MN office.

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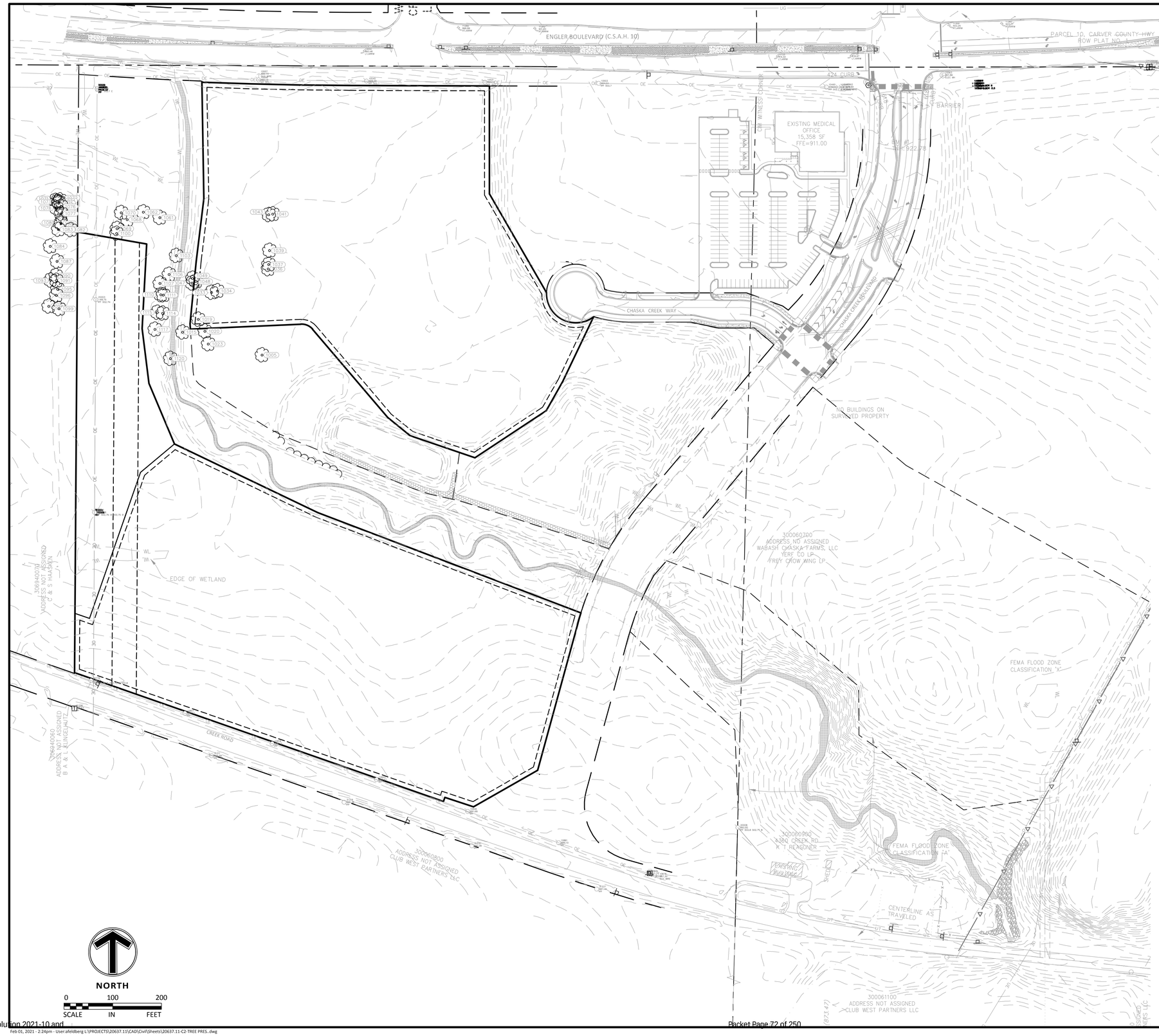
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Sheet Title
EXISTING CONDITIONS

Sheet No. Revision
C2.02

Project No. 20637.11



TREE INVENTORY

Tree Tag List		
Tree Number	**Size**	**Tree Name**
1005	25	Elm - American (Ulmus americana)
1015	15	Elm - American (Ulmus americana)
1019	12	Elm - American (Ulmus americana)
1020	14	Cherry - Black (Prunus serotina)
1023	12	Cherry - Black (Prunus serotina)
1033	17	Elm - American (Ulmus americana)
1034	13	Cherry - Black (Prunus serotina)
1036	19	Ash - Green (Fraxinus pennsylvanica)
1037	14	Ash - Green (Fraxinus pennsylvanica)
1039	23	Ash - Green (Fraxinus pennsylvanica)
1041	16	Cherry - Black (Prunus serotina)
1043	13	Elm - American (Ulmus americana)
1047	13	Elm - American (Ulmus americana)
1061	12	Elm - American (Ulmus americana)
1062	12	Hackberry (Celtis occidentalis)
1068	26	Oak - White (Quercus alba)
1069	15	Elm - American (Ulmus americana)
1070	29	Oak - White (Quercus alba)
1071	13	Elm - American (Ulmus americana)
1072	16	Elm - American (Ulmus americana)
1073	21	Ash - Green (Fraxinus pennsylvanica)
1074	20	Ash - Green (Fraxinus pennsylvanica)
1075	22	Ash - Green (Fraxinus pennsylvanica)
1076	25	Ash - Green (Fraxinus pennsylvanica)
1077	22	Ash - Green (Fraxinus pennsylvanica)
1078	19	Ash - Green (Fraxinus pennsylvanica)
1079	13	Elm - Siberian (Ulmus pumula)
1080	25	Elm - Siberian (Ulmus pumula)
1081	12	Ash - Green (Fraxinus pennsylvanica)
1082	12	Elm - American (Ulmus americana)
1083	12	Ash - Green (Fraxinus pennsylvanica)
1084	13	Cherry - Black (Prunus serotina)
1087	12	Ash - Green (Fraxinus pennsylvanica)
1088	14	Cherry - Black (Prunus serotina)
1090	13	Ash - Green (Fraxinus pennsylvanica)
1091	21	Ash - Green (Fraxinus pennsylvanica)
1093	15	Cherry - Black (Prunus serotina)
1095	13	Ash - Green (Fraxinus pennsylvanica)
1096	13	Ash - Green (Fraxinus pennsylvanica)
1098	14	Cherry - Black (Prunus serotina)
1099	13	Ash - Green (Fraxinus pennsylvanica)
1100	19	Elm - Siberian (Ulmus pumula)
1103	24	Elm - American (Ulmus americana)
1106	14	Ash - Green (Fraxinus pennsylvanica)
1107	14	Elm - American (Ulmus americana)
1110	12	Oak - White (Quercus alba)
1111	35	Oak - White (Quercus alba)
1114	12	Elm - American (Ulmus americana)
1115	13	Box Elder (Acer negundo)
1117	18	Ash - Green (Fraxinus pennsylvanica)
1120	12	Elm - American (Ulmus americana)

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Client
OPPIDAN

400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed professional ENGINEER under the laws of the state of Minnesota.

PRELIMINARY

Brady D. Bussenius
Registration No. 41579 Date: 12/01/2020

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Summary

Designed: AKF Drawn: JGP
Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

Revision History

No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
TREE INVENTORY PLAN

Sheet No. Revision
C2.03

Project No. 20637.11

Feb 01, 2021 - 2:24pm - User:afeldberg L:\PROJECTS\20637.11\CAD\Civil\Sheets\20637.11-C2-TREE PRES..dwg

ENGLER BOULEVARD (C.S.A.H. 10)

PARCEL 10, CARVER COUNTY HWY ROW PLAT NO. 1

TRUNK HIGHWAY NO. 212

CORPORATE INDUSTRIAL
(LOT 1, BLOCK 1)
133,000 SF
FFE=898.00

FUTURE DAYCARE
10,125 SF FOOTPRINT
FFE=907.00

FUTURE OFFICE
TWO STORY
15,300 SF FOOTPRINT
FFE=907.00

EXISTING MEDICAL OFFICE
15,358 SF
FFE=911.00

FUTURE HY-VEE
105,000 SF
FFE=919.00

FUTURE C-STORE
4,270 SF
FFE=910.00

CHASKA CREEK WAY

CHASKA CREEK BOULEVARD

POND P9
TOP=886.5
HWL_{100}=885.7
NWL=883.0
BOT=877.0

BIOFILTRATION BASIN P7
TOP=887.0
HWL_{100}=886.3
BOT=884.0

BIOFILTRATION BASIN P2
TOP=887.0
HWL_{100}=885.8
BOT=883.0

POND P1
TOP=890.0
HWL_{100}=888.9
NWL=883.0
BOT=878.0

POND P8
TOP=889.0
HWL_{100}=888.6
NWL=884.0
BOT=877.0

SUBSURFACE SYSTEM P8.UG
ROCK TOP=890.0
HWL_{100}=889.7
PIPE TOP=889.5
PIPE IE=884.5
ROCK IE=884.0

PRE-MEANDER CREEK ALIGNMENT

HIGH-BAY INDUSTRIAL
(LOT 1, BLOCK 2)
168,000 SF
FFE=899.00

CREEK ROAD

POND P3
HWL=894.1
NWL=889.0

FUTURE OFFICE
TWO STORY
50,000 SF
FFE=903.00

POND P4
HWL=898.7
NWL=885.0

FUTURE OFFICE
TWO STORY
50,000 SF
FFE=905.00

FUTURE OFFICE
12,000 SF
FFE=895.00

POND P5
HWL=887.6
NWL=885.0

EXISTING BUILDING

SHED

NORTH

0 100 200
SCALE IN FEET

LEGEND

	PROPOSED	EXISTING	FUTURE
PROPERTY LIMIT			
CURB & GUTTER			
EASEMENT			
BUILDING			
RETAINING WALL			
WETLAND LIMITS		WL	
TREELINE			
SAWCUT LINE			
SIGN			
PIPE BOLLARD			
NUMBER OF PARKING STALLS PER ROW	XX		
KEY NOTE	XX		

- STANDARD DUTY ASPHALT PAVING
- HEAVY DUTY ASPHALT PAVING
- CONCRETE PAVING
- CONCRETE SIDEWALK
- PAVEMENT BY OTHERS (SEE ARCHITECTURAL PLANS)

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OPPIDAN

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EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
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PRELIMINARY

Brady D. Busselman
Registration No. 44579 Date: 12/01/2020

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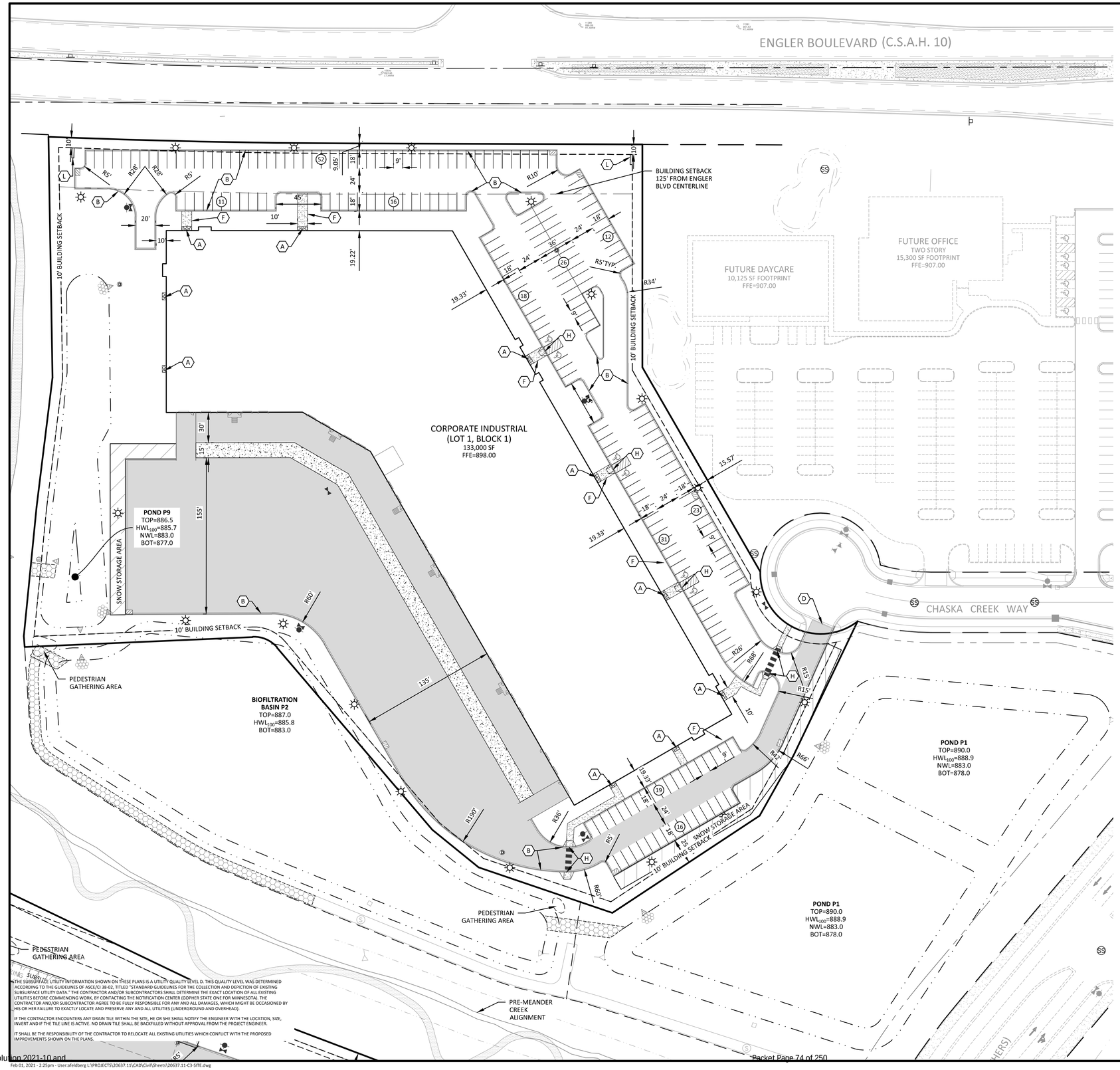
Revision History

No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
SITE PLAN - OVERALL

Sheet No. Revision
C3.01

Project No. 20637.11



LEGEND

	PROPOSED	EXISTING	FUTURE
PROPERTY LIMIT			
CURB & GUTTER			
EASEMENT			
BUILDING			
RETAINING WALL			
WETLAND LIMITS		WL	
TREELINE			
SAWCUT LINE			
SIGN			
PIPE BOLLARD			
NUMBER OF PARKING STALLS PER ROW	XX		
KEY NOTE	XX		
TURF REINFORCEMENT MAT			

- STANDARD DUTY ASPHALT PAVING
- HEAVY DUTY ASPHALT PAVING
- CONCRETE PAVING
- CONCRETE SIDEWALK
- PAVEMENT BY OTHERS (SEE ARCHITECTURAL PLANS)
- SNOW STORAGE
- BITUMINOUS TRAIL

DEVELOPMENT SUMMARY

LOT AREA	
LOT 1, BLOCK 1	413,640 SF 9.499 AC
BUILDING AREA	133,000 SF
PARKING LOT LANDSCAPE PERCENTAGE	37%
SETBACKS	REFER TO SITE PLAN
ZONING	
EXISTING ZONING	OPEN
PROPOSED ZONING	PCD
BUILDING BREAKDOWN	
OFFICE SPACE	26,600 SF / 20%
WAREHOUSE SPACE	106,400 SF / 80%
TOTAL	133,000 SF / 100%
PARKING REQUIRED	
OFFICE SPACE (1 PER 250 SF)	106 STALLS
WAREHOUSE SPACE (1 PER 2,000 SF)	53 STALLS
TOTAL REQUIRED	159 STALLS
STANDARD PARKING PROVIDED	218 STALLS
ADA PARKING PROVIDED	6 STALLS
TOTAL PARKING	224 STALLS

DEVELOPMENT NOTES

1. ALL DIMENSIONS ARE ROUNDED TO THE NEAREST TENTH FOOT.
2. ALL DIMENSIONS SHOWN ARE TO THE FACE OF CURB TO FACE OF CURB UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL REVIEW PAVEMENT GRADIENT AND CONSTRUCT "GUTTER OUT" WHERE WATER DRAINS AWAY FROM CURB. ALL OTHER AREAS SHALL BE CONSTRUCTED AS "GUTTER IN" CURB. COORDINATE WITH GRADING CONTRACTOR.
4. ALL AREAS ARE ROUNDED TO THE NEAREST SQUARE FOOT.
5. ALL PARKING STALLS TO BE 9' IN WIDTH AND 18' IN LENGTH UNLESS OTHERWISE INDICATED.
6. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF EXIT PORCHES, RAMPS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
7. SEE ARCHITECTURAL PLANS FOR PYLON SIGN DETAILS
8. SEE ARCHITECTURAL PLANS FOR LIGHT POLE FOUNDATION DETAIL AND FOR EXACT LOCATIONS OF LIGHT POLE.
9. REFER TO FINAL PLAT FOR LOT BOUNDARIES, LOT NUMBERS, LOT AREAS, AND LOT DIMENSIONS.
10. ALL GRADIENTS ON SIDEWALKS ALONG THE ADA ROUTE SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 5% (1:20), EXCEPT AT CURB RAMPS (1:12), AND A MAXIMUM CROSS SLOPE OF 2.08% (1:48). THE MAXIMUM SLOPE IN ANY DIRECTION ON AN ADA PARKING STALL OR ACCESS AISLE SHALL BE 2.08% (1:48). THE CONTRACTOR SHALL REVIEW AND VERIFY THE GRADIENT IN THE FIELD ALONG THE ADA ROUTES PRIOR TO PLACING CONCRETE OR BITUMINOUS PAVEMENT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF THERE IS A DISCREPANCY BETWEEN THE GRADIENT IN THE FIELD VERSUS THE DESIGN GRADIENT AND COORDINATE WITH GRADING CONTRACTOR.
11. "NO PARKING" SIGNS SHALL BE PLACED ALONG ALL DRIVEWAYS AS REQUIRED BY CITY.
12. STREET NAMES ARE SUBJECT TO APPROVAL BY THE CITY.

KEY NOTES

A. BUILDING, STOOPS, STAIRS (SEE ARCHITECTURAL PLANS)
B. B-612 CONCRETE CURB AND GUTTER
C. B-618 6CONCRETE CURB AND GUTTER
D. CONCRETE APRON
E. FLAT CURB SECTION
F. CONCRETE SIDEWALK
G. SEGMENTAL BLOCK RETAINING WALL
H. ACCESSIBLE RAMP
I. ACCESSIBLE STALL STRIPING
J. ACCESSIBLE PARKING SIGN
K. TRANSFORMER
L. MONUMENT SIGN

NORTH
0 50 100
SCALE IN FEET

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400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
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PRELIMINARY

Brady D. Busselman
Registration No. 43579 Date: 12/01/2020

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Summary

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Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

Revision History

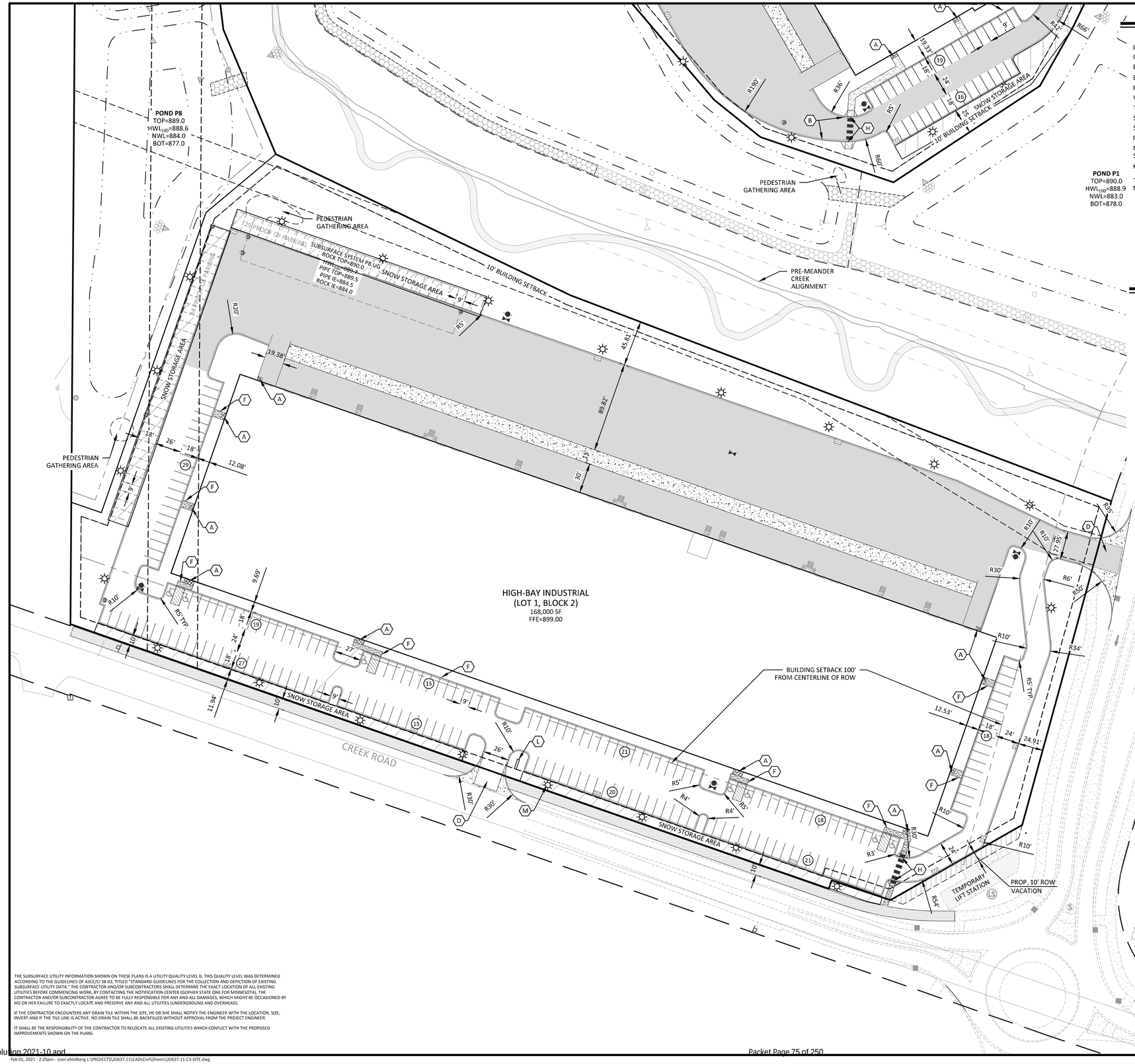
No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
SITE PLAN - LOT 1, BLOCK 1

Sheet No. Revision
C3.02

Project No. 20637.11

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LEGEND

	PROPOSED	EXISTING	FUTURE
PROPERTY LIMIT			
CURB & GUTTER			
EASEMENT			
BUILDING			
RETAINING WALL			
WETLAND LIMITS		WL	
TREELINE			
SAWCUT LINE			
SIGN			
PIPE BOLLARD			
NUMBER OF PARKING STALLS PER ROW	XX		
KEY NOTE	XX		
TURF REINFORCEMENT MAT			

- STANDARD DUTY ASPHALT PAVING
- HEAVY DUTY ASPHALT PAVING
- CONCRETE PAVING
- CONCRETE SIDEWALK
- PAVEMENT BY OTHERS (SEE ARCHITECTURAL PLANS)
- SNOW STORAGE
- BITUMINOUS TRAIL

DEVELOPMENT SUMMARY

LOT AREA	
LOT 1, BLOCK 2	548,949 SF 12.60 AC
BUILDING AREA	168,000 SF
PARKING LOT LANDSCAPE PERCENTAGE	32%
SETBACKS	REFER TO SITE PLAN
ZONING	
EXISTING ZONING	OPEN
PROPOSED ZONING	PCD
BUILDING BREAKDOWN	
OFFICE SPACE	33,600 SF / 20%
WAREHOUSE SPACE	134,400 SF / 80%
TOTAL	168,000 SF / 100%
PARKING REQUIRED	
OFFICE SPACE (1 PER 250 SF)	134 STALLS
WAREHOUSE SPACE (1 PER 2,000 SF)	68 STALLS
TOTAL REQUIRED	202 STALLS
STANDARD PARKING PROVIDED	196 STALLS
ADA PARKING PROVIDED	7 STALLS
TOTAL	203 STALLS
PROOF OF PARKING	63 STALLS

DEVELOPMENT NOTES

1. ALL DIMENSIONS ARE ROUNDED TO THE NEAREST TENTH FOOT.
2. ALL DIMENSIONS SHOWN ARE TO THE FACE OF CURB TO FACE OF CURB UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL REVIEW PAVEMENT GRADIENT AND CONSTRUCT "GUTTER OUT" WHERE WATER DRAINS AWAY FROM CURB. ALL OTHER AREAS SHALL BE CONSTRUCTED AS "GUTTER IN" CURB. COORDINATE WITH GRADING CONTRACTOR.
4. ALL AREAS ARE ROUNDED TO THE NEAREST SQUARE FOOT.
5. ALL PARKING STALLS TO BE 9' IN WIDTH AND 18' IN LENGTH UNLESS OTHERWISE INDICATED.
6. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF EXIT PORCHES, RAMPS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
7. SEE ARCHITECTURAL PLANS FOR PYLON SIGN DETAILS
8. SEE ARCHITECTURAL PLANS FOR LIGHT POLE FOUNDATION DETAIL AND FOR EXACT LOCATIONS OF LIGHT POLE.
9. REFER TO FINAL PLAT FOR LOT BOUNDARIES, LOT NUMBERS, LOT AREAS, AND LOT DIMENSIONS.
10. ALL GRADIENTS ON SIDEWALKS ALONG THE ADA ROUTE SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 5% (1:20), EXCEPT AT CURB RAMPS (1:12), AND A MAXIMUM CROSS SLOPE OF 2.08% (1:48). THE MAXIMUM SLOPE IN ANY DIRECTION ON AN ADA PARKING STALL OR ACCESS AISLE SHALL BE 2.08% (1:48). THE CONTRACTOR SHALL REVIEW AND VERIFY THE GRADIENT IN THE FIELD ALONG THE ADA ROUTES PRIOR TO PLACING CONCRETE OR BITUMINOUS PAVEMENT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF THERE IS A DISCREPANCY BETWEEN THE GRADIENT IN THE FIELD VERSUS THE DESIGN GRADIENT AND COORDINATE WITH GRADING CONTRACTOR.
11. "NO PARKING" SIGNS SHALL BE PLACED ALONG ALL DRIVEWAYS AS REQUIRED BY CITY.
12. STREET NAMES ARE SUBJECT TO APPROVAL BY THE CITY.

KEY NOTES

A. BUILDING, STOOPS, STAIRS (SEE ARCHITECTURAL PLANS)
B. B-612 CONCRETE CURB AND GUTTER
C. B-618 6CONCRETE CURB AND GUTTER
D. CONCRETE APRON
E. FLAT CURB SECTION
F. CONCRETE SIDEWALK
G. SEGMENTAL BLOCK RETAINING WALL
H. ACCESSIBLE RAMP
I. ACCESSIBLE STALL STRIPING
J. ACCESSIBLE PARKING SIGN
K. TRANSFORMER
L. MONUMENT SIGN

NORTH
0 50 100
SCALE IN FEET

THE SUBSURFACE UTILITY INFORMATION SHOWN ON THESE PLANS IS A UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF ASCE/CI 38-02, TITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA." THE CONTRACTOR AND/OR SUBCONTRACTORS SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, BY CONTACTING THE NOTIFICATION CENTER (GOPHER STATE ONE FOR MINNESOTA). THE CONTRACTOR AND/OR SUBCONTRACTOR AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES, WHICH MIGHT BE OCCASIONED BY HIS OR HER FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES (UNDERGROUND AND OVERHEAD).

IF THE CONTRACTOR ENCOUNTERS ANY DRAIN TILE WITHIN THE SITE, HE OR SHE SHALL NOTIFY THE ENGINEER WITH THE LOCATION, SIZE, INVERT AND IF THE TILE LINE IS ACTIVE. NO DRAIN TILE SHALL BE BACKFILLED WITHOUT APPROVAL FROM THE PROJECT ENGINEER.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

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400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

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PRELIMINARY

Brady D. Busselman
Registration No. 43579 Date: 12/01/2020

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No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
SITE PLAN - LOT 1, BLOCK 2

Sheet No. Revision
C3.03

Project No. 20637.11

Feb 01, 2021 - 2:25pm - User:afeldberg L:\PROJECTS\20637.11\CAD\Civil\Sheets\20637.11-C3-SITE.dwg

LEGEND

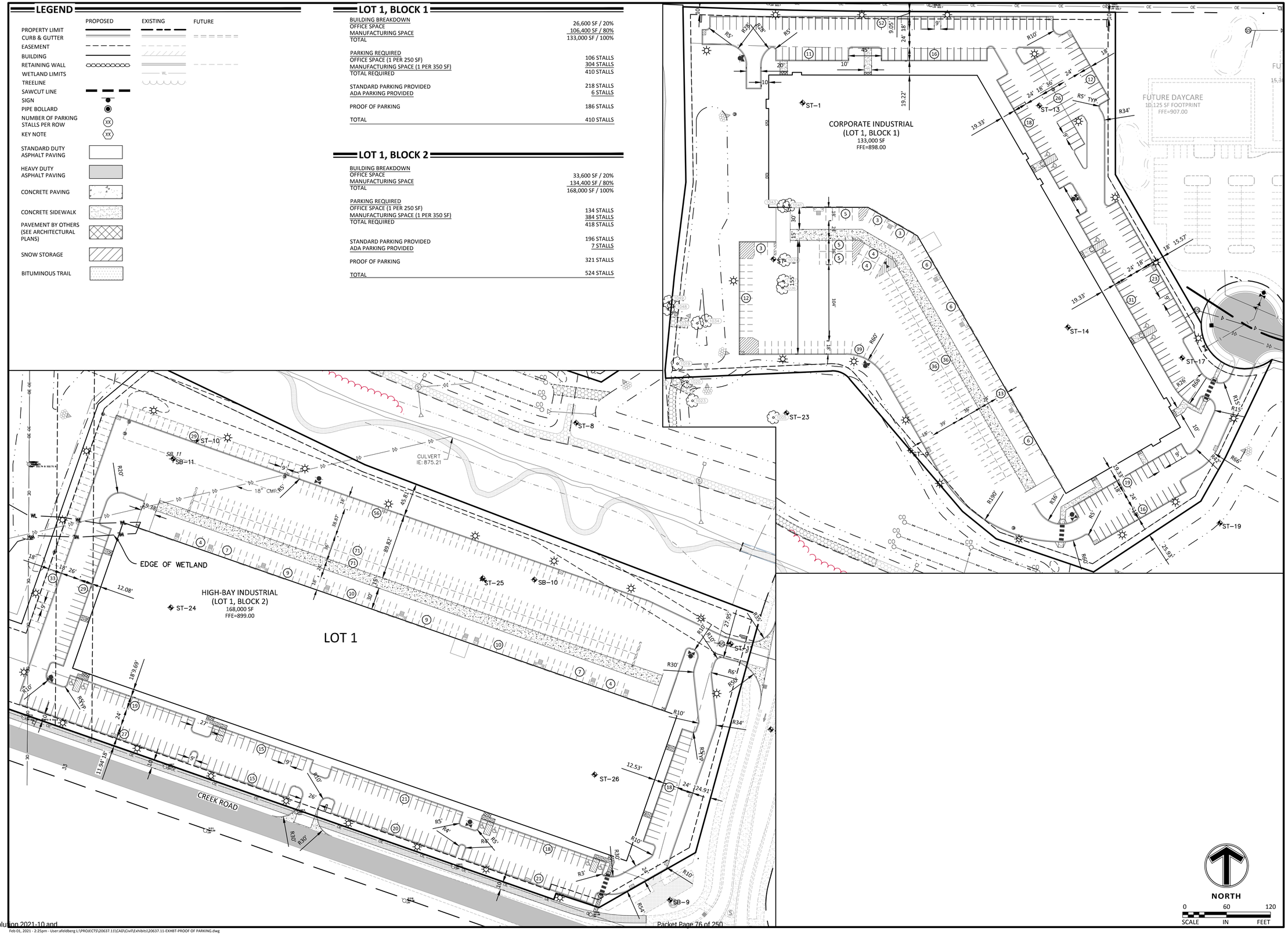
	PROPOSED	EXISTING	FUTURE
PROPERTY LIMIT			
CURB & GUTTER			
EASEMENT			
BUILDING			
RETAINING WALL			
WETLAND LIMITS		WL	
TREELINE			
SAWCUT LINE			
SIGN			
PIPE BOLLARD			
NUMBER OF PARKING STALLS PER ROW	XX		
KEY NOTE	XX		
STANDARD DUTY ASPHALT PAVING			
HEAVY DUTY ASPHALT PAVING			
CONCRETE PAVING			
CONCRETE SIDEWALK			
PAVEMENT BY OTHERS (SEE ARCHITECTURAL PLANS)			
SNOW STORAGE			
BITUMINOUS TRAIL			

LOT 1, BLOCK 1

BUILDING BREAKDOWN	
OFFICE SPACE	26,600 SF / 20%
MANUFACTURING SPACE	106,400 SF / 80%
TOTAL	133,000 SF / 100%
PARKING REQUIRED	
OFFICE SPACE (1 PER 250 SF)	106 STALLS
MANUFACTURING SPACE (1 PER 350 SF)	304 STALLS
TOTAL REQUIRED	410 STALLS
STANDARD PARKING PROVIDED	218 STALLS
ADA PARKING PROVIDED	6 STALLS
PROOF OF PARKING	186 STALLS
TOTAL	410 STALLS

LOT 1, BLOCK 2

BUILDING BREAKDOWN	
OFFICE SPACE	33,600 SF / 20%
MANUFACTURING SPACE	134,400 SF / 80%
TOTAL	168,000 SF / 100%
PARKING REQUIRED	
OFFICE SPACE (1 PER 250 SF)	134 STALLS
MANUFACTURING SPACE (1 PER 350 SF)	384 STALLS
TOTAL REQUIRED	418 STALLS
STANDARD PARKING PROVIDED	196 STALLS
ADA PARKING PROVIDED	7 STALLS
PROOF OF PARKING	321 STALLS
TOTAL	524 STALLS



NORTH

SCALE 0 60 120 IN FEET

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Location
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Registration No. 44579 Date: 12/01/2020

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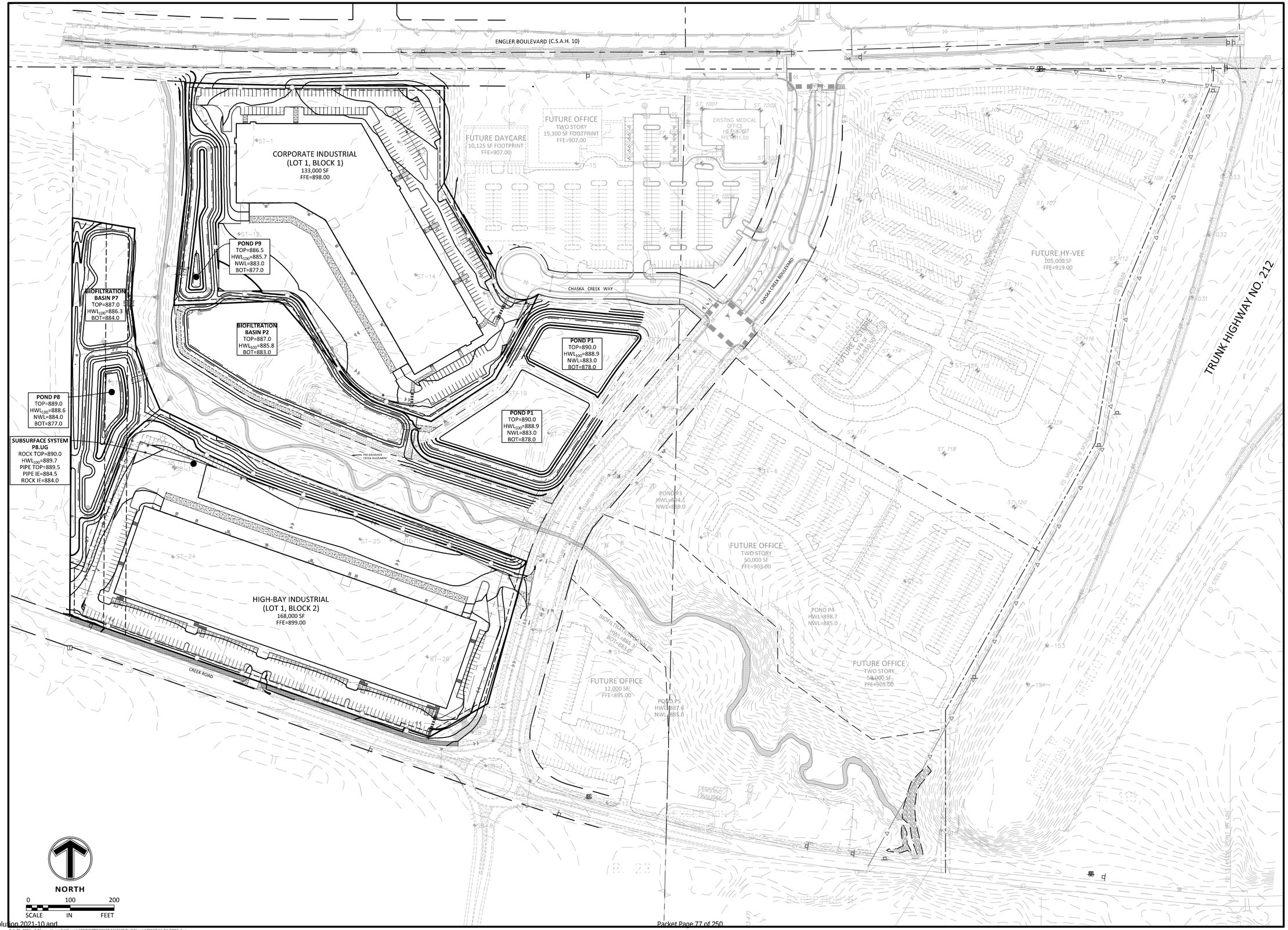
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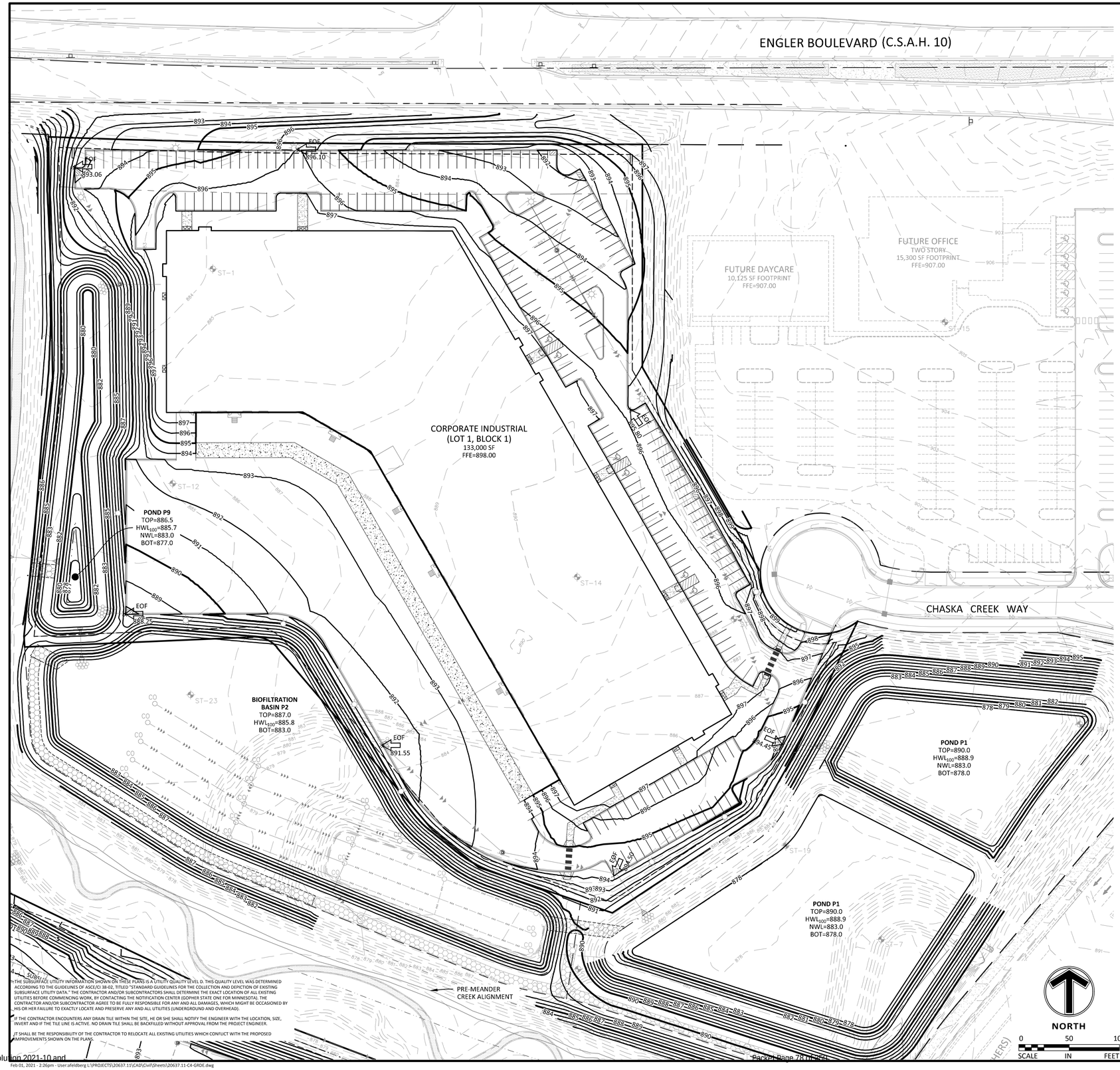
Sheet Title
SITE PLAN - PROOF OF PARKING

Sheet No. Revision
C3.04

Project No. 20637.11

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ENGLER BOULEVARD (C.S.A.H. 10)
CORPORATE INDUSTRIAL
(LOT 1, BLOCK 1)
133,000 SF
FFE=898.00
FUTURE DAYCARE
10,125 SF FOOTPRINT
FFE=907.00
FUTURE OFFICE
TWO STORY
15,300 SF FOOTPRINT
FFE=907.00
EXISTING MEDICAL OFFICE
15,568 SF
FFE=911.00
FUTURE HY-VEE
105,000 SF
FFE=919.00
FUTURE C-STORE
4,775 SF
FFE=910.00
POND P9
TOP=886.5
HWL100=885.7
NWL=883.0
BOT=877.0
BIOFILTRATION BASIN P7
TOP=887.0
HWL100=886.3
BOT=884.0
BIOFILTRATION BASIN P2
TOP=887.0
HWL100=885.8
BOT=883.0
POND P1
TOP=890.0
HWL100=888.9
NWL=883.0
BOT=878.0
POND P8
TOP=889.0
HWL100=888.6
NWL=884.0
BOT=877.0
SUBSURFACE SYSTEM P8.UG
ROCK TOP=890.0
HWL100=889.7
PIPE TOP=889.5
PIPE IE=884.5
ROCK IE=884.0
HIGH-BAY INDUSTRIAL
(LOT 1, BLOCK 2)
168,000 SF
FFE=899.00
CHASKA CREEK WAY
CHASKA CREEK BOULEVARD
CREEK ROAD
TRUNK HIGHWAY NO. 212
POND P3
HWL=894.1
NWL=889.0
POND P4
HWL=898.7
NWL=885.0
POND P5
HWL=887.6
NWL=885.0
FUTURE OFFICE
TWO STORY
50,000 SF
FFE=903.00
FUTURE OFFICE
TWO STORY
50,000 SF
FFE=905.00
FUTURE OFFICE
12,000 SF
FFE=895.00
BIOFILTRATION BASIN P6
HWL=885.3
BOT=884.0
PRESERVED WETLAND
PRESERVED WETLAND
PRESERVED WETLAND



LEGEND

	PROPOSED	EXISTING	FUTURE
PROPERTY LIMIT			
CURB & GUTTER			
STORM SEWER			
DRAINTILE			
BUILDING			
RETAINING WALL			
WETLAND LIMITS		WL	
TREELINE			
SPOT ELEVATION	902.5	902.5	
CONTOUR	902	902	
RIP RAP			
OVERFLOW ELEV.	EOF 902.5	ST_5 902.5	
SOIL BORINGS			
TURF REINFORCEMENT MAT			

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4. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
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www.sambatek.com
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Minnetonka, MN 55343
763.476.6010 telephone
763.476.8532 facsimile
Engineering | Surveying | Planning | Environmental

Client
OPPIDAN

400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed professional ENGINEER under the laws of the state of Minnesota.

PRELIMINARY

Brady D. Busselman
Registration No. 43579 Date: 12/01/2020

If applicable, contact us for a wet signed copy of this plan which is available upon request at Sambatek's, Minnetonka, MN office.

Summary

Designed: AKF Drawn: JGP
Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

Revision History

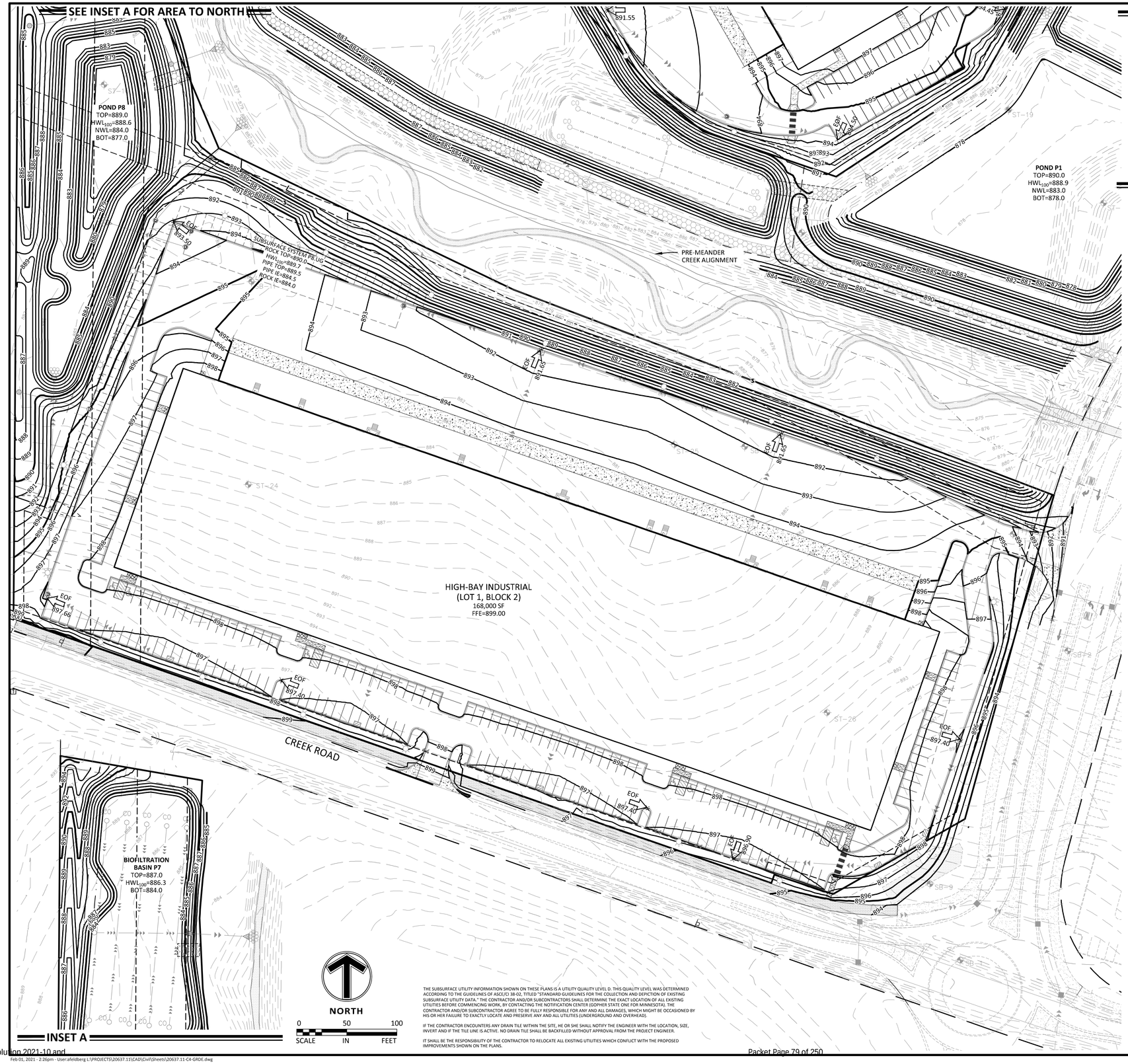
No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
GRADING PLAN - LOT 1, BLOCK 1

Sheet No. Revision
C4.02

Project No. 20637.11

Feb 01, 2021 - 2:26pm - User:afeldberg L:\PROJECTS\20637.11\CAD\Civil\Sheets\20637.11-C4-GRDE.dwg



LEGEND

	PROPOSED	EXISTING	FUTURE
PROPERTY LIMIT			
CURB & GUTTER			
STORM SEWER			
DRAINTILE			
BUILDING			
RETAINING WALL			
WETLAND LIMITS			
TREELINE			
SPOT ELEVATION	902.5	902.5	
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Sambatek
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763.476.6010 telephone
763.476.8532 facsimile
Engineering | Surveying | Planning | Environmental

Client
OPPIDAN

400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed professional ENGINEER under the laws of the state of Minnesota.

PRELIMINARY

Brady D. Busse
Registration No. 43579 Date: 12/01/2020

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Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

Revision History

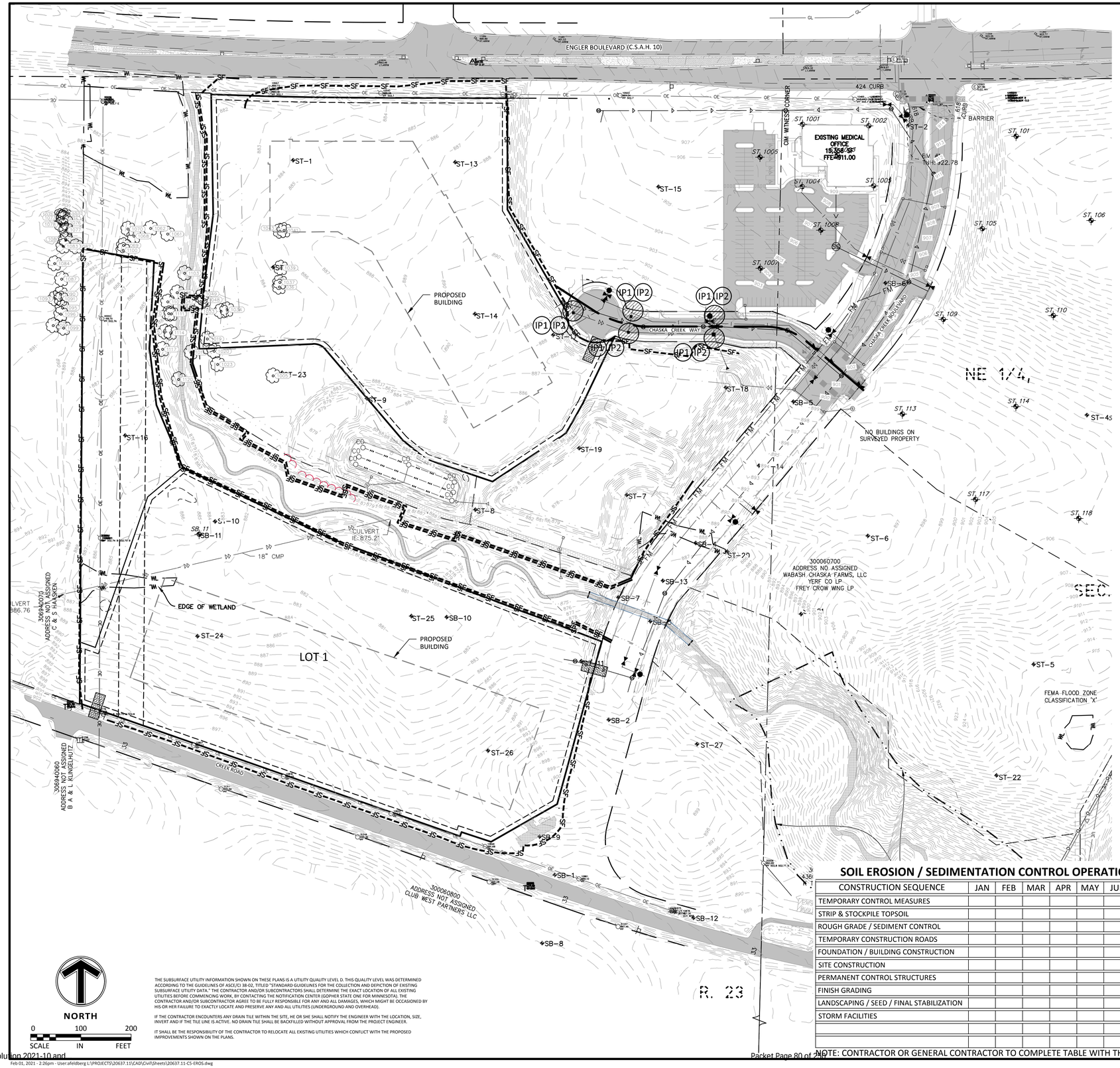
No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
GRADING PLAN - LOT 1, BLOCK 2

Sheet No. Revision
C4.03

Project No. 20637.11

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LEGEND

	PROPOSED	EXISTING
CURB & GUTTER		
STORM SEWER	D	
DRAINTILE		
CONTOUR	902	902
RIP RAP		
OVERFLOW ELEV.	EOF 902.5	
SILT FENCE	SF	
SILT DIKE	SD	
LIMITS OF DISTURBANCE		
SOIL BORINGS		ST_5 902.5
TURF REINFORCEMENT MAT		
DIRECTION OF OVERLAND FLOW		
TEMPORARY DIVERSION DITCH		
CHECK DAM		
BIO ROLL		
LIMITS OF DRAINAGE SUB-BASIN		
INLET PROTECTION DEVICE	IPX	
TEMPORARY STONE CONSTRUCTION ENTRANCE		
TEMPORARY SEDIMENT BASIN	SB	
TEMPORARY STORAGE AND PARKING AREA	TS	
TEMPORARY STABILIZATION MEASURES (SEED, MULCH, MATS OR BLANKETS AS OUTLINED IN THE SWPPP)	TSM	

NOTE TO CONTRACTOR

THE EROSION CONTROL PLAN SHEETS ALONG WITH THE REST OF THE SWPPP MUST BE KEPT ONSITE UNTIL THE NOTICE OF TERMINATION IS FILED WITH THE MPCA, THE CONTRACTOR MUST UPDATE THE SWPPP, INCLUDING THE EROSION CONTROL PLAN SHEETS AS NECESSARY TO INCLUDE ADDITIONAL REQUIREMENTS, SUCH AS ADDITIONAL OR MODIFIED BMPS DESIGNED TO CORRECT PROBLEMS IDENTIFIED. AFTER FILING THE NOTICE OF TERMINATION, THE SWPPP, INCLUDING THE EROSION CONTROL PLAN SHEETS, AND ALL REVISIONS TO IT MUST BE SUBMITTED TO THE OWNER, TO BE KEPT ON FILE IN ACCORDANCE WITH THE RECORD RETENTION REQUIREMENTS DESCRIBED IN THE SWPPP NARRATIVE.

SOIL EROSION / SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
TEMPORARY CONTROL MEASURES																		
STRIP & STOCKPILE TOPSOIL																		
ROUGH GRADE / SEDIMENT CONTROL																		
TEMPORARY CONSTRUCTION ROADS																		
FOUNDATION / BUILDING CONSTRUCTION																		
SITE CONSTRUCTION																		
PERMANENT CONTROL STRUCTURES																		
FINISH GRADING																		
LANDSCAPING / SEED / FINAL STABILIZATION																		
STORM FACILITIES																		

NOTE: CONTRACTOR OR GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE

NORTH

SCALE 0 100 200 IN FEET

THE SUBSURFACE UTILITY INFORMATION SHOWN ON THESE PLANS IS A UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF ASCE/CI 38-02, TITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA." THE CONTRACTOR AND/OR SUBCONTRACTORS SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, BY CONTACTING THE NOTIFICATION CENTER (GOPHER STATE ONE FOR MINNESOTA). THE CONTRACTOR AND/OR SUBCONTRACTOR AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES, WHICH MIGHT BE OCCASIONED BY HIS OR HER FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES (UNDERGROUND AND OVERHEAD).

IF THE CONTRACTOR ENCOUNTERS ANY DRAIN TILE WITHIN THE SITE, HE OR SHE SHALL NOTIFY THE ENGINEER WITH THE LOCATION, SIZE, INVERT AND IF THE TILE LINE IS ACTIVE. NO DRAIN TILE SHALL BE BACKFILLED WITHOUT APPROVAL FROM THE PROJECT ENGINEER.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

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Engineering | Surveying | Planning | Environmental

Client
OPPIDAN

400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed professional ENGINEER under the laws of the state of Minnesota.

PRELIMINARY

Brady D. Busselman
Registration No. 43579 Date: 12/01/2020

If applicable, contact us for a wet signed copy of this plan which is available upon request at Sambatek's, Minnetonka, MN office.

Summary

Designed: AKF Drawn: JGP
Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

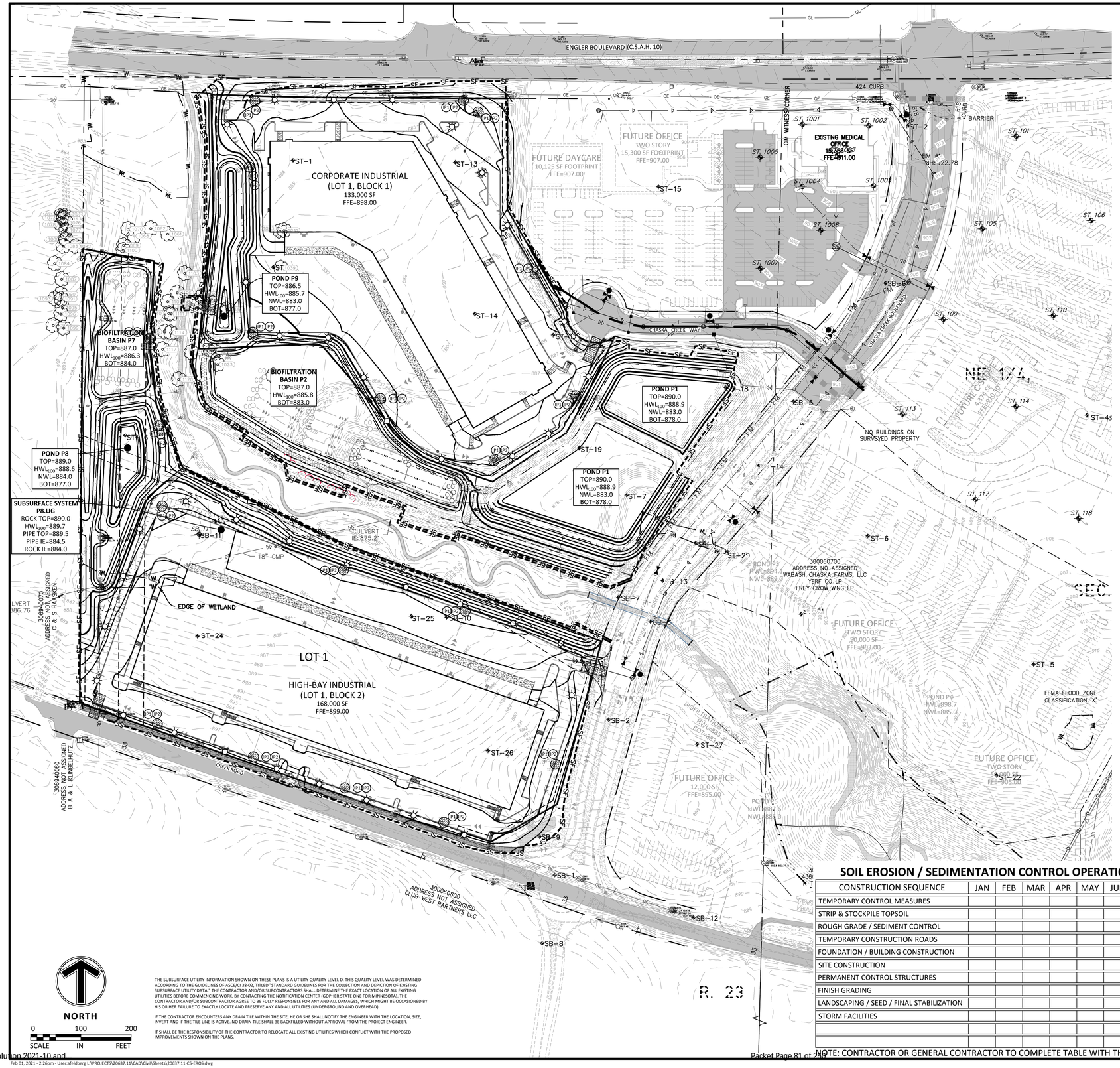
Revision History

No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
EROSION CONTROL PLAN PHASE I

Sheet No. Revision
C5.01

Project No. 20637.11



LEGEND

	PROPOSED	EXISTING
CURB & GUTTER		
STORM SEWER	D	
DRAINTILE		
CONTOUR	902	902
RIP RAP		
OVERFLOW ELEV.	EOF 902.5	
SILT FENCE	SF	
SILT DIKE	SD	
LIMITS OF DISTURBANCE		
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TURF REINFORCEMENT MAT		
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INLET PROTECTION DEVICE	IPX	
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SOIL EROSION / SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
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STORM FACILITIES																		

NOTE: CONTRACTOR OR GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE

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Project
CHASKA CREEK INDUSTRIAL

Location
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PRELIMINARY

Brady D. Busselman
Registration No. 41579 Date: 12/01/2020

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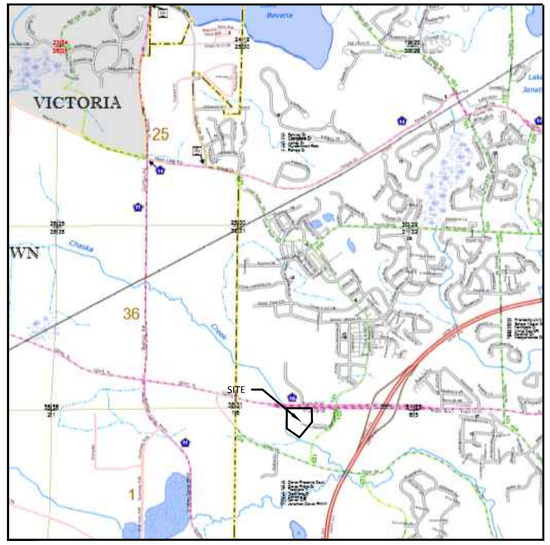
Sheet Title
EROSION CONTROL PLAN PHASE II

Sheet No. Revision
C5.02

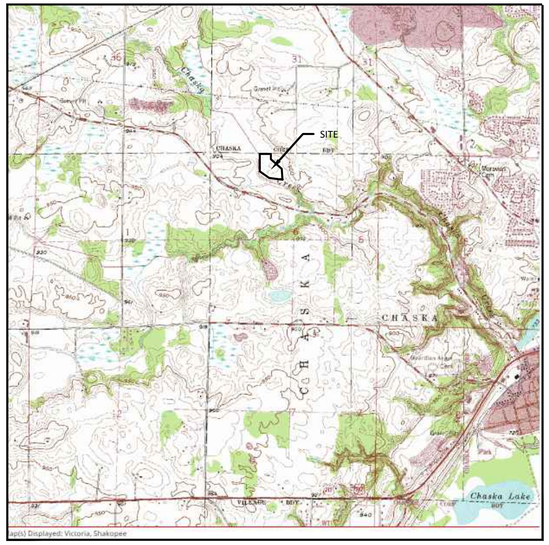
Project No. 20637.11

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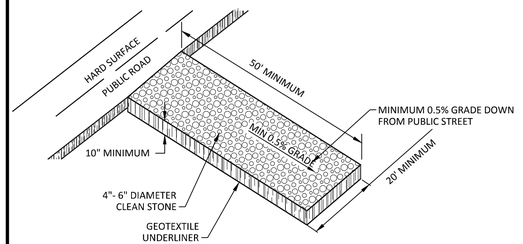
EROSION & SEDIMENTATION CONTROL NOTES & DETAILS / "SITE MAP"



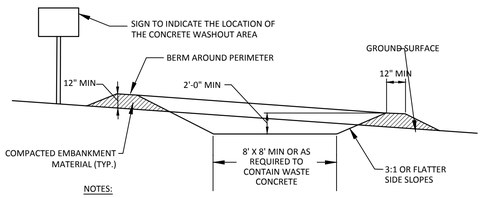
SITE LOCATION MAP
NOT TO SCALE



USGS MAP
NOT TO SCALE



TEMPORARY STONE CONSTRUCTION EXIT
N.T.S.



NOTES:

1. CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
2. CONCRETE WASHOUT AREA SHALL BE LINED WITH MINIMUM 10 MIL THICK PLASTIC LINER.
3. VEHICLE TRACKING CONTROL IS REQUIRED IF ACCESS TO CONCRETE WASHOUT AREA IS OFF PAVEMENT.
4. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
5. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
6. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN ACCEPTED WASTE SITE.
7. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, THE DISTURBED AREA SHALL BE SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER ACCEPTED BY THE CITY.

CONCRETE WASHOUT AREA
NOT TO SCALE

AREA SUMMARY IN ACRES

PAVEMENT AREA	8.63 AC±
BUILDING AREA	6.91 AC±
SEEDED AREA	13.02 AC±
TOTAL DISTURBED	28.56 AC±
PRE - CONSTRUCTION IMPERVIOUS	0.00 AC±
POST - CONSTRUCTION IMPERVIOUS	15.54 AC±

GENERAL EROSION NOTES:

1. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME. WHERE A CONFLICT EXISTS BETWEEN LOCAL JURISDICTIONAL STANDARD SPECIFICATIONS AND SAMBATEK STANDARD SPECIFICATIONS, THE MORE STRINGENT SPECIFICATION SHALL APPLY.
2. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THIS DRAWING (EROSION & SEDIMENTATION CONTROL PLAN-ESC PLAN), THE STANDARD DETAILS, THE PLAN NARRATIVE, AND ITS APPENDICES, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING & SUBMITTING THE APPLICATION FOR THE MPCA GENERAL STORMWATER PERMIT FOR CONSTRUCTION ACTIVITY. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE SWPPP AND THE STATE OF MINNESOTA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT, ISSUED AUGUST 1, 2018) AND BECOME FAMILIAR WITH THE CONTENTS. THE SWPPP AND ALL OTHER RELATED DOCUMENTS MUST BE KEPT AT THE SITE DURING CONSTRUCTION.
4. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMP'S) AS REQUIRED BY THE SWPPP & PERMITS. CONTRACTOR SHALL OVERSEE THE INSPECTION & MAINTENANCE OF THE BMP'S AND EROSION PREVENTION FROM BEGINNING OF CONSTRUCTION AND UNTIL CONSTRUCTION IS COMPLETED, IS APPROVED BY ALL AUTHORITIES, AND THE NOTICE OF TERMINATION (NOT) HAS BEEN FILED WITH THE MPCA BY EITHER THE OWNER OR OPERATOR AS APPROVED ON PERMIT. ADDITIONAL BMP'S SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
5. CONTRACTOR SHALL COMPLY WITH TRAINING REQUIREMENTS IN PART 21.1-21.3 OF THE GENERAL PERMIT.
6. BMP'S AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
7. ESC PLAN MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
8. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THE ESC PLANS SHALL BE CLEARLY DELINEATED (E.G. WITH FLAGS, STAKES, SIGNS, SILT FENCE, ETC.) ON THE DEVELOPMENT SITE BEFORE WORK BEGINS. GROUND DISTURBING ACTIVITIES MUST NOT OCCUR OUTSIDE THE LIMITS OF DISTURBANCE.
9. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
10. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) MUST BE LIMITED TO A DEFINED AREA OF THE SITE AND SHALL BE CONTAINED AND PROPERLY TREATED OR DISPOSED. NO ENGINE DEGREASING IS ALLOWED ON SITE.
11. ALL LIQUID AND SOLID WASTES GENERATED BY CONCRETE WASHOUT OPERATIONS MUST BE CONTAINED IN A LEAK-PROOF CONTAINMENT FACILITY OR IMPERMEABLE LINER. A COMPACTED CLAY LINER IS NOT ACCEPTABLE. THE LIQUID AND SOLID WASTES MUST NOT CONTACT THE GROUND, AND THERE MUST NOT BE RUNOFF FROM THE CONCRETE WASHOUT OPERATIONS OR AREAS. LIQUID AND SOLID WASTES MUST BE DISPOSED OF PROPERLY AND IN COMPLIANCE WITH MPCA REGULATIONS. A SIGN MUST BE INSTALLED ADJACENT TO EACH WASHOUT FACILITY TO INFORM CONCRETE EQUIPMENT OPERATORS TO UTILIZE THE PROPER FACILITIES. SELF-CONTAINED CONCRETE WASHOUTS ON CONCRETE DELIVERY TRUCKS ARE ALLOWED.
12. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
13. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
14. SOLID WASTE: COLLECTED SEDIMENT, ASPHALT & CONCRETE MILLINGS, FLOATING DEBRIS, PAPER, PLASTIC, FABRIC, CONSTRUCTION & DEMOLITION DEBRIS & OTHER WASTES MUST BE DISPOSED OF PROPERLY & MUST COMPLY WITH MPCA DISPOSAL REQUIREMENTS.
15. HAZARDOUS MATERIALS: OIL, GASOLINE, PAINT & ANY HAZARDOUS SUBSTANCES MUST BE PROPERLY STORED, INCLUDING SECONDARY CONTAINMENT, TO PREVENT SPILLS, LEAKS OR OTHER DISCHARGE. RESTRICTED ACCESS TO STORAGE AREAS MUST BE PROVIDED TO PREVENT VANDALISM. STORAGE & DISPOSAL OF HAZARDOUS WASTE MUST BE IN COMPLIANCE WITH MPCA REGULATIONS.
16. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE SWPPP, SHALL BE INITIATED AS SOON AS PRACTICABLE AND PRIOR TO SOIL DISTURBING ACTIVITIES UPSLOPE.
17. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED SHALL BE TEMPORARILY SEEDED, WITHIN 14 DAYS OF INACTIVITY. SEEDING SHALL BE IN ACCORDANCE WITH MN/DOT SEED MIXTURE NUMBER 21-111 OR 21-112 DEPENDING ON THE SEASON OF PLANTING (SEE MN/DOT SPECIFICATION SECTION 2575.3) SEEDING METHOD AND APPLICATION RATE SHALL CONFORM TO MN/DOT SPECIFICATION SECTION 2575.3. TEMPORARY MULCH SHALL BE APPLIED IN ACCORDANCE WITH MN/DOT SPECIFICATION SECTION 2575.3F1 AND 2575.3G. ALTERNATIVELY, HYDRAULIC SOIL STABILIZER IN ACCORDANCE WITH MN/DOT SPECIFICATION SECTION 2575.3H MAY BE USED IN PLACE OF TEMPORARY MULCH.
18. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED. THESE AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE TIME TABLE DESCRIBED ABOVE. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN FOR VEGETATIVE COVER.
19. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT FROM CONVEYANCES & FROM TEMPORARY SEDIMENTATION BASINS THAT ARE TO BE USED AS PERMANENT WATER QUALITY MANAGEMENT BASINS. SEDIMENT MUST BE STABILIZED TO PREVENT IT FROM BEING WASHED BACK INTO THE BASIN, CONVEYANCES, OR DRAINAGEWAYS DISCHARGING OFF-SITE OR TO SURFACE WATERS. THE CLEANOUT OF PERMANENT BASINS MUST BE SUFFICIENT TO RETURN THE BASIN TO DESIGN CAPACITY.
20. ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BMP'S. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
21. TEMPORARY SOIL STOCKPILES MUST HAVE SILT FENCE OR OTHER EFFECTIVE SEDIMENT CONTROLS & CANNOT BE PLACED IN SURFACE WATERS, INCLUDING STORMWATER CONVEYANCES SUCH AS CURB & GUTTER SYSTEMS OR CONDUITS & DITCHES.
22. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
23. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, CHECK DAMS, INLET PROTECTION DEVICES, ETC.) TO PREVENT EROSION.
24. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

MAINTENANCE NOTES:

ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. THE DESIGNATED CONTACT PERSON NOTED ON THIS PLAN MUST ROUTINELY INSPECT THE CONSTRUCTION ON SITE ONCE EVERY SEVEN DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. ALL SILT FENCES MUST BE REPAIRED, REPLACED, OR SUPPLEMENTED WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES 1/2 OF THE HEIGHT OF THE FENCE. THESE REPAIRS MUST BE MADE WITHIN 24 HOURS OF DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS.
2. TEMPORARY AND PERMANENT SEDIMENTATION BASINS MUST BE DRAINED AND THE SEDIMENT REMOVED WHEN THE DEPTH OF SEDIMENT COLLECTED IN THE BASIN REACHES 1/2 THE STORAGE VOLUME. DRAINAGE AND REMOVAL MUST BE COMPLETED WITHIN 72 HOURS OF DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS (SEE PART 10.1-10.5 OF THE GENERAL PERMIT).
3. SURFACE WATERS, INCLUDING DRAINAGE DITCHES AND CONVEYANCE SYSTEMS, MUST BE INSPECTED FOR EVIDENCE OF SEDIMENT BEING DEPOSITED BY EROSION. CONTRACTOR MUST REMOVE ALL DELTAS AND SEDIMENT DEPOSITED IN SURFACE WATERS, INCLUDING DRAINAGE WAYS, CATCH BASINS, AND OTHER DRAINAGE SYSTEMS, AND RESTABILIZE THE AREAS WHERE SEDIMENT REMOVAL RESULTED IN EXPOSED SOIL. THE REMOVAL AND STABILIZATION MUST TAKE PLACE WITHIN SEVEN (7) DAYS OF DISCOVERY UNLESS PRECLUDED BY LEGAL, REGULATORY, OR PHYSICAL ACCESS CONSTRAINTS. CONTRACTOR SHALL USE ALL REASONABLE EFFORTS TO OBTAIN ACCESS. IF PRECLUDED, REMOVAL AND STABILIZATION MUST TAKE PLACE WITHIN SEVEN (7) CALENDAR DAYS OF OBTAINING ACCESS. CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL LOCAL, REGIONAL, STATE AND FEDERAL AUTHORITIES AND RECEIVING ANY APPLICABLE PERMITS, PRIOR TO CONDUCTING ANY WORK.
4. CONSTRUCTION SITE VEHICLE EXIT LOCATIONS MUST BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING ONTO PAVED SURFACES. TRACKED SEDIMENT MUST BE REMOVED FROM ALL OFF-SITE PAVED SURFACES, WITHIN 24 HOURS OF DISCOVERY, OR IF APPLICABLE, WITHIN A SHORTER TIME TO COMPLY WITH PART 9.11-9.12 OF THE GENERAL PERMIT.
5. CONTRACTOR IS RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF TEMPORARY AND PERMANENT WATER QUALITY MANAGEMENT BMPS, AS WELL AS ALL EROSION PREVENTION AND SEDIMENT CONTROL BMPS, FOR THE DURATION OF THE CONSTRUCTION WORK AT THE SITE. THE PERMITTEE(S) ARE RESPONSIBLE UNTIL ANOTHER PERMITTEE HAS ASSUMED CONTROL (ACCORDING TO PART 3.1 TO 3.8 OF THE MPCA GENERAL PERMIT) OVER ALL AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED OR THE SITE HAS UNDERGONE FINAL STABILIZATION, AND A (N.O.T.) HAS BEEN SUBMITTED TO THE MPCA.
6. IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT MUST BE REMOVED IN A MANNER AND AT A FREQUENCY SUFFICIENT TO MINIMIZE OFF-SITE IMPACTS (E.G., FUGITIVE SEDIMENT IN STREETS COULD BE WASHED INTO STORM SEWERS BY THE NEXT RAIN AND/OR POSE A SAFETY HAZARD TO USERS OF PUBLIC STREETS).
7. ALL INFILTRATION AREAS MUST BE INSPECTED TO ENSURE THAT NO SEDIMENT FROM ONGOING CONSTRUCTION ACTIVITIES IS REACHING THE INFILTRATION AREA AND THESE AREAS ARE PROTECTED FROM COMPACTION DUE TO CONSTRUCTION EQUIPMENT DRIVING ACROSS THE INFILTRATION AREA.

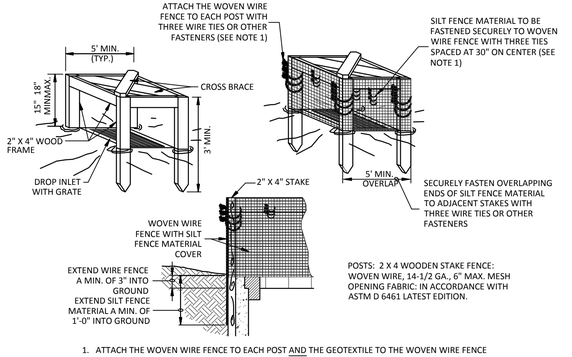
SEQUENCE OF CONSTRUCTION

PHASE I:

1. INSTALL STABILIZED CONSTRUCTION ENTRANCES.
2. PREPARE TEMPORARY PARKING AND STORAGE AREA.
3. CONSTRUCT THE SILT FENCES ON THE SITE.
4. INSTALL INLET PROTECTION DEVICES ON EXISTING STORM STRUCTURES, AS SHOWN ON THE PLAN.
5. CONSTRUCT THE SEDIMENTATION AND SEDIMENT TRAP BASINS, AS REQUIRED.
6. HALT ALL ACTIVITIES AND CONTACT THE CIVIL ENGINEERING CONSULTANT TO PERFORM INSPECTION OF BMPs. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.
7. CLEAR AND GRUB THE SITE.
8. BEGIN GRADING THE SITE.
9. START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.

PHASE II:

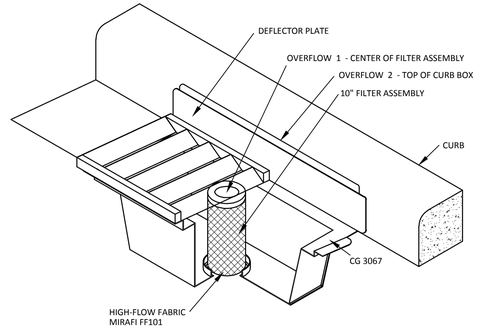
1. TEMPORARILY SEED DENUDED AREAS.
2. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
3. INSTALL RIP RAP AROUND OUTLET STRUCTURES.
4. INSTALL INLET PROTECTION AROUND ALL STORM SEWER STRUCTURES.
5. PREPARE SITE FOR PAVING.
6. PAVE SITE.
7. INSTALL INLET PROTECTION DEVICES.
8. COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING.
9. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (ONLY IF SITE IS STABILIZED), IF REQUIRED BY THE CONTRACT.



POSTS: 2 X 4 WOODEN STAKE FENCE: WOVEN WIRE, 14-1/2 GA., 6" MAX. MESH OPENING FABRIC: IN ACCORDANCE WITH ASTM D 6461 LATEST EDITION.

1. ATTACH THE WOVEN WIRE FENCE TO EACH POST AND THE GEOTEXTILE TO THE WOVEN WIRE FENCE (SPACED EVERY 30") WITH THREE WIRE TIES OR OTHER FASTENERS, ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45 DEGREES THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART.
2. WHEN TWO SECTIONS OF SILT FENCE MATERIAL ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED ACROSS TWO POSTS.
3. MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE SWPPP. DEPTH OF ACCUMULATED SEDIMENTS MAY NOT EXCEED ONE-HALF THE HEIGHT OF THE FABRIC. MAINTENANCE CLEANOUT MUST BE CONDUCTED REGULARLY TO PREVENT ACCUMULATED SEDIMENTS FROM REACHING ONE-HALF THE HEIGHT OF THE SILT FENCE MATERIAL ABOVE GRADE.
4. ALL SILT FENCE INLETS SHALL INCLUDE WIRE SUPPORT.

SILT FENCE INLET PROTECTION (IP-1)
NOT TO SCALE



ROAD DRAIN CASTING APPLICABILTY

- NEENAH R-3067
- NEENAH R-3512

ROAD DRAIN INLET PROTECTION (IP-2)
NOT TO SCALE

DEVELOPER/OWNER: XXXXXXX XXXXXXX XXXXXXXX XXX-XXX-XXXX
SITE OPERATOR / GENERAL CONTRACTOR
SUPERINTENDENT:

Sambatek
www.sambatek.com
12800 Whitewater Drive, Suite 300
Minnetonka, MN 55343
763.476.6010 telephone
763.476.8532 facsimile
Engineering | Surveying | Planning | Environmental

Client
OPPIDAN

400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed professional ENGINEER under the laws of the state of Minnesota.

PRELIMINARY

Brady D. Busselman
Registration No. 47579 Date: 12/01/2020

If applicable, contact us for a wet signed copy of this plan which is available upon request at Sambatek's, Minnetonka, MN office.

Summary

Designed: AKF Drawn: JGP
Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

Revision History

No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
EROSION CONTROL PLANS NOTES & DETAILS

Sheet No. Revision
C5.03

Project No. 20637.11

Feb 01, 2021 - 2:27pm - User:afeldberg L:\PROJECTS\20637.11\CAD\Civil\Sheets\20637.11-C5-EROS.dwg

SECTION 1: SITE EVALUATION, ASSESSMENT, AND PLANNING

1.1 PROJECT/SITE INFORMATION

CHASKA CREEK INDUSTRIAL
OUTLOT A, CHASKA CREEK CENTER 2ND ADDITION
OUTLOT E, CHASKA CREEK CENTER
CITY: CHASKA
STATE: MN
ZIP CODE: 55318
COUNTY: CARVER

THIS SWPPP ADDRESSES THE STORMWATER MANAGEMENT FOR THE CONSTRUCTION OF TWO INDUSTRIAL BUILDINGS, AS WELL AS, SURROUNDING DETENTION AND BIOFILTRATION PONDS. CHASKA CREEK INDUSTRIAL LOCATED SOUTH OF ENGLER BLVD ALONG CHASKA CREEK BLVD.

NPDES PERMIT NUMBER:_____

1.2 CONTACT INFORMATION/RESPONSIBLE PARTIES

COMPANY/ORGANIZATION NAME: OPPIDAN
CONTACT NAME: JAY MOORE
ADDRESS: 400 WATER STREET, SUITE 200
CITY, STATE, ZIP CODE: EXCELSIOR, MN 55331
TELEPHONE NUMBER: 952-294-1246
FAX/EMAIL: JAY@OPPIDAN.COM

GENERAL CONTRACTOR (TO BE COMPLETED BY GENERAL CONTRACTOR):

COMPANY/ORGANIZATION NAME:
CONTACT NAME:
ADDRESS:
CITY, STATE, ZIP CODE: EXCELSIOR, MN 55331
TELEPHONE NUMBER:
FAX/EMAIL:
INSERT AREA OF CONTROL (IF MORE THAN ONE OPERATOR AT SITE):

THE GENERAL CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE MINNESOTA GENERAL PERMIT AUTHORIZATION TO DISCHARGE STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM/STATE DISPOSAL SYSTEM PERMIT PROGRAM (GENERAL PERMIT). THE GENERAL CONTRACTOR MUST COMPLY WITH ANY LOCAL GOVERNING AGENCY (LGU) HAVING JURISDICTION CONCERNING EROSION AND SEDIMENT CONTROL. THE GENERAL CONTRACTOR SHALL BE REQUIRED TO BE A CO-APPLICANT WITH THE OWNER. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE EROSION AND SEDIMENT CONTROL DEVICES.

THE "APPLICATION FOR GENERAL STORM-WATER PERMIT FOR CONSTRUCTION ACTIVITY (MN R100001)" SHALL BE COMPLETED BY THE GENERAL CONTRACTOR AND SUBMITTED ONLINE, ALONG WITH THE REQUIRED APPLICATION FEE, THROUGH THE MPCA'S WEBSITE.

UNLESS NOTIFIED BY THE MINNESOTA POLLUTION CONTROL AGENCY (MPCA) TO THE CONTRARY, APPLICANTS WHO SUBMIT A COMPLETE APPLICATION FORM IN ACCORDANCE WITH THE REQUIREMENTS OF THE GENERAL PERMIT ARE AUTHORIZED TO DISCHARGE STORM WATER FROM THE CONSTRUCTION SITE UNDER THE TERMS AND CONDITIONS OF THIS PERMIT SEVEN (7) CALENDAR DAYS THE ONLINE APPLICATION PROCESS IS COMPLETE(HTTPS://NETWEB.PCA.STATE.MN.US/PRIVATE/).

(NOTE: ALL PROJECTS UNDER 50 ACRES MUST SUBMIT THE PERMIT APPLICATION USING THE ONLINE PROCESS. MAILED APPLICATIONS ARE ONLY ACCEPTED FOR PROJECTS THAT DISTURB 50 OR MORE ACRES, AND HAVE A DISCHARGE POINT WITHIN 1 MILE OF A PROTECTED WATER.)

ADDITIONALLY, AUTHORIZATION WILL BE DELAYED UNDER THE FOLLOWING CIRCUMSTANCES:

- IF THE PROJECT DISTURBS 50 ACRES OR MORE AND HAS A DISCHARGE POINT WITHIN 1 MILE AND FLOWS TO AN IMPAIRED OR SPECIAL WATER WHOSE DISCHARGE MAY REACH AN IMPAIRED OR SPECIAL WATER LISTED IN SECTION 23 OF THE GENERAL PERMIT THE APPLICANT SHALL SUBMIT THE STORM WATER POLLUTION PREVENTION PLAN AND A COMPLETED APPLICATION AT LEAST 30 CALENDAR DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES. UNLESS NOTIFIED BY THE MPCA TO THE CONTRARY, COVERAGE BECOMES EFFECTIVE 30 CALENDAR DAYS AFTER THE POSTMARKED DATE OF THE COMPLETED APPLICATION.
- IF THE PROJECT INCLUDES ALTERNATIVE METHODS THE APPLICATION AND TWO ALTERNATIVE TREATMENT PLANS MUST BE SUBMITTED A MINIMUM OF 90 DAY BEFORE CONSTRUCTION STARTS.

EROSION & SEDIMENT CONTROL SUBCONTRACTOR (RESPONSIBLE FOR IMPLEMENTING & UPDATING SWPPP - TO BE COMPLETED BY CONTRACTOR):

COMPANY/ORGANIZATION NAME:
CONTACT NAME:
ADDRESS:
CITY, STATE, ZIP CODE:
TELEPHONE NUMBER:
FAX/EMAIL:

EROSION & SEDIMENT CONTROL INSPECTOR (SEE PART 6.1 OF THIS SWPPP FOR MORE INFORMATION ON INSPECTION RESPONSIBILITIES- TO BE COMPLETED BY CONTRACTOR):

COMPANY/ORGANIZATION NAME:
CONTACT NAME:
ADDRESS:
CITY, STATE, ZIP CODE:
TELEPHONE NUMBER:
FAX/EMAIL:

GROUND DISTURBING SUBCONTRACTOR(S):

COMPANY/ORGANIZATION NAME:
CONTACT NAME:
ADDRESS:
CITY, STATE, ZIP CODE:
TELEPHONE NUMBER:
FAX/EMAIL:

THE GENERAL CONTRACTOR SHALL PROVIDE A CHAIN OF RESPONSIBILITY WITH ALL OPERATORS ON THE SITE TO ENSURE THAT THE SWPPP WILL BE IMPLEMENTED AND STAY IN EFFECT UNTIL THE CONSTRUCTION PROJECT IS COMPLETE AND THE NOT SUBMITTED.

THIS SWPPP WAS PREPARED BY:

COMPANY/ORGANIZATION NAME: SAMBATEK, INC.
CONTACT NAME: AARON FELDBERG
ADDRESS: 12800 WHITEWATER DRIVE, SUITE 300
CITY, STATE, ZIP CODE: MINNETONKA, MN 55343
TELEPHONE NUMBER: 763-476-6010
FAX/EMAIL: AFELDBERG@SAMBATEK.COM

SWPPP DESIGNER CERTIFICATION CARD:

UNIVERSITY OF MINNESOTA

Aaron Feldberg

Design of Construction SWPPP (May 31 2023)

1.3 NATURE OF CONSTRUCTION ACTIVITY

NATURE OF CONSTRUCTION:

THIS SWPPP HAS BEEN PREPARED FOR MAJOR ACTIVITIES ASSOCIATED WITH CONSTRUCTION OF TWO INDUSTRIAL BUILDINGS ALONG WITH SURROUNDING DETENTION AND BIOFILTRATION PONDS SOUTH OF ENGLER BLVD ALONG CHASKA CREEK BLVD IN CHASKA, MINNESOTA. SITE LIGHTING, LANDSCAPING, AND UTILITY WORK WILL ALSO BE PERFORMED.

ANTICIPATED APPROXIMATE TIMELINES:

ESTIMATED PROJECT START DATE: XX/XX/XX
ESTIMATED PROJECT COMPLETION DATE: XX/XX/XX

1.4 SOILS, SLOPES, VEGETATION, AND CURRENT DRAINAGE PATTERNS

SOIL TYPE(S):

BASED UPON THE SOIL BORINGS CONDUCTED BY BRAUN INTERTEC, THE SOILS THE LOCAL SUBGRADE CONDITIONS INCLUDE ORGANIC CLAYS (TOPSOIL), CLAYEY SAND, LEAN CLAY, POORLY GRADED SAND WITH SILT, SANDY LEAN CLAY, AND SILTY SAND. GROUND WATER WAS OBSERVED AT VARIOUS DEPTHS BETWEEN 9-20'.

SLOPES:

EXISTING SLOPES ON SITE VARY. SLOPES RANGE FROM 1.5% UP TO 15%. THE PROPOSED SLOPES IN PAVEMENT AREAS ARE UP TO 3.5% AND UP TO 33.3% IN GREEN SPACE.

DRAINAGE PATTERNS:

UNDER EXISTING CONDITIONS, RUNOFF DRAINS TO CHASKA CREEK THAT RUNS IN-BETWEEN THE TWO INDUSTRIAL BUILDING LOTS.

VEGETATION:

PROPOSED DEVELOPMENT WILL REQUIRE CLEARING AND GRUBBING OF THE EXISTING VEGETATION DUE TO ALTERING GRADES.

RAINFALL INFORMATION:

RAINFALL INFORMATION - THE AVERAGE TOTAL ANNUAL PRECIPITATION IS ABOUT 28.32 INCHES. OF THIS ABOUT 17.31 INCHES, OR 61 PERCENT, USUALLY FALLS IN MAY THROUGH SEPTEMBER. THE AVERAGE ANNUAL SNOWFALL IS 57.3 INCHES.

1.5 CONSTRUCTION SITE ESTIMATES

PROJECT AREA SUMMARY:

TOTAL PROJECT AREA: ?? ACRES
CONSTRUCTION SITE AREA TO BE DISTURBED: 28.56 ACRES

IMPERVIOUS AREAS:

IMPERVIOUS AREA BEFORE CONSTRUCTION (ACRES): 0.00
IMPERVIOUS AREA AFTER CONSTRUCTION (ACRES): 15.5

1.6 RECEIVING WATERS

CONSTRUCTION PHASE STORM WATER SYSTEM DESCRIPTION:

STORMWATER RUNOFF WILL BE CAPTURED AND ROUTED TO EITHER AN UNDERGROUND SYSTEM OR A SURROUNDING DETENTION POND. WHEN RUNOFF EXCEEDS THE NWL IN THE PONDS, IT IS THE ROUTED TO A BIOFILTRATION BASIN WHICH IS THEN ROUTED TO CHASKA CREEK.

DESCRIPTION OF RECEIVING WATERS:

THE PROJECT DRAINS INTO CHASKA CREEK, WHICH A MINNESOTA IMPAIRED WATER. RUNOFF WILL BE ROUTED TO DETENTION PONDS, UNDERGROUND SYSTEMS, AND BIOFILTRATION BASINS BEFORE BEING DISCHARGED INTO THE CREEK.

1.7 SITE FEATURES AND SENSITIVE AREAS TO BE PROTECTED

THERE ARE NO KNOWN SENSITIVE AREAS ON OR NEAR THE CONSTRUCTION SITE.

1.8 POTENTIAL SOURCES OF POLLUTION

POTENTIAL SOURCES OF SEDIMENT AND OTHER POLLUTANTS TO STORMWATER RUNOFF:

CONSTRUCTION PHASE POLLUTANT SOURCES ANTICIPATED AT THE SITE ARE DISTURBED (BARE) SOIL, VEHICLE FUELS AND LUBRICANTS, CHEMICALS ASSOCIATED WITH BUILDING CONSTRUCTION, AND BUILDING MATERIALS. WITHOUT ADEQUATE CONTROL THERE IS THE POTENTIAL FOR EACH TYPE OF POLLUTANT TO BE TRANSPORTED BY STORM WATER.

1.9 ENDANGERED/THREATENED SPECIES

NO KNOWN THREATENED OR ENDANGERED SPECIES ARE PRESENT ON SITE.

1.10 HISTORIC PRESERVATION

THERE ARE NO KNOWN HISTORIC SITES ON OR NEAR THE CONSTRUCTION SITE.

1.11 APPLICABLE FEDERAL, TRIBAL, STATE OR LOCAL PROGRAMS

LOCAL GOVERNING UNIT (LGU) REQUIREMENTS:

THE LGU FOR STORMWATER MANAGEMENT IS THE CARVER COUNTY WATERSHED MANAGEMENT ORGANIZATION (CCWMO). CCWMO REQUIRES RATE CONTROL, WATER QUALITY CONTROL, AND VOLUME REDUCTION. THESE REGULATIONS HAVE BEEN MET BY THE DESIGNED SYSTEMS.

1.12 MITIGATION MEASURES FROM ENVIRONMENTAL REVIEWS/TMDLS/IMPAIRED WATERS

1.13 MAPS

EROSION AND SEDIMENT CONTROL PLANS:

THE FOLLOWING SITE DEVELOPMENT PLAN SHEETS ARE AN INTEGRAL PART OF THIS SWPPP:

C-5.01 - PHASE I EROSION AND SEDIMENTATION CONTROL PLAN/"SITE MAP"
C-5.02 - PHASE II EROSION AND SEDIMENTATION CONTROL PLAN/"SITE MAP"
C-5.03 - EROSION AND SEDIMENTATION CONTROL NOTES & DETAILS
C-5.04 - SWPPP NARRATIVE
C-5.05 - SWPPP NARRATIVE

SECTION 2: EROSION AND SEDIMENT CONTROL BMPS

EROSION CONTROL BMPS:

THE PURPOSE OF EROSION CONTROL IS TO PREVENT SOIL PARTICLES FROM BECOMING SUSPENDED IN WATER AND BEING TRANSPORTED TO EITHER DOWNSTREAM SURFACE WATERS OR DOWNSTREAM PROPERTIES.

APPROPRIATE CONSTRUCTION PHASING, VEGETATIVE BUFFER STRIPS, HORIZONTAL SLOPE GRADING, AND OTHER CONSTRUCTION PRACTICES THAT MINIMIZE EROSION MUST BE PLANNED FOR AND IMPLEMENTED.

IN THE NATURAL CONDITION, SOIL IS STABILIZED BY NATIVE VEGETATION. THE PRIMARY TECHNIQUE TO BE USED AT THIS PROJECT FOR FINAL STABILIZATION OF SITE SOIL WILL BE TO PROVIDE A PROTECTIVE COVER OF VEGETATION, PAVEMENT, OR BUILDING.

ALL EXPOSED AREAS MUST BE STABILIZED AS SOON AS POSSIBLE (BUT NO LATER THAN THE NEXT WORK DAY) TO LIMIT SOIL EROSION, BUT IN NO CASE LATER THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. TEMPORARY SOIL STOCKPILES WITHOUT SIGNIFICANT SILT, CLAY OR ORGANIC COMPONENTS (E.G. CLEAN AGGREGATED STOCKPILES, DEMOLITION CONCRETE STOCKPILES, SAND STOCKPILES) AND THE CONSTRUCTED BASE COMPONENTS OF ROADS, PARKING LOTS AND SIMILAR SURFACES ARE EXEMPT FROM THIS REQUIREMENT, BUT MUST COMPLY WITH SECTION 2.7 OF THIS SWPPP (SECTION 8.4, 9.9, 9.10, AND 23.9 OF THE GENERAL PERMIT).

SEDIMENT CONTROL BMPS:

THE PURPOSE OF SEDIMENT CONTROL IS TO PREVENT SOIL PARTICLES THAT HAVE BEEN SUSPENDED IN WATER FROM ENTERING SURFACE WATERS, INCLUDING CURB AND GUTTER SYSTEMS AND STORM SEWER INLETS. SEDIMENT CONTROL BMPS HAVE BEEN DESIGNED AS PART OF THIS SWPPP.

IF THE DOWN GRADIENT TREATMENT SYSTEM IS OVERLOADED, THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING ADDITIONAL UP GRADIENT SEDIMENT CONTROL PRACTICES OR REDUNDANT BMPS TO ELIMINATE THE OVERLOADING AND MUST AMEND THE SWPPP TO IDENTIFY THE ADDITIONAL PRACTICES.

SEDIMENT CONTROL PRACTICES MUST ALWAYS BE ESTABLISHED ON ALL DOWN GRADIENT PERIMETERS AND BE LOCATED UPGRADIENT OF ANY BUFFER ZONES. THE PERIMETER SEDIMENT CONTROL PRACTICES MUST BE IN PLACE BEFORE ANY UP GRADIENT LAND DISTURBING ACTIVITIES BEGIN. THESE PRACTICES MUST REMAIN IN PLACE UNTIL FINAL STABILIZATION IS ACHIEVED (SEE SECTION 8 OF THIS SWPPP).

THE TIMING OF THE INSTALLATION OF SEDIMENT CONTROL PRACTICES MAY BE ADJUSTED TO ACCOMMODATE SHORT-TERM ACTIVITIES SUCH AS CLEARING OR GRUBBING, OR PASSAGE OF VEHICLES. ANY SHORT TERM ACTIVITY MUST BE COMPLETED AS QUICKLY AS POSSIBLE AND THE SEDIMENT CONTROL PRACTICES MUST BE RE-INSTALLED IMMEDIATELY AFTER THE ACTIVITY IS COMPLETED. SEDIMENT CONTROL PRACTICES MUST BE INSTALLED BEFORE THE NEXT RAIN EVENT EVEN IF THE ACTIVITY IS NOT COMPLETE.

2.1 MINIMIZE DISTURBED AREA AND PROTECT NATURAL FEATURES AND SOIL

PHASING OF GROUND DISTURBANCE SHALL BE IN ACCORDANCE WITH THE FINAL GRADING AND EROSION CONTROL PLANS.

2.2 PRESERVE 50 FOOT NATURAL BUFFER

THE CONTRACTOR MUST PRESERVE A 50 FOOT NATURAL BUFFER WHEN A SURFACE WATER IS LOCATED WITHIN 50 FEET OF THE PROJECTS EARTH DISTURBANCES AND STORMWATER FLOWS TO THE SURFACE WATER. THE CONTRACTOR IS NOT REQUIRED TO ENHANCE THE QUALITY OF THE VEGETATION THAT ALREADY EXISTS IN THE BUFFER OR PROVIDE VEGETATION IF NONE EXISTS.

2.3 CONTROL STORMWATER FLOWING ONTO AND THROUGH THE PROJECT

MEASURES SHOULD BE TAKEN TO ENSURE THAT "CLEAN" RUNOFF FROM OFF SITE IS DIVERTED AROUND DISTURBED AREAS ON SITE. CARE SHOULD BE TAKEN THAT RE-ROUTING OFF SITE RUNOFF DOES NOT RESULT IN FLOODING OR OTHER ISSUES ON ADJACENT PROPERTIES.

BMP DESCRIPTION: TEMPORARY DIVERSION DITCH

INSTALLATION SCHEDULE: INSTALL TEMPORARY DIVERSION DITCHES AS SHOWN ON THE SWPPP PLAN SHEETS, AND AS NEEDED THROUGHOUT CONSTRUCTION, PRIOR TO UP GRADIENT GROUND DISTURBING ACTIVITIES

MAINTENANCE AND INSPECTION REQUIREMENTS: THE WETTED PERIMETER OF ANY TEMPORARY OR PERMANENT DRAINAGE DITCH MUST BE STABILIZED WITHIN 200 LINEAL FEET FROM THE PROPERTY EDGE OR FROM THE POINT OF DISCHARGE INTO ANY SURFACE WATER. THIS STABILIZATION MUST BE COMPLETED WITHIN 24 HOURS OF CONNECTING TO A SURFACE WATER. THE REMAINDER OF THE DITCH MUST BE STABILIZED WITHIN 7 DAYS OF CONNECTING TO A SURFACE WATER AND AFTER CONSTRUCTION HAS CEASED.

TEMPORARY OR PERMANENT DITCHES THAT ARE BEING USED AS A SEDIMENT CONTAINMENT SYSTEM DO NOT NEED TO BE STABILIZED, BUT MUST BE STABILIZED WITHIN 24 HOURS AFTER NO LONGER BEING USED AS A SEDIMENT CONTAINMENT SYSTEM.

DITCHES MUST BE INSPECTED EVERY 7 DAYS, AND WITHIN 24 HOURS AFTER A 0.5" 24-HOUR RAIN EVENT. ANY SEDIMENT DEPOSITED IN DIVERSION DITCHES MUST BE REMOVED AND ANY EXPOSED SOILS STABILIZED WITHIN 7 DAYS OF DISCOVERY UNLESS PRECLUDED BY LEGAL, REGULATORY, OR PHYSICAL ACCESS CONSTRAINTS. IF PRECLUDED, NOTE REASON FOR DELAY ON MAINTENANCE LOG.

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

BMP DESCRIPTION: (ADD BMPS OR DELETE THIS SECTION)

INSTALLATION SCHEDULE:

MAINTENANCE AND INSPECTION REQUIREMENTS:

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

2.4 STABILIZE SOILS

1. **TEMPORARY SEEDING** - DISTURBED AREAS THAT ARE NOT YET AT FINAL GRADE BUT THAT WILL NOT BE ACTIVELY WORKED FOR 7 DAYS OR MORE MUST BE TEMPORARILY STABILIZED. TEMPORARY STABILIZATION MUST BE INITIATED IMMEDIATELY WHERE WORK HAS TEMPORARILY CEASED AND MUST BE COMPLETED NO LATER THAN 7 CALENDAR DAYS AFTER WORK IN THAT PORTION OF THE SITE HAS TEMPORARILY CEASED. TEMPORARY SEEDING SHALL BE IN ACCORDANCE WITH MN/DOT SEED MIXTURE NUMBER 21-111 OR 21-112 DEPENDING ON THE SEASON OF PLANTING (SEE MN/DOT SPECIFICATION SECTION 2575.3) SEEDING METHOD AND APPLICATION RATE SHALL CONFORM TO MN/DOT SPECIFICATION SECTION 2575.3. TEMPORARY MULCH SHALL BE APPLIED IN ACCORDANCE WITH MN/DOT SPECIFICATION SECTION 2575.3C. ALTERNATIVELY, HYDRAULIC SOIL STABILIZER IN ACCORDANCE WITH MN/DOT SPECIFICATION SECTION 2575.3E MAY BE USED IN PLACE OF TEMPORARY MULCH.

2. **PERMANENT STABILIZATION** - ALL AREAS AT FINAL GRADE MUST BE STABILIZED WITHIN 7 DAYS AFTER COMPLETION OF THE MAJOR CONSTRUCTION ACTIVITY. PERMANENT STABILIZATION MUST BE INITIATED IMMEDIATELY WERE WORK HAS PERMANENTLY CEASED AND MUST BE COMPLETED NO LATER THAN 7 CALENDAR DAYS AFTER CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS PERMANENTLY CEASED. SEEDED AREAS SHALL BE PROTECTED WITH MULCH. PERMANENT MULCH SHALL CONFORM TO MN/DOT SPECIFICATION 3882, TYPE 3 AT 2 TONS/ACRE AND SHALL BE DISK ANCHORED. HYDRAULIC SOIL STABILIZER MAY BE USED IN PLACE OF MULCH IF APPROVED BY CIVIL ENGINEER. IF HYDRAULIC SOIL STABILIZER IS USED, IT SHALL BE MN/DOT TYPE 6. (DESCRIBE THE PERMANENT STABILIZATION).

BMP DESCRIPTION: (ADD BMPS OR DELETE THIS SECTION)

INSTALLATION SCHEDULE:

MAINTENANCE AND INSPECTION REQUIREMENTS:

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

2.5 PROTECT SLOPES

STEEP SLOPE AREAS - THE CONTRACTOR MUST MINIMIZE THE NEED FOR DISTURBANCE OF PORTIONS OF THE PROJECT THAT HAVE STEEP SLOPES (3:1 OR STEEPER). FOR THOSE SLOPED AREAS WHICH MUST BE DISTURBED, THE CONTRACTOR MUST USE TECHNIQUES SUCH AS PHASING AND STABILIZATION PRACTICES DESIGNED FOR STEEP SLOPES, SUCH AS DRAINING AND TERRACING. SLOPES STEEPER THAN 3:1 MUST BE PROTECTED BY EROSION CONTROL BLANKETS.

BMP DESCRIPTION: EROSION CONTROL BLANKET

INSTALLATION SCHEDULE: INSTALL EROSION CONTROL BLANKETS AS SHOWN ON THE SWPPP PLAN SHEETS, AND AS NEEDED THROUGHOUT CONSTRUCTION, WITHIN THE TIMEFRAME ALLOWED FOR STABILIZATION AFTER WORK HAS CEASED IN AN AREA, DEPENDING ON THE LOCATION (I.E. 24 HOURS, 7 DAYS, 14 DAYS)

MAINTENANCE AND INSPECTION REQUIREMENTS: TO FUNCTION PROPERLY, EROSION CONTROL BLANKETS MUST BE IN CONTACT WITH THE SOIL BENEATH THE BLANKET. BLANKETS MUST BE SECURED PER THE CONSTRUCTION DETAIL PROVIDED WITH THE SWPPP PLAN SHEETS.

INSPECT BLANKETS EVERY 7 DAYS OR WITHIN 24 HOURS AFTER A 0.5" 24-HOUR RAIN EVENT. REPAIR, REPLACE, OR SUPPLEMENT NON-FUNCTIONAL BLANKETS WITHIN 3 DAYS OR BY THE NEXT RAIN EVENT, WHICHEVER COMES FIRST.

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

BMP DESCRIPTION: (ADD BMPS OR DELETE THIS SECTION)

INSTALLATION SCHEDULE:

MAINTENANCE AND INSPECTION REQUIREMENTS:

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

2.6 PROTECT STORM DRAIN INLETS

ALL STORM DRAIN INLETS MUST BE PROTECTED BY APPROPRIATE MEANS DURING CONSTRUCTION UNTIL ALL SOURCES WITH POTENTIAL FOR DISCHARGING TO THE INLET HAVE BEEN STABILIZED. INLET PROTECTION MAY BE REMOVED FOR A PARTICULAR INLET IF A SPECIFIC SAFETY CONCERN (STREET FLOODING/FREEZING) HAS BEEN IDENTIFIED AND PERMITTEE(S) HAVE RECEIVED WRITTEN CORRESPONDENCE FROM THE JURISDICTIONAL AUTHORITY (E.G. CITY/COUNTY/TOWNSHIP/MNDOT/ETC.) VERIFYING THE NEED FOR REMOVAL. THE WRITTEN CORRESPONDENCE MUST BE DOCUMENTED IN THIS SWPPP.

BMP DESCRIPTION: SILT FENCE INLET PROTECTION

INSTALLATION SCHEDULE: INSTALL INLET PROTECTION IN EXISTING STRUCTURES AS DIRECTED ON THE SWPPP PLAN SHEETS, AND AS NEEDED THROUGHOUT CONSTRUCTION, PRIOR TO BEGINNING GROUND DISTURBING ACTIVITIES UP GRADIENT OF THE INLET. INSTALL INLET PROTECTION ON NEW STRUCTURES AS SOON AS THE STRUCTURES ARE PUT INTO USE.

MAINTENANCE AND INSPECTION REQUIREMENTS: INSPECT SILT FENCE EVERY 7 DAYS OR WITHIN 24 HOURS AFTER A 0.5" 24-HOUR RAIN EVENT. SEDIMENT ACCUMULATIONS SHOULD BE REMOVED WHEN SEDIMENT BUILD-UP REACHES 1/2 THE HEIGHT OF THE SILT FENCE. THIS MAINTENANCE MUST BE COMPLETED WITHIN 24 HOURS OF DISCOVERY.

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

BMP DESCRIPTION: INLET PROTECTION (INLET INSERT DEVICE)

INSTALLATION SCHEDULE: INSTALL INLET PROTECTION IN EXISTING STRUCTURES AS DIRECTED ON THE SWPPP PLAN SHEETS, AND AS NEEDED THROUGHOUT CONSTRUCTION, PRIOR TO BEGINNING GROUND DISTURBING ACTIVITIES UP GRADIENT OF THE INLET. INSTALL INLET PROTECTION ON NEW STRUCTURES AS SOON AS THE STRUCTURES ARE PUT INTO USE.

MAINTENANCE AND INSPECTION REQUIREMENTS: INSPECT INLET PROTECTION EVERY 7 DAYS OR WITHIN 24 HOURS AFTER A 0.5" 24-HOUR RAIN EVENT. SEDIMENT ACCUMULATIONS SHOULD BE REMOVED WHEN SEDIMENT BUILD-UP REACHES 1/2 THE CAPACITY OF THE DEVICE, OR, IF MORE STRINGENT, IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. THIS MAINTENANCE MUST BE COMPLETED WITHIN 24 HOURS OF DISCOVERY.

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

BMP DESCRIPTION: (ADD BMPS OR DELETE THIS SECTION)

INSTALLATION SCHEDULE:

MAINTENANCE AND INSPECTION REQUIREMENTS:

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

2.7 ESTABLISH PERIMETER CONTROLS AND SEDIMENT BARRIERS

ALL STRUCTURAL SEDIMENT CONTROLS INTENDED TO RECEIVE AND TREAT CONSTRUCTION RUNOFF MUST BE IN PLACE BEFORE ANY UP GRADIENT LAND ALTERATION CAN BEGIN AND MUST STAY IN OPERATION UNTIL FINAL STABILIZATION OF THE SITE HAS BEEN ACHIEVED.

TEMPORARY SOIL STOCKPILES MUST HAVE SILT FENCE OR OTHER EFFECTIVE SEDIMENT CONTROLS, AND CANNOT BE PLACED IN ANY NATURAL BUFFERS OR SURFACE WATERS, INCLUDING STORMWATER CONVEYANCES SUCH AS CURB AND GUTTER SYSTEMS, OR CONDUITS AND DITCHES UNLESS THERE IS A BYPASS IN PLACE FOR THE STORMWATER.

BMP DESCRIPTION: SILT FENCE

INSTALLATION SCHEDULE: INSTALL SILT FENCE AS DIRECTED ON THE SWPPP PLAN SHEETS, AND AS NEEDED THROUGHOUT CONSTRUCTION, PRIOR TO COMMENCING UP GRADIENT LAND DISTURBING ACTIVITIES.

MAINTENANCE AND INSPECTION REQUIREMENTS: INSPECT SILT FENCE EVERY 7 DAYS OR WITHIN 24 HOURS AFTER A 0.5" 24-HOUR RAIN EVENT. SEDIMENT ACCUMULATIONS SHOULD BE REMOVED WHEN SEDIMENT BUILD-UP REACHES 1/2 THE HEIGHT OF THE SILT FENCE. THIS MAINTENANCE MUST BE COMPLETED WITHIN 24 HOURS OF DISCOVERY.

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

BMP DESCRIPTION: BIOLOGS

INSTALLATION SCHEDULE: INSTALL BIOLOGS AS DIRECTED ON THE SWPPP PLAN SHEETS, AND AS NEEDED THROUGHOUT CONSTRUCTION, PRIOR TO COMMENCING UP GRADIENT LAND DISTURBING ACTIVITIES.

MAINTENANCE AND INSPECTION REQUIREMENTS: INSPECT BIOLOGS EVERY 7 DAYS OR WITHIN 24 HOURS AFTER A 0.5" 24-HOUR RAIN EVENT. SEDIMENT ACCUMULATIONS SHOULD BE REMOVED WHEN SEDIMENT BUILD-UP REACHES 1/2 THE HEIGHT OF THE BIOLOG. THIS MAINTENANCE MUST BE COMPLETED WITHIN 24 HOURS OF DISCOVERY.

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

BMP DESCRIPTION: (ADD BMPS OR DELETE THIS SECTION)

INSTALLATION SCHEDULE:

MAINTENANCE AND INSPECTION REQUIREMENTS:

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

2.8 RETAIN SEDIMENT ON-SITE

ANY OFF-SITE ACCUMULATIONS OF SEDIMENT MUST BE REMOVED IN A MANNER AND AT A FREQUENCY SUFFICIENT TO MINIMIZE OFF-SITE IMPACT (E.G. FUGITIVE SEDIMENT IN STREETS COULD BE WASHED INTO STORM SEWERS BY THE NEXT RAIN AND/OR POSE A SAFETY HAZARD TO USERS OF PUBLIC STREETS.

[FILL OUT THE FOLLOWING IF SEDIMENTATION BASINS AND SEDIMENT TRAPS ARE TO BE UTILIZED - REMINDER, TEMPORARY SEDIMENTATION BASINS ARE REQUIRED BY THE GENERAL PERMIT WHERE DISTURBED AREAS OF 10 ACRES OR MORE DRAIN TO A COMMON LOCATION (SECTION 14); FOR DISCHARGES TO SOME SPECIAL WATERS AND IMPAIRED WATERS, TEMPORARY SEDIMENTATION BASINS ARE REQUIRED WHERE DISTURBED AREAS OF 5 ACRES OR MORE DRAIN TO A COMMON LOCATION (SECTION 23.10) IF A TEMPORARY SEDIMENTATION BASIN IS REQUIRED BUT UNFEASIBLE, A NOT MUST BE ADDED TO THE DOCUMENT STATING SUCH.] TEMPORARY SEDIMENTATION BASINS AND SEDIMENT TRAPS ARE TO BE UTILIZED DURING CONSTRUCTION TO CAPTURE AND TREAT SEDIMENT LADEN RUN OFF. THE TEMPORARY SEDIMENTATION BASINS HAVE BEEN DESIGNED TO [RETAIN THE RUNOFF FROM A 2 YEAR, 24 HOUR STORM EVENT, EXCEPT THAT IN NO CASE SHALL THE BASIN PROVIDE LESS THAN 1,800 CUBIC FEET OF LIVE STORAGE] OR [PROVIDE 3,600 CUBIC FEET OF STORAGE BELOW THE OUTLET PIPE PER ACRE DRAINED TO THE BASIN]. THE OUTLET STRUCTURE MUST BE DESIGNED TO WITHDRAW WATER FROM THE SURFACE IN ACCORDANCE WITH SECTION 14.5 AND 14.6 OF THE GENERAL PERMIT. PERMITTEES MUST PROVIDE ENERGY DISSIPATION FOR THE BASIN OUTLET WITHIN 24 HOURS AFTER A CONNECTION TO A SURFACE WATER (SECTION 14.7 OF THE GENERAL PERMIT)(MODIFY TO BE IN ACCORDANCE WITH SECTION 23 OF THE PERMIT IF APPLICABLE)

BMP DESCRIPTION: TEMPORARY SEDIMENTATION BASIN

INSTALLATION SCHEDULE: INSTALL TEMPORARY SEDIMENTATION BASIN PRIOR TO BEGINNING UPSLOPE LAND DISTURBING ACTIVITIES. IF THIS IS NOT POSSIBLE DUE TO EXISTING TOPOGRAPHY, LIMIT DISTURBANCE TO ONLY THOSE AREAS NECESSARY TO INSTALL TEMPORARY SEDIMENTATION BASIN.

MAINTENANCE AND INSPECTION REQUIREMENTS: INSPECT TEMPORARY SEDIMENTATION BASINS EVERY 7 DAYS OR WITHIN 24 HOURS AFTER A 0.5" 24-HOUR RAIN EVENT. TEMPORARY AND PERMANENT SEDIMENTATION BASINS MUST BE DRAINED AND THE SEDIMENT REMOVED WHEN THE VOLUME OF SEDIMENT COLLECTED IN THE BASIN REACHES ½ THE STORAGE VOLUME. THIS MAINTENANCE MUST BE COMPLETED WITHIN 72 HOURS OF DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS. IF CONDITIONS DO NOT ALLOW MAINTENANCE TO BE PERFORMED WITHIN 72 HOURS, DOCUMENT THE CAUSE OF DELAY ON THE MAINTENANCE FORM. REFER TO SECTION 3.1 OF THIS SWPPP FOR BASIN DRAINING GUIDELINES.

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

BMP DESCRIPTION: (ADD BMPS OR DELETE THIS SECTION)

INSTALLATION SCHEDULE:

MAINTENANCE AND INSPECTION REQUIREMENTS:

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

2.9 ESTABLISH VEHICLE TRACKING PADS

VEHICLE TRACKING PADS HAVE BEEN DESIGNED TO PREVENT SEDIMENT TRACK OFF. IF THERE IS EVIDENCE OF SEDIMENT TRACKING FROM VEHICLES IN PAVED AREAS, THE SEDIMENT MUST BE REMOVED BY STREET SWEEPING OR OTHER METHOD AS SOON AS FEASIBLY POSSIBLE, BUT

2.10 CONTROL STORMWATER DISCHARGE POINTS

1. PIPE OR OTHER TEMPORARY OR PERMANENT OUTLETS MUST BE STABILIZED WITH TEMPORARY OR PERMANENT ENERGY DISSIPATION WITHIN 24 HOURS AFTER CONNECTION TO A SURFACE WATER.
2. STABILIZE THE NORMAL WETTED PERIMETER OF A DRAINAGE DITCH OR SWALE WITHIN 200 FEET OF THE PROPERTY EDGE WITHIN 24 HOURS OF CONNECTION TO A SURFACE WATER. THE REMAINDER OF THE DITCH MUST BE STABILIZED WITHIN 7 CALENDAR DAYS OF CONNECTION.

BMP DESCRIPTION: RIPRAP

INSTALLATION SCHEDULE: INSTALL RIPRAP AS SHOWN ON SWPPP PLANS AND/OR GRADING PLANS. INSTALLATION MUST BE COMPLETED WITHIN 24 HOURS OF CONNECTING TO A SURFACE WATER.

MAINTENANCE AND INSPECTION REQUIREMENTS: INSPECT OUTLETS EVERY 7 DAYS OR WITHIN 24 HOURS AFTER A 0.5" 24-HOUR RAIN EVENT. REPAIR, REPLACE OR SUPPLEMENT NON-FUNCTIONING RIPRAP ENERGY DISSIPATION WITHIN 3 DAYS OR BY THE NEXT RAIN EVENT, WHICHEVER COMES FIRST. ANY OFF SITE ACCUMULATION OF SEDIMENT MUST BE REMOVED IN MANNER AND AT A FREQUENCY TO MINIMIZE OFF-SITE IMPACTS.

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

BMP DESCRIPTION: (ADD BMPS OR DELETE THIS SECTION)

INSTALLATION SCHEDULE:

MAINTENANCE AND INSPECTION REQUIREMENTS:

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

2.11 CHEMICAL EROSION AND SEDIMENT CONTROL BMPS

POLYMERS, FLOCCULANTS, OR OTHER SEDIMENTATION TREATMENT CHEMICALS MUST BE APPLIED AFTER CONVENTIONAL EROSION AND SEDIMENT CONTROL DEVICES ARE UTILIZED. CHEMICALS MAY ONLY BE APPLIED WHERE TREATED STORMWATER IS DIRECTED TO A SEDIMENT CONTROL SYSTEM WHICH ALLOWS FOR FILTRATION OR SETTLEMENT OF THE FLOC PRIOR TO DISCHARGE. CONSIDERATION MUST BE GIVEN WHEN SELECTING CHEMICALS TO THE EXPECTED SOIL TYPES TO BE EXPOSED DURING CONSTRUCTION, AND TO THE EXPECTED TURBIDITY, PH AND FLOW RATE OF STORMWATER FLOWING INTO THE CHEMICAL TREATMENT SYSTEM OR AREA. IF CHEMICALS ARE PART OF THE EROSION CONTROL PLAN, THEY MUST BE USED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES, AND WITH DOSING SPECIFICATION AND SEDIMENT REMOVAL DESIGN SPECIFICATIONS PROVIDED BY THE MANUFACTURER OR PROVIDER/SUPPLIER OF THE APPLICABLE CHEMICALS.

BMP DESCRIPTION: (ADD BMPS OR DELETE THIS SECTION)

INSTALLATION SCHEDULE:

MAINTENANCE AND INSPECTION REQUIREMENTS:

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

2.13 ADDITIONAL EROSION AND SEDIMENT CONTROL BMPS

(DESCRIBE ANY ADDITIONAL EROSION AND SEDIMENT CONTROL BMPS OR DELETE THIS SECTION)

BMP DESCRIPTION: (ADD BMPS OR DELETE THIS SECTION)

INSTALLATION SCHEDULE:

MAINTENANCE AND INSPECTION REQUIREMENTS:

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

SECTION 3: DEWATERING & BASIN DRAINING

3.1 DEWATERING AND BASIN DRAINING

ALLOWABLE NON-STORMWATER DISCHARGES, AS DEFINED BY THE GENERAL PERMIT, ARE LIMITED TO DEWATERING AND BASIN DRAINING. DEWATERING OR BASIN DRAINING THAT MAY HAVE TURBID OR SEDIMENT LADEN DISCHARGE WATER MUST BE DISCHARGED TO A TEMPORARY OR PERMANENT SEDIMENTATION BASIN ON THE PROJECT SITE WHENEVER POSSIBLE. IF THE WATER CANNOT BE DISCHARGED TO A SEDIMENTATION BASIN PRIOR TO ENTERING THE SURFACE WATER, IT MUST BE TREATED WITH THE APPROPRIATE BMPS, SUCH THAT THE DISCHARGE DOES NOT ADVERSELY AFFECT THE RECEIVING WATER OR DOWNSTREAM LANDOWNERS. THE CONTRACTOR MUST ENSURE THAT DISCHARGE POINTS ARE ADEQUATELY PROTECTED FROM EROSION AND SCOUR. THE DISCHARGE MUST BE DISPERSED OVER NATURAL ROCK RIPRAP, SAND BAGS, PLASTIC SHEETING OR OTHER ACCEPTED ENERGY DISSIPATION MEASURES. ADEQUATE SEDIMENTATION CONTROL MEASURES ARE REQUIRED FOR DISCHARGE WATER THAT CONTAINS SUSPENDED SOLIDS. ALL WATER FROM DEWATERING OR BASIN DRAINING MUST BE DISCHARGED IN A MANNER THAT DOES NOT CAUSE NUISANCE CONDITIONS, EROSION IN RECEIVING CHANNELS OR ON DOWNSLOPE PROPERTIES, OR INUNDATION IN WETLANDS CAUSING SIGNIFICANT ADVERSE IMPACT TO THE WETLAND. IF THE CONTRACTOR ELECTS TO UTILIZE FILTERS WITH BACKWASH WATER, THE CONTRACTOR MUST HAUL THE BACKWASH WATER AWAY FOR DISPOSAL, RETURN THE BACKWATER TO THE BEGINNING OF THE TREATMENT PROCESS, OR INCORPORATE THE BACKWASH WATER INTO THE SITE IN A MANNER THAT DOES NOT CAUSE EROSION. THE CONTRACTOR MUST REPLACE AND CLEAN THE FILTER MEDIA USED IN DEWATERING DEVICES WHEN REQUIRED TO RETAIN ADEQUATE FUNCTION. CONTRACTOR SHALL OBTAIN A WATER USE (APPROPRIATION) PERMIT FROM THE MINNESOTA DNR FOR DEWATERING ACTIVITIES THAT WILL WITHDRAW MORE THAN 10,000 GALLONS OF WATER PER DAY OR 1 MILLION GALLONS PER YEAR. (PROJECT SPECIFIC DEWATERING PROCESS MUST BE DEFINED)

SECTION 4: GOOD HOUSEKEEPING BMPS

4.1 MATERIAL HANDLING AND WASTE MANAGEMENT

1. **SOLID WASTE DISPOSAL** - NO SOLID MATERIALS, INCLUDING CONSTRUCTION AND DEMOLITION MATERIALS, COLLECTED SEDIMENT, ASPHALT AND CONCRETE MILLINGS, SHALL BE ALLOWED TO BE CARRIED FROM THE SITE WITH STORM WATER. ALL SOLID WASTE, INCLUDING DISPOSABLE MATERIALS INCIDENTAL TO THE MAJOR CONSTRUCTION ACTIVITIES, MUST BE COLLECTED AND PLACED IN CONTAINERS. THE CONTAINERS WILL BE EMPTIED PERIODICALLY BY A CONTRACT TRASH DISPOSAL SERVICE AND HAULED AWAY FROM THE SITE. DISPOSAL OF SOLID WASTES MUST COMPLY WITH MPCA REQUIREMENTS.
2. **GROUNDWATER PROTECTION** - SUBSTANCES THAT HAVE THE POTENTIAL FOR POLLUTING SURFACE AND/OR GROUNDWATER MUST BE CONTROLLED BY WHATEVER MEANS NECESSARY IN ORDER TO ENSURE THAT THEY DO NOT DISCHARGE FROM THE SITE. AS AN EXAMPLE, SPECIAL CARE MUST BE EXERCISED DURING EQUIPMENT FUELING AND SERVICING OPERATIONS. IF A SPILL OCCURS, IT MUST BE CONTAINED AND DISPOSED OF SO THAT IT WILL NOT FLOW FROM THE SITE OR ENTER GROUNDWATER, EVEN IF THIS REQUIRES REMOVAL, TREATMENT, AND DISPOSAL OF SOIL. IN THIS REGARD, POTENTIALLY POLLUTING SUBSTANCES SHOULD BE HANDLED IN A MANNER CONSISTENT WITH THE IMPACT THEY REPRESENT.
3. **SANITARY FACILITIES** - ALL PERSONNEL INVOLVED WITH CONSTRUCTION ACTIVITIES MUST COMPLY WITH STATE AND LOCAL SANITARY SEPTIC SYSTEM REGULATIONS. PORTABLE TOILETS MUST BE POSITIONED SO THAT THEY ARE SECURE AND WILL NOT BE TIPPED OR KNOCKED OVER. TEMPORARY SANITARY FACILITIES WILL BE PROVIDED AT THE SITE THROUGHOUT THE CONSTRUCTION PHASE WHERE REQUIRED BY STATE OR LOCAL REGULATIONS. THEY MUST BE UTILIZED BY ALL CONSTRUCTION PERSONNEL AND BE SERVICED BY A COMMERCIAL OPERATOR.

4.2 ESTABLISH PROPER STORAGE, HANDLING & DISPOSAL PRACTICES

HAZARDOUS MATERIALS & TOXIC WASTE (INCLUDING OIL, DIESEL FUEL, GASOLINE, HYDRAULIC FLUIDS, PAINT SOLVENTS, PETROLEUM-BASED PRODUCTS, WOOD PRESERVATIVES, ADDITIVES, CURING COMPOUNDS, AND ACIDS) MUST BE STORED IN WATERPROOF CONTAINERS WITH SECONDARY CONTAINMENT, AND THEIR LOCATION(S) MUST BE NOTED ON THE SWPPP MAP. EXCEPT DURING APPLICATION, THE CONTENTS MUST BE KEPT IN TRUCKS OR WITHIN STORAGE FACILITIES IN ACCORDANCE WITH SECTION 12.4 OF THE GENERAL PERMIT. STORAGE AND DISPOSAL OF HAZARDOUS WASTE MUST BE IN COMPLIANCE WITH MCPA REGULATIONS. RUNOFF CONTAINING SUCH MATERIAL MUST BE COLLECTED, REMOVED FROM THE SITE, TREATED, AND DISPOSED AT AN APPROVED SOLID WASTE OR CHEMICAL DISPOSAL FACILITY.

BUILDING PRODUCTS THAT HAVE THE POTENTIAL TO LEACH POLLUTANTS AND PESTICIDES, HERBICIDES, INSECTICIDES, FERTILIZERS, TREATMENT CHEMICALS AND LANDSCAPE MATERIALS MUST BE UNDER COVER BY PLASTIC SHEETING OR TEMPORARY ROOFS TO PREVENT DISCHARGE, OR PROTECTED BY SIMILAR EFFECTIVE MEANS TO PREVENT CONTACT WITH STORMWATER.

4.3 DESIGNATE WASHOUT AREAS

THE CONTRACTOR SHALL DESIGNATE AREAS FOR CONCRETE AND OTHER (STUCCO, PAINT, FOR RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS RELATED TO THE CONSTRUCTION ACTIVITY) WASHOUTS, AND NOTE THE LOCATIONS ON THE SITE MAP. ALL LIQUID AND SOLID WASTES GENERATED BY WASHOUT OPERATIONS MUST BE CONTAINED IN A LEAK PROOF CONTAINMENT FACILITY OR IMPERMEABLE LAYER. A COMPACTED CLAY LINER IS NOT AN ACCEPTABLE IMPERMEABLE LAYER. THE LIQUID AND SOLID WASTES MUST NOT CONTACT THE GROUND, AND THERE MUST NOT BE RUNOFF FROM THE WASHOUT OPERATIONS OR AREAS. LIQUID AND SOLID WASTE MUST BE DISPOSED OF PROPERLY AND IN COMPLIANCE WITH MPCA REGULATIONS. A SIGN MUST BE INSTALLED ADJACENT TO EACH WASHOUT FACILITY TO INFORM SITE WORKERS TO UTILIZE PROPER FACILITIES FOR DISPOSAL OF CONCRETE AND OTHER WASTES.

BMP DESCRIPTION: CONCRETE WASHOUT

INSTALLATION SCHEDULE: PRIOR TO CONCRETE WORK.

MAINTENANCE AND INSPECTION REQUIREMENTS: INSPECT CONCRETE WASHOUTS FOR EVIDENCE OF DISCHARGE EVERY 7 DAYS OR WITHIN 24 HOURS AFTER A 0.5" 24-HOUR RAIN EVENT. REPAIR, REPLACE OR SUPPLEMENT NON-FUNCTIONING CONCRETE WASHOUTS WITHIN 3 DAYS OR BY THE NEXT USE, WHICHEVER COMES FIRST.

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

BMP DESCRIPTION: (ADD BMPS OR DELETE THIS SECTION)

INSTALLATION SCHEDULE:

MAINTENANCE AND INSPECTION REQUIREMENTS:

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

4.4 ESTABLISH PROPER EQUIPMENT/VEHICLE FUELING AND MAINTENANCE PRACTICES

THE CONTRACTOR SHALL DESIGNATE AREAS FOR EQUIPMENT FUELING, CLEANING, MAINTENANCE AND REPAIR, AND NOTE THE LOCATION(S) ON THE SWPPP SITE MAPS. RUNOFF MUST BE CONTAINED WITHIN THE DESIGNATED AREAS (I.E. THROUGH USE OF A TEMPORARY BERM). THE AREAS MUST NOT BE LOCATED IN ANY SURFACE WATER. SPECIAL CARE MUST BE EXERCISED DURING EQUIPMENT FUELING AND SERVICING OPERATIONS. IF A SPILL OCCURS, IT MUST BE CONTAINED AND DISPOSED OF SO THAT IT WILL NOT FLOW FROM THE SITE OR ENTER GROUNDWATER, EVEN IF THIS REQUIRES REMOVAL, TREATMENT, AND DISPOSAL OF SOIL. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ADEQUATE SUPPLIES ARE AVAILABLE AT ALL TIMES TO CLEAN UP DISCHARGED MATERIALS AND THAT AN APPROPRIATE DISPOSAL METHOD IS AVAILABLE FOR RECOVERED SPILLED MATERIALS. NO ENGINE DEGREASING IS ALLOWED ON SITE.

4.5 CONTROL EQUIPMENT/VEHICLE WASHING

THE CONTRACTOR SHALL DESIGNATE LOCATION(S) FOR VEHICLE WASHING, AND NOTE THE LOCATION(S) ON THE SWPPP SITE MAP. RUNOFF FROM THE WASHING AREA MUST BE CONTAINED IN A SEDIMENT BASIN OR OTHER SIMILARLY EFFECTIVE CONTROLS AND WASTE FROM THE WASHING ACTIVITY MUST BE PROPERLY DISPOSED OF. THE CONTRACTOR MUST PROPERLY USE AND STORE SOAPS, DETERGENTS AND SOLVENTS. ENGINE DEGREASING OF TRUCKS AND OTHER CONSTRUCTION VEHICLES IS ALSO PROHIBITED.

4.6 SPILL PREVENTION AND CONTROL PLAN

1. **ACCIDENTAL SPILL** - DISCHARGE OF OIL OR OTHER HAZARDOUS SUBSTANCES IS SUBJECT TO REPORTING AND CLEAN UP REQUIREMENTS. IN CASE OF AN ACCIDENTAL SPILL, THE MINNESOTA POLLUTION CONTROL AGENCY IS TO BE NOTIFIED AT THEIR **24-HOUR TELEPHONE NUMBER: 651-649-5451**. REFER TO SECTION 12 OF THE GENERAL PERMIT.
2. **GROUNDWATER PROTECTION** - SUBSTANCES THAT HAVE THE POTENTIAL FOR POLLUTING SURFACE AND/OR GROUNDWATER MUST BE CONTROLLED BY WHATEVER MEANS NECESSARY IN ORDER TO ENSURE THAT THEY DO NOT DISCHARGE FROM THE SITE. AS AN EXAMPLE, SPECIAL CARE MUST BE EXERCISED DURING EQUIPMENT FUELING AND SERVICING OPERATIONS. IF A SPILL OCCURS, IT MUST BE CONTAINED AND DISPOSED OF SO THAT IT WILL NOT FLOW FROM THE SITE OR ENTER GROUNDWATER, EVEN IF THIS REQUIRES REMOVAL, TREATMENT, AND DISPOSAL OF SOIL. IN THIS REGARD, POTENTIALLY POLLUTING SUBSTANCES SHOULD BE HANDLED IN A MANNER CONSISTENT WITH THE IMPACT THEY REPRESENT.

4.7 ANY ADDITIONAL BMPS

[DESCRIBE ANY ADDITIONAL GOOD HOUSEKEEPING BMPS OR DELETE THIS SECTION]

BMP DESCRIPTION: (ADD BMPS OR DELETE THIS SECTION)

INSTALLATION SCHEDULE:

MAINTENANCE AND INSPECTION REQUIREMENTS:

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

SECTION 5: POST-CONSTRUCTION BMPS

[DESCRIBE PERMANENT STORM WATER SYSTEM, AND INCLUDE REFERENCE TO DESIGN CALCULATIONS. REFER TO SECTION 15, 16, 17, 18, AND 19 OF THE GENERAL PERMIT, AS WELL AS LGU REQUIREMENTS. NOTE: THE 2018 GENERAL PERMIT REQUIRES INFILTRATION OF THE WATER QUALITY VOLUME (1" OVER THE NEW IMPERVIOUS)]

BMP DESCRIPTION: UNDERGROUND INFILTRATION BASIN

INSTALLATION SCHEDULE: DURING GRADING ACTIVITIES

MAINTENANCE AND INSPECTION REQUIREMENTS: PRACTICE SHOULD BE INSPECTED SEMI-ANNUALLY TO ENSURE THE DRAWDOWN TIME OF 48-HOURS IS MAINTAINED. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR INSPECTION AND MAINTENANCE.

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

BMP DESCRIPTION: SUMP MANHOLE

INSTALLATION SCHEDULE: ALONG WITH STORM SEWER NETWORK

MAINTENANCE AND INSPECTION REQUIREMENTS: PRACTICE SHOULD BE INSPECTED (AND CLEANED OUT IF DEEMED NECESSARY) SEMI-ANNUALLY TO ENSURE THAT SEDIMENT IS NOT BEGINNING TO WASH OUT DURING STORM EVENTS. DEVICES SHOULD BE CLEANED OUT AT LEAST ONCE PER YEAR OR AS NEEDED.

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

BMP DESCRIPTION: INFILTRATION BASIN

INSTALLATION SCHEDULE: AFTER SITE IS STABILIZED

MAINTENANCE AND INSPECTION REQUIREMENTS: NO HEAVY EQUIPMENT TO BE PLACED IN THESE AREAS, MINIMIZING THE COMPACTION. PERIODIC CHECK OF FLOW CONDITIONS TO TRACK DRAWDOWN OF THE WATER IN THE BASIN.

THE DEVICE WILL BE INSPECTED AND CLEARED OF SEDIMENT BUILD UP TWICE PER YEAR AND AS NEEDED. PLANTED VEGETATION ALSO NEEDS TO BE INSPECTED PERIODICALLY AND REPLACED AS NECESSARY. INSPECTION WILL ALSO INCLUDE CHECKING FOR ANY PROBLEMATIC EROSION TAKING PLACE ON THE SLOPES OF THE BASIN. EROSION ISSUES WILL BE REPAIRED AS THEY ARE FOUND.

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

BMP DESCRIPTION: FILTRATION BASIN

INSTALLATION SCHEDULE: THE FILTRATION BASIN WILL BE INSTALLED DURING THE INITIAL GRADING FOR THE SITE. THE STORM SEWER SYSTEM WILL THEN BE CONNECTED INTO THE FILTRATION BASIN.

MAINTENANCE AND INSPECTION REQUIREMENTS: ONCE CONSTRUCTION IS COMPLETE, THE BASIN WILL BE INSPECTED AND CLEARED OF ANY SEDIMENT BUILD-UP TWICE PER YEAR AND AS NEEDED. INSPECTION WILL ALSO INCLUDE CHECKING FOR EROSION ISSUES ALONG THE SLOPES OF THE BASIN AND CLEANING ANY DEBRIS FROM THE INLET PIPES.

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

BMP DESCRIPTION: (ADD BMPS OR DELETE THIS SECTION)

INSTALLATION SCHEDULE:

MAINTENANCE AND INSPECTION REQUIREMENTS:

RESPONSIBLE STAFF (CONTRACTOR TO COMPLETE):

SECTION 6: INSPECTIONS

6.1 INSPECTIONS

1. **INSPECTION FREQUENCY AND RESPONSIBILITY**

[OPTION 1 - CONTRACTOR RESPONSIBLE FOR INSPECTIONS]

BETWEEN THE TIME THIS SWPPP IS IMPLEMENTED AND FINAL SITE STABILIZATION IS ACHIEVED AND THE NOTICE OF TERMINATION FILED WITH THE MPCA, ALL DISTURBED AREAS AND POLLUTANT CONTROLS MUST BE INSPECTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS FOLLOWING A RAINFALL OF 0.5 INCHES OR GREATER. THE PURPOSE OF SITE INSPECTIONS IS TO ASSESS PERFORMANCE OF POLLUTANT CONTROLS. THE INSPECTIONS WILL BE CONDUCTED BY THE CONTRACTOR'S DESIGNATED REPRESENTATIVE. BASED ON THESE INSPECTIONS, THE CONTRACTOR WILL DECIDE WHETHER IT IS NECESSARY TO MODIFY THIS SWPPP, ADD OR RELOCATE STRUCTURAL BMPS, OR WHATEVER ELSE MAY BE NEEDED IN ORDER TO PREVENT POLLUTANTS FROM LEAVING THE SITE VIA STORM WATER RUNOFF. IF THE SWPPP REQUIRES MODIFICATION, THOSE CHANGES TO THE SWPPP MUST BE DOCUMENTED. THE CONTRACTOR HAS THE DUTY TO CAUSE POLLUTANT CONTROL MEASURES TO BE REPAIRED, MODIFIED, MAINTAINED, SUPPLEMENTED, OR WHATEVER ELSE IS NECESSARY IN ORDER TO ACHIEVE EFFECTIVE POLLUTANT CONTROL.

[OPTION 2 - OWNER RESPONSIBLE FOR INSPECTIONS]

BETWEEN THE TIME THIS SWPPP IS IMPLEMENTED AND FINAL SITE STABILIZATION IS ACHIEVED AND THE NOTICE OF TERMINATION FILED WITH THE MPCA, ALL DISTURBED AREAS AND POLLUTANT CONTROLS MUST BE INSPECTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS FOLLOWING A RAINFALL OF 0.5 INCHES OR GREATER. THE PURPOSE OF SITE INSPECTIONS IS TO ASSESS PERFORMANCE OF POLLUTANT CONTROLS. THE INSPECTIONS WILL BE CONDUCTED BY THE OWNER'S DESIGNATED REPRESENTATIVE. BASED ON THESE INSPECTIONS, THE CONTRACTOR WILL DECIDE WHETHER IT IS NECESSARY TO MODIFY THIS SWPPP, ADD OR RELOCATE STRUCTURAL BMPS, OR WHATEVER ELSE MAY BE NEEDED IN ORDER TO PREVENT POLLUTANTS FROM LEAVING THE SITE VIA STORM WATER RUNOFF. IF THE SWPPP REQUIRES MODIFICATION, THOSE CHANGES TO THE SWPPP MUST BE DOCUMENTED. THE CONTRACTOR HAS THE DUTY TO CAUSE POLLUTANT CONTROL MEASURES TO BE REPAIRED, MODIFIED, MAINTAINED, SUPPLEMENTED, OR WHATEVER ELSE IS NECESSARY IN ORDER TO ACHIEVE EFFECTIVE POLLUTANT CONTROL.

2. **INSPECTION PROCEDURES** - EXAMPLES OF PARTICULAR ITEMS TO EVALUATE DURING SITE INSPECTIONS ARE LISTED BELOW. THIS LIST IS NOT INTENDED TO BE COMPREHENSIVE. DURING EACH INSPECTION THE INSPECTOR MUST EVALUATE OVERALL POLLUTANT CONTROL SYSTEM PERFORMANCE AS WELL AS PARTICULAR DETAILS OF INDIVIDUAL SYSTEM COMPONENTS. ADDITIONAL FACTORS SHOULD BE CONSIDERED AS APPROPRIATE TO THE CIRCUMSTANCES.

A. PRE-INSPECTION PREPARATION:

1. INSPECTORS SHOULD BE FAMILIAR WITH THE SWPPP, INCLUDING THE EROSION AND SEDIMENT CONTROL PLANS, PAST INSPECTION REPORTS, AND MAINTENANCE LOGS.
2. [DELETE THIS NOTE IF THE SITE DOES NOT HAVE SPECIAL DISCHARGE REQUIREMENTS] PAY SPECIAL ATTENTION TO STORM WATER DISCHARGE TO SPECIAL/IMPAIRED WATERS AND WETLANDS; DISCHARGES TO SPECIAL/IMPAIRED WATERS AND WETLANDS HAVE ADDITIONAL REQUIREMENTS THAT ARE DESCRIBED IN SECTION 23 OF THE GENERAL PERMIT, AND ADDRESSED IN THIS SWPPP.

B. SITE ENTRY:

1. BEFORE ENTERING THE SITE, OBSERVE THE SURROUNDINGS AND VARIOUS STAGES OF CONSTRUCTION. NOTE AREAS FOR IN-DEPTH REVIEW AND ANY POTENTIAL ISSUES.
2. THIS IS A GOOD TIME TO VIEW CONSTRUCTION SITE VEHICLE TRACKING PAD LOCATIONS AND PERIMETER CONTROLS.

C. RECORDS REVIEW:

1. VERIFY THAT A COPY OF THE SWPPP AND APPLICATION FOR THE NPDES STORM WATER PERMIT, AND COPIES OF ALL CONSTRUCTION SITE INSPECTIONS ARE ON SITE.
2. VERIFY THAT THE TIMING FOR INSTALLATION OF ALL EROSION PREVENTION AND SEDIMENT CONTROL BMPS, AS WELL AS CONSTRUCTION PHASING, IS GENERALLY BEING FOLLOWED.
3. SWPPPS ARE INTENDED TO BE DYNAMIC DOCUMENTS, VERIFY THAT AMENDMENTS OR CHANGES TO THE SWPPP ARE BEING MADE WHEN:
   A. A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, MAINTENANCE, WEATHER OR SEASONAL CONDITIONS HAVE A SIGNIFICANT EFFECT ON STORM WATER DISCHARGES
   B. INSPECTIONS INDICATE THE SWPPP IS NOT EFFECTIVE
   C. THE SWPPP IS NOT CONSISTENT WITH THE TERMS OF THE GENERAL PERMIT

D. SITE INSPECTION (NOTE TIMELINES FOR MAINTENANCE INCLUDED IN INSPECTION/MAINTENANCE REPORT)

1. INSPECT DISCHARGE POINTS DOWNSTREAM AND OFF-SITE AREAS FOR SIGNS OF IMPACT.
2. INSPECT PERIMETER CONTROLS:
   A. HAVE PERIMETER CONTROLS BEEN PROPERLY INSTALLED AND MAINTAINED?
   B. ARE VEHICLE TRACKING PADS FUNCTIONING PROPERLY? ARE ADDITIONAL ENTRANCES/EXITS BEING USED THAT ARE NOT STABILIZED?
   C. ALL STORM DRAINS MUST BE PROTECTED AND TEMPORARY STOCKPILES MUST HAVE SEDIMENT CONTROLS INSTALLED.
   D. ALL EXPOSED SOILS MUST HAVE TEMPORARY OR PERMANENT EROSION PROTECTION WITHIN 7 DAYS OF INACTIVITY.
3. COMPARE BMPS IN THE SWPPP WITH CONSTRUCTION SITE CONDITIONS: ARE REQUIRED BMPS IN PLACE; ARE ADDITIONAL BMPS NEEDED; ARE BMPS IN PLACE PROPERLY INSTALLED AND MAINTAINED?
4. INSPECT AREAS THAT HAVE BEEN DISTURBED AND ARE NOT CURRENTLY BEING WORKED. ANY UNSEEDED OR UNMULCHED BARE AREAS THAT HAVE BEEN IDLE FOR 7 DAYS SHOULD BE NOTED.
5. INSPECT AREAS WITH FINAL STABILIZATION. IN ORDER FOR FINAL STABILIZATION TO BE ACHIEVED, AREAS MUST HAVE A UNIFORM COVER WITH A DENSITY OF 70% OVER ENTIRE AREA. TEMPORARY BMPS SHOULD BE REMOVED AND AREAS DISTURBED BY REMOVAL SEEDED AS NECESSARY.

E. EXIT INTERVIEW:

1. DEBRIEF THE PERSON IN CHARGE. EXPLAIN THE IDENTIFIED DEFICIENCIES AND ANY AREAS OF CONCERN.

F. A COPY OF THE COMPLETED INSPECTION REPORT MUST BE KEPT WITH THE SWPPP ON SITE.

THE INSPECTION REPORT USED SHOULD INCLUDE, AT A MINIMUM, THE FOLLOWING:

- DATE & TIME OF INSPECTION
- NAME OF INSPECTOR(S)
- FINDINGS OF INSPECTIONS AND RECOMMENDATIONS FOR CORRECTIVE ACTIONS
- CORRECTIVE ACTIONS TAKEN, INCLUDING DATES, TIMES AND NAMES OF PARTY COMPLETING MAINTENANCE
- DATE & AMOUNT OF RAINFALL
- RECORD OF ALL POINTS OF DISCHARGE FROM THE PROPERTY AND DESCRIPTION OF DISCHARGE
- NOTE TO UPDATE THE SWPPP

6.2 DELEGATION OF AUTHORITY

DULY AUTHORIZED REPRESENTATIVE(S) OR POSITION(S):

COMPANY OR ORGANIZATION NAME:
NAME:
POSITION:
ADDRESS:
CITY, STATE, ZIP CODE:
TELEPHONE NUMBER:
FAX/EMAIL:

6.3 CORRECTIVE ACTION LOG

THE INSPECTION/MAINTENANCE FORM, AVAILABLE UPON REQUEST, INCORPORATES BOTH INSPECTION AND MAINTENANCE REPORTING INTO A SINGLE FORM. THIS FORM ALSO SPECIFIES THE TIME ALLOWED FOR CORRECTIONS TO BE PERFORMED. IF THE PARTY PERFORMING INSPECTIONS CHOOSES TO USE ANOTHER INSPECTION FORM, A SEPARATE CORRECTIVE ACTION LOG MUST BE PROVIDED.

SECTION 7: RECORD KEEPING AND TRAINING

7.1 RECORDKEEPING

RECORD RETENTION - THE OWNER MUST KEEP THE SWPPP INCLUDING ALL CHANGES MADE TO IT DURING CONSTRUCTION (SEE SECTION 7.2 OF THIS SWPPP), ALONG WITH THE FOLLOWING ADDITIONAL RECORDS ON FILE FOR THREE YEARS AFTER COMPLETION OF THE CONSTRUCTION PROJECT (FINAL STABILIZATION AND NOTICE OF TERMINATION):

1. ANY OTHER STORMWATER RELATED PERMITS REQUIRED FOR THE PROJECT
2. RECORDS OF ALL INSPECTIONS AND MAINTENANCE CONDUCTED DURING CONSTRUCTION
3. ALL PERMANENT OPERATION AND MAINTENANCE AGREEMENTS THAT HAVE BEEN IMPLEMENTED, INCLUDING ALL RIGHT OF WAY, CONTRACTS, COVENANTS AND OTHER BINDING REQUIREMENTS REGARDING PERPETUAL MAINTENANCE
4. ALL REQUIRED CALCULATIONS FOR DESIGN OF THE TEMPORARY AND PERMANENT STORM WATER MANAGEMENT SYSTEMS

7.2 AMENDMENTS

THE CONTRACTOR SHALL KEEP A RECORD LOG OF ALL MODIFICATIONS TO THE SWPPP. AN EXAMPLE OF A SWPPP UPDATE LOG FORM CAN BE PROVIDED UPON REQUEST.

MODIFICATIONS TO THE SWPPP - THIS SWPPP INTENDS TO CONTROL WATER-BORNE AND LIQUID POLLUTANT DISCHARGES BY SOME COMBINATION OF INTERCEPTION, FILTRATION, AND CONTAINMENT. THE GENERAL CONTRACTOR AND SUBCONTRACTORS IMPLEMENTING THIS SWPPP MUST REMAIN ALERT TO THE NEED TO PERIODICALLY REFINE AND UPDATE THE SWPPP IN ORDER TO ACCOMPLISH THE INTENDED GOALS. THIS SWPPP MUST BE AMENDED AS NECESSARY DURING THE COURSE OF CONSTRUCTION IN ORDER TO KEEP IT CURRENT WITH THE POLLUTANT CONTROL MEASURES UTILIZED AT THE SITE. AMENDING THE SWPPP DOES NOT MEAN THAT IT HAS TO BE REPRINTED. IT IS ACCEPTABLE TO ADD ADDENDA, SKETCHES, NEW SECTIONS, AND/OR REVISED DRAWINGS. THIS SWPPP MUST BE UPDATED AS NECESSARY TO INCLUDE ADDITIONAL REQUIREMENTS, SUCH AS ADDITIONAL OR MODIFIED BMPS, DESIGNED TO CORRECT PROBLEMS IDENTIFIED OR ADDRESS SITUATIONS WHENEVER:

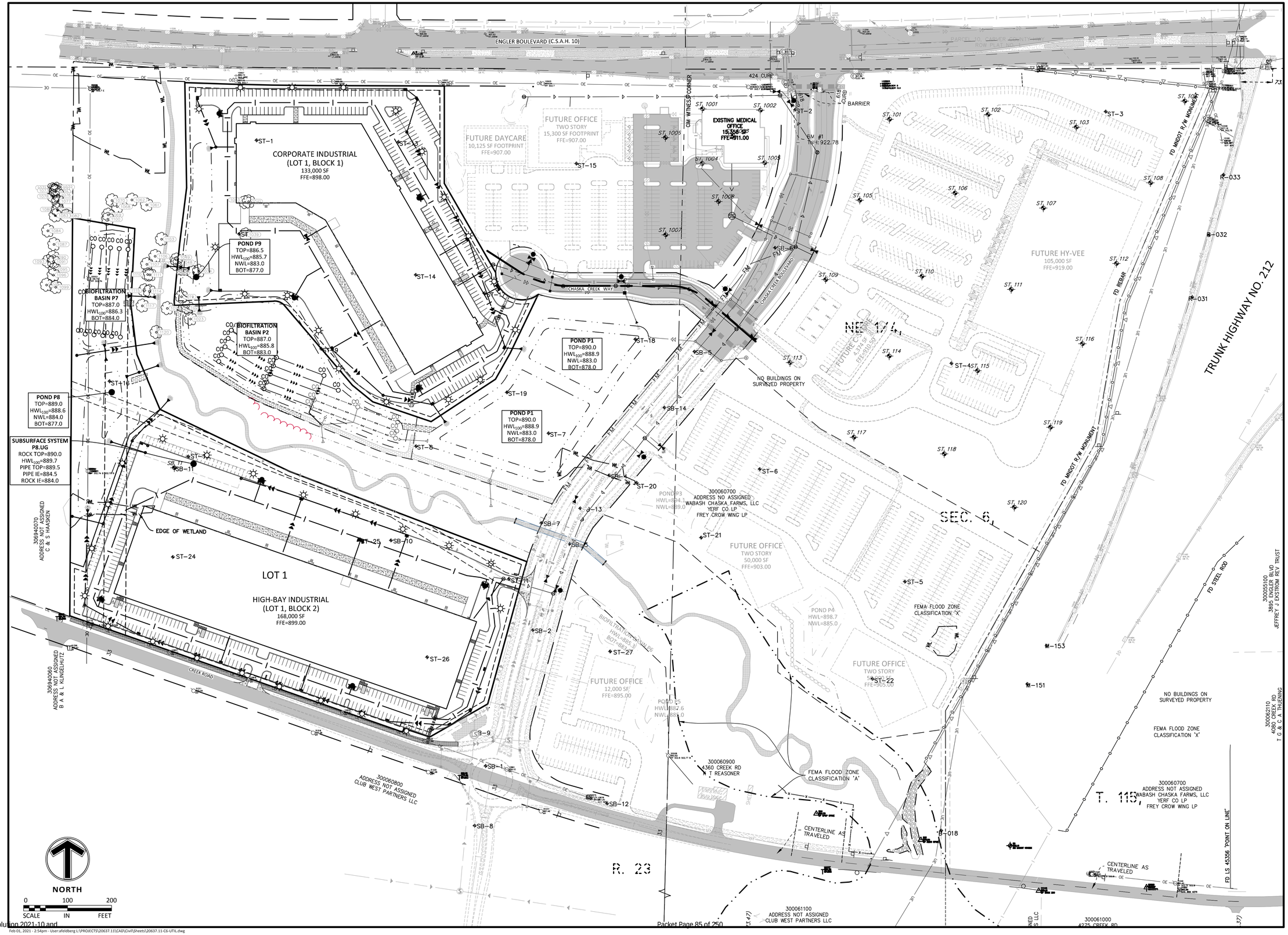
1. THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, MAINTENANCE, WEATHER OR SEASONAL CONDITIONS THAT HAS A SIGNIFICANT EFFECT ON THE DISCHARGE OF POLLUTANTS TO SURFACE WATERS OR UNDERGROUND WATERS.
2. INSPECTIONS OR INVESTIGATIONS BY SITE OPERATORS, LOCAL, STATE OR FEDERAL OFFICIALS INDICATE THE SWPPP IS NOT EFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING THE DISCHARGE OF POLLUTANTS TO SURFACE WATERS OR UNDERGROUND WATERS OR THAT THE DISCHARGES ARE CAUSING WATER QUALITY STANDARD EXCEEDANCES.
3. THE SWPPP IS NOT ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY, OR THE SWPPP IS NOT CONSISTENT WITH THE TERMS AND CONDITIONS OF THE GENERAL PERMIT.
4. THE MPCA HAS DETERMINED THAT THE PROJECT'S STORM WATER DISCHARGES MAY CAUSE OR CONTRIBUTE TO NON-ATTAINMENT OF ANY APPLICABLE WATER STANDARD, OR THAT THE SWPPP DOES NOT INCORPORATE REQUIREMENTS RELATED TO AN APPROVED TOTAL MAXIMUM DAILY LOAD (TMDL) IMPLEMENTATION PLAN. IN THIS CASE, THE SWPPP MUST BE UPDATED OR A SUPPLEMENTAL BMP ACTION PLAN DEVELOPED TO ADDRESS THE IDENTIFIED CONCERNS.

7.3 TRAINING

THE PERMITTEE(S) MUST FULFILL TRAINING REQUIREMENTS AND INCLUDE RECORDS OF TRAINING IN THE SWPPP. REFRESHER TRAINING MUST BE ATTENDED EVERY THREE YEARS STARTING THREE YEARS, FROM THE ISSUANCE OF THE 2018 GENERAL PERMIT (ISSUED 8/1/18). INDIVIDUALS REQUIRED TO BE TRAINED INCLUDE:

1. INDIVIDUALS PREPARING THE SWPPP
2. INDIVIDUALS OVERSEEING IMPLEMENTATION OF, REVISING, AND AMENDING THE SWPPP AND INDIVIDUALS PERFORMING INSPECTIONS. ONE OF THESE INDIVIDUALS MUST BE AVAILABLE FOR AN ON SITE INSPECTION WITHIN 72 HOURS UPON REQUEST BY THE MPCA.
3. INDIVIDUALS PERFORMING OR SUPERVISING THE INSTALLATION, MAINTENANCE AND REPAIR OF BMPS. AT LEAST ONE INDIVIDUAL ON A PROJECT MUST BE TRAINED IN THESE JOB DUTIES.

THE CONTENT AND EXTENT OF TRAINING MUST BE COMMENSURATE WITH THE INDIV



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Client
OPPIDAN

400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed professional ENGINEER under the laws of the state of Minnesota.

PRELIMINARY

Brady D. Bussenius
Registration No. 45579 Date: 12/01/2020

If applicable, contact us for a wet signed copy of this plan which is available upon request at Sambatek's, Minnetonka, MN office.

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Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

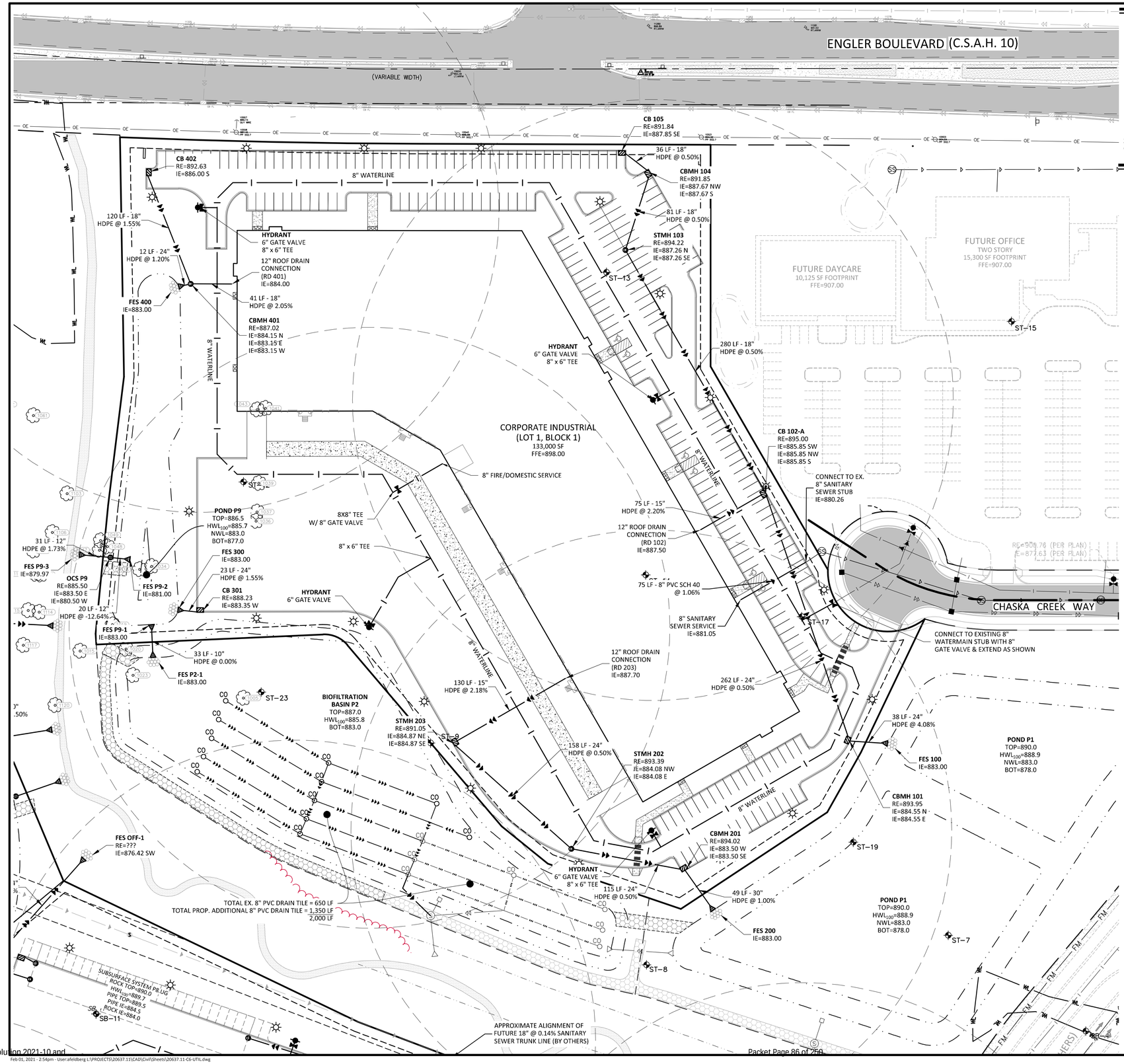
Revision History

No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
UTILITY PLAN - OVERALL

Sheet No. Revision
C6.01

Project No. 20637.11



LEGEND

	PROPOSED	EXISTING	FUTURE
CURB & GUTTER			
STORM SEWER	D	D	
SANITARY SEWER	S	S	
FORCEMAIN (SAN.)	FM	FM	
WATERMAIN	W	W	
EASEMENT			
DRAINTILE			
GAS LINE	GL	GL	
ELECTRIC	UE	UE	
TELEPHONE	UT	UT	
300' FIRE HYDRANT COVERAGE			

UTILITY CONSTRUCTION NOTES

1. THE UTILITY IMPROVEMENTS FOR THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD UTILITIES SPECIFICATIONS" AS PUBLISHED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA (CEAM), EXCEPT AS MODIFIED HEREIN. CONTRACTOR SHALL OBTAIN A COPY OF THESE SPECIFICATIONS.
   - 1.1. ALL UTILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY REQUIREMENTS.
   - 1.2. CONTRACTOR SHALL NOT OPEN, TURN OFF, INTERFERE WITH, OR ATTACH ANY PIPE OR HOSE TO OR TAP WATERMAIN BELONGING TO THE CITY UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCES OF ANY SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE THE LIABILITY OF CONTRACTOR.
   - 1.3. A MINIMUM VERTICAL SEPARATION OF 18 INCHES AND HORIZONTAL SEPARATION OF 10-FEET BETWEEN OUTSIDE PIPE DIAMETERS IS REQUIRED AT ALL WATERMAIN AND SEWER MAIN (BUILDING, STORM AND SANITARY) CROSSINGS.
2. ALL MATERIALS SHALL BE AS SPECIFIED IN CEAM SPECIFICATIONS EXCEPT AS MODIFIED HEREIN.
   - 2.1. ALL MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY.
   - 2.2. ALL SANITARY SEWER TO BE PVC SDR-35, UNLESS NOTED OTHERWISE.
     - 2.2.1. ALL SANITARY SEWER SERVICES TO BUILDING SHALL BE PVC SCH 40 CONFORMING TO ASTM D2665.
   - 2.3. ALL WATERMAIN TO BE DUCTILE IRON - CLASS 52, UNLESS NOTED OTHERWISE.
     - 2.3.1. ALL WATERMAIN TO HAVE 7.5-FEET OF COVER OVER TOP OF WATERMAIN.
     - 2.3.2. PROVIDE THRUST BLOCKING AND MECHANICAL JOINT RESTRAINTS ON ALL WATERMAIN JOINTS PER CITY STANDARDS.
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3. COORDINATE ALL BUILDING SERVICE CONNECTION LOCATIONS AND INVERT ELEVATIONS WITH MECHANICAL CONTRACTOR PRIOR TO CONSTRUCTION.
4. ALL BUILDING SERVICE CONNECTIONS (STORM, SANITARY, WATER) WITH FIVE FEET OR LESS COVER ARE TO BE INSULATED FROM BUILDING TO POINT WHERE 5-FEET OF COVER IS ACHIEVED.
5. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
6. SAFETY NOTICE TO CONTRACTORS: IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS ON THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE DUTY OF THE ENGINEER OR THE DEVELOPER TO CONDUCT CONSTRUCTION REVIEW OF CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF CONTRACTOR'S SAFETY MEASURES IN, ON OR NEAR THE CONSTRUCTION SITE.
7. ALL AREAS OUTSIDE THE PROPERTY BOUNDARIES THAT ARE DISTURBED BY UTILITY CONSTRUCTION SHALL BE RESTORED IN KIND. SODDED AREAS SHALL BE RESTORED WITH 6 INCHES OF TOPSOIL PLACED BENEATH THE SOD.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. TRAFFIC CONTROL DEVICES SHALL CONFORM TO APPROPRIATE MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARDS.
9. ALL SOILS TESTING SHALL BE COMPLETED BY AN INDEPENDENT SOILS ENGINEER. EXCAVATION FOR THE PURPOSE OF REMOVING UNSTABLE OR UNSUITABLE SOILS SHALL BE COMPLETED AS REQUIRED BY THE SOILS ENGINEER. THE UTILITY BACKFILL CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF THE SOILS ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED SOILS TESTS AND SOIL INSPECTIONS WITH THE SOILS ENGINEER.

   A GEOTECHNICAL ENGINEERING REPORT HAS BEEN COMPLETED BY:

   COMPANY: _____
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THE SUBSURFACE UTILITY INFORMATION SHOWN ON THESE PLANS IS A UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF ASCE/CI 38-02, TITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA." THE CONTRACTOR AND/OR SUBCONTRACTORS SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, BY CONTACTING THE NOTIFICATION CENTER (GOPHER STATE ONE FOR MINNESOTA). THE CONTRACTOR AND/OR SUBCONTRACTOR AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES, WHICH MIGHT BE OCCASIONED BY HIS OR HER FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES (UNDERGROUND AND OVERHEAD).

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Minnetonka, MN 55343
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Engineering | Surveying | Planning | Environmental

Client
OPPIDAN

400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed professional ENGINEER under the laws of the state of Minnesota.

PRELIMINARY

Brady D. Busselman
Registration No. 43579 Date: 12/01/2020

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Summary

Designed: AKF Drawn: JGP
Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

Revision History

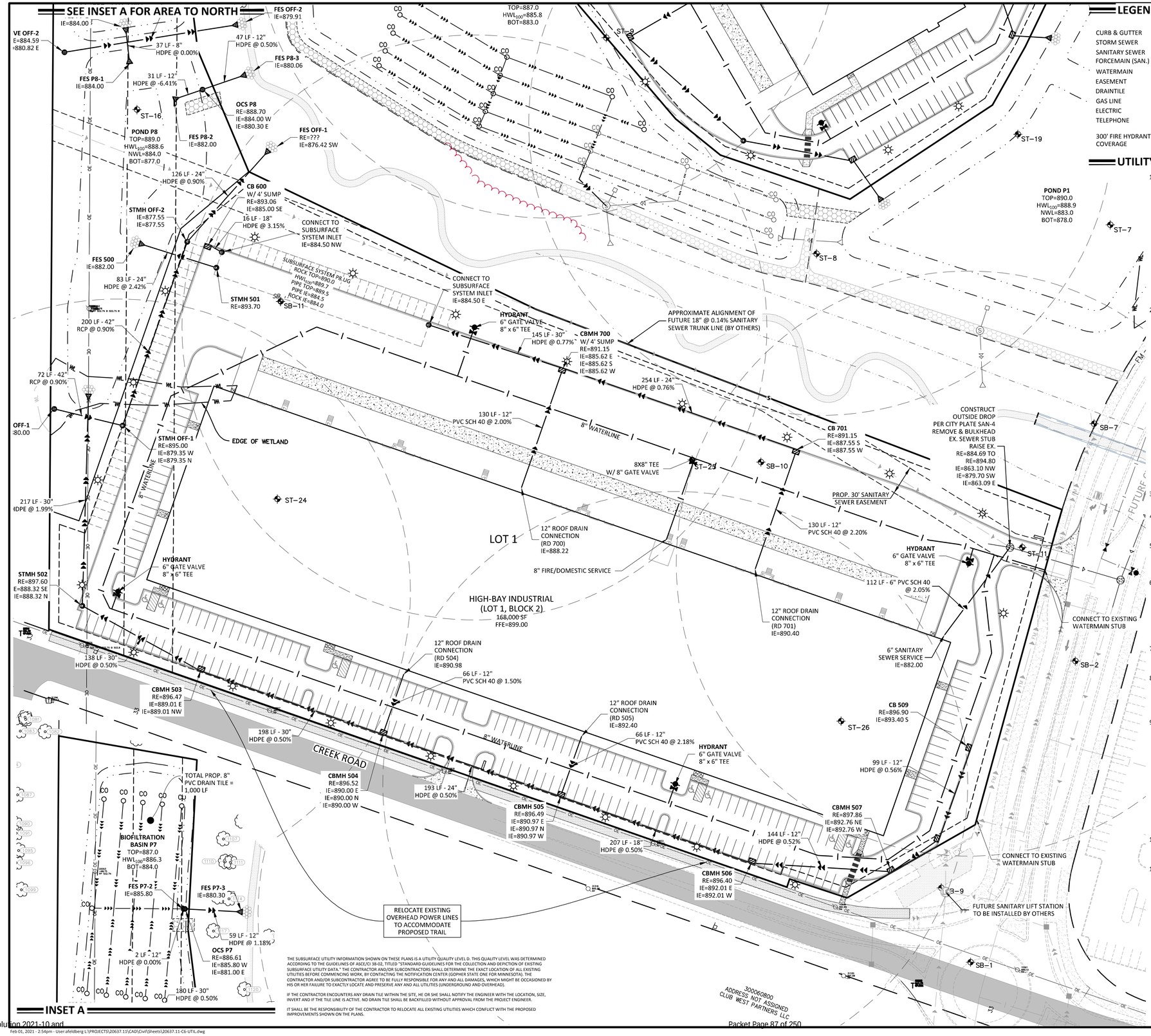
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Sheet Title
UTILITY PLAN - LOT 1, BLOCK 1

Sheet No. Revision
C6.02

Project No. 20637.11

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LEGEND

	PROPOSED	EXISTING	FUTURE
CURB & GUTTER			
STORM SEWER	D	D	
SANITARY SEWER	S	S	
FORCEMAIN (SAN.)	FM	FM	
WATERMAIN	W	W	
EASEMENT			
DRAINTILE			
GAS LINE	GL	GL	
ELECTRIC	UE	UE	
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NORTH

SCALE 0 50 100 IN FEET

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CHASKA CREEK INDUSTRIAL

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PRELIMINARY

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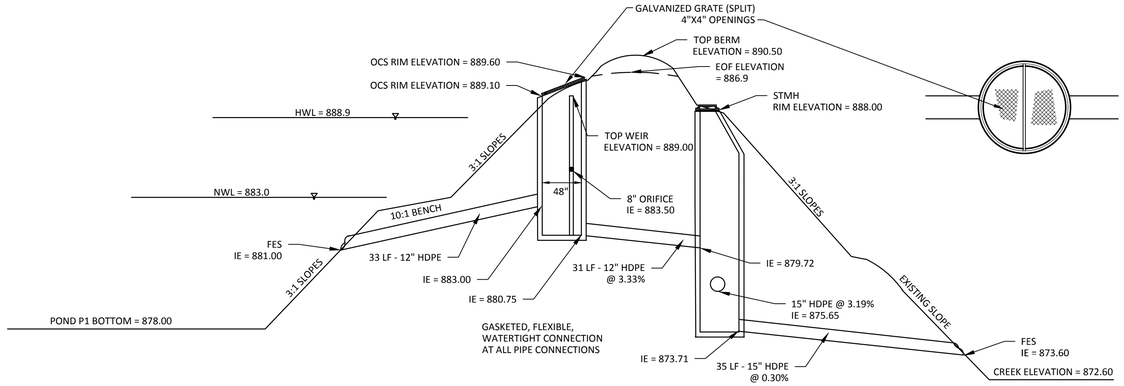
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Sheet Title
UTILITY PLAN - LOT 1, BLOCK 2

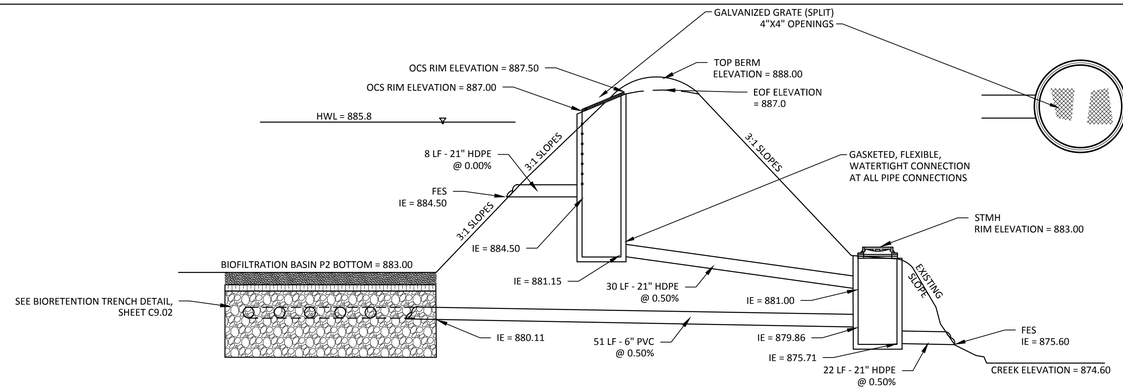
Sheet No. Revision
C6.03

Project No. 20637.11



POND P1 OUTLET CONTROL STRUCTURE DETAIL/CROSS SECTION

N.T.S.



BASIN P2 OUTLET CONTROL STRUCTURE DETAIL/CROSS SECTION

N.T.S.

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Engineering | Surveying | Planning | Environmental

Client
OPPIDAN

400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

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

PRELIMINARY

Brady D. Bos, P.E.
Registration No. 49329 Date: 12/01/2020

It is a violation of state statutes for any person to alter this plan in any way without the written permission and subsequent addition of his/her name to the plan. Any person altering this plan is responsible for damages to others which may result.

Summary
Designed: AKF Drawn: JGP
Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

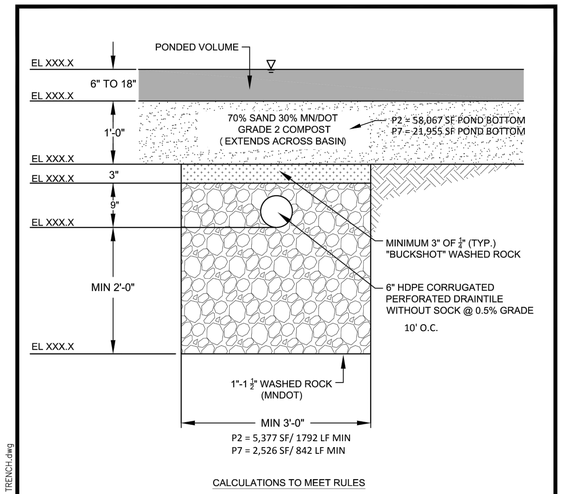
Revision History
No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
DETAILS

Sheet No. Revision
C9.01

Project No. 20637.11

Feb 01, 2021 - 2:28pm - User:afeldberg L:\PROJECTS\20637.11\CAD\Civil\Sheets\20637.11-C9-DETAILS.dwg



CALCULATIONS TO MEET RULES

VOLUME:

1. VOLUME REDUCTION IS CALCULATED AS 40% OF PONDED VOLUME.
2. IF NO VEGETATION IS PROVIDED, THE VOLUME CALCULATION IS LOWERED TO 50% OF ROCK VOLUME BELOW TILE.
3. TILE INVERT MUST BE 3 FT ABOVE DOWNSTREAM NWL, GROUNDWATER, BEDROCK, ETC.

WATER QUALITY:

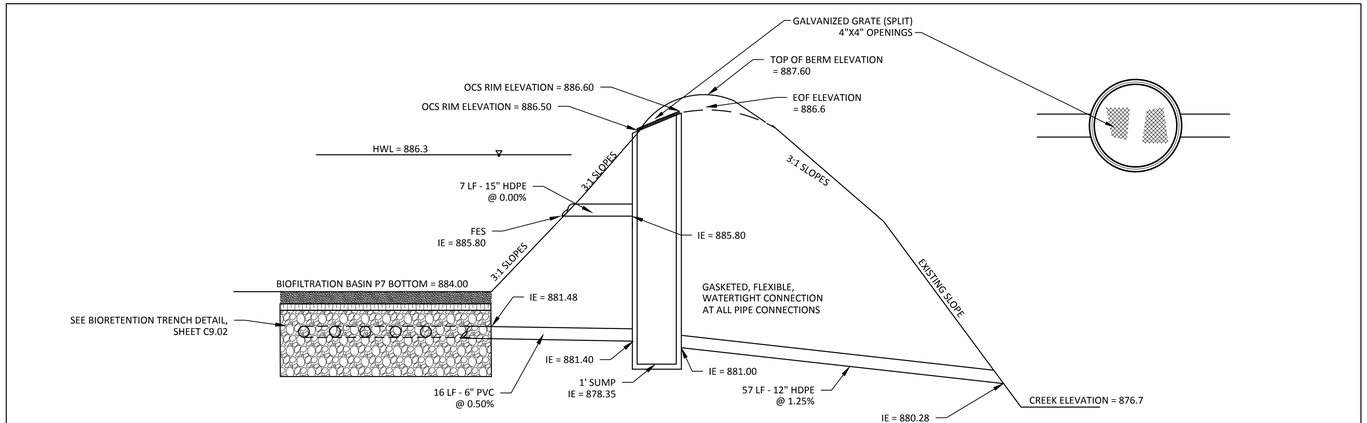
1. FILTRATION IS CALCULATED AS 75% TP REMOVAL AND 90% TSS REMOVAL.

DRAWDOWN:

1. 48 HOUR DRAWDOWN OF BMPS IS REQUIRED. ~~TO DETERMINE LENGTH OF TRENCH NEEDED, USE FILTRATION RATE OF 50 CF OF PONDED VOLUME WILL PASS THROUGH ONE LINEAR FOOT OF 3' WIDE TRENCH, OR~~ 17 CF OF PONDED VOLUME PER SF OF SURFACE AREA.

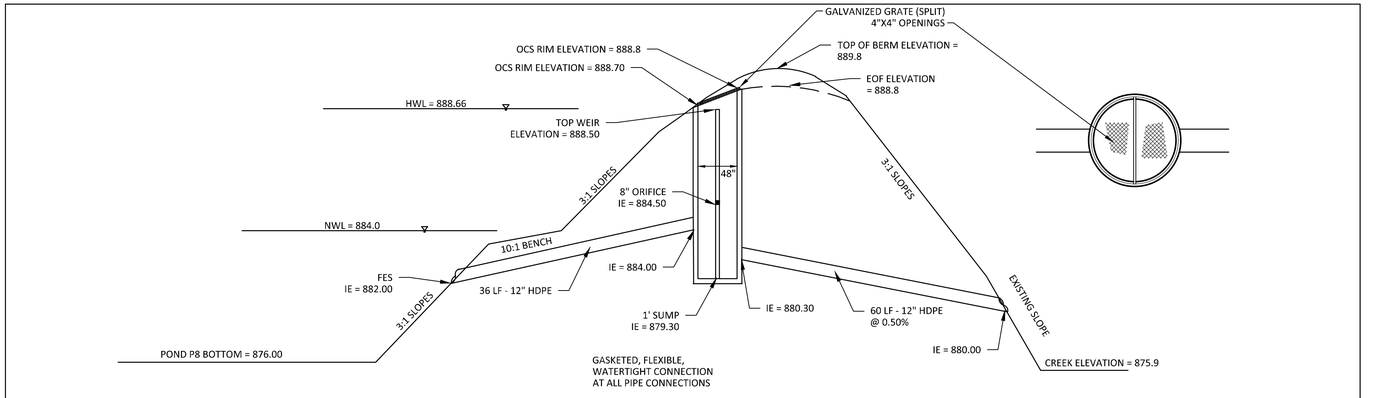
CARVER COUNTY	WENCK ASSOCIATES Responsive partner. Exceptional outcomes	BIORETENTION TRENCH	DEC 2016
			DETAIL 1

M:\1097\GENERAL DETAILS\December 2016 Details\1-BIORETENTION TRENCH.dwg



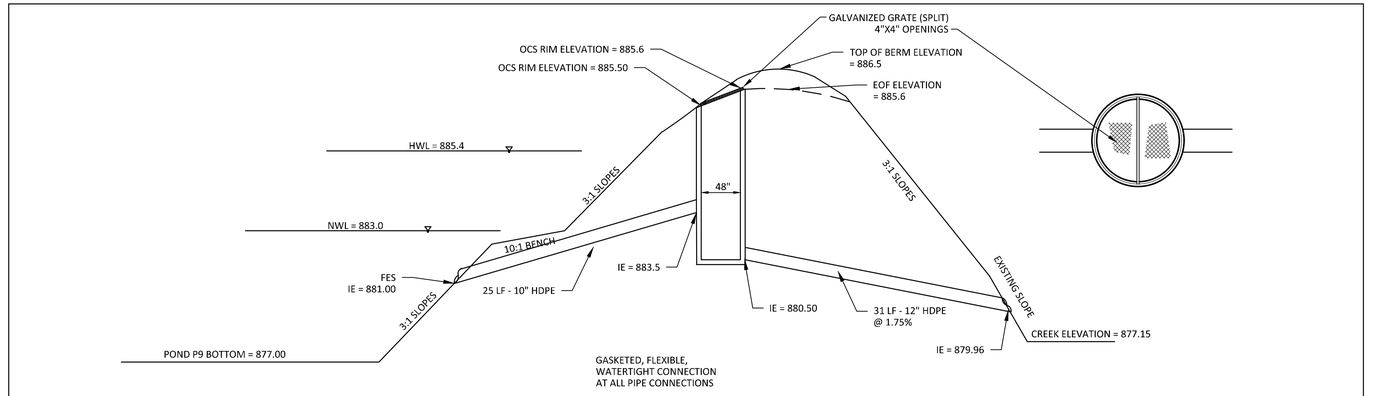
BASIN P7 OUTLET CONTROL STRUCTURE DETAIL/CROSS SECTION

N.T.S.



POND P8 OUTLET CONTROL STRUCTURE DETAIL/CROSS SECTION

N.T.S.



POND P9 OUTLET CONTROL STRUCTURE DETAIL/CROSS SECTION

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Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

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PRELIMINARY

Bradley D. McKenney
Registration No. 43239 Date: 12/01/2020

Plans, specifications, reports, or documents prepared by the Engineer are not to be used for any purpose other than the intended purpose for which they were prepared. Reuse of any such plan, specification, report, or document without written verification or adaptation by the Engineer for the specific purpose intended will be at the user's sole risk and without liability or legal exposure to the Engineer. Any such verification or adaptation will entitle the Engineer to further compensation at rates to be agreed upon by the user and the Engineer. Electronic files are available upon request at Sambatek, Minnetonka, MN office.

Summary

Designed: AKF Drawn: JGP
Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

Revision History

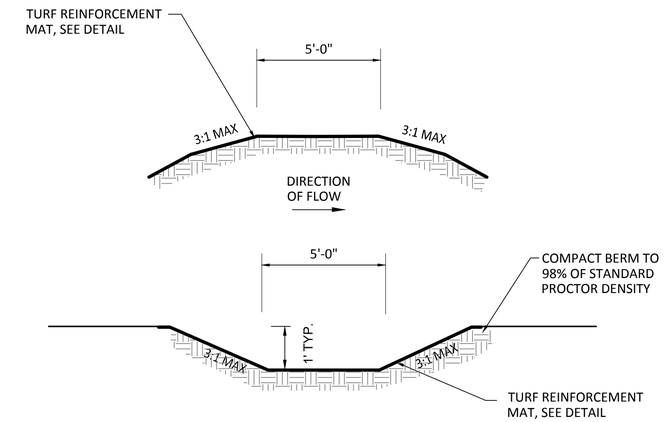
No.	Date	By	Submittal / Revision
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	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
DETAILS

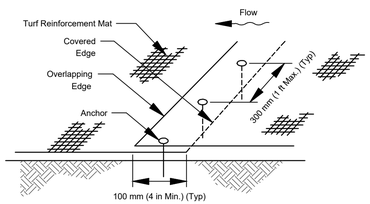
Sheet No. Revision
C9.02

Project No. 20637.11

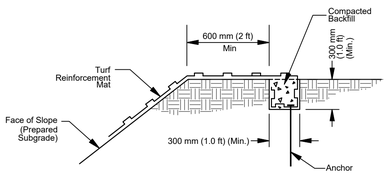
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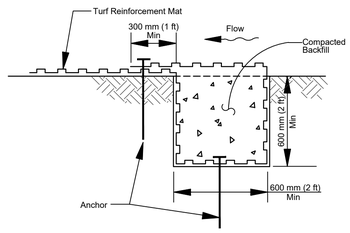
TYPICAL BASIN OVERFLOW



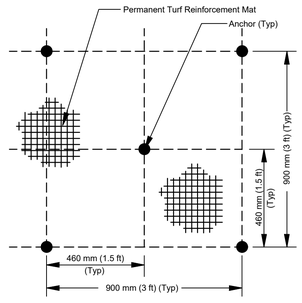
TURF REINFORCEMENT MAT OVERLAP JOINT (A1)



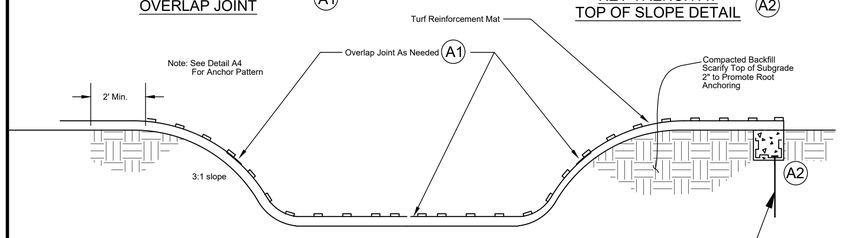
KEY TRENCH AT TOP OF SLOPE DETAIL (A2)



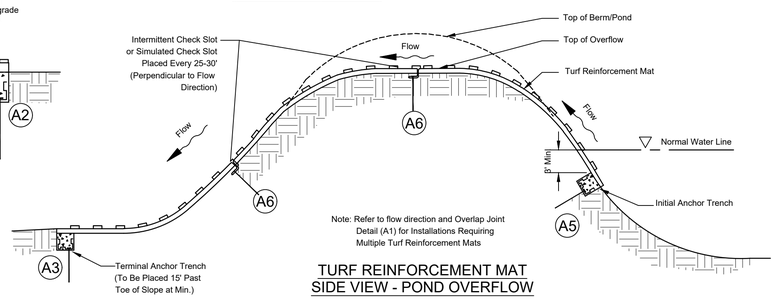
TERMINAL ANCHOR TRENCH (UPSTREAM) DETAIL (A3)



ANCHOR PATTERN (A4)

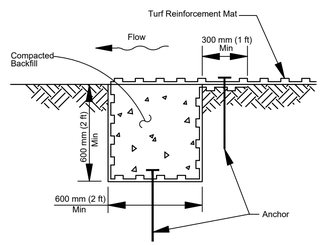


TURF REINFORCEMENT MAT SECTION VIEW - TOP OF POND OVERFLOW

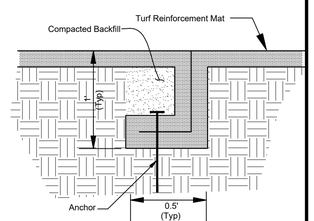


Note: Refer to flow direction and Overlap Joint Detail (A1) for Installations Requiring Multiple Turf Reinforcement Mats

TURF REINFORCEMENT MAT SIDE VIEW - POND OVERFLOW



INITIAL ANCHOR TRENCH (DOWNSTREAM) DETAIL (A5)



INTERMITTENT CHECK SLOT (A6)

TURF REINFORCEMENT MAT (TRM)

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OPPIDAN

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EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

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PRELIMINARY

Bradley D. McKenney
Registration No. 43239 Date: 12/01/2020

Plans, specifications, reports, or drawings not bearing the original signature of the licensed professional shall not be considered valid. The original signature of this person may be obtained upon request at Sambatek, Minnetonka, MN office.

Summary

Designed: AKF Drawn: JGP
Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

Revision History

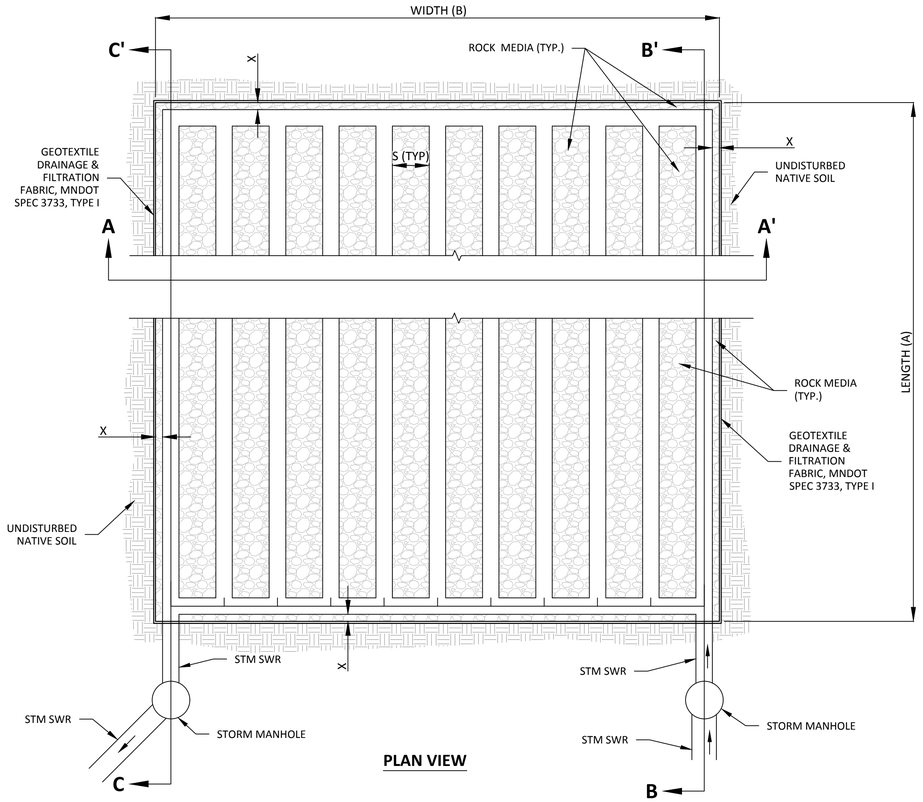
No.	Date	By	Submittal / Revision
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Sheet Title
DETAILS

Sheet No. Revision
C9.03

Project No. 20637.11

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PLAN VIEW

NOTES:

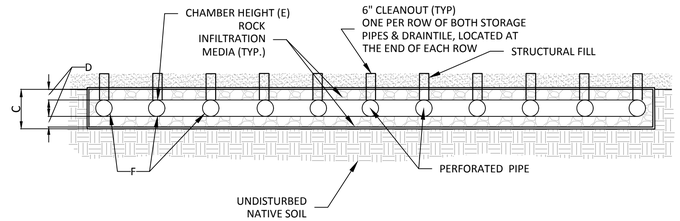
1. ROCK INFILTRATION MEDIA SHALL CONSIST OF AN OPEN GRADED ASTM NO. 2 CRUSHED STONE. LIMESTONE WILL NOT BE ACCEPTED

2. SHOP DRAWING SUBMITTALS FOR SUBSURFACE SYSTEMS SHALL INCLUDE INSTALLATION METHODS PER PIPE MANUFACTURER TO MAINTAIN STRUCTURAL CAPACITY OF PIPES. THE MATERIAL ON WHICH THE PIPE IS BEDDED SHALL BE SHAPED AND COMPACTED TO CONFORM TO THE BOTTOM OF THE PIPE, UP TO THE SPRINGLINE. (SEE NOTE #12 ON SHEET C6.01).

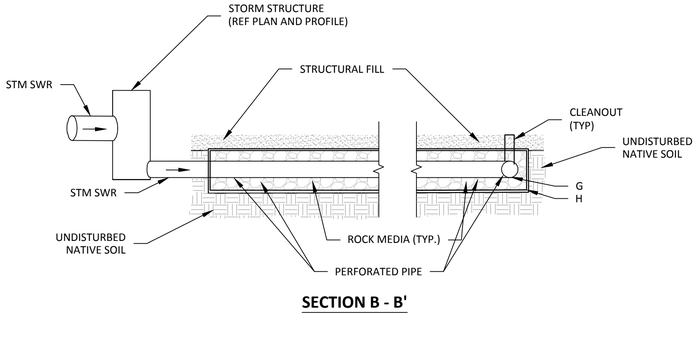
SUBSURFACE SYSTEMS

BMP	TYPE OF SYSTEM	LENGTH, FT (A)	WIDTH, FT (B)	SYSTEM DEPTH, FT (C)	PIPE COVER, IN (D)	PIPE SIZE, IN (E)	ROWS (F)	PIPE INVERT (G)	BOTTOM OF ROCK (H)	EDGE SPACING, IN (X)	PIPE SPACING, IN (S)	TOTAL STORAGE (CF)
P8.UG	PERF. CMP PIPE	232.00	44.50	6.00	6.0	60	6	884.50	884.00	12.0	30.0	41330.0

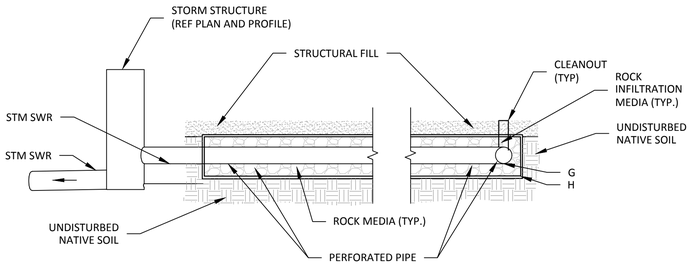
SUBSURFACE SYSTEMS



SECTION A - A'



SECTION B - B'



SECTION C - C'

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EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

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PRELIMINARY NOT FOR CONSTRUCTION

Bradley D. McKenney
Registration No. 43239 Date: 12/01/2020

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Summary
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Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

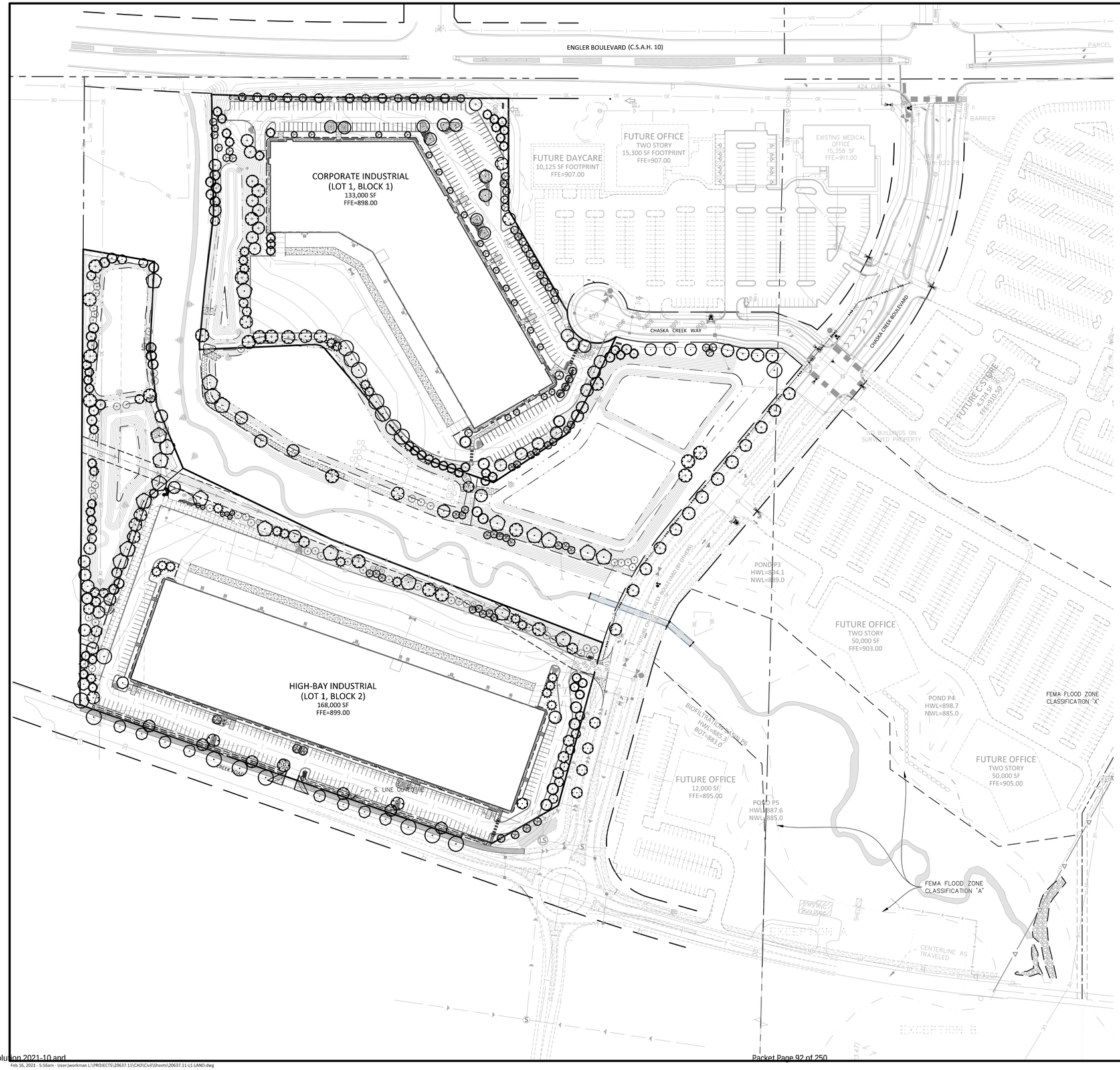
Revision History
No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
DETAILS

Sheet No. Revision
C9.04

Project No. 20637.11

Feb 01, 2021 - 2:28pm - User:afeldberg L:\PROJECTS\20637.11\CAD\Civil\Sheets\20637.11-C9-DETAILS.dwg



LEGEND

	PROPOSED	EXISTING
PROPERTY LIMIT		
CURB & GUTTER		
EASEMENT		
BUILDING		
RETAINING WALL		
WETLAND LIMITS		
TREELINE		
LANDSCAPE EDING		
STORM SEWER		
SANITARY SEWER		
FORCEMAIN (SAN.)		
WATERMAIN		
YARDDRAIN		
LIMITS OF DISTURBANCE		
SIGN		
PIPE BOLLARD		
RIPRAP		

STANDARD DUTY ASPHALT PAVING

CONCRETE PAVING

CONCRETE SIDEWALK

NORTH

0 100 200

SCALE IN FEET

CHASKA LANDSCAPE CODE

TREE SUMMARY :LOT1 BLOCK1	2.5"	3.0"	3.5"	4.0"	TOTALS
REQUIRED (CAL. IN):	292"	42"	42"	42"	418"
REQUIRED (TREES):	116	14	12	11	153
LOT1, BLOCK1 PROPOSED (CAL. IN):	170"	171"	49"	56"	**446"**
LOT1, BLOCK1 PROPOSED (TREES):	68	57	14	14	**153**

TREE SUMMARY :LOT1 BLOCK2	2.5"	3.0"	3.5"	4.0"	TOTALS
REQUIRED (CAL. IN):	368"	53"	53"	53"	527"
REQUIRED (TREE):	147	18	15	13	193
LOT1, BLOCK2 PROPOSED (CAL. IN):	288"	96"	119"	52"	**555"**
LOT1, BLOCK2PROPOSED (TREES):	115	32	34	13	**194**

ADDITIONAL REQUIREMENTS	L1B1 REQ.	L1B1 PROP.	L1B2 REQ.	L1B2 PROP
ORNAMENTAL TREES:	38	77	48	18
SHRUBS/PERENNIALS:	443	385	560	697
TOTALS REQUIRED/PROPOSED:	ORNAMENTAL TREES: 86/95		SHRUBS: 1,003/1,082	

TREE SCHEDULE

TREE SCHEDULE

TREES	CODE	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY
	AB	Acer freemanii `Autumn Blaze` / Autumn Blaze Maple	B & B	3"Cal.		11
	SG	Acer freemanii `Sienna Glen` / Sienna Glen Maple	B & B	2.5"Cal		17
	BE	Aesculus x arnoldiana `Autumn Splendor` / Autumn Splendor Buckeye	B & B	3"Cal.		8
	BNI	Betula nigra / River Birch	B & B	2.5"Cal		23
	BPA	Betula papyrifera `Whitespire` / Whitespire Birch	B & B	2.5"Cal		24
	WS	Betula papyrifera `Whitespire` / Whitespire Birch	B & B	Clump	10'	4
	HB	Celtis occidentalis / Common Hackberry	B & B	2.5"Cal		13
	GB	Ginkgo biloba `Autumn Gold` TM / Maidenhair Tree	B & B	4"CAL		15
	HL	Gleditsia triacanthos `Skyline` / Skyline Honey Locust	B & B	4"CAL		22
	KC	Gymnocladus dioica `Espresso` / Kentucky Coffeetree	B & B	3.5"Cal		13
	IW	Ostrya virginiana / American Hophornbeam	B & B	2.5"Cal		26
	SO	Quercus bicolor / Swamp White Oak	B & B	3"Cal.		23
	BO	Quercus macrocarpa / Burr Oak	B & B	2.5"Cal		25
	PE	Ulmus americana `Princeton` / American Elm	B & B	3.5"Cal		13
CONIFERS	CODE	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY
	JSM	Juniperus scopulorum `Medora` / Medora Juniper	B & B		6'	4
	JVI	Juniperus virginiana / Eastern Red Cedar	B & B		6'	51
	NS	Picea abies / Norway Spruce	B & B		7'	33
	BS	Picea glauca densata / Black Hills Spruce	B & B		8'	25
	WP	Pinus strobus / White Pine	B & B		7'	14
ORN. TREES	CODE	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY
	SB	Amelanchier canadensis `Autumn Brilliance` / Autumn Brilliance Serviceberry	B & B	2"Cal		19
	RE	Cercis canadensis / Eastern Redbud	B & B	2"Cal		6
	HT	Crataegus crus-galli `Inermis` / Thornless Hawthorn	B & B	2.5"Cal		15
	CC	Malus x `Coaralburst` / Coralburst Crabapple	B & B	2"Cal		12
	PF	Malus x `Prairifire` / Prairifire Crab Apple	B & B	2"Cal		31
	SS	Malus x `Spring Snow` / Spring Snow Crab Apple	B & B	2"Cal		12

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PRELIMINARY

Joshua J. McKinley
Registration No. 52234 Date: 12/01/2020

This certification is not valid unless wet signed in blue ink. If applicable, contact us for a wet signed copy of this survey which is available upon request at Sambatek, Minnetonka, MN office.

Summary

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Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

Revision History

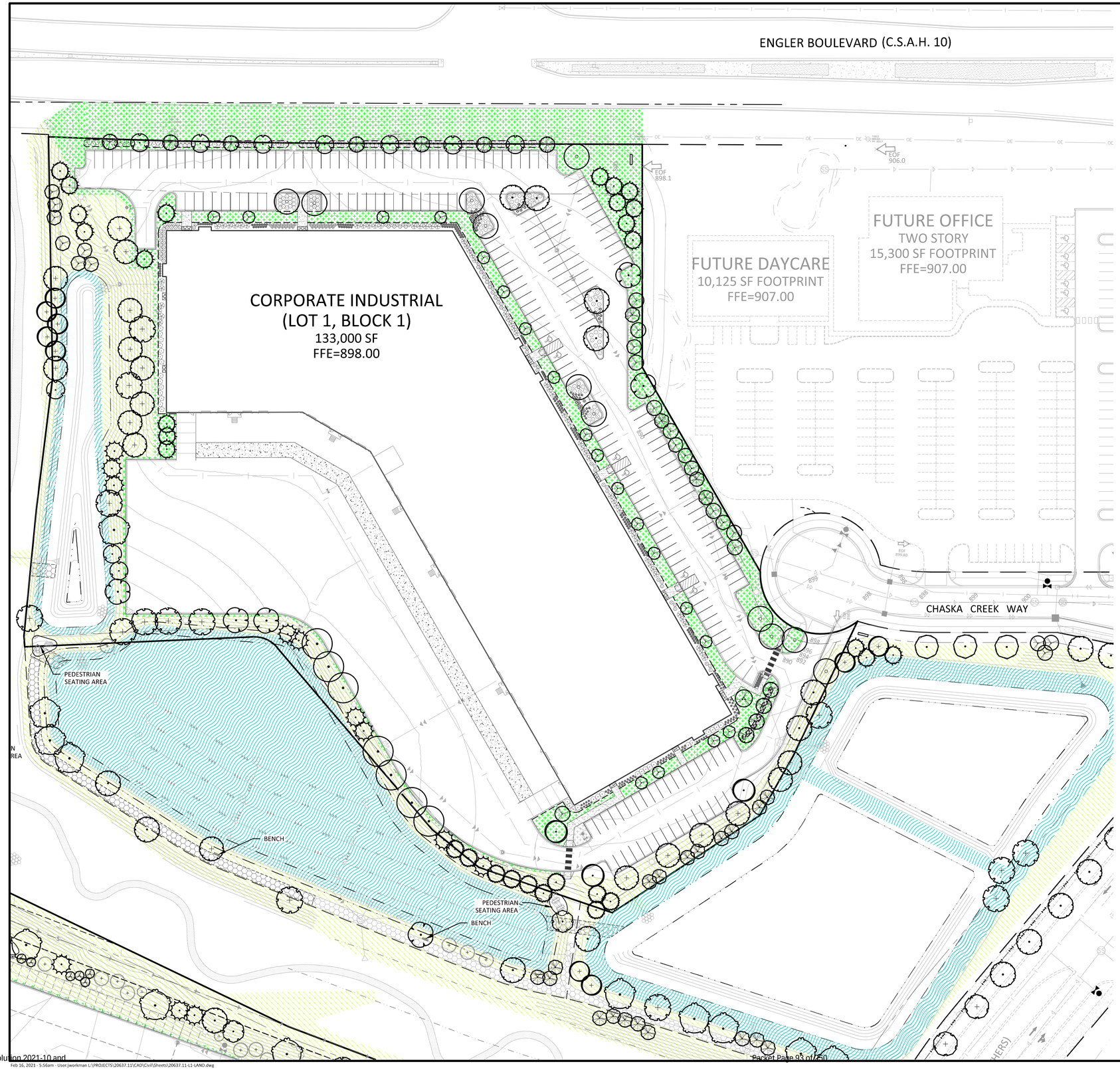
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	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
LANDSCAPE PLAN - OVERALL

Sheet No. Revision
L1.01

Project No. 20637.11

Feb 16, 2021 - 5:56am - User:jworkman L:\PROJECTS\20637.11\CAD\Civil\Sheets\20637.11-L1-LAND.dwg



LEGEND

	PROPOSED	EXISTING
PROPERTY LIMIT		
CURB & GUTTER		
EASEMENT		
BUILDING		
RETAINING WALL		
WETLAND LIMITS		WL
TREELINE		
LANDSCAPE EDING		
STORM SEWER	D	
SANITARY SEWER	S	
FORCEMAIN (SAN.)	LS FM	
WATERMAIN		
YARDDRAIN		
SIGN		
RIPRAP		

STANDARD DUTY ASPHALT PAVING

CONCRETE PAVING

CONCRETE SIDEWALK

NORTH

0 50 100

SCALE IN FEET

PLANT SCHEDULE

PLANT SCHEDULE OUTLOT A

TREES	CODE	BOTANICAL / COMMON NAME	CONT	CAL.	SIZE	QTY
	AB	Acer freemanii `Autumn Blaze` / Autumn Blaze Maple	B & B	3"Cal.		11
	SG	Acer freemanii `Sienna Glen` / Sienna Glen Maple	B & B	2.5"Cal		8
	BE	Aesculus x arnoldiana `Autumn Splendor` / Autumn Splendor Buckeye	B & B	3"Cal.		3
	BNI	Betula nigra / River Birch	B & B	2.5"Cal		9
	BPA	Betula papyrifera `Whitespire` / Whitespire Birch	B & B	2.5"Cal		9
	WS	Betula papyrifera `Whitespire` / Whitespire Birch	B & B	Clump	10`	1
	HB	Celtis occidentalis / Common Hackberry	B & B	2.5"Cal		6
	HL	Gleditsia triacanthos `Skyline` / Skyline Honey Locust	B & B	4"CAL		14
	KC	Gymnocladus dioica `Espresso` / Kentucky Coffeetree	B & B	3.5"Cal		1
	IW	Ostrya virginiana / American Hophornbeam	B & B	2.5"Cal		10
	SO	Quercus bicolor / Swamp White Oak	B & B	3"Cal.		14
	BO	Quercus macrocarpa / Burr Oak	B & B	2.5"Cal		17
	PE	Ulmus americana `Princeton` / American Elm	B & B	3.5"Cal		3
CONIFERS	CODE	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY
	JVI	Juniperus virginiana / Eastern Red Cedar	B & B		6`	9
	NS	Picea abies / Norway Spruce	B & B		7`	19
	BS	Picea glauca densata / Black Hills Spruce	B & B		8`	9
	WP	Pinus strobus / White Pine	B & B		7`	10
ORN. TREES	CODE	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY
	SB	Amelanchier canadensis `Autumn Brilliance` / Autumn Brilliance Serviceberry	B & B	2"Cal		19
	HT	Crataegus crus-galli `Inermis` / Thornless Hawthorn	B & B	2.5"Cal		11
	CC	Malus x `Coaralburst` / Coralburst Crabapple	B & B	2"Cal		12
	PF	Malus x `Prairifire` / Prairifire Crab Apple	B & B	2"Cal		23
	SS	Malus x `Spring Snow` / Spring Snow Crab Apple	B & B	2"Cal		12
SHRUBS	CODE	BOTANICAL / COMMON NAME	CONT			QTY
	RS	Amelanchier alnifolia `Regent` / Saskatoon Serviceberry	5 gal			14
	CAM	Cornus alba `Minbat` TM / Baton Rouge Dogwood	5 gal			59
	BH	Diervilla lonicera / Dwarf Bush Honeysuckle	5 gal			30
	SW	Physocarpus opulifolius `Summer Wine` / Summer Wine Ninebark	5 gal			18
	GL	Rhus aromatica `Gro-Low` / Gro-Low Fragrant Sumac	5 gal			87
	FS	Sorbaria sorbifolia `Sem` / Sem Ash Leaf Spirea	5 gal			74
	MK	Syringa patula `Miss Kim` / Miss Kim Lilac	5 gal			63
	WFR	Weigela florida `Red Prince` / Red Prince Weigela	5 gal			40
GRASSES	CODE	BOTANICAL / COMMON NAME	CONT			QTY
	KFG	Calamagrostis x acutiflora `Karl Foerster` / Feather Reed Grass	1 gal			158
	LBS	Schizachyrium scoparium `Blue Heaven` / Blue Heaven Little Bluestem	1 gal			46
	PDS	Sporobolus heterolepis / Prairie Dropseed	1 gal			37
PERENNIALS	CODE	BOTANICAL / COMMON NAME	CONT			QTY
	MSY	Achillea millefolium `Moonshine` / Yarrow	1 gal			26
	PDA	Aster novae-angliae `Purple Dome` / Purple Dome New England Aster	1 gal			28
	BIG	Geranium x cantabrigiense `Biokovo` / Biokovo Cranesbill	1 gal			28

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Client
OPPIDAN

400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

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

PRELIMINARY

Joshua J. McKinney
Registration No. 51234 Date: 12/01/2020

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Summary

Designed: AKF Drawn: JGP
Approved: BDB Book / Page:
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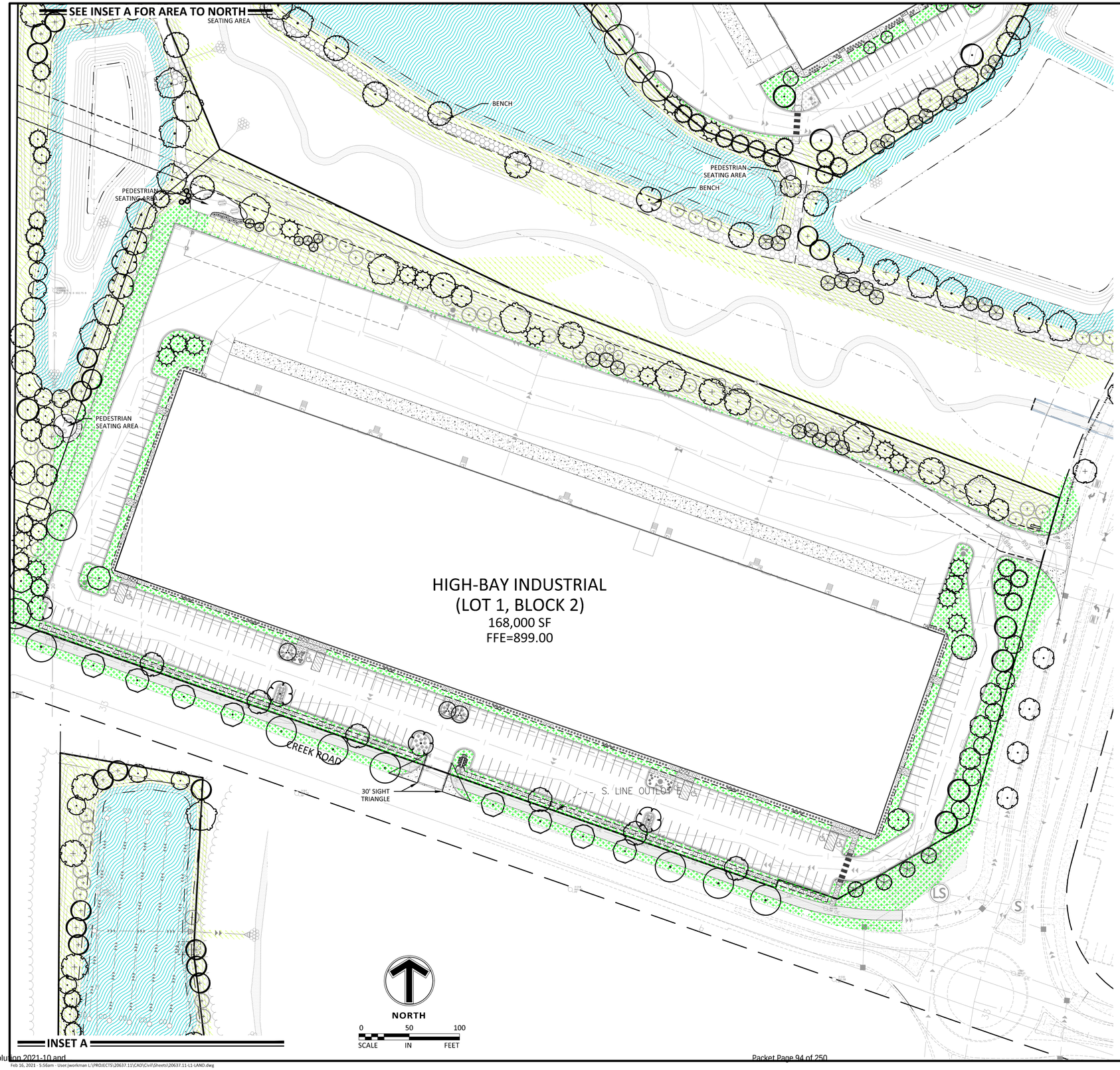
No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
LANDSCAPE PLAN - LOT 1 BLOCK 1

Sheet No. Revision
L1.02

Project No. 20637.11

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LEGEND

	PROPOSED	EXISTING		
PROPERTY LIMIT			STANDARD DUTY ASPHALT PAVING	
CURB & GUTTER				
EASEMENT			CONCRETE PAVING	
BUILDING				
RETAINING WALL			CONCRETE SIDEWALK	
WETLAND LIMITS		WL		
TREELINE				
LANDSCAPE EDING				
STORM SEWER	D	D		
SANITARY SEWER	S	S		
FORCEMAIN (SAN.)	LS FM	S		
WATERMAIN				
SIGN				
RIPRAP				

PLANT SCHEDULE

PLANT SCHEDULE OUTLOT E

TREES	CODE	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY
	SG	Acer freemanii `Sienna Glen` / Sienna Glen Maple	B & B	2.5"Cal		9
	BE	Aesculus x arnoldiana `Autumn Splendor` / Autumn Splendor Buckeye	B & B	3"Cal.		5
	BNI	Betula nigra / River Birch	B & B	2.5"Cal		14
	BPA	Betula papyrifera `Whitespire` / Whitespire Birch	B & B	2.5"Cal		15
	WS	Betula papyrifera `Whitespire` / Whitespire Birch	B & B	Clump	10'	3
	HB	Celtis occidentalis / Common Hackberry	B & B	2.5"Cal		7
	GB	Ginkgo biloba `Autumn Gold` TM / Maidenhair Tree	B & B	4"CAL		6
	HL	Gleditsia triacanthos `Skyline` / Skyline Honey Locust	B & B	4"CAL		4
	KC	Gymnocladus dioica `Espresso` / Kentucky Coffeetree	B & B	3.5"Cal		8
	IW	Ostrya virginiana / American Hophornbeam	B & B	2.5"Cal		16
	SO	Quercus bicolor / Swamp White Oak	B & B	3"Cal.		9
	BO	Quercus macrocarpa / Burr Oak	B & B	2.5"Cal		8
	PE	Ulmus americana `Princeton` / American Elm	B & B	3.5"Cal		10
CONIFERS	CODE	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY
	JSM	Juniperus scopulorum `Medora` / Medora Juniper	B & B		6'	4
	JVI	Juniperus virginiana / Eastern Red Cedar	B & B		6'	42
	NS	Picea abies / Norway Spruce	B & B		7'	14
	BS	Picea glauca densata / Black Hills Spruce	B & B		8'	16
	WP	Pinus strobus / White Pine	B & B		7'	4
ORN. TREES	CODE	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY
	RE	Cercis canadensis / Eastern Redbud	B & B	2"Cal		6
	HT	Crataegus crus-galli `Inermis` / Thornless Hawthorn	B & B	2.5"Cal		4
	PF	Malus x `Prairifire` / Prairifire Crab Apple	B & B	2"Cal		8
SHRUBS	CODE	BOTANICAL / COMMON NAME	CONT			QTY
	RS	Amelanchier alnifolia `Regent` / Saskatoon Serviceberry	5 gal			52
	CD	Cornus sericea `Alleman's Compact` / Dwarf Red Twig Dogwood	5 gal			78
	BH	Diervilla lonicera / Dwarf Bush Honeysuckle	5 gal			51
	FNG	Forsythia x `Northern Gold` / Northern Gold Forsythia	5 gal			17
	HAV	Hamamelis virginiana / Common Witch Hazel	5 gal			10
	JCM	Juniperus chinensis `Maneyi` / Maney Juniper	5 gal			8
	FS	Sorbaria sorbifolia `Sem` / Sem Ash Leaf Spirea	5 gal			24
	GS	Spiraea japonica `Goldflame` / Spirea	5 gal			73
	WFR	Weigela florida `Red Prince` / Red Prince Weigela	5 gal			45
GRASSES	CODE	BOTANICAL / COMMON NAME	CONT			QTY
	SWG	Panicum virgatum `Shenendoah` / Burgundy Switch Grass	1 gal			14
	LBS	Schizachyrium scoparium `Blue Heaven` / Blue Heaven Little Bluestem	1 gal			243
PERENNIALS	CODE	BOTANICAL / COMMON NAME	CONT			QTY
	PDA	Aster novae-angliae `Purple Dome` / Purple Dome New England Aster	1 gal			66
	BIG	Geranium x cantabrigiense `Biokovo` / Biokovo Cranesbill	1 gal			16

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CHASKA CREEK INDUSTRIAL

Location
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PRELIMINARY

Joshua J. McKinney
Registration No. 43234 Date: 12/01/2020

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Sheet Title
LANDSCAPE PLAN - LOT 1 BLOCK 2

Sheet No. Revision
L1.03

Project No. 20637.11

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LEGEND

	PROPOSED	EXISTING
PROPERTY LIMIT		
CURB & GUTTER		
EASEMENT		
BUILDING		
RETAINING WALL		
WETLAND LIMITS		WL
TREELINE		
LANDSCAPE EDING		
STORM SEWER	D	
SANITARY SEWER	S	S
FORCEMAIN (SAN.)	LS	FM S
WATERMAIN		
YARDDRAIN		
LIMITS OF DISTURBANCE		
SIGN		
PIPE BOLLARD		
RIPRAP		

STANDARD DUTY ASPHALT PAVING	
CONCRETE PAVING	
CONCRETE SIDEWALK	

GROUNDCOVER SCHEDULE

GROUNDCOVER SCHEDULE

GROUND COVERS	CODE	BOTANICAL / COMMON NAME	CONT
	33-261	MNDOT Seed Mix 33-261 / Ponds and Wet Areas	Seed
	35-221	MNDOT Seed Mix 35-221 / Dry Prairie General	Seed
	TUR HIG	Turf Sod Highland Sod / Sod	Sod

NORTH

0 80 160

SCALE IN FEET

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PRELIMINARY

Joshua J. McKinley
Registration No. 51234 Date: 12/01/2020

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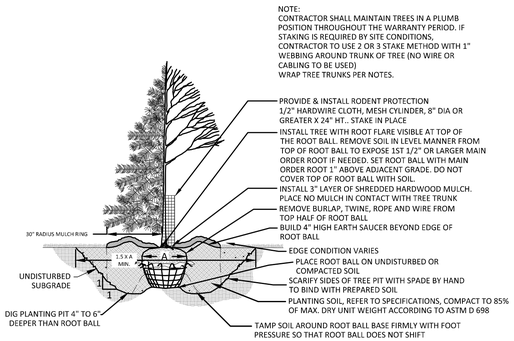
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Sheet Title
GROUNDCOVER PLAN

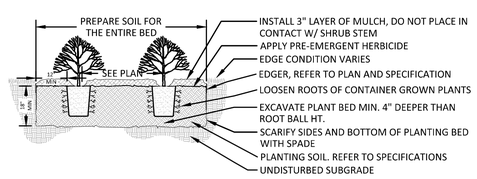
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Project No. 20637.11

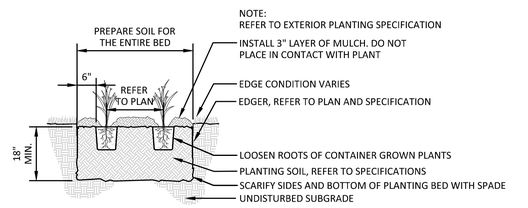
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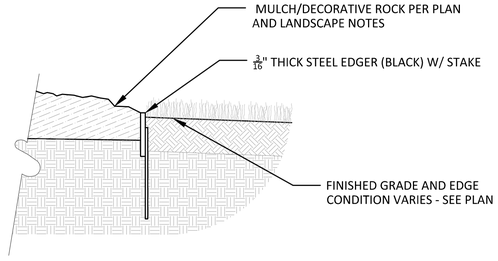
1 L1.05 TREE PLANTING DETAIL
1/4" = 1'-0" P-01



2 L1.05 SHRUB PLANTING DETAIL
3/8" = 1'-0" P-02



3 L1.05 PERENNIAL PLANTING DETAIL
1/2" = 1'-0" P-03



4 L1.05 STEEL EDGER
1 1/2" = 1'-0" P-06

NOTES

GENERAL NOTES:

1. THE CONTRACTOR SHALL INSPECT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS RELATING TO THE NATURE AND SCOPE OF THE WORK.
2. THE CONTRACTOR SHALL VERIFY PLAN LAYOUT AND BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN OR INTENT OF THE LAYOUT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE CODES, REGULATIONS, AND PERMITS GOVERNING THE WORK.
4. THE CONTRACTOR SHALL PROTECT EXISTING ROADS, CURBS/GUTTERS, TRAILS, TREES, LAWNS AND SITE ELEMENTS DURING CONSTRUCTION. DAMAGE TO SAME SHALL BE REPAIRED AND/OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
5. LOCATE AND VERIFY ALL UTILITIES, INCLUDING IRRIGATION LINES, WITH THE OWNER FOR PROPRIETARY UTILITIES AND GOPHER STATE ONE CALL 48 HOURS BEFORE DIGGING. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ANY DAMAGES TO SAME. NOTIFY THE LANDSCAPE ARCHITECT OF ANY CONFLICTS TO FACILITATE PLANT RELOCATION.
6. **THE LANDSCAPE CONTRACTOR SHALL COORDINATE THE PHASES OF CONSTRUCTION AND PLANTING INSTALLATION WITH OTHER CONTRACTORS WORKING ON SITE.**
7. THE CONTRACTOR SHALL REVIEW THE SITE FOR DEFICIENCIES IN SITE CONDITIONS WHICH MIGHT NEGATIVELY AFFECT PLANT ESTABLISHMENT, SURVIVAL OR WARRANTY. UNDESIRABLE SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK.
8. THE PLAN TAKES PRECEDENCE OVER THE LANDSCAPE LEGEND IF DISCREPANCIES EXIST. QUANTITIES SHOWN IN THE PLANTING SCHEDULE ARE FOR THE CONTRACTOR'S CONVENIENCE. CONTRACTOR TO VERIFY QUANTITIES SHOWN ON THE PLAN.
9. THE SPECIFICATIONS TAKE PRECEDENCE OVER THE PLANTING NOTES AND GENERAL NOTES.
10. EXISTING TREES AND SHRUBS TO REMAIN SHALL BE PROTECTED TO THE DRIP LINE FROM ALL CONSTRUCTION TRAFFIC, STORAGE OF MATERIALS ETC. WITH 4' HT. ORANGE PLASTIC SAFETY FENCING ADEQUATELY SUPPORTED BY STEEL FENCE POSTS 6' O.C. MAXIMUM SPACING.
11. LONG-TERM STORAGE OF MATERIALS OR SUPPLIES ON-SITE WILL NOT BE ALLOWED.
12. CONTRACTOR SHALL REQUEST IN WRITING, A FINAL ACCEPTANCE INSPECTION.

PLANTING NOTES:

1. NO PLANTS SHALL BE INSTALLED UNTIL FINAL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
2. A GRANULAR PRE-EMERGENT HERBICIDE SHALL BE APPLIED TO ALL PLANT BEDS AT THE MANUFACTURERS RECOMMENDED RATE PRIOR TO PLANT INSTALLATION.
3. ALL PLANTING STOCK SHALL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK," ANSI-Z60, LATEST EDITION, OF THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIALS.
4. OVERSTORY TREES SHALL BEGIN BRANCHING NO LOWER THAN 6' ABOVE PAVED SURFACES.
5. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASE AND BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED IN THE LANDSCAPE LEGEND.
6. PLANT MATERIALS TO BE INSTALLED PER PLANTING DETAILS.
7. ALL TREES MUST BE STRAIGHT TRUNKED AND FULL HEADED AND MEET ALL REQUIREMENTS SPECIFIED.
8. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS WHICH ARE DEEMED UNSATISFACTORY BEFORE, DURING, OR AFTER INSTALLATION.
9. NO SUBSTITUTIONS OF PLANT MATERIAL SHALL BE ACCEPTED UNLESS APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT.
10. ALL PLANT MATERIAL QUANTITIES, SHAPES OF BEDS AND LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANTING BEDS AT SPACING SHOWN AND ADJUSTED TO CONFORM TO THE EXACT CONDITIONS OF THE SITE. THE LANDSCAPE ARCHITECT SHALL APPROVE THE STAKING LOCATION OF ALL PLANT MATERIALS PRIOR TO INSTALLATION.
11. ALL PLANTING AREAS MUST BE COMPLETELY MULCHED AS SPECIFIED.
12. MULCH: DOUBLE SHREDDED HARDWOOD MULCH, CLEAN AND FREE OF NOXIOUS WEEDS OR OTHER DELETERIOUS MATERIAL, IN ALL MASS PLANTING BEDS AND FOR TREES, UNLESS INDICATED AS ROCK MULCH ON DRAWINGS. SUBMIT SAMPLE TO LANDSCAPE ARCHITECT PRIOR TO DELIVERY ON-SITE FOR APPROVAL. DELIVER MULCH ON DAY OF INSTALLATION. USE 3" FOR SHRUB BEDS, TREE RINGS, AND 3" FOR PERENNIAL/GROUND COVER BEDS, UNLESS OTHERWISE DIRECTED.
13. BUILDING MAINTENANCE STRIP: WHERE NO LANDSCAPE PLANTING BEDS EXIST ADJACENT TO A BUILDING FOUNDATION, CONTRACTOR SHALL INSTALL A DECORATIVE ROCK MAINTENANCE STRIP PER PLAN. DECORATIVE ROCK SHALL BE 2" WASHED RIVER ROCK .
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MULCHES AND PLANTING SOIL QUANTITIES TO COMPLETE THE WORK SHOWN ON THE PLAN.
15. USE ANTI-DESICCANT (WILTPRUF OR APPROVED EQUAL) ON DECIDUOUS PLANTS MOVED IN LEAF AND FOR EVERGREENS MOVED ANYTIME. APPLY AS PER MANUFACTURER'S INSTRUCTION. ALL EVERGREENS SHALL BE SPRAYED IN THE LATE FALL FOR WINTER PROTECTION DURING WARRANTY PERIOD.
16. WRAP ALL SMOOTH-BARKED DECIDUOUS TREES PLANTED IN THE FALL PRIOR TO DECEMBER 1 AND REMOVE WRAPPING AFTER MAY 1. TREE WRAPPING MATERIAL SHALL BE WHITE TWO-WALLED PLASTIC SHEETING APPLIED FROM TRUNK FLARE TO THE FIRST BRANCH.
17. ALL DECIDUOUS, PINE, AND LARCH PLANTINGS SHALL RECEIVE RODENT PROTECTION PER MNDOT 2571.31.2
18. PLANTING SOIL FOR TREES, SHRUBS AND GROUND COVERS: FERTILE FRIABLE LOAM CONTAINING A LIBERAL AMOUNT (4% MIN.) OF HUMUS AND CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH. IT SHALL COMPLY WITH MNDOT SPECIFICATION 3877 TYPE B SELECT TOPSOIL. MIXTURE SHALL BE FREE FROM HARDPACK SUBSOIL, STONES, CHEMICALS, NOXIOUS WEEDS, ETC. SOIL MIXTURE SHALL HAVE A PH BETWEEN 6.1 AND 7.5 AND 10-0-10 FERTILIZER AT THE RATE OF 3 POUNDS PER CUBIC YARD. IN PLANTING BEDS INCORPORATE THIS MIXTURE THROUGHOUT THE ENTIRE BED IN A 6" LAYER AND ROTO-TILLING IT INTO THE TOP 12" OF SOIL AT A 1:1 RATIO.ANY PLANT STOCK NOT PLANTED ON DAY OF DELIVERY SHALL BE HEELED IN AND WATERED UNTIL INSTALLATION. PLANTS NOT MAINTAINED IN THIS MANNER WILL BE REJECTED.
19. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT EACH EXCAVATED TREE AND SHRUB PIT WILL PERCOLATE PRIOR TO INSTALLING PLANTING MEDIUM AND PLANTS. THE CONTRACTOR SHALL FILL THE BOTTOM OF SELECTED HOLES WITH SIX INCHES OF WATER AND CONFIRM THAT THIS WATER WILL PERCOLATE WITHIN A 24-HOUR PERIOD. IF THE SOIL AT A GIVEN AREA DOES NOT DRAIN PROPERLY, A PVC DRAIN OR GRAVEL SUMP SHALL BE INSTALLED OR THE PLANTING SHALL BE RELOCATED IF DIRECTED BY THE LANDSCAPE ARCHITECT.
20. ALL PLANTS SHALL BE GUARANTEED FOR TWO COMPLETE GROWING SEASONS (APRIL 1 - NOVEMBER 1), UNLESS OTHERWISE SPECIFIED. THE GUARANTEE SHALL COVER THE FULL COST OF REPLACEMENT INCLUDING LABOR AND PLANTS.
21. CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AT LEAST 3 DAYS PRIOR TO PLANNED DELIVERY. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AT LEAST 24 HOURS IN ADVANCE OF BEGINNING PLANT INSTALLATION.
22. SEASONS/TIME OF PLANTING AND SEEDING: NOTE: THE CONTRACTOR MAY ELECT TO PLANT IN OFF-SEASONS ENTIRELY AT HIS/HER RISK.
    - 22.1. POTTED PLANTS: 4/1 - 6/1; 9/21 - 11/1
    - 22.2. DECIDUOUS /B&B: 4/1 - 6/1; 9/21 - 11/1
    - 22.3. EVERGREEN POTTED PLANTS: 4/1 - 6/1; 9/21-11/1
    - 22.4. EVERGREEN B&B: 4/1 - 5/1; 9/21 - 11/1
    - 22.5. TURF/LAWN SEEDING: 4/1 - 6/1; 7/20 - 9/20
    - 22.6. NATIVE MIX SEEDING: 4/15 - 7/20; 9/20-10/20
23. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER EACH PORTION OF THE WORK IS IN PLACE. PLANT MATERIAL SHALL BE PROTECTED AND MAINTAINED UNTIL THE INSTALLATION OF THE PLANTS IS COMPLETE, INSPECTION HAS BEEN MADE, AND PLANTINGS ARE ACCEPTED EXCLUSIVE OF THE GUARANTEE. MAINTENANCE SHALL INCLUDE WATERING, CULTIVATING, MULCHING, REMOVAL OF DEAD MATERIALS, RE-SETTING PLANTS TO PROPER GRADE AND KEEPING PLANTS IN A PLUMB POSITION. AFTER ACCEPTANCE, THE OWNER SHALL ASSUME MAINTENANCE RESPONSIBILITIES. HOWEVER, THE CONTRACTOR SHALL CONTINUE TO BE RESPONSIBLE FOR KEEPING THE TREES PLUMB THROUGHOUT THE GUARANTEE PERIOD.
24. ANY PLANT MATERIAL WHICH DIES, TURNS BROWN, OR DEFOLIATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL LANDSCAPE LEGEND SPECIFICATIONS.
25. WATERING: MAINTAIN A WATERING SCHEDULE WHICH WILL THOROUGHLY WATER ALL PLANTS ONCE A WEEK. IN EXTREMELY HOT, DRY WEATHER, WATER MORE OFTEN AS REQUIRED BY INDICATIONS OF HEAT STRESS SUCH AS WILTING LEAVES. CHECK MOISTURE UNDER MULCH PRIOR TO WATERING TO DETERMINE NEED. CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS FOR WATER.

TURF NOTES:

TURF ESTABLISHMENT SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE PROVISIONS OF THE MN/DOT 2105 AND 2575 EXCEPT AS MODIFIED BELOW:

1. ALL AREAS TO RECEIVE SOD SHALL ALSO RECEIVE 6" OF TOPSOIL PRIOR TO INSTALLING SOD. TOPSOIL SHALL BE FREE OF TREE ROOTS, STUMPS, BUILDING MATERIAL, AND TRASH, AND SHALL BE FREE OF STONES LARGER THAN 1½" INCHES IN ANY DIMENSION.
2. WHERE SOD ABUTS PAVED SURFACES, FINISHED GRADE OF SOD/SEED SHALL BE HELD 1" BELOW SURFACE ELEVATION OF TRAIL, SLAB, CURB, ETC.
3. SOD SHALL BE LAID PARALLEL TO THE CONTOURS AND SHALL HAVE STAGGERED JOINTS. ON SLOPES STEEPER THAN 3:1 OR IN DRAINAGE SWALES, SOD SHALL BE STAKED SECURELY.
4. TURF ON ALL OTHER AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED BY SEEDING, MULCHING AND FERTILIZING. SEED MIXTURE NO.35-221 WILL BE PLACED AT THE RATE OF 36.5 POUNDS PER ACRE.
5. ALL DISTURBED AREAS TO BE TURF SEEDED, ARE TO RECEIVE 6" TOP SOIL, SEED, MULCH, AND WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. FOR SLOPES STEEPER THAN 3:1 OR IN DRAINAGE SWALES INSTALL EROSION CONTROL BLANKET.
6. ALL DISTURBED AREAS TO RECEIVE NATIVE SEED, ARE TO RECEIVE PLANTING SOIL, SEED, MULCH, AND WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. FOR SLOPES STEEPER THAN 3:1 OR IN DRAINAGE SWALES INSTALL EROSION CONTROL BLANKET.

GENERAL TREE SPECIFICATIONS:

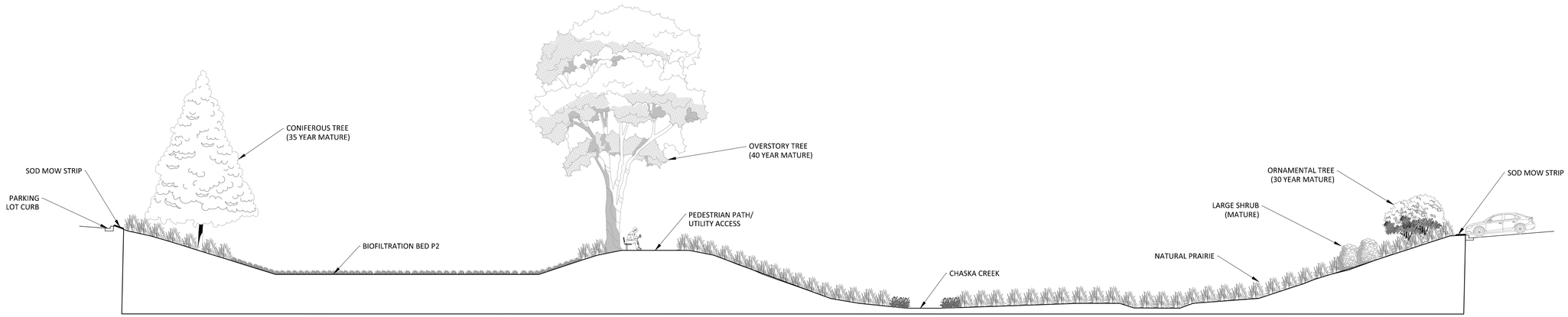
1. ALL STREET AND PARKING LOT TREES SHALL BE LIMBED UP TO THE FOLLOWING HEIGHTS:
   - 1.1. 2" CAL. TREES: LOWEST BRANCH 6' HT.
   - 1.2. 3" CAL+ TREES: LOWEST BRANCH 7' HT.
2. TREE CANOPY WIDTH SHALL BE RELATIVE TO HEIGHT/CALIPER OF TREE AND TYPE OF TREE.
   - 2.1. 1" CALIPER/6-8' HT: 3-4' WIDTH MIN.
   - 2.2. 2" CALIPER/12-14' HT: 4-5' WIDTH MIN.
   - 2.3. 3" CALIPER/14-16' HT: 6-7' WIDTH MIN.
3. CANOPY TREES SHALL NOT HAVE CO-DOMINATE LEADERS IN LOWER HALF OF TREE CROWN.
4. ALL TREES SHALL HAVE SYMMETRICAL OR BALANCED BRANCHING ON ALL SIDES OF THE TREE.
5. TREES SHALL NOT BE TIPPED PRUNED.
6. TREES SHALL BE FREE OF PHYSICAL DAMAGE FROM SHIPPING AND HANDLING. DAMAGED TREES SHALL BE REJECTED.
7. SUMMER DUG TREES SHALL HAVE ROOTBALL SIZE INCREASED BY 20%
8. TREES WHICH EXCEED RECOMMENDED CALIPER TO HEIGHT RELATIONSHIP SHALL BE REJECTED.

IRRIGATION NOTES:

1. IRRIGATION SYSTEM TO BE DESIGN/BUILD. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL OF SYSTEM LAYOUT PRIOR TO INSTALLATION.
2. ALL SOD TO RECEIVE SPRAY OR ROTOR IRRIGATION HEADS WITH MINIMUM DESIGN OF 1" IRRIGATION PER WEEK.
3. ALL PLANT BEDS TO RECEIVE DRIP LINE IRRIGATION , WITH A MINIMUM DESIGN OF .25" IRRIGATION PER WEEK.

LOW MAINTENANCE FESCUE NOTES:

1. DURING GROWING SEASON NEVER MOW SHORTER THAN 3.5 INCHES, PREFERRED MAINTENANCE IS MOW ONCE PER MONTH AT 5" HEIGHT
2. DO NOT USE HIGH NITROGEN FERTILIZER ON FESCUE LAWN
3. OVERSEED THIN,BARE SPOTS IN FALL
4. ALWAYS USE SHARP BLADE WHEN MOWING TO AVOID TEARING LEAF BLADE
5. SET MOWER TO 3" FOR BAGGING AND MOWING IN LATE FALL AFTER GROWING SEASON



5 L1.05 SCREENING SECTION - CREEK
1" = 1'-0" P-CH-01

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Client
OPPIDAN

400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

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

PRELIMINARY

Joshua J. McKinley
Registration No. 43234 Date: 12/01/2020

This certification is not valid unless wet signed in blue ink. If applicable, contact us for a wet signed copy of this survey which is available upon request at Sambatek, Minnetonka, MN office.

Summary

Designed: AKF Drawn: JGP
Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

Revision History

No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
LANDSCAPE DETAILS & NOTES

Sheet No. Revision
L1.05

Project No. 20637.11

Feb 16, 2021 - 5:56am - User:jworkman L:\PROJECTS\20637.11\CAD\Civil\Sheets\20637.11-L1-LAND.dwg

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	LLF	Description	Arr. Watts	Lum. Lumens
	2	AA2	BACK-BACK	0.900	RAYON T322LEDB-300-UNI12-40-T5 MOUNT ON 25FT POLE WITH 3FT BASE	599.8	39738
	11	BB	SINGLE	0.900	RAYON T322LEDB-300-UNI12-40-T3-HS MOUNT ON 25FT POLE WITH 3FT BASE	298.3	28979
	5	CC	SINGLE	0.900	RAYON T322LEDB-300-UNI12-40-T4-HS MOUNT ON 25FT POLE WITH 3FT BASE	306.2	27876
	26	DD	SINGLE	0.900	RAYON T631LED-119-XXX-40-T4_0 WALL MOUNT AT APPROX 20FT	119.58	11980

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE GROUND	Illuminance	Fc	1.29	14.5	0.0	N.A.	N.A.
EAST PARKING	Illuminance	Fc	4.60	14.0	1.0	4.60	14.00
NORTH PARKING	Illuminance	Fc	4.45	12.0	1.0	4.45	12.00
SOUTH PARKING	Illuminance	Fc	4.72	11.4	2.4	1.97	4.75



TYPE AA2, BB & CC



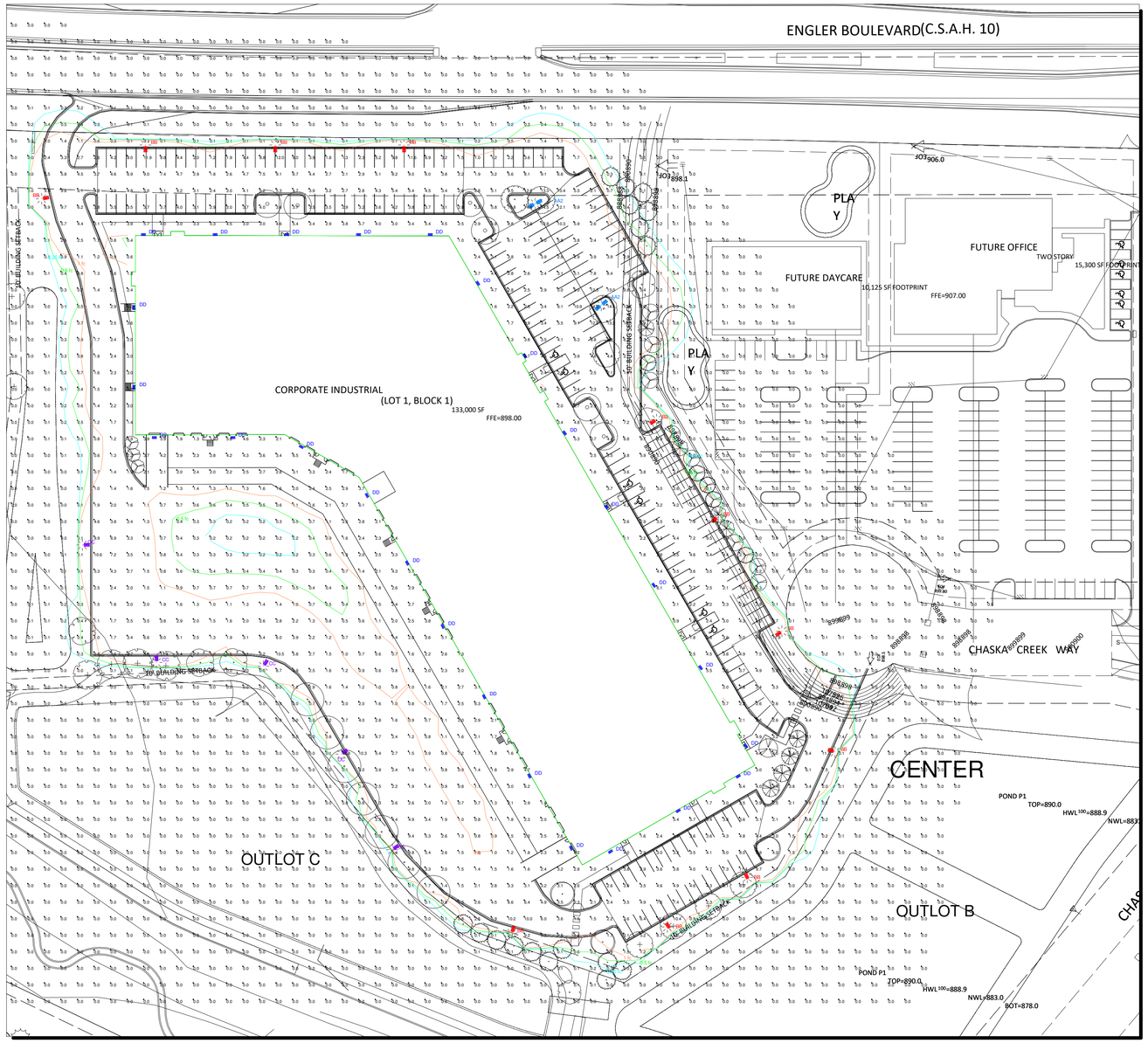
TYPE DD

GENERAL NOTES:

A. PULSE PRODUCTS DOES NOT ASSUME RESPONSIBILITY FOR THE INTERPRETATION OF THIS CALCULATION OR COMPLAINCE TO THE LOCAL, STATE, OR FEDERAL LIGHTNG CODES OR ORDINANCES.

B. LIGHTING LAYOUT IS NOT INTENDED FOR CONSTRUCTION DOCUMENTS BUT ONLY TO ILLUSTRATE THE PERFORMANCE OF THE PRODUCT.

C. ALL READINGS/CALCULATIONS SHOWN ARE SHOWN ON OBJECTS/SURFACES.



Plan View
Scale: 1 inch= 60 Ft.

PULSE never ordinary

#	Date	Comments
Revisions		

Drawn By: SANDY
Checked By: TRENT
Date:12/1/2020
Scale: AS NOTED

CHASKA CREEK
LOT 1 BLOCK 1

PAGE 1 OF 1

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	LLF	Description	Arr. Watts	Lum. Lumens
	13	BB	SINGLE	0.900	RAYON T322LEDB-300-UNI12-40-T3-HS MOUNT ON 25FT POLE WITH 3FT BASE	298.3	28979
	8	CC	SINGLE	0.900	RAYON T322LEDB-300-UNI12-40-T4-HS MOUNT ON 25FT POLE WITH 3FT BASE	306.2	27876
	28	DD	SINGLE	0.900	RAYON T631LED-119-XXX-40-T4_0 WALL MOUNT AT APPROX 20FT	119.58	11980

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE GROUND	Illuminance	Fc	1.31	12.6	0.0	N.A.	N.A.
EAST PARKING	Illuminance	Fc	2.07	3.3	1.6	1.29	2.06
NORTH PARKING	Illuminance	Fc	4.85	11.2	1.6	3.03	7.00
SOUTH PARKING	Illuminance	Fc	4.93	12.6	1.8	2.74	7.00
WEST PARKING	Illuminance	Fc	4.97	11.8	2.2	2.26	5.36



TYPE AA2, BB & CC



TYPE DD

GENERAL NOTES:

A. PULSE PRODUCTS DOES NOT ASSUME RESPONSIBILITY FOR THE INTERPRETATION OF THIS CALCULATION OR COMPLAINCE TO THE LOCAL, STATE, OR FEDERAL LIGHTNG CODES OR ORDINANCES.

B. LIGHTING LAYOUT IS NOT INTENDED FOR CONSTRUCTION DOCUMENTS BUT ONLY TO ILLUSTRATE THE PERFORMANCE OF THE PRODUCT.

C. ALL READINGS/CALCULATIONS SHOWN ARE SHOWN ON OBJECTS/SURFACES.



Plan View
Scale: 1 inch= 60 Ft.

PULSE never ordinary

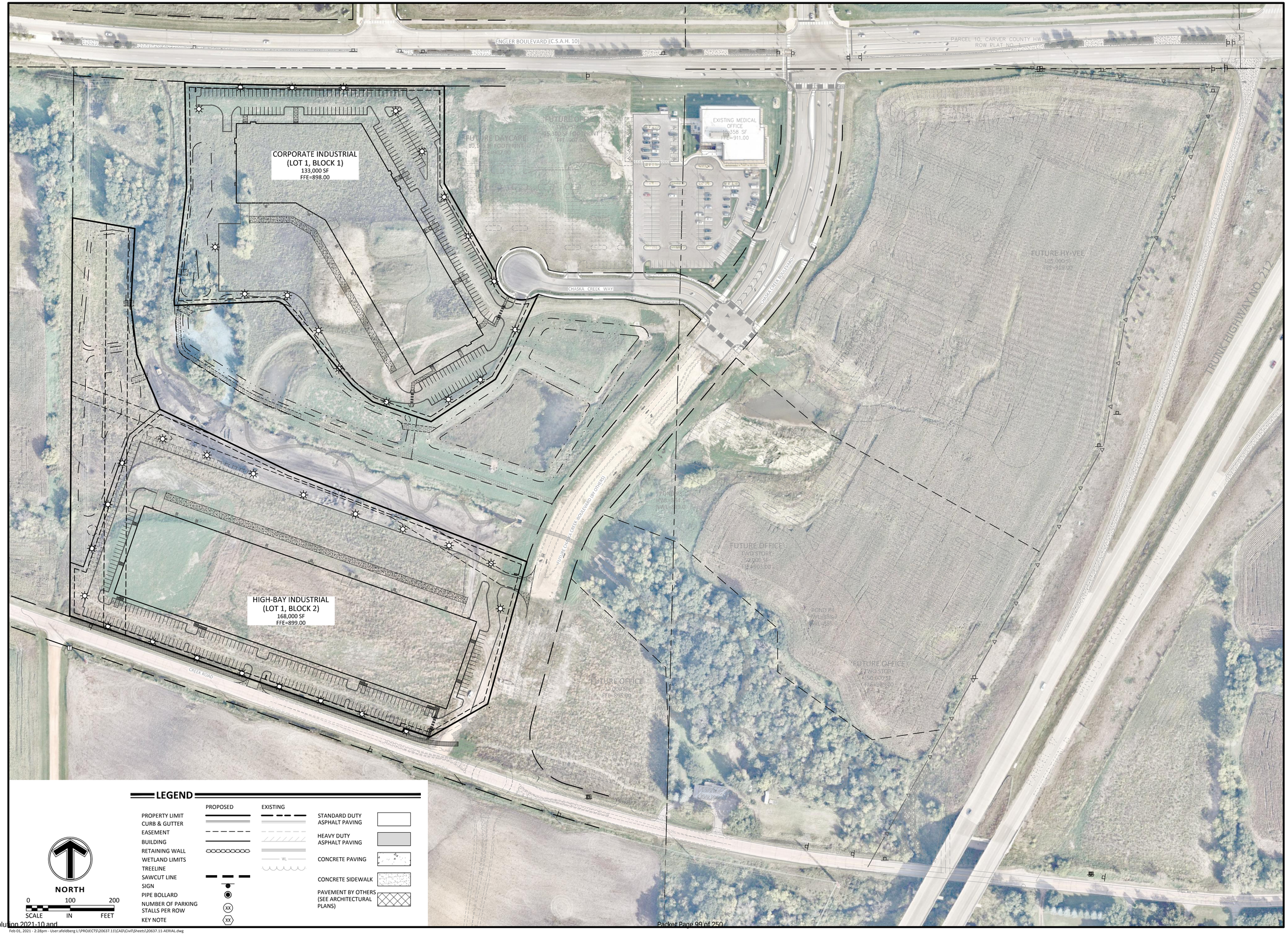
#	Date	Comments
Revisions		

Drawn By: SANDY
Checked By: TRENT
Date:12/1/2020
Scale: AS NOTED

CHASKA CREEK

LOT 1 BLOCK 2

PAGE 1 OF 1



LEGEND

	PROPOSED	EXISTING
PROPERTY LIMIT		
CURB & GUTTER		
EASEMENT		
BUILDING		
RETAINING WALL		
WETLAND LIMITS		WL
TREELINE		
SAWCUT LINE		
SIGN		
PIPE BOLLARD		
NUMBER OF PARKING STALLS PER ROW	XX	
KEY NOTE	XX	

STANDARD DUTY ASPHALT PAVING	
HEAVY DUTY ASPHALT PAVING	
CONCRETE PAVING	
CONCRETE SIDEWALK	
PAVEMENT BY OTHERS (SEE ARCHITECTURAL PLANS)	

NORTH

SCALE 0 100 200 IN FEET

Feb 01, 2021 - 2:28pm - User:afeldberg L:\PROJECTS\20637.11\CAD\Civil\Sheets\20637.11-AERIAL.dwg

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Client
OPPIDAN

400 WATER STREET, SUITE 200
EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

Certification

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed professional ENGINEER under the laws of the state of Minnesota.

PRELIMINARY

Brady D. Busse, PE
Registration No. 49579 Date: 12/01/2020

If applicable, contact us for a wet signed copy of this plan which is available upon request at Sambatek's, Minnetonka, MN office.

Summary

Designed: AKF Drawn: JGP
Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

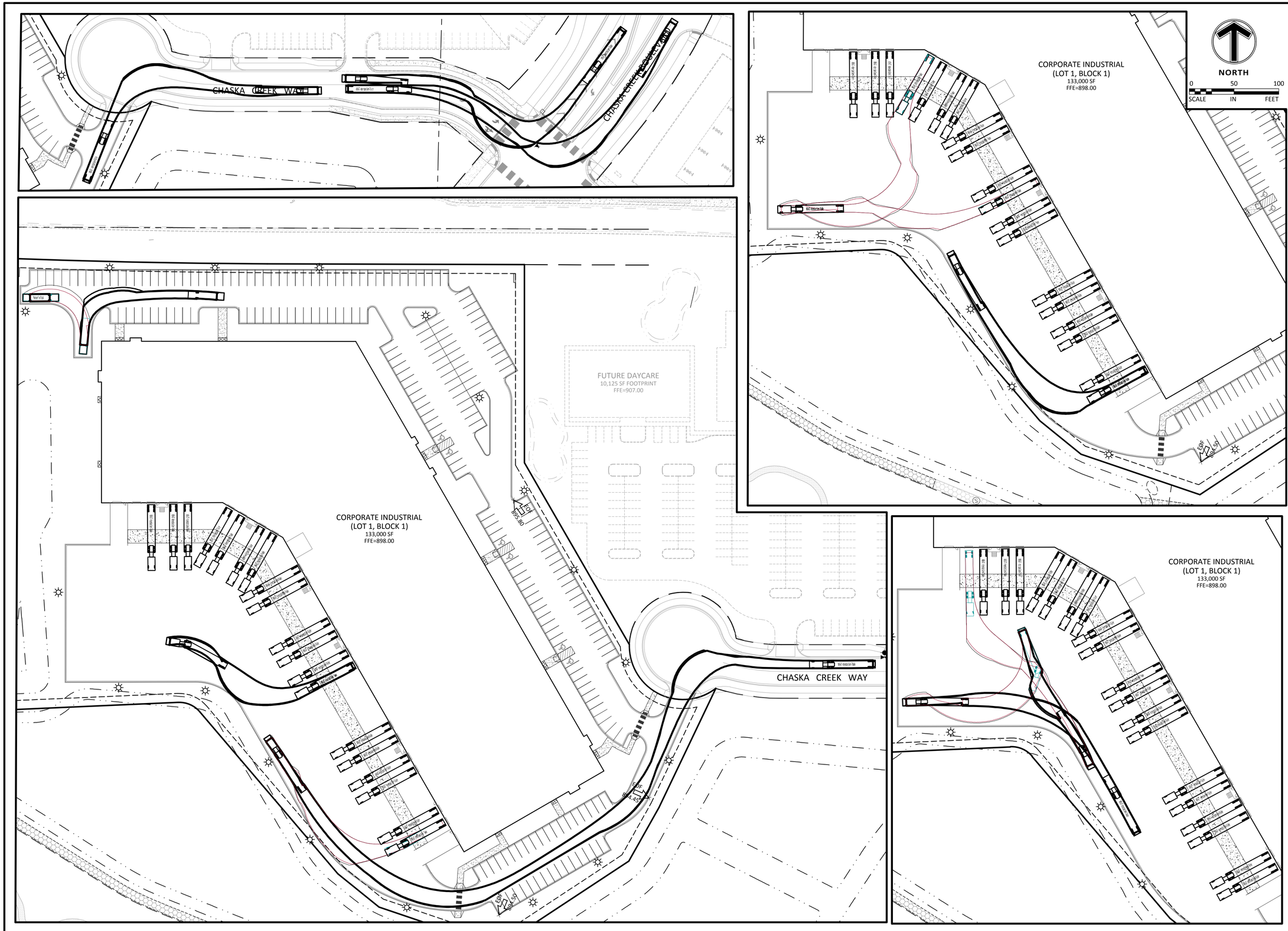
Revision History

No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
AERIAL SITE EXHIBIT

Sheet No. Revision
EX 1.01

Project No. 20637.11



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Project
CHASKA CREEK INDUSTRIAL

Location
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PRELIMINARY

Brady D. Bussenius
Registration No. 44579 Date: 12/01/2020

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Summary

Designed: AKF Drawn: IGP
Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

Revision History

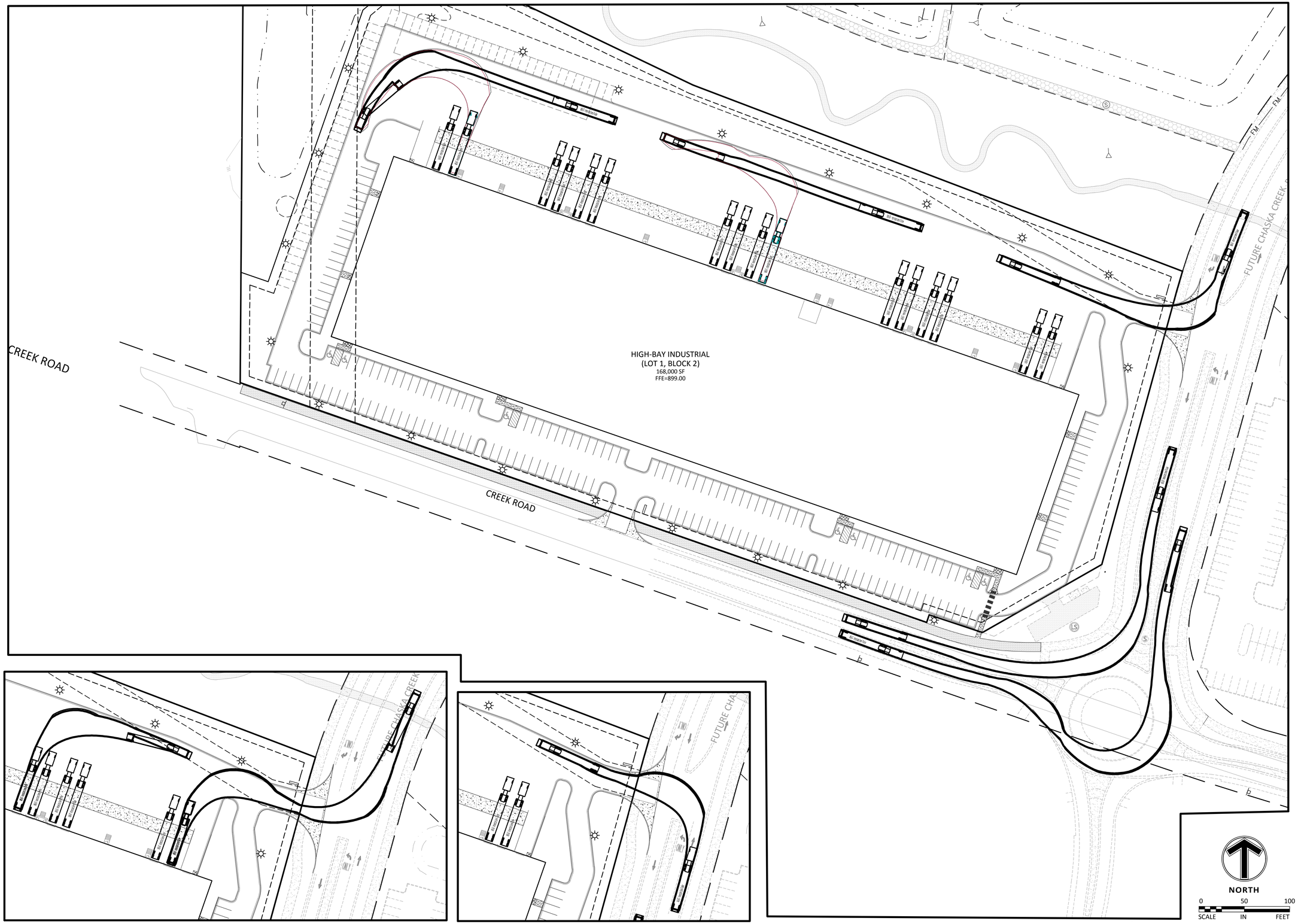
No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
VEHICLE MOVEMENT ANALYSIS - LOT 1, BLOCK 1

Sheet No. Revision
EX 3.01

Project No. 20637.11

Feb 01, 2021 - 2:29pm - Userafeldberg L:\PROJECTS\20637.11\CAD\Civil\Exhibits\Vehicle Tracking\20637.11-Outlot A & E Vehicle Tracking.dwg



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EXCELSIOR, MN 55331

Project
CHASKA CREEK INDUSTRIAL

Location
CHASKA, MN

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PRELIMINARY

Brady D. Busselman
Registration No. 41579 Date: 12/01/2020

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Summary

Designed: AKF Drawn: JGP
Approved: BDB Book / Page:
Phase: PRELIMINARY Initial Issue: 12/01/2020

Revision History

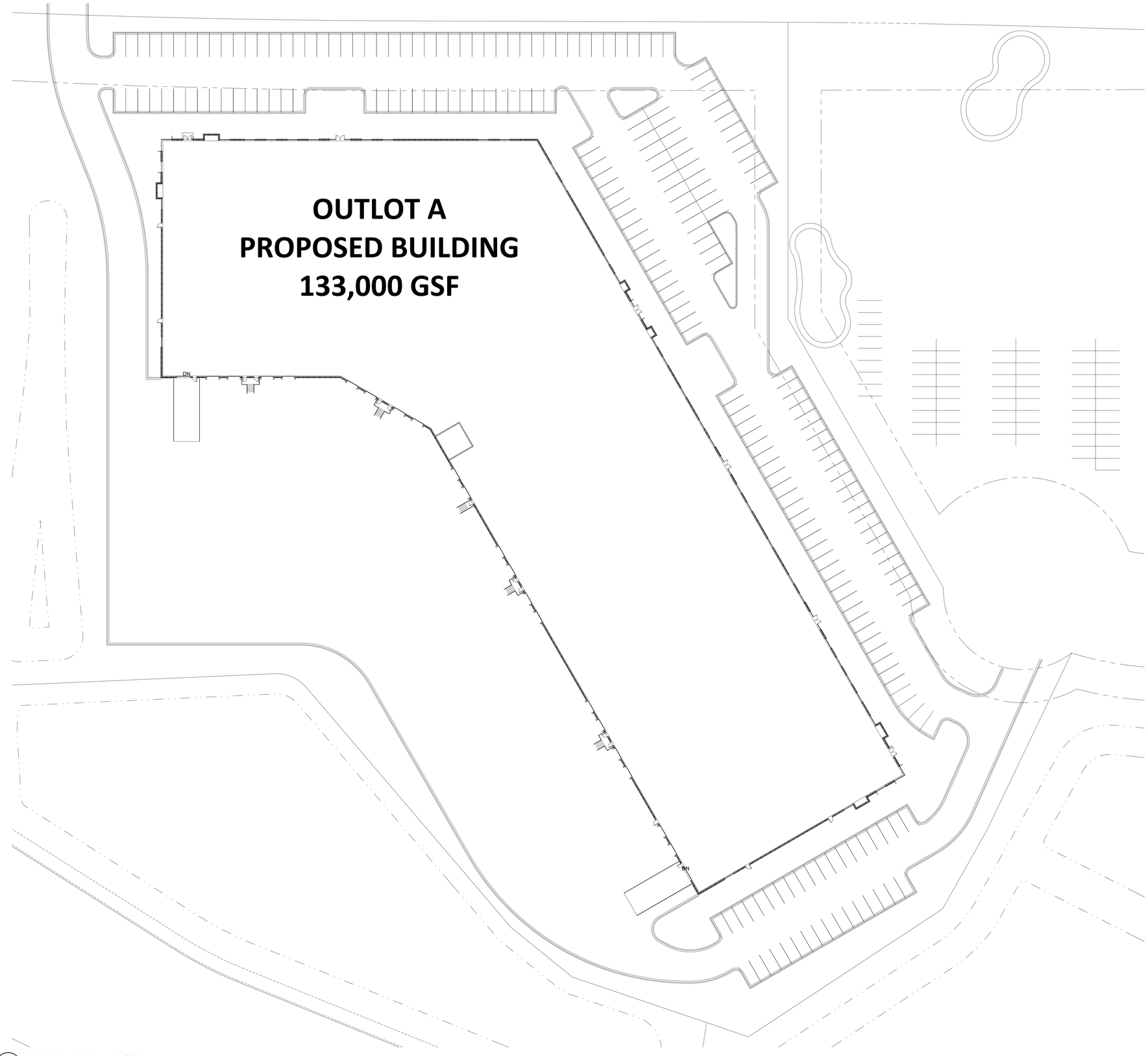
No.	Date	By	Submittal / Revision
	12/23/20	AF	CITY COMMENTS
	01/07/21	AF	CITY COMMENTS
	02/01/21	AF	FINAL PLAT/PDD

Sheet Title
VEHICLE MOVEMENT ANALYSIS - LOT 1, BLOCK 2

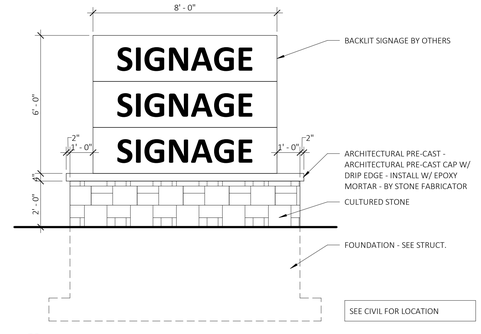
Sheet No. Revision
EX 3.02

Project No. 20637.11

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1 P001 **CITY SUBMITTAL - FLOOR PLAN**
1" = 30'-0"



2 P001 **MONUMENT SIGN**
3/8" = 1'-0"

N

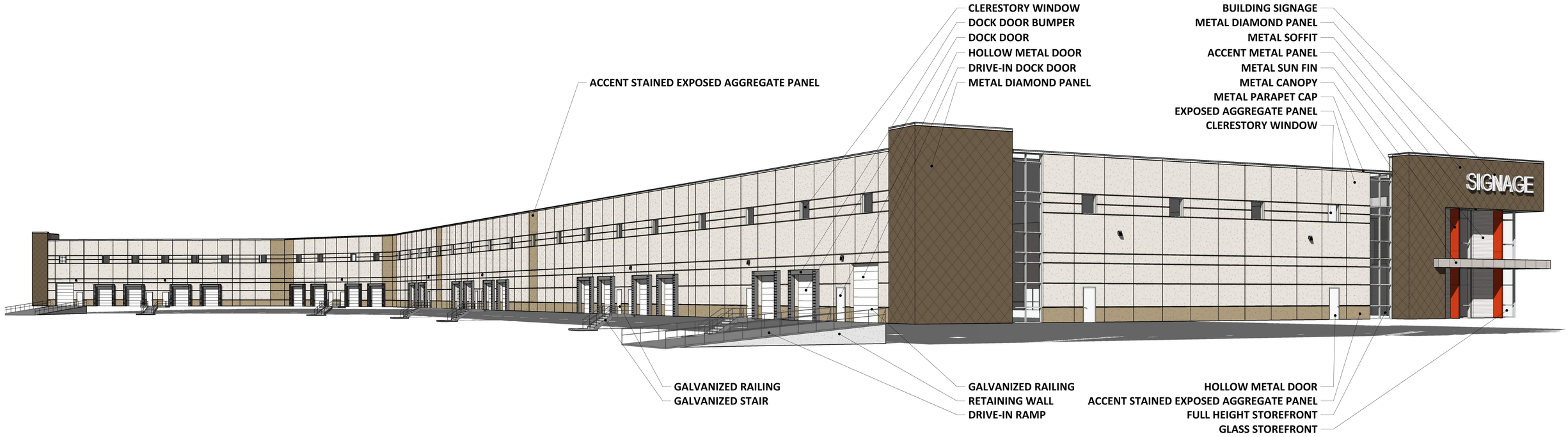
CITY SUBMITTAL - CONCEPTUAL FLOOR PLAN
CHASKA, MN
01/06/20

CHASKA SPEC INDUSTRIAL - OUTLOT A

MOHAGEN HANSEN Architecture | Interiors



1 P002 ENTRY CORNER

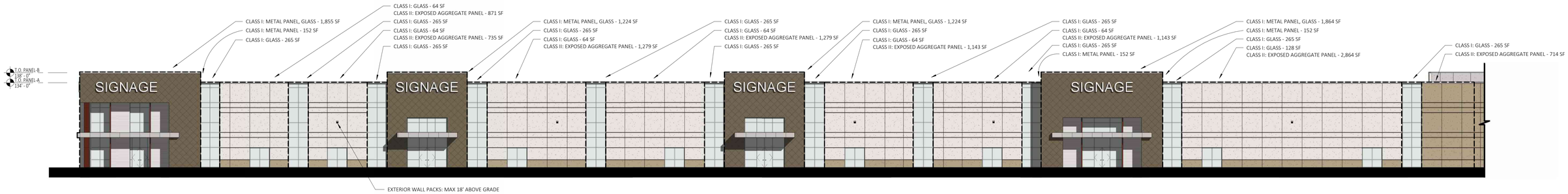


2 P002 DOCK CORNER

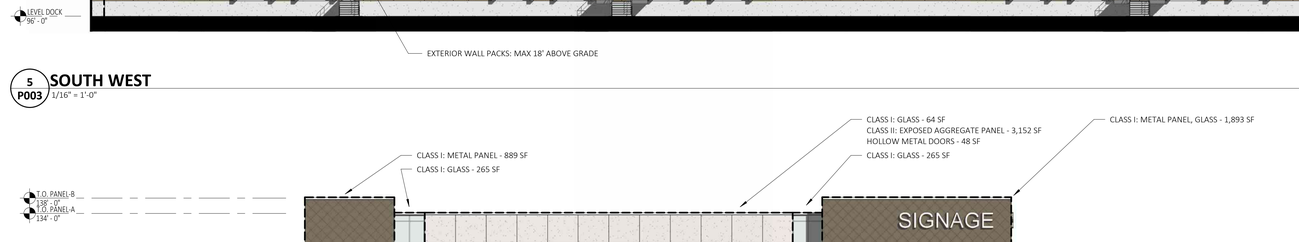
CITY SUBMITTAL - CONCEPTUAL 3D IMAGES
CHASKA, MN
NOT USED

CHASKA SPEC INDUSTRIAL - OUTLOT A

MOHAGEN HANSEN Architecture | Interiors



7 P003 CITY SUBMITTAL - NORTH EAST
1/16" = 1'-0"





1 P003 CITY SUBMITTAL - NORTH
1/16" = 1'-0"

2 P003 CITY SUBMITTAL - WEST
1/16" = 1'-0"

3 P003 CITY SUBMITTAL - SOUTH
1/16" = 1'-0"

4 P003 CITY SUBMITTAL - SOUTH WEST CENTER
1/16" = 1'-0"

5 P003 SOUTH WEST
1/16" = 1'-0"

6 P003 SOUTH EAST
1/16" = 1'-0"

CLASS I:
i) Brick-modular;
ii) Natural Stone;
iii) Glass;
iv) Copper;
v) Other comparable or superior materials, as determined by the City Council.

1855+152+265+64+265+64+265+1224+265+64+265+64+265+1224+265+64+265+64+265+152+1864+152+265+128+265+265+128+265+1224+265+64+265+64+265+1855+1893+265+64+265+889+152+325+112+64+288+325+152+889+265+64+265+1893

=22,880 / 67,176 SF
=34%

CLASS II:
i) Brick-utility;
ii) Cast stone;
iii) Specialty concrete block such as textured, burnished block or rock faced block;
iv) Architecturally textured precast concrete panels (except raked finish);
v) Masonry stucco/Exterior finish insulation systems (EFIS);
vi) Other comparable or superior materials, as determined by the City Council.

871+735+1279+1279+1143+1143+2864+714+714+3136+735+871+3152+4162+2492+13430+3152

=41,872 / 67,176 SF
=62%

DOCK DOORS AND HOLLOW METAL DOORS:

48+480+72+360+48+1200+168+48

=2,424 / 67,176 SF
=4%

CITY SUBMITTAL - CONCEPTUAL EXTERIOR ELEVATIONS
CHASKA, MN
11/23/20

CHASKA SPEC INDUSTRIAL - OUTLOT A

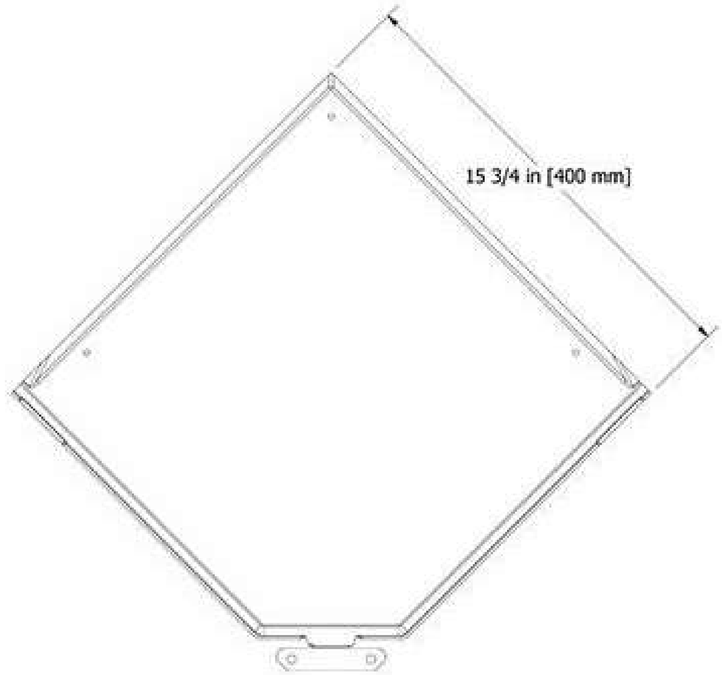
MOHAGEN HANSEN Architecture | Interiors


WARM OFF-WHITE RIBBED ACCENT METAL PANEL
RED METAL SUN FIN
BUFF EXPOSED AGGREGATE PANEL
WARM OFF-WHITE SOFFIT AND PARAPET CAP
MEDIUM BRONZE METAL DIAMOND PANEL
WAM OFF-WHITE METAL CANOPY
WARM GREY DOOR PAINT
CLEAR ANODIZED MULLION





MEDIUM BRONZE
DIAMOND METAL
PANEL







1 P006 **NORTH STREET LINE**
1" = 40'-0"

ENGLER BLVD

PROPOSED BUILDING:
132,983 GSF

DN

FUTURE GROWTH

FUTURE GROWTH

EXISTING BUILDING

CHASKA CREEK WAY

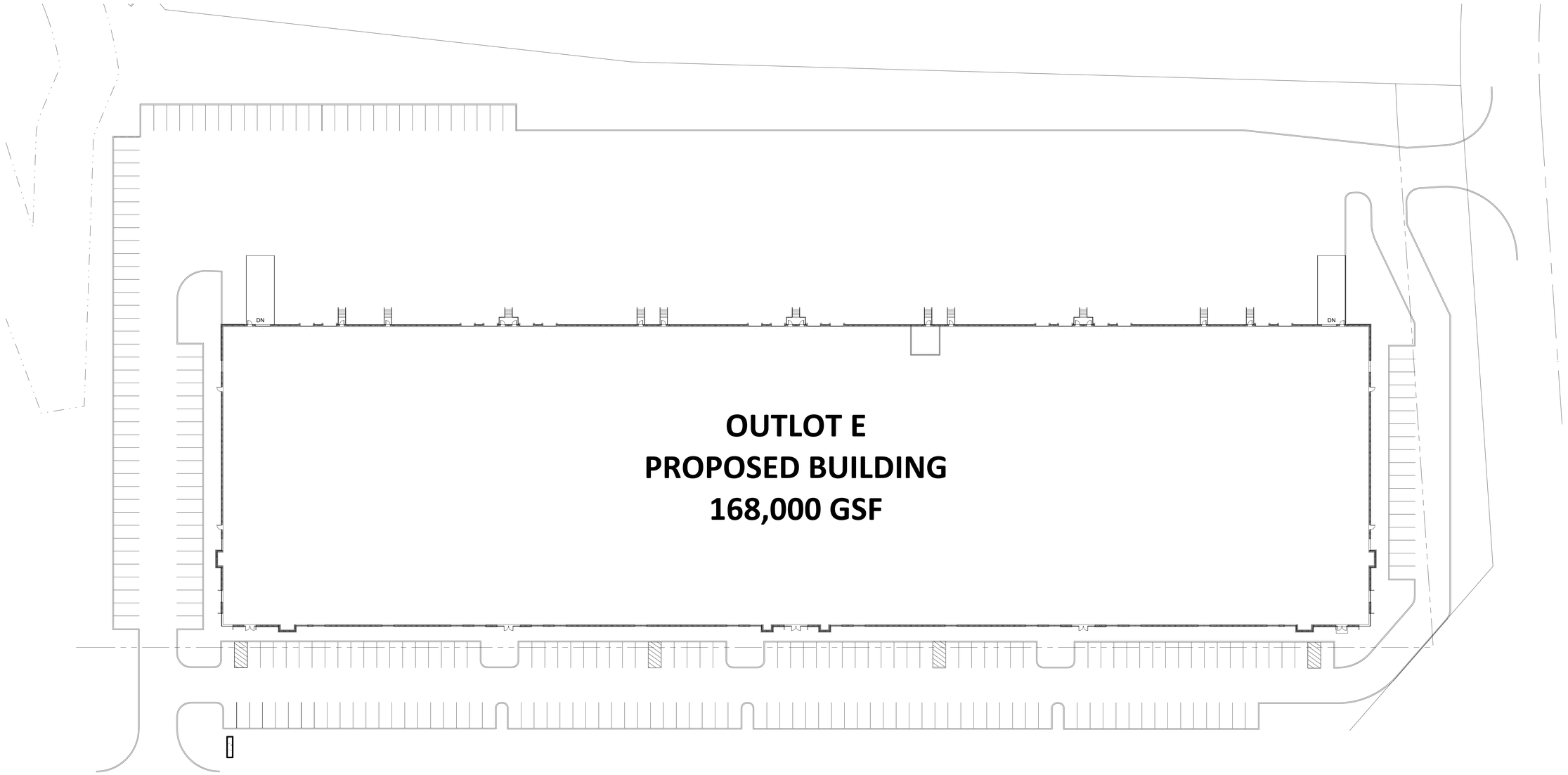
2 P006 **PRESENTATION ARCHITECTURAL SITE PLAN**
1" = 40'-0"

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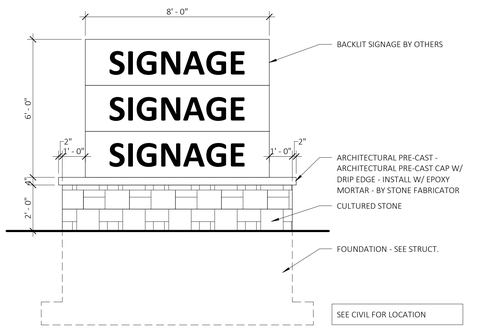
CITY SUBMITTAL - STREET LINE
CHASKA, MN
11/30/20

CHASKA SPEC INDUSTRIAL - OUTLOT A

MOHAGEN HANSEN
Architecture | Interiors



1 P001 **CITY SUBMITTAL - FLOOR PLAN**
1" = 30'-0"



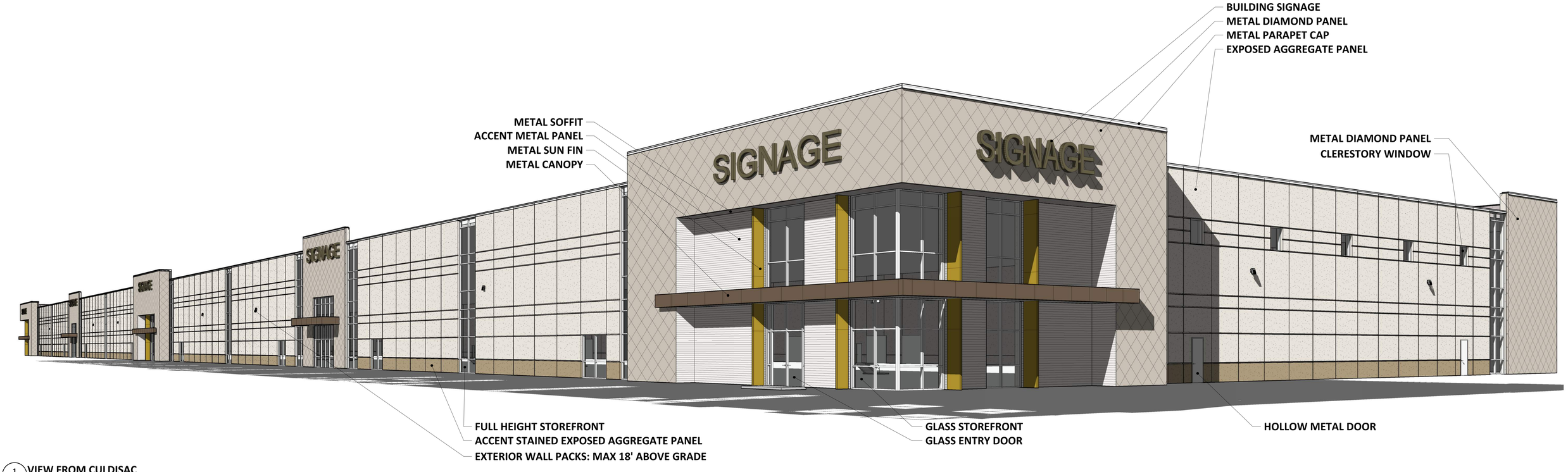
2 P001 **MONUMENT SIGN**
3/8" = 1'-0"

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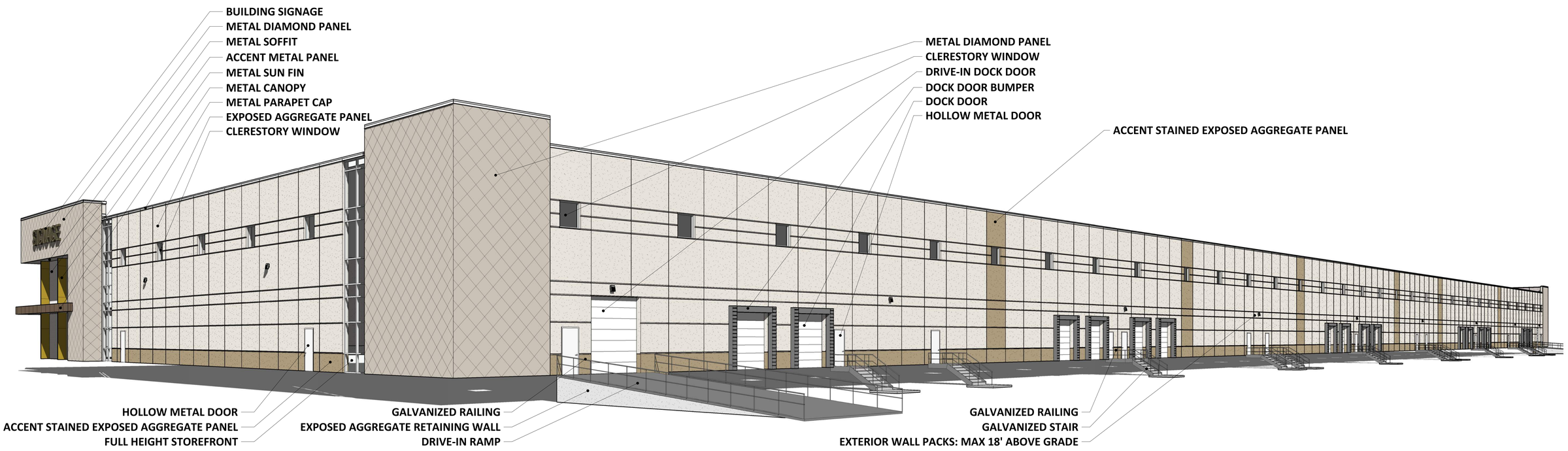
CITY SUBMITTAL - CONCEPTUAL FLOOR PLAN
CHASKA, MN
01/06/20

CHASKA SPEC INDUSTRIAL - OUTLOT E

MOHAGEN HANSEN
Architecture | Interiors



1 P002 VIEW FROM CULDISAC

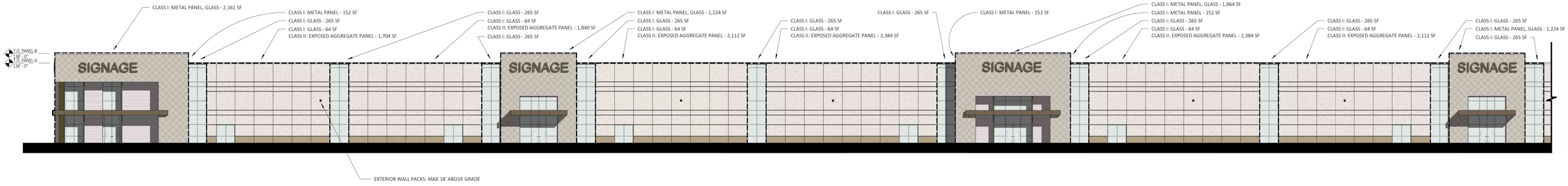


2 P002 VIEW FROM TRUCK ENTRY

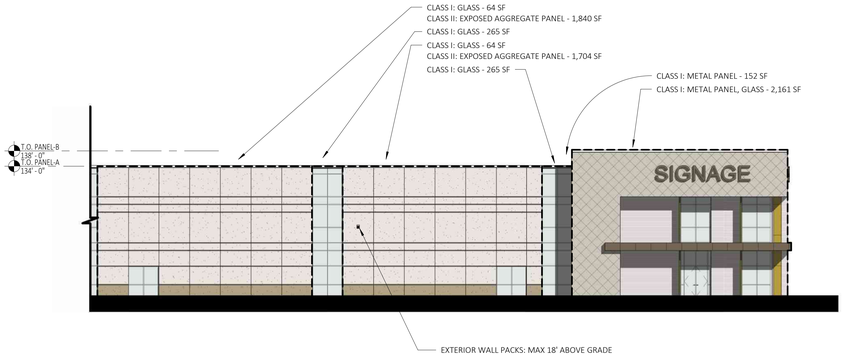
CITY SUBMITTAL - CONCEPTUAL 3D IMAGES
CHASKA, MN
11/23/20

CHASKA SPEC INDUSTRIAL - OUTLOT E

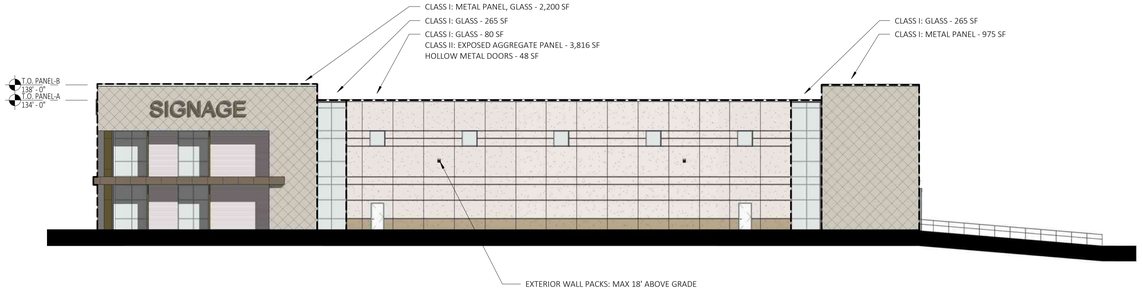
MOHAGEN HANSEN
Architecture | Interiors



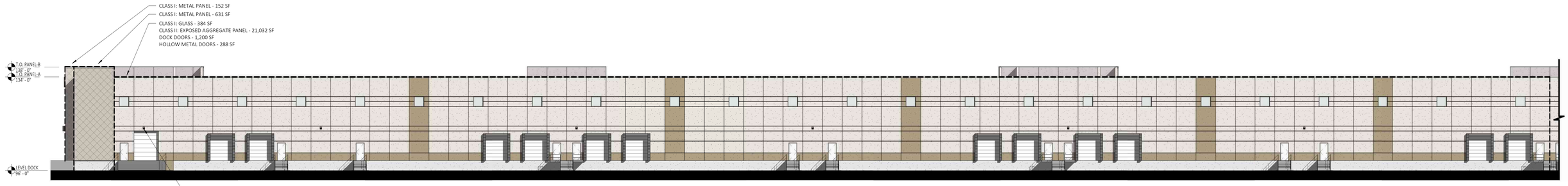
1 P003 **CITY SUBMITTAL - SOUTH ELEVATION**
1/16" = 1'-0"



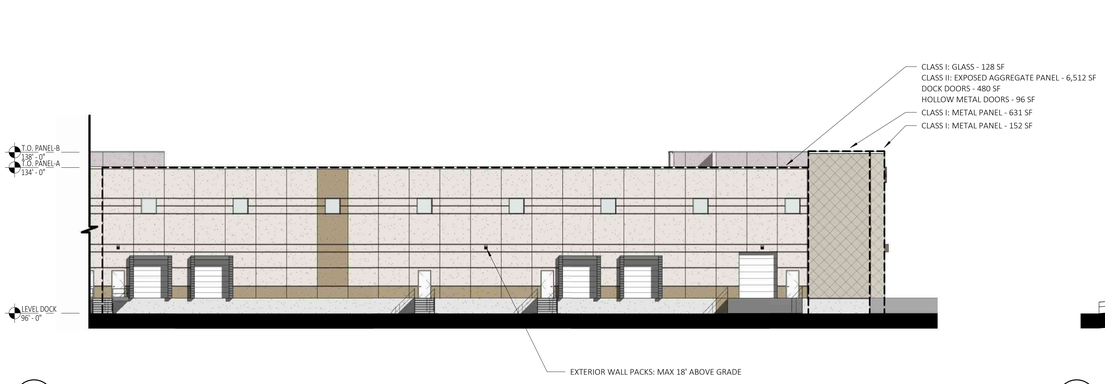
6 P003 **CITY SUBMITTAL - SOUTH ELEVATION PART 2**
1/16" = 1'-0"



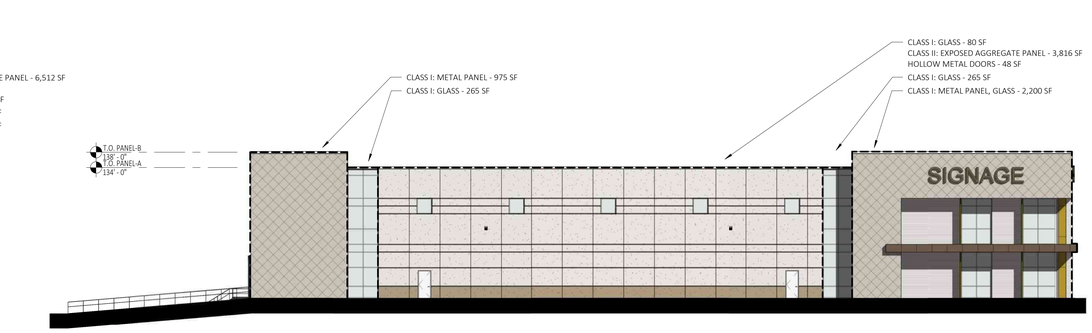
2 P003 **CITY SUBMITTAL - EAST ELEVATION**
1/16" = 1'-0"



4 P003 **CITY SUBMITTAL - NORTH ELEVATION**
1/16" = 1'-0"



5 P003 **CITY SUBMITTAL - NORTH ELEVATION PART 2**
1/16" = 1'-0"



3 P003 **CITY SUBMITTAL - WEST ELEVATION**
1/16" = 1'-0"

CLASS I:
i) Brick-modular;
ii) Natural Stone;
iii) Glass;
iv) Copper;
v) Other comparable or superior materials, as determined by the City Council.

2161+152+265+64+265+64+265+1224+265+64+265+64+265+152+1864+152+265+64+265+64+265+1224+265+64+265+64+265+152+2161+2200+265+80+265+975+152+631+384+128+631+152+975+265+80+265+2200

=22,582 / 75,998 SF
=30%

CLASS II:
i) Brick-utility;
ii) Cast stone;
iii) Specialty concrete block such as textured, burnished block or rock faced block;
iv) Architecturally textured precast concrete panels (except raked finish);
v) Masonry stucco/Exterior finish insulation systems (EFIS);
vi) Other comparable or superior materials, as determined by the City Council.

1704+1840+2112+2384+2384+2112+1840+1704+3816+21032+6512+3816

=51,256 / 75,998 SF
=67%

DOCK DOORS AND HOLLOW METAL DOORS:

48+1200+288+480+96+48

=2,160 / 75,998 SF
=3%

CITY SUBMITTAL - CONCEPTUAL EXTERIOR ELEVATIONS

CHASKA, MN

NOT USED

CHASKA SPEC INDUSTRIAL - OUTLOT E

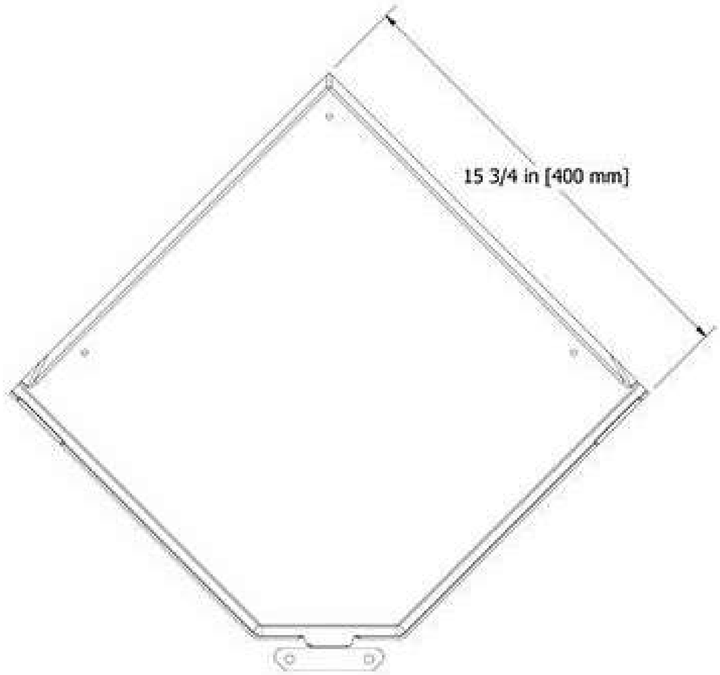
MOHAGEN HANSEN
Architecture | Interiors


WARM OFF-WHITE RIBBED
ACCENT METAL PANEL
MUSTARD METAL SUN FIN
WARM OFF-WHITE EXPOSED
AGGREGATE PANEL
CLEAR ANODIZED
MULLION
WARM OFF-WHITE
SOFFIT AND
PARAPET CAP
WARM LIGHT GREY
METAL DIAMOND PANEL
MEDIUM BRONZE
METAL CANOPY
WARM GREY
DOOR PAINT





WARM LIGHT GREY DIAMOND METAL PANEL





REQUEST FOR ACTION
CHASKA CITY COUNCIL
03/15/2021

Subject: Pedestrian and Bicycle Master Plan Consultant

Prepared By: Marshall Grange, Director of Parks and Recreation

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Background

The City of Chaska is committed to creating an environment in the community that allows for safe and enjoyable walking and bicycling for all residents and visitors, whether it is for recreation, fitness or transportation purposes. As part of this commitment, the Parks and Recreation staff have created a committee with representation from several City departments, local organizations, businesses, and residents to pursue a Bicycle Friendly Community designation through the League of American Bicyclists.

In 2019, the City of Chaska was able to contract with the Minnesota Bicycle Alliance (BikeMN) to conduct an initial Bicycle Friendly Community Assessment from a Statewide Health Improvement Partnership (SHIP) grant received from Carver County. BikeMN has assisted several cities throughout Minnesota to achieve the Bicycle Friendly Community designation. BikeMN provided several recommendations in their assessment for the Chaska committee to work on, one of them was the development of a Pedestrian and Bicycle Master Plan for the City of Chaska.

On January 25, 2021 the City Council approved a SHIP Grant Agreement between Carver County and the City of Chaska in the amount of $40,000 to develop a Pedestrian and Bicycle Master Plan for the City of Chaska. The council authorized staff to submit RFQ's to consulting firms with experience developing such plans.

The City received proposals from Hoisington Koegler Group Inc (HKGI) and the Community Design Group (CDG) with WSB. The fee proposal from HKGI was $52,800 with optional contingencies of $7,900. The fee proposal from CDG with WSB was $49,975.

Since the fee proposals were over the allocated SHIP Grant amount of $40,000 staff asked each consultant to provide modified fee proposals in the amounts of $40K and $45K along with explanation of what would be eliminated from the original fee proposal and the impact on final plan outcome.

On March 9, 2021 the Park Board had discussion regarding the 2 proposals and passed a motion recommending that City Council authorize staff to work with CDG and WSB. Both staff and the Park Board feel it is in the City's best interest to enter into an agreement with CDG and WSB to conduct the work identified in their modified fee proposal of $45,000 which minimizes the impact on the outcomes of the plan.

On March 11, 2021 staff coordinated with Carver County to obtain an additional $5,000 in SHIP Grant to fully fund the $45,000 fee proposal from CDG and WSB.

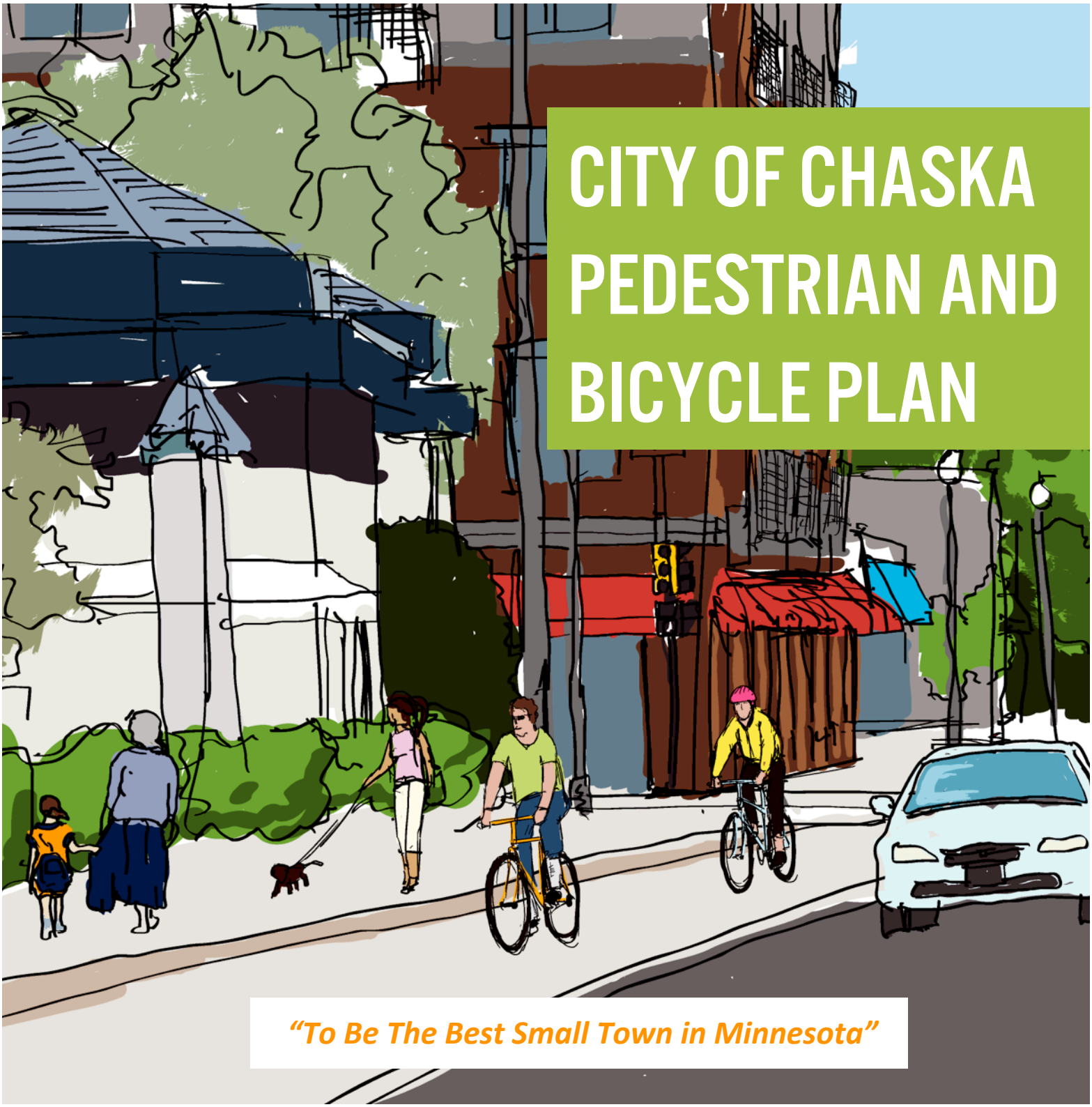
Recommendation

Staff recommend Council Approval of the Chaska Park Board's recommendation authorizing staff to enter into an agreement with Community Design Group and WSB to develop a Pedestrian and Bicycle Master Plan for the City of Chaska utilizing funding from the Carver County SHIP Grant Agreement.

Parks and Recreation Director, Marshall Grange, recommends that a City Council member participate on the Bicycle Friendly Community Committee which will serve as the steering committee to help develop this plan.

CITY COUNCIL ACTION REQUESTED

Motion to Authorize staff to Enter into an Agreement with Community Design Group and WSB to Develop a Pedestrian and Bicycle Master Plan for the City of Chaska with Funding from the Carver County SHIP Grant Agreement.



CITY OF CHASKA PEDESTRIAN AND BICYCLE PLAN

"To Be The Best Small Town in Minnesota"

Submitted by

Community Design Group (CDG)

with

wsb

c-d-g.org

PROPOSAL

March 1, 2021

community design group
a people-centered, asset-based approach to urban planning, policy and design
Community Design Group (CDG) | PO Box 8096, Saint Paul, MN 55108 | 612-234-7078 | www.c-d-g.org

March 1, 2021

Mr. Marshall Grange, Parks and Recreation Director
City of Chaska, 1661 Park Ridge Drive, Chaska, MN 55318
Re: City of Chaska Pedestrian and Bicycle Master Plan

Dear Mr. Grange,

Congratulations on taking this key step for Chaska's continuing growth as a pedestrian and bicycle-friendly community. We are excited to present our proposal to support this important goal and work with the Chaska community to develop a **responsive, innovative and action-oriented plan for success**.

We are well-qualified to meet the needs of this exciting project, bringing a **20-year trajectory of innovation in bicycle and pedestrian planning and design**, with a portfolio that includes **more than one hundred bicycle, pedestrian, and safe routes to school plans** in Minnesota and other states in our region - from rural to urban and suburban settings, and city, county, regional and state scales.

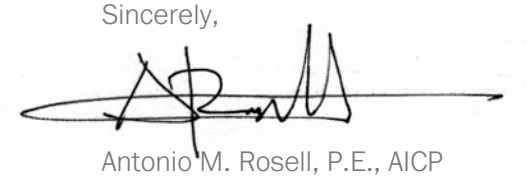
We offer an **Active Living/Community Health framework** and a **6E's approach** that incorporates the latest guidance and best practices from AASHTO, NACTO, FHWA, MnDOT and ITE, fully integrating both infrastructure and programming approaches to make walking and biking safer, more comfortable, more convenient and useful activities - **for people of all ages and abilities, everyday - including through the winter months**.

An important component of our approach (and one of our company's key values) is our commitment to **inclusive and proactive community engagement** as a powerful tool for developing better plans and building momentum for implementation. We are excited to work with the City's BFC Committee, City staff and leaders, and the wider Chaska community to build the recommendations of the plan.

We are pleased to also feature the participation of WSB to strengthen our **engineering design, construction feasibility, and implementation capabilities**. CDG and WSB have a successful history as partners, having worked together on numerous projects since 2013.

Thank you for the opportunity to submit this response. Please contact me if you have any questions or if you would like any additional information for evaluation of our submittal. To download a selection of recent pedestrian and bicycle plans we've completed please visit this page at our company's website: www.c-d-g.org/chaska

Sincerely,



Antonio M. Rosell, P.E., AICP
Director, Community Design Group (CDG) | arosell@c-d-g.org | 612-234-7078 | www.c-d-g.org



Table of contents

To facilitate evaluation of our submittal we have organized it to match the order of components noted on page 4 of the City's RFP.

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1 Introduction To Our Team



The **CDG & WSB Team** are pleased to present this proposal to develop the City of Chaska Pedestrian and Bicycle Master Plan.

We are excited to work closely with the Chaska community - residents, businesses, visitors, City leaders and staff - to develop a **responsive, innovative and effective plan** that delivers a best-in-class, 6Es approach and solutions that lead to implementation and **grow walking and bicycling in the community**.

About Community Design Group (CDG)



Community Design Group (CDG) is a Minnesota planning and design firm specializing in bicycle and pedestrian planning.

Active since 2001, CDG is recognized for its **people-centered, asset-based approach** that infuses a community health and Active Living perspective through all of its work.

Leadership in **community visioning and engagement**, and community planning and urban design, strengthen the firms's approach and recommendations.

Led by Minnesota APA's **2015 Planner of the Year** Antonio Rosell, the firm bases its work on responding to community needs and vision - and has done so since its founding.

CDG's community-centered approach engages clients, residents and stakeholders in meaningful consultation and develops consensus toward solutions and implementation.

ABOUT CDG

- Established in 2001
- Over 100 walk / bike plans throughout Minnesota and the Midwest
- Based in Saint Paul, MN

Specializing in

- Bicycle and Pedestrian Planning
- Community Planning, Placemaking and Urban Design
- Community Visioning and Engagement

Find out more: www.c-d-g.org

About WSB









WSB is a Minnesota design and consulting firm specializing in engineering, community planning, environmental, and construction services.

With more than 450 employees, WSB improves the way people engage with their communities, transportation, infrastructure, energy and environment.

With a coast-to-coast client base, WSB offers services in over 25 complementary areas that seamlessly integrate planning, design and implementation - and make real their Clients' visions for tomorrow.

For more information: www.wsbeng.com

WSB SERVICES AND CAPABILITIES

WSB offers a broad and deep set of capabilities as well as **hundreds of built projects and satisfied Clients**.

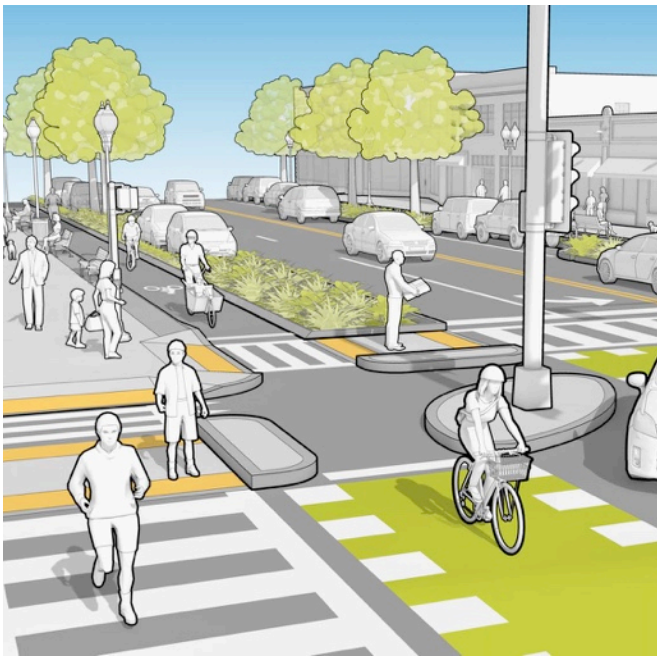
WSB's in-depth expertise will inform **nuts-and-bolts components of the City's Plan** including:

- Traffic Engineering
- Transportation Planning
- Site Validation, Right of Way & Surveying
- Landscape Architecture and Urban Design
- Stormwater & Environmental Compliance
- Municipal Engineering
- Zoning Administration

2 Project Understanding and Approach

The City of Chaska seeks to develop a Pedestrian and Bicycle Master Plan to:

- Support ongoing efforts to grow its orientation to walking and biking
- Guide its planning and implementation actions for addressing bicycle and pedestrian needs
- Improve safety and comfort for all users
- Identify opportunities to maximize current opportunities for infrastructure improvements
- Guide an integrated set of infrastructure and programming (6Es) approaches
- Increase the number of people using walking and biking in the city as part of their daily lives
- Gain recognition and attain designation as a Bicycle Friendly Community (BFC)
- Improve community health, quality of life and enjoyment for all its residents, employees and visitors

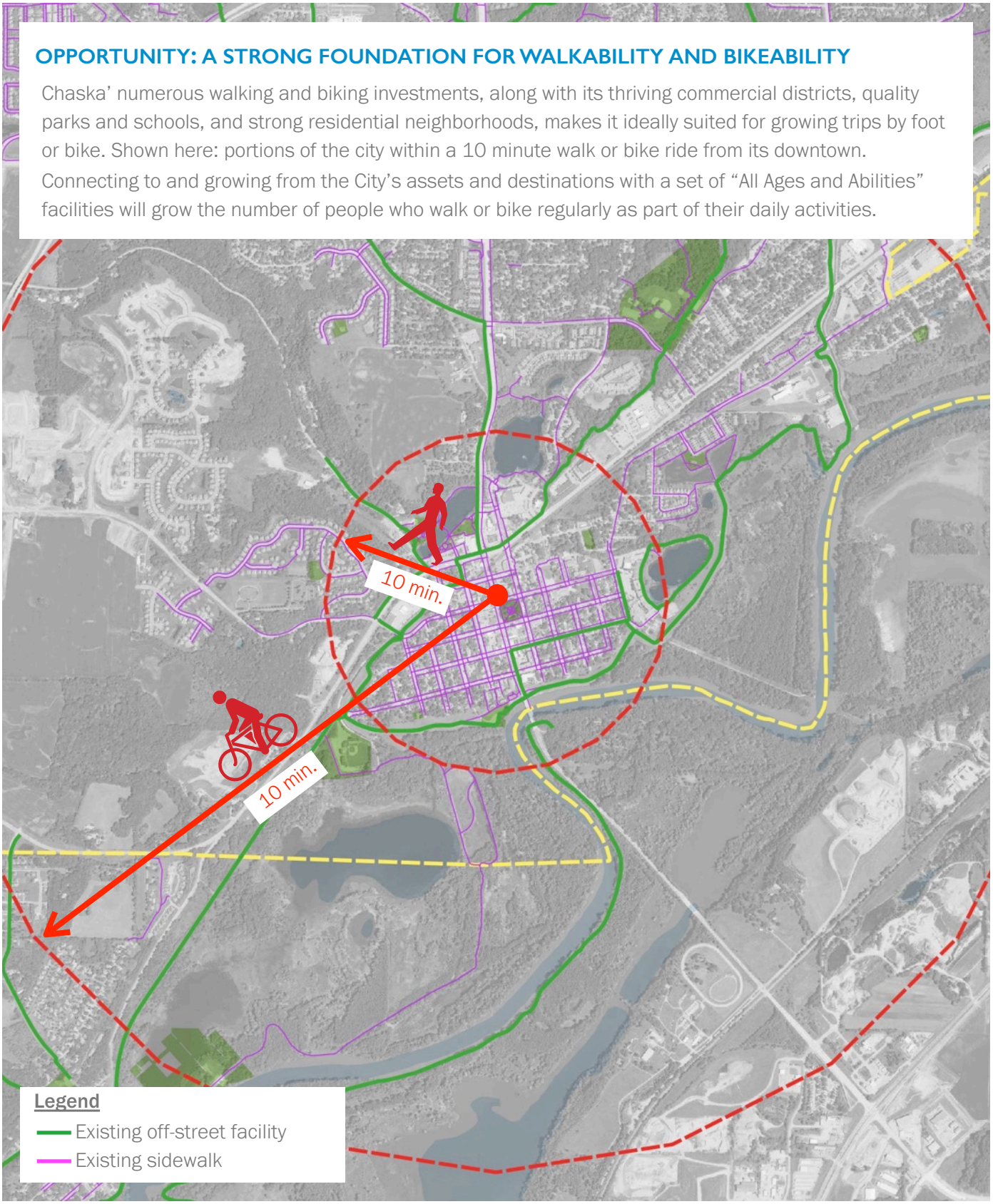


Protected bicycle intersection in a Main Street district. Image courtesy of Massachusetts DOT Separated Bike Lane Planning & Design Guide.

Deploying treatments like protected intersections in strategic locations in the city will greatly increase user safety and feeling of comfort - and lead to increased use of walking and biking as part of residents' normal everyday travel.

OPPORTUNITY: A STRONG FOUNDATION FOR WALKABILITY AND BIKEABILITY

Chaska' numerous walking and biking investments, along with its thriving commercial districts, quality parks and schools, and strong residential neighborhoods, makes it ideally suited for growing trips by foot or bike. Shown here: portions of the city within a 10 minute walk or bike ride from its downtown. Connecting to and growing from the City's assets and destinations with a set of "All Ages and Abilities" facilities will grow the number of people who walk or bike regularly as part of their daily activities.



Assets in Place

The Chaska community has a long history of making investments to improve walking and biking connectivity, and working to address the need to provide a safe, equitable, and cohesive network of walking and biking facilities for residents and visitors. The city;s outstanding trail system provides a unique foundation for growing the City's orientation for walking and biking.

The newly convened BFC Committee, motivated by a desire to grow walking and biking in the City and gain recognition as a Bicycle-Friendly Community by the League of American Bicyclists, is providing a renewed sense of mission for continuing the City's continuing transformation into a more pedestrian- and bicycle-friendly community.

Goals for the Plan

Goals for the City of Chaska Pedestrian and Bicycle Master Plan include:

- Analyze current conditions
- Consider user wants, needs and comfort
- Identify systems gaps and opportunities
- Develop a city-wide network of walking and biking routes
- Improve safety and comfort for all users
- Apply latest guidance and best practices to improve the City's pedestrian and bicycle assets
- Identify a set of priority goals, policies and projects for that address the most pressing safety and connectivity for people walking and biking in the city
- Gain recognition as a Bicycle-Friendly Community
- Develop a set of wayfinding assets to help orient residents and visitors around the community
- Grow the number of people who regularly walk and bike in the community as part of their everyday travel and recreation activities

IMPLEMENTATION-ORIENTED

Implementation is a key goal for this plan. CDG focuses on building a framework of achievable recommendations within a plan document that can be used to support funding applications, grants or prioritization among projects - and can point to many examples, over decades of work - where this has led to project implementation and success.

Before ...



... and after



An underpass identified as a primary network connection during our work in Edina's 2007 Bicycle Master Plan, with the same location in 2012. The 2007 plan led to the development of almost 40 miles of bicycle facilities in the city. Based on the plan's success, we were invited back to develop Edina's 2018 Pedestrian and Bicycle Master Plan.

Our Planning Approach

We believe Chaska is poised to achieve great success on its path to developing a first-class system of bicycle and pedestrian routes and connections.

Working closely with the project's Steering Committee, the BFC Committee and City staff, our work will support the city's continued success and fulfillment of the plan's goals and vision.

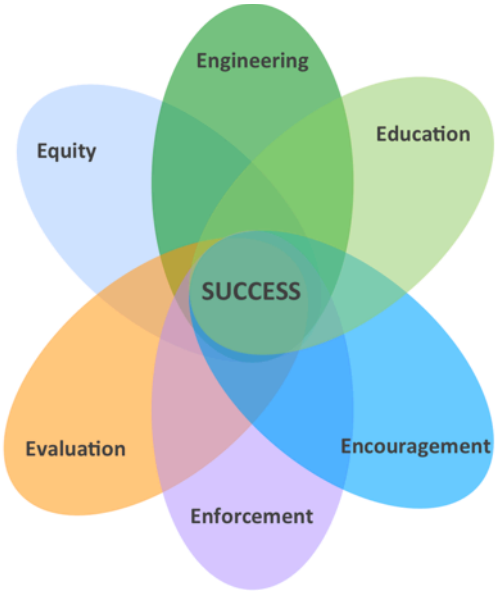
We'll develop a plan that:

- Leverages the work completed by BFC Committee, as well as existing assets and facilities, and recommendations from previous and concurrent plans and projects
- Reflects current state-of-the-practice guidelines, recommendations, and facilities
- Reflects the needs and aspirations of Chaska residents, visitors, and staff

Our work will offer implementable, cost-effective and user-friendly facilities to support Chaska' ongoing evolution as a walk- and bike-friendly community.

Collaboration is Key

Successful, implementable plans are developed through a process that builds and distributes ownership throughout a community's residents, advocates and stakeholders. We'll work with the Chaska community to refine our understanding and access the community's existing knowledge and expertise while building a framework for follow-through and implementation.



6Es for Success

The most effective approach for growing walking and biking in a community is to work comprehensively to combine on-the-ground infrastructure improvements with a wide range of supportive social, educational and enforcement campaigns. We'll orient the plan to offer recommendations and measures for both facilities and programs, and will develop goals and benchmarks for success.

Getting to a Plan

We offer a strong foundation of knowledge and experience in building bicycle and pedestrian plans and Complete Streets policies. We will make good use of this foundation to quickly assess current conditions and develop recommendations with a lens to the future. Our goal? To develop a robust and implementable Master Plan which will guide bicycle and pedestrian connectivity in Chaska for many years to come.

Approach to Community Engagement

Inclusive and proactive community engagement is a powerful tool for building plans that respond to community needs and aspiration and grow community buy-in and momentum for implementation.

There are two main components to our approach for engaging with the Chaska community and bringing residents' knowledge and ideas into the plan:

1) Engagement with the city's active and engaged Active Transportation community, including the BFC Committee
2) Engagement with the Chaska general community

Given the current social distancing guidelines and their potential extension into the summer, our approach will be flexible and will adjust based on consultation with the City and the project's Steering Committee.



Hands-on, interactive workshop sessions help build participation and bring useful information to a plan.

Engagement with the Chaska Active Transportation community

Chaska is fortunate to have an active and committed community of bicycle and pedestrian advocates. The BFC Committee will be an integral partner in the work of this plan and will help advance its development.

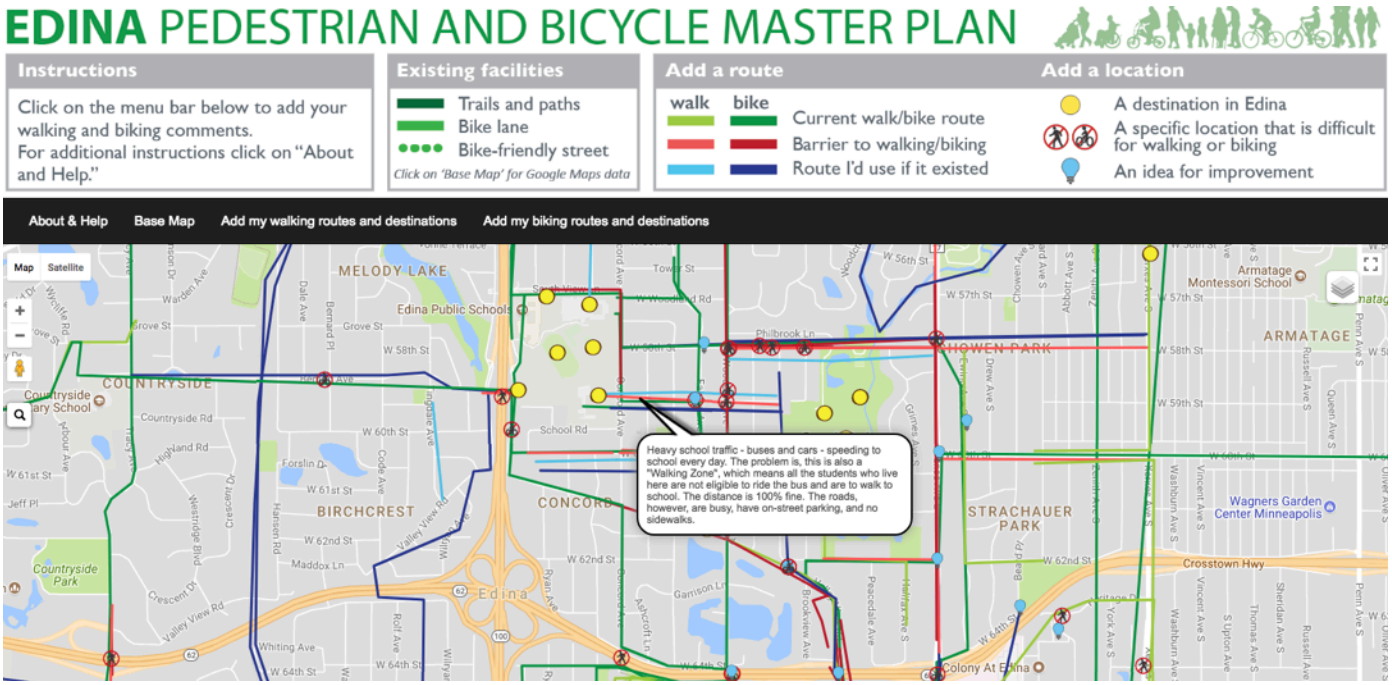
Working closely with the BFC and City staff, we'll leverage completed work, including existing and proposed routes, educational and engagement initiatives, and previously-identified facility maintenance and repair needs.



Hosting Pop-Up events at trails and festivals is a great way to expand participation in the plan.

Engagement with the General Public

We will develop and implement a robust set of in-person and online tools to engage members of the Chaska community.



Wikimap from our work on the City of Edina's Pedestrian and Bicycle Master Plan. Residents used the map to identify specific locations and routes for improvement.

In-person tools and approaches will include:

- *Two Public Open Houses:* We will plan two public open houses to introduce the plan, gather community input, and share progress on the draft master plan. We will work closely with members of the Steering Committee to plan and implement the meetings. The open houses will be held at public locations during convenient times to maximize opportunity for the public's participation.
- *Two Focus Group or Listening Sessions:* Ideal for meeting with members of a specific organization or group - from the Chamber of Commerce to young people or seniors, or members of the City's ethnic / cultural communities.
- *Two "Pop-Up" Community Events:* Pop-Up meetings are user-friendly opportunities to engage the public at popular community events. We will work closely with the City and members of the Steering Committee to coordinate our participation at two or more community events during the summer.

Online tools to gather ideas and guidance from the public include:

- *Online community survey:* We'll develop a survey to understand community travel needs and habits, including:
  - Types of non-motorist commuters present in the community and their current level of comfort with available options for walking and biking
  - Priorities for future improvements
- *Interactive online mapping:* We'll develop an interactive comment map tool ("Wikimap") to gather location-specific comments regarding issues, opportunities and ideas for the city's walk / bike network

3 Scope of Work and Deliverables

Our work on the Chaska Pedestrian and Bicycle Master Plan will complete the following activities and accomplish the following goals:

- Thoroughly review current conditions and existing pedestrian and bicycle facilities to make full use of current assets and leverage strengths
- Use a best practices approach and latest tools, methods, guidelines and standards
- Offer best-practice planning and design for walking and biking facilities and intersections
- Bring together a broad group of residents and stakeholders to participate in the design process
- Identify preferred routes within existing neighborhoods to encourage walking and biking, and include consideration for connections to schools, parks, and other existing amenities
- Provide concept designs for bike parking and other ancillary facilities
- Offer a 6Es approach with a rich suite of programming (non-infrastructure) recommendations to extend the effectiveness of existing and planned investments
- Increase the number of people bicycling and walking in the city

We have structured our work according to the tasks and items shown on the following pages.



Numerous advances in planning for people walking and biking are helping to make our communities more friendly toward Active Transportation.

Task 1: Project Management and Coordination Plan

In this task we develop a Project Management Plan (PMP), form a Project Management Team (PMT), and engage the Bicycle Friendly Community (BFC) Committee as the plan's Steering Committee for the duration of the work.

Task 1.1: Project Management Team

The Consultant Team's work will be managed by CDG Director Antonio Rosell. Antonio will work closely with the City's Project Manager and other City designees forming the Project Management Team (PMT) for the project. To ensure efficient progress, we recommended that the PMT convene for brief (30 minute) calls at least every two weeks.

Task 1.2: Project Kick-off

- Meet with City of Chaska staff, review and finalize work plan, overall schedule, discuss communication and file-sharing methods, set dates for significant benchmarks, and establish the Project Management Team (PMT).
- Confirm role and roster of the BFC Committee, who will serve as the Project Steering Committee (PSC) for the project. Confirm if additional members are invited to serve in the PSC (e.g., representative from Chamber of Commerce, young people (student at local school), seniors, members of local cultural communities, etc.
- Set schedule for project meetings for the duration of the project for both the PMT and the PSC.
  - PMT: We recommend bi-weekly meetings (by phone or video conference)
  - PSC: We recommend monthly meetings (in-person or by video conference)
- Establish information-sharing and communication infrastructure that will support an efficient, clear and timely process for coordination, communication and plan development (consider Microsoft Teams, Sharepoint, Google Sites, etc.).



Close coordination with the plan's Steering Committee will help lead to success. Image: Steering Committee meeting for our work on the City of Eden Prairie Pedestrian and Bicycle Plan.

Task 1.3: Steering Committee Schedule, Communication and Coordination

- Meet with Steering Committee, review and finalize study scope, work program, overall schedule, discuss communication and file-sharing methods, and set dates for meetings and benchmarks

Task 1.4: Coordination Meetings with City Staff and Officials

- PMT meetings (approximately 14)
- Chaska Parks and Recreation Commission meetings (2 meetings: one work session, one final presentation)
- City Council meeting (1)

Task 1 Deliverables

- Project Management Plan
- PMT meetings (biweekly)
- PSC meetings (monthly)
- Meetings with City Council and Parks and Recreation Board

Task 2: Public Engagement Process

In this task we'll develop and deploy creative and inviting tools and strategies to engage residents. We'll use multiple approaches to develop meaningful conversations around walking and biking that will strengthen long-term relationships and benefit of plan implementation. We'll implement a robust online and in-person engagement strategy, including two rounds of open house workshops, two focus group / Listening Session meeting, two "Pop-Up" events and ongoing online engagement opportunities.

Task 2.1: Community Engagement Plan

» Work with the PMT and the Project Steering Committee to develop a Community Engagement Plan (CEP) outlining engagement goals, activities and events

- Use public locations during convenient times to maximize opportunity for participation at plan workshops and comment-gathering activities
- Include two "Pop-Up" events for information gathering and dissemination at area festivals and other summer community events

Task 2.2: Project Website, Community Survey and Interactive Online Mapping

» Develop a robust online presence to collect residents' ideas and comments and distribute updates and progress on the plan

» Implement a project website to host and distribute plan materials and notices

- The community survey, online map and other tools will be available from the site

» Develop an interactive comment map tool ("Wikimap") to gather location-specific comments regarding issues, opportunities and ideas for the city's walk / bike network



Pop-Up engagement at a Farmer's Market in Grand Forks, ND.

» Develop a community survey to understand the travel needs and habits of the Chaska community, including:

- Identifying the types of non-motorist commuters present in the community and their current level of comfort with available options for walking and biking
- Identifying priorities for future improvements that respond to the needs of the Chaska community
- Making extensive use of images and visual preferences to identify level of comfort with potential facilities

Task 2.3: Public Workshop #1: Project Introduction

» Work collaboratively with the PMT, BFC Committee/PSC, and City staff to organize and host a Kick-Off Public Workshop

- Introduce plan goals and process to wider community and gather ideas regarding facility types, routes and improvements for the city's future network



Task 2.4: Pop-Up Engagement Events

- Work closely with the PMT, BFC Committee/PSC, and City staff to coordinate and implement two (2) Pop-Up engagement events to collect ideas and preferences from residents at trails, popular community locations and ongoing events
  - The two events are anticipated the Cycle Chaska Event and the Chaska Fire & Ice Festival

Task 2.5: Focus Group Meetings / Listening sessions / Targeted Engagement

- Work closely with the PMT, BFC Committee/PSC, and City staff to coordinate and implement two (2) focus group meetings / listening sessions with community organizations and hosts to dive deeper into specific issues and ideas from Chaska communities
  - Potential hosts include Chamber of Commerce, local students, seniors group, Downtown Business Alliance, among others

Task 2.6: Public Workshop #2: Refining Options

- Work collaboratively with the PMT, BFC Committee/PSC, and City staff to organize and host a Public Workshop to refine plan recommendations
  - Present all information and results gathered and developed
  - Present options being considered and provide opportunity for public comments and guidance

Task 2.7: Summarize and Report Engagement Results

- Prepare a summary report that includes all of the ideas, comments and preferences received from the Chaska community, including
  - Community survey
  - Interactive online Wikimap
  - Public workshops and Pop-Up events
- Place report online and share results with the wider Chaska community

Task 2 Deliverables

- Community Engagement Plan (CEP)
- Two Public Workshops
- Two Pop-Up events
- Two Listening Sessions
- Summary of Public Outreach Findings



Walkability is a key component for the success of Main Street commercial districts. Image: Northfield, Minnesota.

Task 3: City Policy and Planning Document Review

Several previous and current plans, policies and studies have included mention or goals for non-motorized and active transportation in Chaska. We will conduct a thorough review of these documents and policies, and will summarize key elements, common themes and inconsistencies that may exist between them.

Tasks in this phase include:

- Task 3.1: Review existing documents
- Task 3.2: Evaluation of current policies and strategies
- Task 3.3: Summarize key commonalities and inconsistencies

Task 3 Deliverables

- Summary of existing guidance, and highlight of key commonalities and inconsistencies between current policy and planning documentation

Task 4: Existing Conditions Review and Analysis

In this task we develop a thorough analysis of existing bicycle and pedestrian facilities in Chaska. Research on existing resources, routes and activity zones along with evaluation of potential pedestrian and bicycling facilities and areas inform this task.

Task 4.1: In-Person Review of Existing Facilities and Conditions

- Work collaboratively with the PMT, BFC Committee/PSC, and City staff to to gain a detailed perspective from local users on specific issues and locations of concern, as well as ideas for improvement
- Conduct site visits and other field work to gain fuller understanding of assets, issues, challenges and constraints of existing pedestrian and bicycle facilities

Task 4.2: Inventory of Existing Pedestrian and Bicycle Facilities, Conditions and Activity

- Review existing and proposed pedestrian and bicycle routes
- Identify typical ADA non-compliance issues and infrastructure
- Identify origins / destinations / trip generators for bicycle and pedestrian traffic, including local and regional destinations and destinations for recreational, commuter, visitors, through-travelers, and other types of non-motorized users
- Research existing conditions as needed through site visits and other field work, including detailed field review and inventory of existing bicycle facility dimensions, conditions, and constraints, using a GIS mobile application
- Review and validate non-motorized routes identified in previous planning efforts
- Inventory existing bicycle and pedestrian activity
- Coordinate with Chaska staff to identify current data collection methodology
- Identify locations of reported pedestrian and bicycle crashes within the study area
- Identify gaps and barriers in the existing bicycle and pedestrian network

Task 4.3: Needs and Demand Analysis

- Perform a user needs and demand analysis of pedestrians and bicyclists to ensure that the proposed systems and networks meet the needs and interests of bicyclists and pedestrians of all ages and abilities
- Perform field research of conditions identified to highlight hazards, barriers and constraints
  - Barriers can include geographical, infrastructure, social and institutional barriers
- Evaluate existing programs to measure needs in each of the “non-infrastructure” 6Es areas
  - Include education, encouragement, enforcement, measurement, and equity
- Evaluate crash data to identify high-crash intersections and infrastructure
- Perform a Level of Traffic Stress analysis on current street and trail network in selected localities to identify opportunities to develop a "low stress" bicycle and pedestrian network
- Provide an overview of issues related to the successful integration of pedestrian, bicycling, and transit infrastructure and networks
- Identify and provide improvement recommendations for pedestrian infrastructure and bicycle routes that align with transit opportunities, including at transit hubs, schools, downtown areas, and employment centers, among others.

Task 4 Deliverables

- Diagnostic of Existing System, Facilities and Activities
- Needs and Demand Analysis Methodology
- Summary of Needs and Demand Analysis

Task 5: Vision, Principles, Strategies and Goals

Based on the information gathered through public engagement, previous tasks and the review of the guiding principles articulated in other Chaska planning documents, we will develop a clear vision and revised set of guiding principles for a truly walkable and bikeable Chaska. The vision and goals will guide the development of the plan recommendations in Task 6. We will also develop goals to guide the planning, funding and implementation of projects and increase the number of walkers and cyclists of all ages and abilities.

Task 5.1: Develop Plan Vision and Goals

Develop a vision, goals and objectives from public and staff guidance. Comments and guidance from the PMT, BFC Committee/PSC, and City staff, and early engagement efforts, including the first round of open house workshops and interviews with advisory committees and staff, will be used to develop a unifying vision for the plan purpose and preliminary goals and objectives for the plan.

Goals and objectives will consider:

- Community needs and desires;
- The differing needs between pedestrians and cyclists;
- County, State and local responsibilities and roles in planning and designing bicycle and pedestrian facilities.

We will refine the vision, goals and strategies in consultation with the PMT, BFC Committee/PSC, and City staff to offer a firm foundation for the plan's approach and recommendations.

Task 5 Deliverables

- Vision, Goals and Objectives for the Chaska Bicycle and Pedestrian Master Plan

Task 6: Develop Plan Recommendations

In this task we use information generated in the previous tasks to generate plan's principal recommendations. These recommendations are shaped by and respond to the vision, goals and principles defined in Task 5.

Task 6.1: Toolbox of Best Practices and Design Requirements

- Develop a selection of facilities and Best Practices that are especially applicable to Chaska
  - Research and summarize applicable City, County, State and national standards, including AASHTO, NACTO, FHWA, MnDOT and ITE
  - Define best practices for bicycling and walking infrastructure applicable to the City (e.g. bicycle- friendly intersection design, pedestrian-friendly crossings and signalization, bicycle parking)

Task 6.2: Identify Potential Routes, Network and Potential Treatments

Based on analysis of existing network and facilities, gaps/discontinuities and barriers, LTS analysis and location of potential origins and destinations (including neighborhoods, employment centers, parks and recreation areas, educational institutions, shopping destinations, cultural landmarks and others):

- Identify gaps, discontinuities and barriers
- Address locations of trip origins and destinations in and around the city, including schools, parks, employment, shopping and other community destinations
- Work collaboratively with the PMT, BFC Committee/PSC, and City staff to develop a network of bicycling and pedestrian routes, a list

of improvements for each route, and recommendations for prioritization and phasing

- Develop solutions for addressing connections across gaps or barriers
- Review and validate non-motorized routes identified in previous planning efforts
- Identify opportunities to develop a "low stress" bicycle network for the city

» Develop safety improvements to minimize collisions at high risk crash locations

» Explore potential for bikeshare and other micromobility options in the city

Pedestrian circulation network

» Develop a network of pedestrian routes

» Identify key intersections

» Identify potential issues

» Identify potential, specific treatments for specific locations and intersections along the network

Bicycle circulation network

» Develop a network of bicycling routes

» Develop a two- or three-class hierarchy of routes based on connectivity and local / regional access criteria

» Identify regional connections

» Identify key intersections

» Identify potential issues

» Identify potential, specific treatments for specific locations and intersections along the network

Task 6.3: Safety Improvements

» Based on best practices, recommend potential improvements and countermeasures to reduce risk of collisions at the crash locations identified in Task 4.2

» Identify pedestrian, cyclist and automobile driver education best practices

Task 6.4: Operations and Maintenance

» Define recommended practices for maintenance of bicycle and pedestrian infrastructure

» Define expectations for operations, management and maintenance (including applicability of year-round operations) for individual routes in the network

Task 6.5: Transit Integration & Mobility Hubs

» Provide an overview of issues related to the successful integration of walking, bicycling and transit operations

» Identify and provide improvement recommendations for pedestrian and bicycle routes with high potential for successful integration with existing transit routes and infrastructure

» Identify potential locations for shared-mobility options, including bikeshare and mobility hubs

Task 6.6: Wayfinding / Bike Parking / End of Trip Facilities

» Recommend auxiliary facilities for bicycle and pedestrian travel and networks, including bike parking, wayfinding and rest plazas, lighting, placemaking, and other end of trip facilities

» Provide guidelines, which may be adopted into zoning ordinances, for provision of ancillary facilities as part of development practices

Task 6.7: Policy Recommendations and Guidelines

» Recommend potential amendments to Chaska ordinances and zoning code to

- Enhance, encourage, and support bicycling and pedestrian mobility

- Support Complete Streets
- Enrich pedestrian environments and foster placemaking opportunities in the city

Task 6.8: Education, Encouragement, Promotions and Outreach

» Work with the PMT, BFC Committee/PSC, and City staff to prepare a communications strategy to invite Chaska residents to the city's walking and biking infrastructure, including new bicycle routes, Safe Routes to School programs, and Walking / Biking School Bus programs, among others

» Develop network maps and educational materials that could be distributed to support plan goals

Task 6.9: Evaluation: Methodology and Benchmarks

» Work with the PMT, BFC Committee/PSC, and City staff to identify and recommend performance measures and goals for evaluating growth in walking and bicycling in the City, and overall progress on implementation of the plan's recommendations over future years

» Identify and recommend potential demonstration projects to evaluate improvements and build community engagement and interest

Task 6.10: Coordination Between Jurisdictions

» Work to coordinate planning efforts between area jurisdictions, including the County, schools, and community groups, adjoining municipalities, and others

Task 6.11: Renderings, Maps and Graphics

» Prepare renderings, maps and other graphics illustrating proposed pedestrian and bicycle routes, corridors and connections

» Provide illustrations of typical cross-sections, profiles and design standards for pedestrian and bicycle ways, intersections, and other facilities proposed by the plan

Task 6.12: Cost Estimates

» Develop planning-level cost estimates, and identify potential cost, acquisition and construction issues, for the routes and strategies identified in the Plan

Task 6.13: Implementation Action Plan (IAP)

» Prepare an Implementation Action Plan (IAP) identifying steps and prioritization for implementing the proposed network

» Prioritize recommended improvements over the short, medium and long-term, identifying potential relative costs associated with each recommended step

» Identify discrete projects that could be funded individually as opportunities arise

» Identify organizations, public officials, government agencies and other partners whose involvement would be needed for implementing each of the recommended steps

» Identify funding and financing opportunities, at the local, State and Federal level (including grants and state aid funding), which may be used to implement the Plan

» Identify methods to fund the maintenance of the existing and future non-motorized transportation network

Task 6 Deliverables

» Best Practices Guide: Bicycle and Pedestrian Infrastructure Toolbox

» Maps: Proposed Pedestrian and Bicycle Network

» Recommendations for Each of 6Es

» Estimate of Potential Costs

» Implementation Action Plan (IAP)

Task 7: Prepare the Final Pedestrian and Bicycle Master Plan Document

In this task we bring closure to remaining scope items, finalize preparation of final project materials, and provide tools for disseminating results of the work produced.

Task 7.1: Finalize Draft Narrative, Renderings, Maps and Other Graphics

» Prepare and finalize all draft narrative, renderings, maps and other graphics to describe and illustrate project recommendations and final materials as needed

Task 7.2: Publish Public Draft for Review

» Prepare a "Public Draft for Review" document and present to PMT, city staff and council, and stakeholder groups as requested

» Make "Public Draft for Review" document available at the plan website to maximize opportunity for public comment and review

» Ongoing: Obtain comments from listening sessions and web tool, and incorporate into the Draft Plan as appropriate

Task 7.3: Refine Recommendations to Address Comments Received

» Refine Recommendations Based on PMT, BFC Committee/PSC, and City staff and public comments obtained in Task 7.2, identify and address issues, modify recommendations as needed, and/or more clearly communicate rationale for recommendations

Task 7.4: Final Draft of Plan

» Finalize Pedestrian and Bicycle Master Plan

» Present Plan to City Council



Demonstration projects can help build community buy-in and engagement - and test out the effectiveness of potential recommendations and investments.

» Include and respond to all comments provided to the Public Draft of the Plan

» Submit all maps and related documents in hard copy and digital format. Work with City Staff to ensure all materials are submitted in appropriate formats

» Complete Final Draft of Plan by end of September 2021

Task 7.5: Final Meeting with Chaska Staff

» Final meeting with city and other stakeholders

» Verify all project tasks have been completed

» Opportunity for feedback, project evaluation and comments

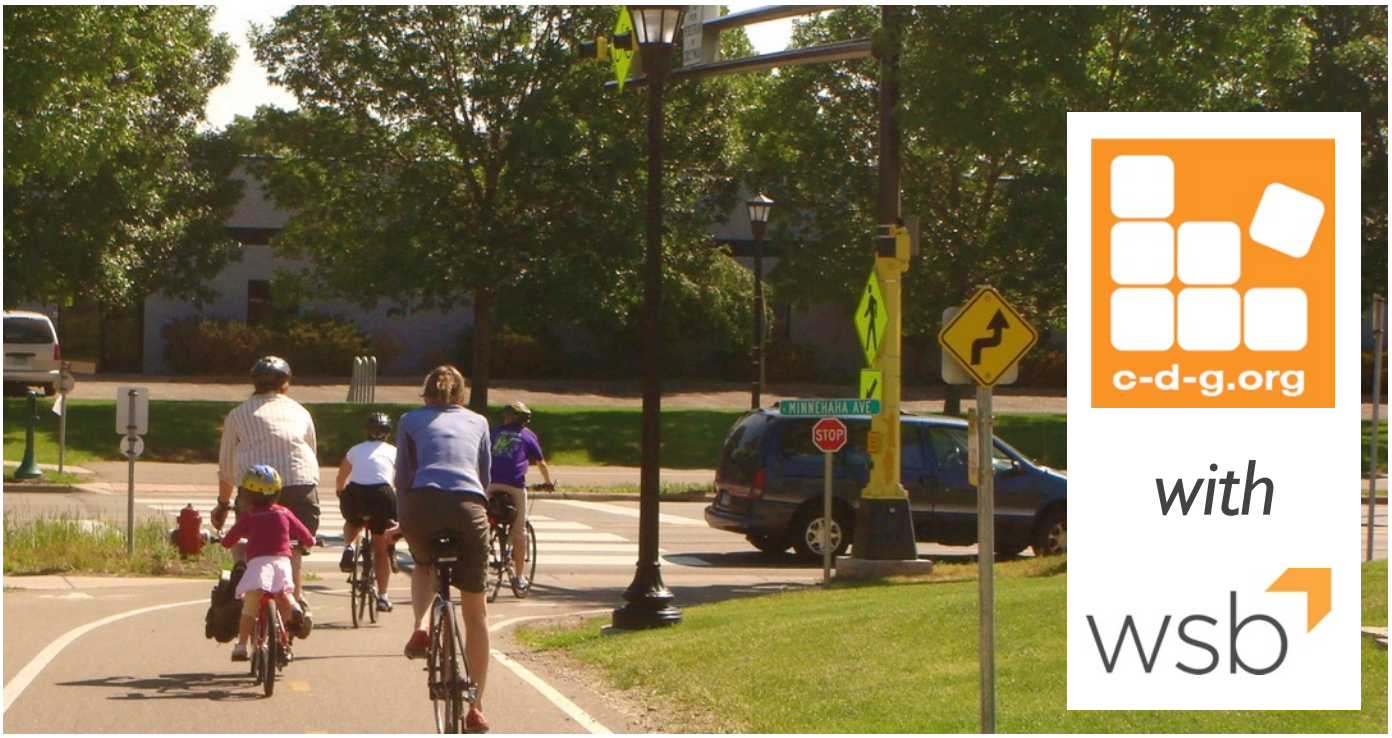
Task 7 Deliverables

» Public Draft for Review of Plan document

» Final Draft of Plan Document

» Presentation to City Council: Key points of Final Draft of Plan

4 Key Personnel



Community Design Group (CDG) will lead pedestrian and bicycle planning activities and serve as the Prime Consultant for the project.

WSB and their team of implementation experts will participate as subconsultants to CDG.

The **CDG Team** will deliver best value and highest implementation to the City.

WHY OUR TEAM

- Trajectory of **bicycle and pedestrian planning innovation** and **community-responsive planning**
- Leadership and demonstrated experience in **communities of similar size**
- **Implementation-focused approach** - our goal and focus will be **growing walking and biking in Chaska**

Antonio M. Rosell, P.E., AICP

Overall Team Project Manager / Planning and Design Lead / Engagement Lead



Antonio Rosell is the founder and Director of Community Design Group. A Civil Engineer and Urban Planner and with **25 years of professional experience**, he integrates innovation and best-practices in pedestrian and bicycle planning, community design, and community participation to facilitate innovation, consensus-building and project implementation.

He has led **over one hundred bicycle, pedestrian and Safe Routes to School planning and design projects** throughout the Midwest. He works to make Active Transportation a normal and fun, everyday part of daily life for people of all ages and abilities.

He serves as Adjunct Professor in the Urban and Regional Planning Program of the University of Minnesota's Humphrey School and was recognized as "**2015 Planner of the Year**" by the Minnesota Chapter of the American Planning Association.

Education

- Master of Urban and Regional Planning, University of Minnesota Humphrey Institute of Public Affairs
- Coursework in Architecture, University of Minnesota
- Bachelor of Science, Civil Engineering, Florida International University

Registrations

- Licensed Professional Engineer (P.E.), Minnesota
- Certified Planner, American Institute of Certified Planners (AICP)

Memberships

- Association of Pedestrian and Bicycle Professionals (APBP)

Awards

- 2015 Minnesota Planner of the Year, American Planning Association Minnesota (MnAPA)

Selected Experience

- Metropolitan Council Mobility Hub Planning Guide - Twin Cities, MN
- Fergus Falls Bicycle and Pedestrian Plan - Fergus Falls, MN
- Three Rivers Park District West Metro Regional Trails Study
- Saint Paul Grand Round Trail Master Plan - St. Paul, MN
- DMC Rochester City Loop Transportation Study - Rochester, MN
- Edina Pedestrian and Bicycle Master Plan - Edina, MN
- Oak Creek Safe Routes to School (SRTS) Action Plans - Oak Creek, WI
- MnDOT Statewide Bicycle Plan - Minnesota statewide
- Bismarck-Mandan 2015-2040 Long-Range Transportation Plan
- Eden Prairie Pedestrian and Bicycle Plan - Eden Prairie, MN
- Grand Forks 2045 Land Use Plan Update - Grand Forks, ND
- Hennepin County Bicycle Transportation Plan
- MnDOT Safe Routes to School (SRTS) Planning - MN statewide
- Bozeman Design Guidelines - Bozeman, MT
- Hopkins Pedestrian and Bicycle Plan - Hopkins, MN
- Maple Plain Trail and Sidewalk Plan - Maple Plain, MN
- Brooklyn Park Pedestrian and Bicycle Plan - Brooklyn Park, MN

Andrew Plowman, P.E.

WSB / Senior Transportation Engineer



Proposed Role in the Chaska Pedestrian and Bicycle Plan

- Intersection concepts, feasibility and implementation
- Constructability and implementation feasibility

Education

- Bachelor of Civil Engineering, University of Minnesota, 2000

Registrations

- Professional Engineer - Minnesota #44200

Andrew is a project manager and lead design engineer in the Transportation Group at WSB. Over the last 20 years, he has led numerous projects involving multimodal design and facilities, from state aid projects to trunk highway projects. Andrew's involvement in the design process ranges from initial concepts to preliminary and final design. He is a firm believer in proactively using the design process to explore constructability and potential for implementation.

Selected Experience

France Avenue Pedestrian Enhancements, Edina, MN

Andrew led design for provision of **safe and comfortable pedestrian accommodations along and across France Avenue** (CSAH 17) from 76th Street to 66th Street. The project included improving intersections at 76th Street, 70th Street, and 66th Street and the addition of sidewalks along the east side of France Avenue. Improvements included creating median refuge islands, constructing corner planter islands, installing new push button stations, and enhancing pedestrian crossing facilities, as well as a large streetscape improvement initiative.

Ridgedale Drive Multimodal Improvements, Minnetonka, MN

Andrew led revisioning and redesign of Ridgedale Drive as a multi-modal, inviting parkway that could provide **safe pedestrian crossings and creating a sense of place** while also handling the high peaks in traffic for the area. Andrew and his team developed concept and final design plans for the reconstruction of Ridgedale Drive. Today, the reconfigured roadway (transformed from a four-lane, undivided roadway into a new two-lane multimodal corridor) is a comfortable and friendly facility for pedestrians while still addressing needs for motor traffic.

Douglas Drive Reconstruction, Golden Valley, MN

Andrew led design and coordination for the transformation of this key corridor in the city. The end result is a multimodal corridor that addresses the needs of multiple users and agencies - and that brought **new on-street bike lanes, sidewalk, trail and streetscape improvements** - as well as traffic roundabouts, sanitary and watermain replacement, retaining walls, box culvert replacements, stormwater facilities, and utility and signals improvements.

D.J. Sosa, P.E.

WSB / Transportation Engineer



Proposed Role in the Chaska Pedestrian and Bicycle Plan

- Pedestrian and bicycle trail and facility concepts, feasibility and implementation
- Constructability and implementation feasibility
- Cost estimation
- Phasing

Education

- Masters of Infrastructure Systems Engineering, University of Minnesota, 2013
- Bachelor of Civil Engineering, Minor in Construction Management, University of Minnesota, 2007

Registrations

- Professional Engineer - Minnesota #49048

DJ brings 15 years of experience working in the design of numerous trail projects - from concepts to preliminary and final design. His first-hand experience in trail design provides him with a rich understanding of impacts to the adjacent roadway infrastructure, identifying constructability issues, and mitigating those issues by providing various geometric design options.

Selected Experience

Lake Marion Trail Project, Burnsville, MN

DJ led development of the final design, right of way acquisition and public involvement for the the Lake Marion Greenway. This trail closes a gap in the regional bicycle/pedestrian network and improves safety for pedestrians and bicycle riders by providing an off-street trail connecting existing bicycle/pedestrian trails - and it greatly expands the overall network available to non-motorized transportation users in the area.

White Bear Avenue Reconstruction & ADA, St. Paul, MN

DJ led the final design to reconstruct a one-mile portion of White Bear Avenue as a new multimodal corridor with reconfiguration of traffic lanes, new traffic signals, ADA improvements, and drainage and utility upgrades. The project included installation of a new HAWK signal to improve connectivity and safety for people walking and biking.

CSAH 9 Trail Project, Pine City, MN

DJ led development of preliminary design concepts and alternatives for th trail along CSAH 9 (East Cross Lake Road) from CSAH 8 to Bridge 7186 (over the Snake River) in Pine City. The client, Pine County, sought to explore feasible options for developing a trail while addressing constraints along the existing road. DJ led identification of drainage and right-of-way impacts, along with costs for each concept.

Cliff Road Trail Project, Burnsville, MN

DJ developed preliminary and final design plans for a trail project along Cliff Road to provide an east-west connection that improves safety for people walking and biking. The dedicated trail facility improves non-motorized access to existing transit service and nearby destinations, and greatly expands the city's network.

Marcus VanderBrug, P.E.

WSB / Transportation Engineer



Proposed Role in the Chaska Pedestrian and Bicycle Plan

- Intersection concepts, feasibility and implementation
- Constructability and implementation feasibility

Education

- Bachelor of Science in Civil Engineering, Calvin University, 2011

Registrations

- Professional Engineer - Minnesota #56164

Marcus VanderBrug offers seven years of experience working in several design, implementation and estimation activities - from concept and desing development of trails and other pedestrian and bicycle facilities - including pedestrian bridges and other infrastructure. Some of the services he will contribute to this project include concepts development, design calculations, implementation feasibility / constructabililty, cost estimating, and utility coordination.

Selected Experience

Memorial Park Trail and Pedestrian Bridge, Shakopee, MN

Marcus coordinated design activities, cost estimation and plan production for construction of 1,800 feet of trail through Memorial Park (including a pedestrian bridge across Shakopee Memorial Pond). Coordination of environmental and wetland issues was an important part of this project.

Mill Pond Trail and Pedestrian Bridge, Champlin, MN

Marcus served as project engineer for preliminary and final design of a trail around Mill Pond in the City of Champlin. Coordinated with a previous TH 169 roadway project, it connected an existing portion of trail south of Mill Pond to the newly constructed pedestrian underpass, and also included design for a new pedestrian bridge.

CSAH 42 Improvement, Prior Lake & Savage, MN

This project included multiple intersection improvements, trail design, ADA improvements, signals, and retaining walls for the reconstruction of CSAH 42 along the border of Prior Lake and Savage in Scott County. Marcus led development of ADA improvements, trails, cost estimation, and right-of-way analysis and utility coordination.

Duluth Avenue Improvements, Prior Lake, MN

This project included ADA improvements, upgrading of crossings and signals at several locations along Duluth Avenue, and development of a new roundabout.

5 Qualifications and Experience

CDG is well qualified to lead this project and bring it to a successful conclusion. We bring a rich history of productive collaboration and excellence in non-motorized transportation planning, community design, and stakeholder engagement.

We offer innovative approaches, concepts and solutions that build community participation and buy-in, and that lead to implementation.

Some of our bicycle and pedestrian planning projects include:

- City of Edina Pedestrian and Bicycle Master Plan (2007 and 2018)
- Three Rivers Park District West Metro Regional Trails Study (Twin Cities, MN)
- City of Fitchburg (WI) Bicycle and Pedestrian Plan
- MnDOT Safe Routes To School (SRTS) Statewide Planning Assistance (four planning cycles, for over one hundred schools, from 2012 to 2017)
- Oak Creek (WI) Safe Routes to School Action Plan
- Saint Paul Grand Round Trail Master Plan
- Hennepin County Active Living Demonstration Project: Hopkins and Brooklyn Center
- City of Brooklyn Park Pedestrian and Bicycle Plan
- City of Bemidji Bicycle Plan
- Destination Medical Center (DMC) Rochester City Loop Transportation Study
- Regional Active Transportation Plan for Benton, Sherburne, Stearns, and Wright counties
- Ramsey County Pedestrian and Bicycle Plan
- MnDOT Statewide Bicycle System Plan
- City of Eden Prairie Pedestrian and Bicycle Plan
- City of Robbinsdale Pedestrian and Bicycle Plan
- Nice Ride Minnesota Twin Cities Bikeshare System Planning (2010 to 2019)
- Metropolitan Council Regional Bicycle System Master Study
- Hennepin County Bicycle Transportation Plan
- City of Maple Plain Trail and Sidewalk Plan
- City of Hopkins Pedestrian and Bicycle Plan
- Hennepin County Pedestrian Plan
- Wright County Trail and Bikeway Plan
- Pedestrian and Bicycle Planning Services, Bike Walk Twin Cities, Federal Non-motorized Transportation Pilot (NTP)

For additional project information, please visit our website at www.c-d-g.org

Edina Pedestrian and Bicycle Plan

Edina, Minnesota



Edina's new Pedestrian and Bicycle Plan focuses on building an "All Ages and Abilities" walking and biking network - an ambitious goal for this fully-developed first-ring suburban community.

Known for its high quality of life and its forward-thinking approaches to sustainability and resident empowerment, Edina sought to develop a non-motorized network that would allow residents and visitors to walk and bike to school, work, parks, shopping and community destinations using facilities that are safe, comfortable and inviting to the majority of its population.

The plan strongly articulates a holistic "6Es" framework, with additional initiatives addressing education, encouragement, enforcement, measurement and evaluation, and equity - setting the city on its path to continuing success.

CDG developed the city's first bicycle plan in 2007 and was hired for this key 2018 update based on the successful implementation experience of that first plan (more than 40 miles of new bike facilities in the city since its adoption).

Client

City of Edina

Scope

- Pedestrian and Bicycle Planning
- Community Engagement

Reference

Mark K. Nolan, AICP
Transportation Planner,
City of Edina
MNolan@edinamn.gov
952-826-0322

Rochester City Loop

Rochester, Minnesota



Rochester's Destination Medical Center (DMC) is a far-reaching, city-shaping initiative for the region. The DMC City Loop bicycle trail is a key component for expanding transportation options for workers and visitors, attracting a skilled workforce to the city, and building quality of life for all.

The City Loop trail expands Rochester's existing bicycle network while creating a premier, world-class facility encircling downtown. Supporting Rochester's DMC Development District, the City Loop will provide comfortable, high quality walking and biking facilities to safely connect residents, employees, visitors, patients, and patient companions with places and spaces throughout the downtown.

CDG worked as part of a multidisciplinary project team to develop design alternatives for the trail, and to develop concept and design drawings to inform the complex planning for the accompanying Bus Rapid Transit (BRT) system serving the city. In addition, CDG provided best practices guidance around the trail's operations and maintenance, with a focus on winter operations to support year-round use.

Client

City of Rochester DMC

Scope

- Pedestrian and Bicycle Planning
- Community Engagement

Reference

Richard Freese, Director of Public Works, City of Rochester
rfreese@rochestermn.gov
507-328-2400

West Metro Regional Trails Feasibility Study

Minnetonka, Plymouth, Wayzata, Eden Prairie and Hopkins, Minnesota



CDG led a study for Three Rivers Park District (TRPD) to determine the preferred alignments for two future regional trails in the Twin Cities metro area. The trails include a new north-south alignment between Bryant Lake and French Regional Parks, and an extension of the Dakota Rail Regional Trail.

The new trails connect key regional destinations and provide connectivity and access to local destinations in Plymouth, Wayzata and Minnetonka using an "All Ages and Abilities" network designed for the broadest range of users.

To deliver best value to Three Rivers and partner cities, CDG used a planning and design process that deeply considered a range of alternative alignments and evaluated them based on suitability, ease of implementation and user experience. CDG also implemented an extensive community engagement to inform planning and design decisions.

The study determined the preferred alignments for the route, established an estimate of probable costs, and provided the foundation for a subsequent master plan to guide final design and implementation.

Client

Three Rivers Park District

Scope

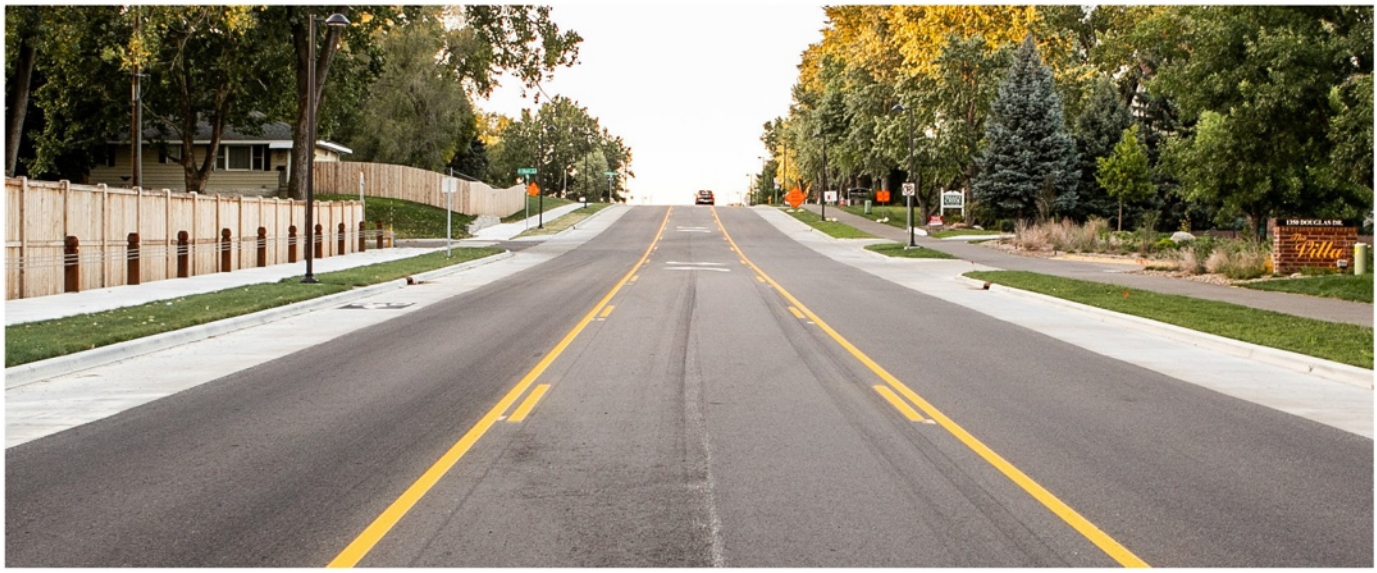
- Pedestrian and Bicycle Planning
- Community Engagement

Reference

Stephen Shurson
Landscape Architect,
Three Rivers Park District
stephen.shurson@threeriversparks.org
763-559-6766

Douglas Drive Reconstruction

City of Golden Valley and Hennepin County, Minnesota



WSB completed conceptual layouts, preliminary design, staff approved layouts, final design, public engagement, and environmental documentation for the $15M reconstruction of Douglas Drive (CSAH 102) for the city of Golden Valley. Douglas Drive was known as a corridor that was unfriendly to non-motorized traffic and had a history of severe pedestrian crashes. To address the challenges along the corridor WSB identified and evaluated several multimodal treatments (bike lanes, trails, sidewalks, landscaping, crossings, bus stop accommodations, corner plaza treatments, etc.) along with traditional design elements associated with roadway design, stormwater treatment, at-grade railroad crossings, intersection control and city utilities. The project required coordination with the City of Golden Valley, Hennepin County, MnDOT, Bassett Creek Watershed District, Metro Transit, Canadian Pacific Rail, Union Pacific Rail, the Perpich Center School and the Robbinsdale School District.



Lake Marion Trail

Burnsville, Minnesota



The Lake Marion Greenway Trail segment of the regional Lake Marion Greenway closes a gap in the regional bicycle/pedestrian network, and improves safety conditions for pedestrians and bicyclists by providing a multi-use trail connecting existing bicycle/pedestrian trails at Sunset Pond Park to existing bicycle/pedestrian lanes on Burnsville Parkway/Hanrehan Lake Boulevard, which connect to Murphy-Hanrehan Park Reserve. Sidewalk construction along the north side of Burnsville Parkway from Hanrehan Trail within the City of Savage limits to the crossing at Cam Ram Park was incorporated with the project. WSB completed the feasibility study, continued the process from preliminary to final design. WSB also completed the permitting, utility coordination, and ROW acquisition.



Cliff Road Trail

Burnsville, Minnesota



After supporting the City of Burnsville in evaluating scope options and preparation of a federal funding application, WSB continued with the project by completing the preliminary and design plans for the Cliff Road trail project.

The Cliff Road Trail segment is approximately 0.75 miles in length. The proposed 10-foot-wide bituminous trail alignment started at TH 13 in the City of Burnsville, follow the northside of Cliff Road (CSAH 32) to Cinnamon Ridge Trail in the City of Eagan.

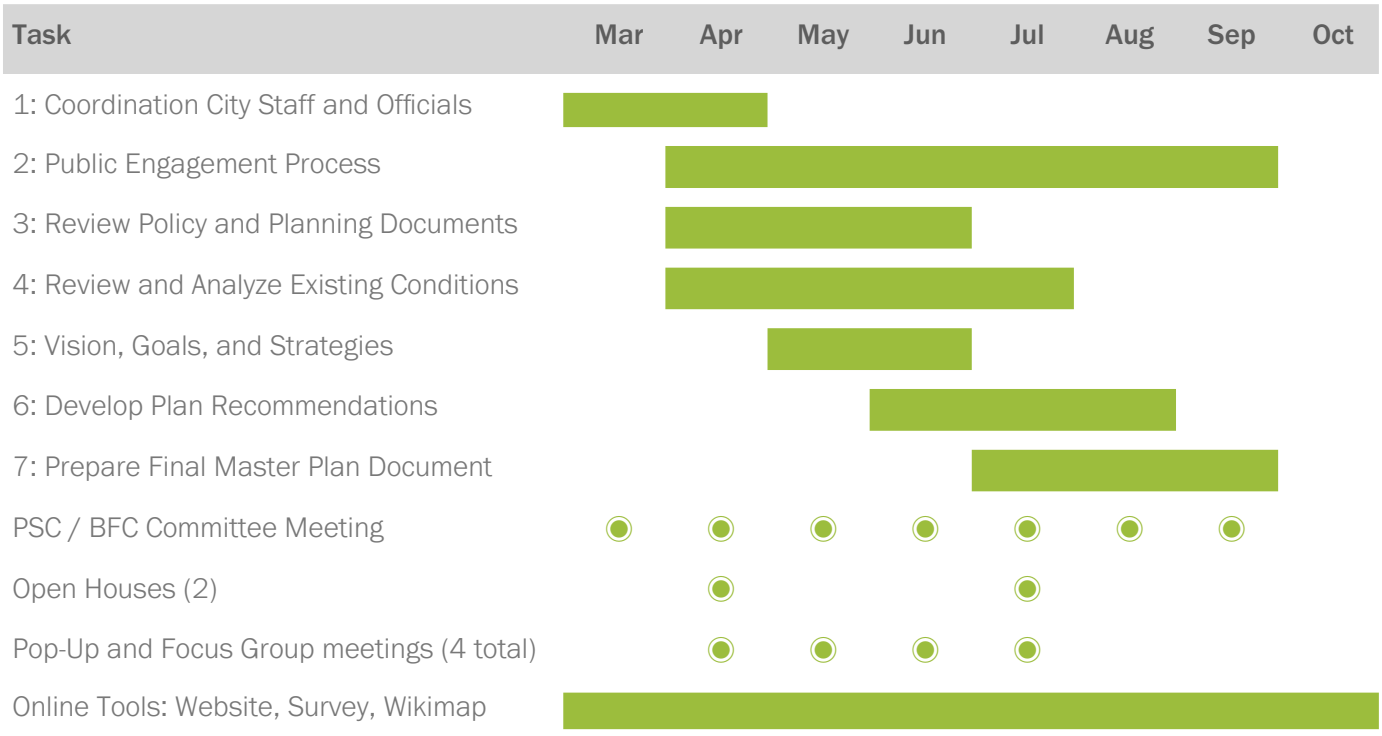
The purpose of the project is to provide an east-west trail connection on the north side of Cliff Road for nonmotorized users that improves safety conditions for pedestrians and bicyclists by providing a dedicated trail facility and improves non-motorized access to existing transit service and nearby destinations. WSB developed the preliminary and final design for the City of Burnsville, our scope also includes permitting, utility coordination, and ROW acquisition. Cost Estimate: $850k



6 Timeline and Task Schedule

To make best use of time and resources, we would start work as soon as the project is awarded (assuming mid-March 2021). Community engagement efforts would begin almost immediately to maximize opportunity for public participation. We anticipate a seven-month timeline for completion of the project, with a draft plan presented to the City on or before the end of September 2021.

We will be happy to modify the timeline as needed to match City priorities and schedule.



7 Fee Proposal



The CDG / WSB Team will complete all of the requested services for a not-to-exceed fee of $49,975.

We will be happy to work with the City of Chaska to modify the budget or suggested sequence or timing of activities to match the City's financial realities and desired timelines.

Budget

Labor Estimate per Firm and Phase	CDG		WSB		Total labor ($)
Staff	Rosell	Plowman	Sosa	VanderBrug	
Hourly rate	$135	$184	$174	$130	
TASK 1: Project Management and Coordination					
1.1: Project Management Team (biweekly)	7	0	0	0	$945
1.2: Project Kick-off	2	0	2	0	$618
1.3: Steering Committee Meetings and Coordination (monthly)	28	0	0	0	$3,780
1.4: Meetings with City Staff and Officials	6	0	0	0	$810
TASK 2: Public Engagement Process					
2.1: Community Engagement Plan	8	0	0	0	$1,080
2.2: Project Website, Community Survey and Interactive Online Mapping	12	0	0	0	$1,620
2.3: Public Workshop #1: Project Introduction	6	0	2	4	$1,678
2.4: Pop-Up Engagement Events (2)	6	0	0	6	$1,590
2.5: Focus Group Meetings / Listening sessions / Targeted Engagement (2)	6	0	0	6	$1,590
2.6: Public Workshop #2: Refining Options	6	0	2	4	$1,678
2.7: Summarize and Report Engagement Results	12	0	0	4	$2,140
TASK 3: City Policy and Planning Document Review					
3.1: Review existing documents	8	0	0	4	$1,600
3.2: Evaluation of current policies and strategies	2	0	0	4	$790
3.3: Summarize key commonalities and inconsistencies	2	0	0	4	$790

Labor Estimate per Firm and Phase	CDG		WSB		Total labor ($)
Staff	Rosell	Plowman	Sosa	VanderBrug	
Hourly rate	$135	$184	$174	$130	
TASK 4: Existing Conditions Review and Analysis					
4.1: In-Person Review of Existing Facilities and Conditions	4	0	4	0	$1,236
4.2: Inventory of Existing Pedestrian and Bicycle Facilities, Conditions and Activity	6	0	0	4	$1,330
4.3: Needs and Demand Analysis	4	0	0	4	$1,060
TASK 5: Vision, Principles, Strategies and Goals					
5.1: Develop Plan Vision and Goals	6	0	2	2	$1,418
Task 6: Develop Plan Recommendations					
6.1: Toolbox of Best Practices and Design Requirements	12	0	4	0	$2,316
6.2: Identify Potential Routes, Network and Potential Treatments	16	0	4	4	$3,376
6.3: Safety Improvements	8	4	0	0	$1,816
6.4: Operations and Maintenance	4	2	4	0	$1,604
6.5: Transit Integration & Mobility Hubs	4	0	0	0	$540
6.6: Wayfinding / Bike Parking / End of Trip Facilities	4	0	0	0	$540
6.7: Policy Recommendations and Guidelines	6	0	0	0	$810
6.8: Education, Encouragement, Promotions and Outreach	8	0	0	0	$1,080
6.9: Evaluation: Methodology and Benchmarks	4	0	0	0	$540
6.10: Coordination Between Jurisdictions	2	0	0	0	$270
6.11: Renderings, Maps and Graphics	12	0	0	0	$1,620
6.12: Cost Estimates	2	2	4	5	$1,984
6.13: Implementation Action Plan (IAP)	4	3	4	6	$2,568

Labor Estimate per Firm and Phase	CDG		WSB		Total labor ($)
Staff	Rosell	Plowman	Sosa	VanderBrug	
Hourly rate	$135	$184	$174	$130	
TASK 7: Prepare the Final Master Plan Document					
7.1: Finalize Narrative, Renderings, Maps and Graphics	12	0	2	0	$1,968
7.2: Publish Public Draft for Review	2	0	0	0	$270
7.3: Refine Recommendations to Address Comments Received	8	0	0	0	$1,080
7.4: Final Draft of Plan	4	0	0	0	$540
7.5: Final Meeting with Chaska Staff	2	0	0	0	$270
TOTAL LABOR HOURS	245	11	34	61	
SUBTOTAL LABOR FEE					$48,945
PROJECT EXPENSES Mileage, printing, web and online tools					$1,030
TOTAL PROJECT FEE					**$49,975**

THANK YOU!



BUDGET 1 - $49,975 (Original from Proposal) - CDG Team for City of Chaska Pedestrian and Bicycle Master Plan

Labor Estimate per Firm and Phase	CDG		WSB		Total labor ($)
Staff	Rosell	Plowman	Sosa	VanderBrug	
Hourly rate	$135	$184	$174	$130	
TASK 1: Project Management and Coordination					
1.1: Project Management Team (biweekly)	7	0	0	0	$945
1.2: Project Kick-off	2	0	2	0	$618
1.3: Steering Committee Meetings and Coordination (monthly)	28	0	0	0	$3,780
1.4: Meetings with City Staff and Officials	6	0	0	0	$810
TASK 2: Public Engagement Process					
2.1: Community Engagement Plan	8	0	0	0	$1,080
2.2: Project Website, Community Survey, Interactive Online Mapping	12	0	0	0	$1,620
2.3: Public Workshop #1: Project Introduction	6	0	2	4	$1,678
2.4: Pop-Up Engagement Events (2)	6	0	0	6	$1,590
2.5: Focus Group Meetings / Listening sessions (2)	6	0	0	6	$1,590
2.6: Public Workshop #2: Refining Options	6	0	2	4	$1,678
2.7: Summarize and Report Engagement Results	12	0	0	4	$2,140
TASK 3: City Policy and Planning Document Review					
3.1: Review existing documents	8	0	0	4	$1,600
3.2: Evaluation of current policies and strategies	2	0	0	4	$790
3.3: Summarize key commonalities and inconsistencies	2	0	0	4	$790
TASK 4: Existing Conditions Review and Analysis					
4.1: In-Person Review of Existing Facilities and Conditions	4	0	4	0	$1,236
4.2: Inventory of Existing Facilities, Conditions and Activity	6	0	0	4	$1,330
4.3: Needs and Demand Analysis	4	0	0	4	$1,060
TASK 5: Vision, Principles, Strategies and Goals					
5.1: Develop Plan Vision and Goals	6	0	2	2	$1,418
Task 6: Develop Plan Recommendations					
6.1: Toolbox of Best Practices and Design Requirements	12	0	4	0	$2,316
6.2: Identify Potential Routes, Network and Potential Treatments	16	0	4	4	$3,376
6.3: Safety Improvements	8	4	0	0	$1,816
6.4: Operations and Maintenance	4	2	4	0	$1,604
6.5: Transit Integration & Mobility Hubs	4	0	0	0	$540
6.6: Wayfinding / Bike Parking / End of Trip Facilities	4	0	0	0	$540
6.7: Policy Recommendations and Guidelines	6	0	0	0	$810
6.8: Education, Encouragement, Promotions and Outreach	8	0	0	0	$1,080
6.9: Evaluation: Methodology and Benchmarks	4	0	0	0	$540
6.10: Coordination Between Jurisdictions	2	0	0	0	$270
6.11: Renderings, Maps and Graphics	12	0	0	0	$1,620
6.12: Cost Estimates	2	2	4	5	$1,984
6.13: Implementation Action Plan (IAP)	4	3	4	6	$2,568
TASK 7: Prepare the Final Master Plan Document					
7.1: Finalize Narrative, Renderings, Maps and Graphics	12	0	2	0	$1,968
7.2: Publish Public Draft for Review	2	0	0	0	$270
7.3: Refine Recommendations to Address Comments Received	8	0	0	0	$1,080
7.4: Final Draft of Plan	4	0	0	0	$540
7.5: Final Meeting with Chaska Staff	2	0	0	0	$270
TOTAL LABOR HOURS	245	11	34	61	
SUBTOTAL LABOR FEE					$48,945
PROJECT EXPENSES Mileage, printing, web and online tools					$1,030
TOTAL PROJECT FEE					**$49,975**

BUDGET 2 - $44,919 (Modified from Budget 1 / Original) - CDG Team for City of Chaska Pedestrian and Bicycle Master Plan

Labor Estimate per Firm and Phase	CDG		WSB		Total labor ($)
Staff	Rosell	Plowman	Sosa	VanderBrug	
Hourly rate	$135	$184	$174	$130	
TASK 1: Project Management and Coordination					
1.1: Project Management Team (biweekly)	7	0	0	0	$945
1.2: Project Kick-off	2	0	2	0	$618
1.3: Steering Committee Meetings and Coordination (monthly)	28	0	0	0	$3,780
1.4: Meetings with City Staff and Officials	6	0	0	0	$810
TASK 2: Public Engagement Process					
2.1: Community Engagement Plan	8	0	0	0	$1,080
2.2: Project Website, Community Survey, Interactive Online Mapping	12	0	0	0	$1,620
2.3: Public Workshop #1: Project Introduction	6	0	0	0	$810
2.4: Pop-Up Engagement Events (2)	6	0	0	0	$810
2.5: Focus Group Meetings / Listening sessions (2)	6	0	0	0	$810
2.6: Public Workshop #2: Refining Options	6	0	0	0	$810
2.7: Summarize and Report Engagement Results	12	0	0	0	$1,620
TASK 3: City Policy and Planning Document Review					
3.1: Review existing documents	8	0	0	4	$1,600
3.2: Evaluation of current policies and strategies	2	0	0	4	$790
3.3: Summarize key commonalities and inconsistencies	2	0	0	4	$790
TASK 4: Existing Conditions Review and Analysis					
4.1: In-Person Review of Existing Facilities and Conditions	4	0	4	0	$1,236
4.2: Inventory of Existing Facilities, Conditions and Activity	6	0	0	4	$1,330
4.3: Needs and Demand Analysis	4	0	0	4	$1,060
TASK 5: Vision, Principles, Strategies and Goals					
5.1: Develop Plan Vision and Goals	6	0	0	0	$810
Task 6: Develop Plan Recommendations					
6.1: Toolbox of Best Practices and Design Requirements	12	0	4	0	$2,316
6.2: Identify Potential Routes, Network and Potential Treatments	16	0	4	4	$3,376
6.3: Safety Improvements	8	4	0	0	$1,816
6.4: Operations and Maintenance	4	2	4	0	$1,604
6.5: Transit Integration & Mobility Hubs	4	0	0	0	$540
6.6: Wayfinding / Bike Parking / End of Trip Facilities	4	0	0	0	$540
6.7: Policy Recommendations and Guidelines	6	0	0	0	$810
6.8: Education, Encouragement, Promotions and Outreach	8	0	0	0	$1,080
6.9: Evaluation: Methodology and Benchmarks	4	0	0	0	$540
6.10: Coordination Between Jurisdictions	2	0	0	0	$270
6.11: Renderings, Maps and Graphics	12	0	0	0	$1,620
6.12: Cost Estimates	2	2	2	6	$1,766
6.13: Implementation Action Plan (IAP)	4	2	4	6	$2,384
TASK 7: Prepare the Final Master Plan Document					
7.1: Finalize Narrative, Renderings, Maps and Graphics	12	0	2	0	$1,968
7.2: Publish Public Draft for Review	2	0	0	0	$270
7.3: Refine Recommendations to Address Comments Received	8	0	0	0	$1,080
7.4: Final Draft of Plan	4	0	0	0	$540
7.5: Final Meeting with Chaska Staff	2	0	0	0	$270
TOTAL LABOR HOURS	245	10	26	36	
SUBTOTAL LABOR FEE					$44,119
PROJECT EXPENSES Mileage, printing, web and online tools					$800
TOTAL PROJECT FEE					**$44,919**

Key

Hours changed from Budget 1

Assumptions for New Budget

- PMT meetings held remotely (Zoom)
- PSC meetings held remotely (Zoom)
- Public Workshop #1
  - Held online (Zoom)
  - One staff (Antonio Rosell), assisted by one City staff
- Public Workshop #2
  - Held in-person
  - One staff (Antonio Rosell), assisted by two City staff
  - City coordinates logistics for event venue
  - City assumes printing for large-format and multiple copies
- Focus Group Meetings (2)
  - Held in-person
  - One staff (Antonio Rosell), assisted by one City staff
  - City coordinates logistics / event permissions for both events
- Listening Sessions (2)
  - One held online, one held in-person
  - One staff (Antonio Rosell), assisted by one City staff
  - City coordinates logistics for both sessions

BUDGET 3 - $39,985 (Modified from Budget 2) - CDG Team for City of Chaska Pedestrian and Bicycle Master Plan

Labor Estimate per Firm and Phase	CDG		WSB		Total labor ($)
Staff	Rosell	Plowman	Sosa	VanderBrug	
Hourly rate	$135	$184	$174	$130	
TASK 1: Project Management and Coordination					
1.1: Project Management Team (biweekly)	7	0	0	0	$945
1.2: Project Kick-off	2	0	2	0	$618
1.3: Steering Committee Meetings and Coordination (monthly)	24	0	0	0	$3,240
1.4: Meetings with City Staff and Officials	6	0	0	0	$810
TASK 2: Public Engagement Process					
2.1: Community Engagement Plan	8	0	0	0	$1,080
2.2: Project Website, Community Survey, Interactive Online Mapping	12	0	0	0	$1,620
2.3: Public Workshop #1: Project Introduction	6	0	0	0	$810
2.4: Pop-Up Engagement Events (2)	6	0	0	0	$810
2.5: Focus Group Meetings / Listening sessions (2)	6	0	0	0	$810
2.6: Public Workshop #2: Refining Options	6	0	0	0	$810
2.7: Summarize and Report Engagement Results	12	0	0	0	$1,620
TASK 3: City Policy and Planning Document Review					
3.1: Review existing documents	4	0	0	4	$1,060
3.2: Evaluation of current policies and strategies	2	0	0	4	$790
3.3: Summarize key commonalities and inconsistencies	2	0	0	4	$790
TASK 4: Existing Conditions Review and Analysis					
4.1: In-Person Review of Existing Facilities and Conditions	4	0	4	0	$1,236
4.2: Inventory of Existing Facilities, Conditions and Activity	6	0	0	4	$1,330
4.3: Needs and Demand Analysis	2	0	0	2	$530
TASK 5: Vision, Principles, Strategies and Goals					
5.1: Develop Plan Vision and Goals	4	0	0	0	$540
Task 6: Develop Plan Recommendations					
6.1: Toolbox of Best Practices and Design Requirements	12	0	1	0	$1,794
6.2: Identify Potential Routes, Network and Potential Treatments	16	0	2	4	$3,028
6.3: Safety Improvements	8	4	0	0	$1,816
6.4: Operations and Maintenance	2	0	4	0	$966
6.5: Transit Integration & Mobility Hubs	2	0	0	0	$270
6.6: Wayfinding / Bike Parking / End of Trip Facilities	4	0	0	0	$540
6.7: Policy Recommendations and Guidelines	4	0	0	0	$540
6.8: Education, Encouragement, Promotions and Outreach	8	0	0	0	$1,080
6.9: Evaluation: Methodology and Benchmarks	2	0	0	0	$270
6.10: Coordination Between Jurisdictions	2	0	0	0	$270
6.11: Renderings, Maps and Graphics	12	0	0	0	$1,620
6.12: Cost Estimates	2	0	2	6	$1,398
6.13: Implementation Action Plan (IAP)	4	0	4	6	$2,016
TASK 7: Prepare the Final Master Plan Document					
7.1: Finalize Narrative, Renderings, Maps and Graphics	12	0	2	0	$1,968
7.2: Publish Public Draft for Review	2	0	0	0	$270
7.3: Refine Recommendations to Address Comments Received	8	0	0	0	$1,080
7.4: Final Draft of Plan	4	0	0	0	$540
7.5: Final Meeting with Chaska Staff	2	0	0	0	$270
TOTAL LABOR HOURS	225	4	21	34	
SUBTOTAL LABOR FEE					$39,185
PROJECT EXPENSES Mileage, printing, web and online tools					$800
TOTAL PROJECT FEE					**$39,985**

Key

Hours changed from Budget 1

Hours changed from Budget 2

Assumptions for New Budget

- PMT meetings held remotely (Zoom)
- PSC meetings held remotely (Zoom)
- Public Workshop #1
  - Held online (Zoom)
  - One staff (Antonio Rosell), assisted by one City staff
- Public Workshop #2
  - Held in-person
  - One staff (Antonio Rosell), assisted by two City staff
  - City coordinates logistics for event venue
  - City assumes printing for large-format and multiple copies
- Focus Group Meetings (2)
  - Held in-person
  - One staff (Antonio Rosell), assisted by one City staff
  - City coordinates logistics / event permissions for both events
- Listening Sessions (2)
  - One held online, one held in-person
  - One staff (Antonio Rosell), assisted by one City staff
  - City coordinates logistics for both sessions






PROPOSAL AND QUALIFICATIONS FOR PLANNING SERVICES

PEDESTRIAN AND BICYCLE PLAN
CHASKA, MINNESOTA

Prepared by HKGi
March 1, 2021



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March 1, 2021

Dear Mr. Grange,

HKGi provides its clients with a broad base of community planning knowledge built through years of experience conducting everything from park and trail system plans and comprehensive plans, all the way down to grant writing for small improvement projects that enhance connectivity and safety. This experience and knowledge means that we approach all of our planning work with an understanding that even something as specific as a bicycle and pedestrian plan has to fit with broader community planning directions, initiatives, policies, and the needs and values of community stakeholders.

As you know, HKGi brings a great deal of knowledge and understanding about Chaska's planning and development context, including our current streetscape design work for Hwy. 41/61 in Downtown Chaska, which includes integrating the Circle the Brick trail into the streetscape improvements. We believe this knowledge makes us a good fit to conduct an efficient process that will not only help the City achieve its goal of becoming a Bicycle Friendly Community, but will also provide a custom-designed plan that responds to Chaska's unique needs and helps prepare the community for further improvements even after that objective is reached.

This proposal provides a representative sampling of our bicycle and pedestrian-related work. We are excited about the opportunity to be considered for an intriguing project like this one, and we look forward to learning about it in more detail. If you have any questions or need additional information, please don't hesitate to contact us. We look forward to speaking with you.

Sincerely,
the HKGi Team

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UNDERSTANDING & APPROACH

Project Understanding

The City of Chaska seeks to create a feasible, long-term Pedestrian and Bicycle Plan that establishes a community-supported vision for a connected, convenient, and enjoyable network of facilities. This plan will guide programs and investments that will position the City to accommodate today's residents and visitors while also looking ahead to the future to meet rising demand for non-motorized transportation options and increased focus on public health and active living.

The Pedestrian and Bicycle Plan will guide the City by providing recommendations for:

- Future trail/sidewalk network improvements
- Safety measures and best practices for crosswalk and facility design
- Management, operations and maintenance of facilities
- Policy initiatives and design standards
- Programs and partnerships that provide education and encouragement of non-motorized transportation and active living initiatives
- Implementation and funding strategies
- On-going evaluation and measures of success of plan implementation

Opportunities

The City of Chaska has demonstrated a clear understanding of the importance of fostering a walkable and bicycle community, as shown by recent efforts to apply for designation as a Bicycle Friendly Community through the League of American Bicyclists. The City has already taken many steps to provide a high-quality trail system with links to the Minnesota River Bluffs LRT Regional Trail, efforts to connect schools to sidewalks and trails, and further recreational trails linking to the Minnesota River State Recreation Area. The City's existing street network, primarily comprised of low-volume residential roadways in combination with county roadways and paved shoulders, provides an excellent framework upon which to build a cohesive and comfortable network for biking and walking.

We also see an opportunity for better synergy between this planning process and HKGi's work on the Circle the Brick Trail, which is part of the streetscape design work we are currently conducting in Downtown Chaska along Hwy. 41/61.

Challenges

Some challenges that the planning process will need to address include evaluating and identifying best practices for connecting bicyclists and pedestrians across several state and federal highways, as well as understanding areas of opportunity for retrofitting historical areas of the Downtown. We anticipate other potential challenges as well, such as addressing the rise of e-bikes, ensuring an equitable and accessible process, planning for an aging population, and finding a balance between investing in new facilities while maintaining the assets that are already built. We have found these issues to be a common thread recently among our work with other communities to conduct bicycle and pedestrian planning, and we are active in staying current with national, regional, and statewide best-practices.

Approach

HKGi approaches bicycle and pedestrian through the lens of active living. This approach means that we custom-tailor future network plans and recommendations to meet the specific needs of your community, avoiding a one-size-fits-all approach. Integrating active living principles involves understanding how the community uses and enjoys the current network. We work closely with key stakeholders, representing a wide variety of perspectives, to develop an attainable vision for making it easy, convenient, and safe for people of all ages and abilities to walk or bike throughout the community.

Our planning approach emphasizes finding ways for people to reach community destinations, enjoy the outdoors, get exercise, and recreate on a daily basis. The insight we have gained from our long-standing relationship and history working in Chaska suggests that this planning effort will also involve finding ways that the pedestrian and bicycle network can contribute to regional tourism, economic development, and strengthen connections to natural resources and regional park destinations.

Detailed Project Plan

The following tasks represent our proposed planning process to complete the Pedestrian and Bicycle Plan for the City of Chaska. This process is based on information provided in the RFQ regarding project scope, with additional items provided where necessary to meet the goals and anticipated outcomes of the project.

Task 1 - Organize the Effort

April 2021

The objective of Task 1 is to build a communication framework throughout the duration of the project and introduce the project team to City staff and the Bicycle Friendly Community Committee (BFCC).

HKGi will work with the City and the BFCC to develop a detailed Community Engagement and Communications Plan, which will outline the expectations for communicating internally and with community stakeholders throughout the project. Roles and responsibilities, stakeholder contacts, and schedule of events and meetings will be components of this Community Engagement and Communications Plan.

The HKGi Team will be introduced to key city staff and the BFCC at a Kick-Off meeting and System Tour. This task also includes the development of outreach materials, such as project branding and communication templates, social media materials, and the development of a project website, which will serve as a primary hub of information to be shared with the public about the plan and process. A Parks and Recreation Commission Work Session will also be included in this task, as a means to gather preliminary information and coordinate the project with a key stakeholder group.



Task 1 Subtasks:

1.1 Develop Community Engagement and Communications Plan

1.2 Develop project outreach materials

1.3 Kick-off meeting and system tour with City Staff/BFCC Meeting #1

1.4 Parks and Recreation Commission Work Session (April 13, 2021)

1.5 Coordination with City Staff

Task 1 Deliverables:

- Project outreach materials (project website, social media, branding materials)
- Community Engagement and Communications Plan





HKGi will work with the City to develop a detailed Engagement Plan before developing a project brand and engagement materials.

(Left) A system tour led by the City and the BFCC will let planners get familiar with the City's system and learn about current conditions and challenges.

Task 2 - Inventory and Existing Conditions

April-June 2021

This task will include the collection and assembly of base information through GIS files, maps, studies, and surveys provided by the City. A set of basemaps will be developed and used to perform analysis on the existing roadway and trail network. From these, a series of existing conditions maps will be created that inventory existing bicycle and pedestrian facilities, previously planned facilities, the Regional Bicycle Trail Network (RBTN) and regional connections beyond the City, and key community destinations for biking and walking. Then, a series of analysis maps will be created to better understand the issues and opportunities of the current system: origin/destination analysis, demand analysis, network gaps, crash data and safety barriers, level of stress analysis, and a sidewalk/trail condition analysis.

A complete review of existing and related policy and previous planning documents will also take place during this task, including a summary of relevant take-aways from the 2040 Comprehensive Plan, recommendations provided in the BFC Assessment, Carver County trail and roadway documents, and previous wayfinding and development plans.

Finally, a trends and demographic analysis will be completed, which will examine relevant national and regional trends in biking and pedestrian planning, current demographic make-up of Chaska residents, pedestrian and bicycle facility best practices, and climate change considerations.

A summary report of existing conditions analysis, with concluding issues and opportunities, will be reviewed and discussed at the second BFCC meeting.

Task 2 Subtasks:

2.1 Assemble background data

2.2 Review of City Policy and Previous Planning Documents

2.3 Existing Condition and System Analysis Mapping

2.4 Demographic and Trends Analysis

2.5 Summary of Existing Conditions Analysis

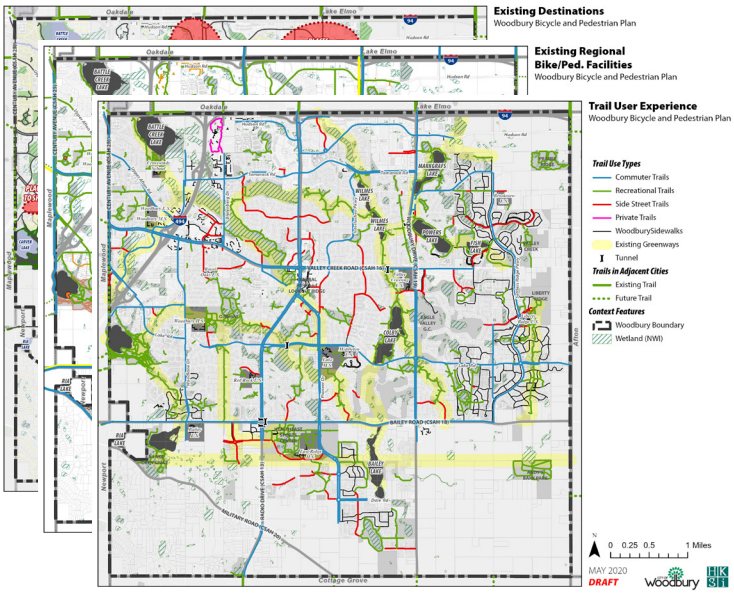
2.6 Coordination with City Staff

2.7 BFCC Meeting #2: Review Existing conditions, Identify Needs and Opportunities

Task 2 Deliverables:

» Existing Conditions + Analysis Summary, including:

- Review of Policies and Plans
- System Analysis
- Demographic and Trends Analysis
- Summary of Needs Analysis



Existing conditions mapping will include items such as existing sidewalk and trail network, existing regional/state trails, destinations, and user experience levels.

Task 3 - Community Engagement Phase 1

April – June 2021

The first phase of community engagement will commence at the beginning of the project and scheduled activities will overlap with Task 2. The objective of this task is to gather input from a wide variety of community stakeholders through a mix of online and in-person methods. To gather broad community feedback, we will develop and launch an online survey to collect information about who is currently using the bicycle and pedestrian system and work to understand barriers, concerns, and ideas. Adjacent to this survey, HKGi will create a Social Pinpoint survey, which is an online mapping tool that allows us to gather location-specific ideas and feedback from the community about destinations, concerns, and ideas.

A Community Open House will be hosted during this phase, with the intent of introducing the project, answering questions, and gathering initial feedback from community members. This event will likely be hosted as a virtual event, due to the anticipated timing with public health guidelines related to COVID-19. With the help of web applications, we can replicate a virtual experience that allows for small group discussion and feedback gathering, similar to an in-person event.

A Pop-Up event will be hosted during the first phase of engagement. The purpose of a pop-up event is to meet with people where they are already going—by setting up a booth or table at an event like the Farmers Market or Chaska Fire + Ice Festival and gathering feedback through interactive activities or quick surveys.

Targeted stakeholder groups, such as disability advocates and youth athletic groups, have already been identified by the BFCC. HKGi will work with the BFCC to perform outreach to gather these targeted stakeholders for Focus Group Listening Sessions.

Finally, all of the feedback gathered through each means of engagement will be carefully documented and compiled into a graphic-focused summary document that can be shared widely.

Task 3 Subtasks:

3.1 Develop and launch community survey materials

3.2 Community Open House #1

3.3 Focus Group Listening Sessions (2)

3.4 Pop-Up Event (1)

3.5 Summary of Community Engagement Phase 1: What We Heard

3.6 Coordination with City Staff

3.7 BFCC Meeting #3: Review CE, Develop Vision / Goals, Continue BPP Best Practices Discussion

Task 3 Deliverables:

» Summary of Community Engagement, including
- What We Heard from each event
- Survey + Social Pinpoint feedback
- Summary of Issues + Opportunities identified by the community



HKGi has used creative methods for engaging community members and inspiring them to participate in the planning process.



EXPERIENCE HIGHLIGHT

WASHINGTON COUNTY BIKE AND PEDESTRIAN PLAN

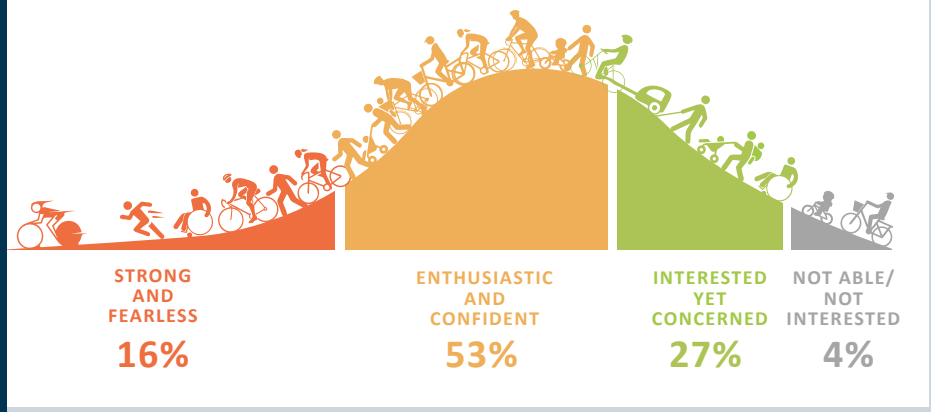
"I reviewed the Washington Bike Ped Plan and am impressed. The residential survey and engagement results strengthened this plan, despite COVID curtailing your efforts. The results around transportation barriers are impactful.

I appreciate the focus on equity, continued commitment around coordination and the specific list of prioritized projects."

Ellen Pillsbury,
Active Transportation Coordinator

Minnesota Department of Health





Residents were surveyed and interviewed through a variety of methods throughout the project process. Information gathered provided a snapshot of the types of bicyclists and pedestrians that are using the system today.

Task 4 - User Count Data

May-September 2021

The objective of Task 4 is to collect baseline data throughout the City of Chaska to understand where, how, and when people are using the existing bicycle and pedestrian system. This information will be used to inform future network planning, program planning, as well as set a baseline for measuring the future success of plan implementation.

While there are many ways to collect user data, no single method or approach will give a full snapshot of user behavior. Therefore, we are proposing a multi-faceted approach, which will be refined with further direction from the BFCC, to better understand specific goals for the data. In this task, we will work with the BFCC and the BikeMN (Bicycle Alliance) to perform manual (visual) counts at 2-3 identified locations within Chaska. MnDOT provides free use of automatic counter equipment for cities and non-profits. We will augment the manual count effort with an automatic count taken at 1-2 identified locations in the City. These manual and automatic counts will likely be performed twice (early spring and late summer/early fall) to understand potential seasonal changes in use.

Additionally, HKGi will work with the school district to coordinate a spring and fall hand tally count for students arriving and leaving school. These counts are necessary as an evaluation tool for any school or district seeking Safe Routes to School implementation or planning grants, and serve as very useful baseline data. Finally, we will collect publicly-available user data from sources such as Strava, Streetlight Data, the MetCouncil Travel Behavior Inventory, and Carver County traffic modeling to perform analysis on user behavior.

User count data will be gathered, documented, and analyzed in a summary document, along with an account of methodology used for data collection. The timing of this task will span over the spring, summer and fall months, therefore results may not align perfectly with draft plan development. However, results will be integrated into the final document and used as in-progress reference during development of recommendations.

Task 4 Subtasks:

4.1 Collect User Counts (Manually)

4.2 Collect User Counts (Automatically)

4.3 Spring + Fall SRTS school hand tally count (SRTS)

4.4 Gather publicly-available user data

4.5 Summary and Analysis of User Count Data

4.6 Coordination with City Staff/BFCC/Local Agencies

Task 4 Deliverables:

» Summary of User Count Data including
- Methodology of counting
- Evaluation of counting methods and recommendations for future evaluation

Task 5 - Develop Plan Recommendations

June – August 2021

With analysis of existing conditions and foundational community input gathered, the project team will work to develop the plan and recommendations. These recommendations will cover a draft network plan with a defined network hierarchy and identified route types, as well as future trailhead and pedestrian/bicycle amenity locations.

A plan for maintenance and management will include pavement preservation and an associated cost analysis of existing and proposed facilities.

Policy recommendations will be drafted that address street design standards, trail/facility best practices, Safe Routes to School policies, and/or Complete Streets policies.

Recommendations to address education, encouragement, and evaluation will include identification of programs and partnerships for implementing programs and events.

Implementation and funding recommendations will include a phasing plan and a framework for future prioritization or decision-making. Specific grants and funding opportunities will be identified that align with the project phasing and priorities.

Finally, a set of performance measures will be outlined, which will build off of the user count data collected in Task 4. These measures,will create a framework for future evaluation of plan implementation based on criteria established with City staff and the BFCC.

These recommendations will be created alongside City staff and with the BFCC during meetings #4 and 5. Recommendations and plans will be compiled into a draft document layout for wide review.

Task 5 Subtasks:

5.1 Develop Draft Network Plan

5.2 Develop Plan/Recommendations for Maintenance and Management of Facilities

5.3 Develop Policy Recommendations

5.4 Develop Education, Encouragement, Evaluation Recommendations

5.5 Develop Implementation and Funding Recommendations

5.6 Develop Performance Measures Recommendations

5.7 Meetings and coordination with City staff to review/revise draft materials

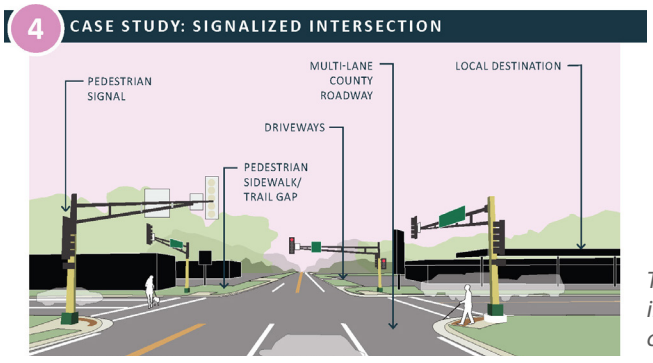
5.8 Draft plan layout

5.9 BFCC Meetings #4-5 Development and Review of Draft Materials

Task 5 Deliverables / Milestones

» Draft Recommendations for the Pedestrian and Bicycle Plan

» Approval from City staff and BFCC to move forward with Community Engagement Phase 2



Task 6 - Community Engagement Phase 2

August - September 2021

The draft plan and recommendations will be shared broadly through community engagement efforts in Task 6. At this time, the draft plan elements will be formatted for sharing through the project website and survey platforms, with the intent being the collection of community feedback on ideas contained in the draft plan.

A second community open house will be held (potentially a virtual event, depending on public health guidance at this time), as well as a fall pop-up event. This pop-up event could be coordinated with the Cycle Chaska Event, the Chaska Farmers Market, or with the Chaska Fire & Ice Festival, depending on timing of events. Feedback gathered from community engagement in this phase will be documented and organized into a summary document that will inform revisions to the plan and recommendations, with the assistance of City staff.

Task 6 Subtasks:

6.1 Formatting of draft plan recommendations for web-based community feedback

6.2 Community Open House #2

6.3 Fall Pop-Up Event (1)

6.4 Coordination with City Staff/BFCC to execute engagement activities

6.5 Summary of Community Engagement Phase 2: What We Heard

Task 6 Deliverables:

» Summary of Community Engagement, including
- What We Heard from each event
- Summary of Online feedback

The final plan will include a wide variety of information, from maps illustrating trail and sidewalk improvements and alignments to case studies that provide guidance for specific contexts.

Task 7 - Final Plan Document + Approvals

September - October 2021

Task 7 includes addressing final revisions to the plan document, per comments received from City staff, the BFCC, and community input gathered in Task 6, to create a final draft plan document. This final draft will be presented to the Parks and Recreation Commission, and any necessary revisions will be addressed before presenting to the City Council for final plan approval. Upon approval of the plan, all files and documents will be packaged and delivered at the direction of City staff, including GIS files and any branding or graphics that might be used for future implementation efforts.

Task 7 Subtasks:

7.1 Revisions to Draft Plan based on community feedback, staff comments

7.2 Presentation to Parks and Recreation Commission

7.3 Presentation to City Council for Plan Approval

7.4 Final formatting of materials (package of GIS files, website/social media outreach materials)

Task 7 Deliverables:

» Final presentations (pdf/ppt) of Plan Components

» Final Plan Document (pdf + printed/bound copies)

» Final GIS files and requested outreach materials for implementation of plan

Engagement/Outreach Contingencies

In order to adapt to changing conditions and have flexibility to accommodate new ideas that may come up during the course of the project, we have included a set of contingencies that could be used on an 'as-needed' basis. These are optional or additional items that are not included in the base scope of work, but could be added as deemed appropriate.

Contingencies include time and budget allocated for:

» Hosting an additional Listening Session

» Hosting additional Pop-up Events

» Coordination of a Spring Community Activity Event, such as:
  - Group hike and/or bike ride
  - Spring Bike tune-up/safety event (potentially in coordination with local police/fire department)
  - Open Streets / Block Party Event

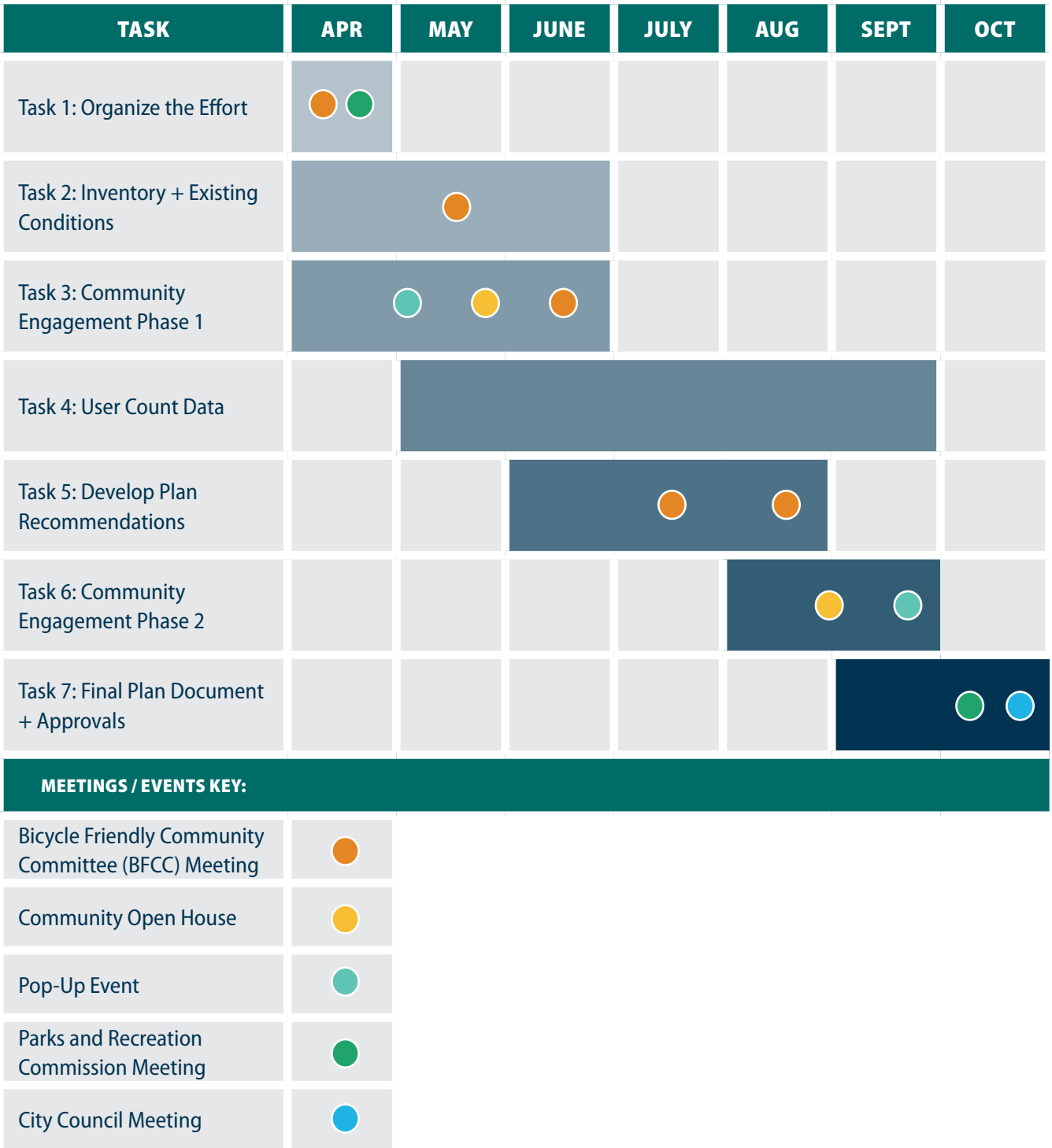
» Coordination of additional locations or dates for manual or automatic user counts

» Coordination of a Fall Community Activity Event, such as:
  - Group hike and/or bike ride
  - Winter Biking Workshop

» Hosting an additional BFCC Meeting

» Presentation for an additional Council or Commission Meeting

Schedule



The schedule above outlines the anticipated duration for each task listed in the detailed work plan, as well as an approximate timeframe for each meeting or event, with the assumption that the project will begin April 2021. Task 4 - Collect User Count Data is anticipated to extend through September 2021, to allow time for hand tally counts to be conducted in coordination with Chaska schools after the start of the fall semester. Pop-up events will be scheduled in coordination with planned community events.



PROJECT TEAM



HKGi

HKGi was established in 1982 to provide community-based planning and landscape architecture services to clients throughout the Upper Midwest. Our objective is to help our clients build great places for people to live, work, and play.

HKGi's project work has increasingly involved an emphasis on creating environments that encourage walking and bicycling as viable means of transportation. These projects have included bicycle and pedestrian, trail, greenway, and Complete Street plans, but have also included downtown and neighborhood revitalization; streetscape design; transit-oriented development; corridor studies; comprehensive plans, park and recreation plans, design guidelines, and zoning ordinances.

Because of our broad-based experience, we bring a deep understanding of how land uses, building design, streetscape design, transportation infrastructure, and municipal development policies impact the environment for pedestrians and bicyclists. We use a community-based planning approach that combines our technical skills and expertise with the local knowledge that only community members and leaders can provide. We use the community's strengths, values, and needs as the foundation for plans, designs, and strategies that prepare them for the future and put them in position to thrive as the community grows and evolves.

Our broad-based expertise means we can augment pedestrian and bicycle planning best practices with other planning and design practices to address the full range of issues that impact the viability and effectiveness of pedestrian and bicycle planning initiatives.

Regardless of whether we are developing a pedestrian-bicycle plan or a comprehensive plan, creating a redevelopment master plan, or designing a key community amenity, gathering and responding to community input remains essential to ensuring that our plans and designs are feasible, supported by the community, and will generate positive results for our clients and their constituents.

Qualifications

The following pages identify the experience and skills our assigned team of planners and urban designers will bring to this project. This section also include descriptions of some of HKGi's relevant project experience and contact information for clients who can speak to their experience working with this team.



Jody Rader

ASLA, PLA

Landscape Architect

612.252.7136

jody@hkgi.com

Jody will serve as Project Manager for this project. She brings experience developing ped-bike plans, but she also brings well-rounded experience conducting community planning projects addressing redevelopment, transit-oriented development, comprehensive planning, park and trail planning, and urban design. Her diverse experience enables her to apply a holistic approach that integrates pedestrian and bicycle plans into broader community planning directions and initiatives.

Jody is committed to conducting community planning and design that promotes healthy living, sustainable ecosystems, and quality of life for all. She is an outstanding communicator who excels at developing design solutions that incorporate stakeholder input and address key concerns and project objectives. In recent years she has provided grant writing services, helping clients secure funding for improvements that enhance multi-modal connectivity and provide a safer environment for pedestrians and bicyclists.

Relevant Project Experience

- Bike and Pedestrian Plan | Washington County, MN
- Bicycle and Pedestiran Plan | Woodbury, MN
- Bike + Ped Plan | Farmington, MN
- Downtown Study Phase 2 Walk/Bike Connectivity Engagement | Golden Valley, MN
- Glacial Edge Regional Trail Master Plan | Fergus Falls, MN
- Vermillion River Greenway Master Plan | Dakota County, MN
- Grant Writing | Anoka and Dakota Counties, MN
- Regional Solicitation Before and After Study | Metropolitan Council

Years of Experience: 11

Education

Master of Landscape Architecture, University of Minnesota

B.S. Architecture, University of Minnesota

Registration

Landscape Architect, Minnesota
License No. 57311

Awards

ASLA Student Honor Award

College of Design Student Excellence and Scholarship Award

HUD Innovation in Affordable Housing Finalist

Professional Activities

Member of ASLA and Association for Community Design

Bike Walk MN 2018 Conference, Presenter

ASLA-MN Executive Committee, Student Chapter Liaison, Step-Up Chair and WILA (Women in Landscape Architecture) Co-Chair

Guest reviewer for the College of Design at the University of Minnesota and Dunwoody Institute Architecture Department

STRENGTHS SUMMARY

Connectivity & Accessibility
Problem Solving
Engagement Communication



Paul Paige PLA

President

612.252.7125

paul@hkgi.com

Paul will provide guidance to this project as Principal in Charge. He brings an extensive understanding of Chaska's planning and development context to this project and will be able to provide advice related to context-sensitive urban design topics. He will also provide quality control oversight, ensuring that the HKGi team has the resources it needs to provide the City with an outstanding level of service.

Paul provides design and landscape architecture leadership for many of HKGi's urban design and park and trail planning and design projects. Paul has also played a valuable creative design role in preliminary planning. His creativity combined with his implementation experience, enables planning teams to more fully evaluate potential planning directions and strike the appropriate balance between innovation, feasibility, and functionality.

Relevant Project Experience

- Downtown Streetscape and Public Space Design | Chaska, MN
- City Square West Redevelopment Planning | Chaska, MN
- Veterans' Park | Chaska, MN
- West End District Redevelopment Planning | Red Wing, MN
- Main Street/Hwy. 61 Streetscape | Red Wing, MN
- Twin Lakes Parkway Design | Roseville, MN
- Broadway Avenue Streetscape | Alexandria, MN
- Greenway Planning and Design | Dakota County, MN
- Rice Marsh Lake Trail | Chanhassen, MN
- Community-wide Trail Master Plan | Northfield, MN
- Great River Regional Trail Master Plan | Wright County, MN

Years of Experience: 31

Education

Bachelor of Landscape Architecture - University of Minnesota

Registration

Landscape Architect, Minnesota, License No. 23594

Awards

2020 MRPA Excellence Award - River's Edge Commons Expansion - Elk River

2020 MRPA Excellence Award - Fernbrook Athletic Fields Complex - Maple Grove

2017 MN APA Success Stories in Implementation - Downtown Chaska Master Plan and Streetscape

2015 ACEC-MN Excellence in Engineering Honor Award - Buffalo Downtown Commons

2013 MN ASLA Merit Award and 2009 MRPA Award of Excellence - Rivers Edge Commons, Elk River, MN

2003 Mpls AIA Merit Award - Bloomington Civic Plaza

2002 MRPA Award of Excellence - Normandale Lake Bandshell

STRENGTHS SUMMARY

Creative & Technical Design
Implementation Experience
Problem Solving



Lance Bernard

Associate

612.252.7133

lance@hkgi.com

Years of Experience: 17

Education

B.S. Community Development/Urban Affairs, St. Cloud State University

Memberships/Affiliations

Legislative and Law Committee Co-Chair for the Minnesota Chapter of the American Planning Association

Engagements

Shared Parking: How Does it Work? – Railvolution Conference, Denver, Colorado (2017)

TOD and Districtwide Parking Forum –Metro Transit (2016)

Comprehensive Planning and Public Health Community Workshop – City of Eau Claire, Wisconsin (2013)

Integrating Public Health Into the Planning Process Trainings– Minnesota Department of Health (2009 – 2011)

Lance will serve as a Planning Advisor for this project, providing advice in the areas of implementation, funding, and multi-modal transportation planning best practices. He brings experience conducting planning initiatives related to both transportation and public health/ active living and has led several bicycle and pedestrian planning projects. He also has experience developing comprehensive plans, long-range transportation plans, parking studies, and downtown master plans, which enables him to bring broad-based planning knowledge to his work.

In recent years, Lance has been recognized as a leader in developing grants, asset management plans and financial plans. He has helped clients identify asset management needs while aligning those needs with innovative funding mechanisms. In the last several years, Lance has helped his clients secure over $250 million in grant dollars.

Relevant Project Experience

- Regional Solicitation Before and After Study Phase 1 (Pedestrian and Bicycle Funding) | Metropolitan Council
- Grant Writing for Regional Solicitation through Local Planning Agencies and Organizations
- Bike and Pedestrian Plan | Washington County, MN
- Bicycle and Pedestrian Plan| Woodbury, MN
- Grant Services | Sherburne County, MN
- Gold Line BRT Station Area Planning | Woodbury, MN
- Xenia-Park Place Bike-Walk Plan | St. Louis Park, MN
- *Asset Management (Trail Pavement) Study | Minneapolis, MN
- *Complete Streets Check-List | Wadena, MN

STRENGTHS SUMMARY

Engagement Facilitation
Data Collection and Analysis
Implementation Planning



Jeff Miller

AICP

Associate

612.252.7123

jmiller@hkgi.com

Years of Experience: 20

Education

Master of Planning, University of Minnesota

B.A., Economics, St. Olaf College, Northfield, MN

Registration

American Institute of Certified Planners, Certification #025995

Awards

2019 MN APA Excellence in Community Engagement Award - Red Wing 2040 Community Plan

2017 MN APA Success Stories in Implementation Award - Chaska Downtown Master Plan

2017 MN APA Context in Planning Award - Eliot School Site Reuse Study - St. Louis Park, MN

2014 MN APA Planning in Context Award - Chaska Downtown Signage Design Guidelines

2007 MN ASLA Merit Award for Private Landscape Design - Chevalle, A Country Estate - Chaska, MN

2002 MN APA Outstanding Plan Award - Northwest Corridor Planning and Design Framework

Jeff will serve as a Planning Advisor for this project, providing general planning advice related to design guidelines, regulatory tools, and overall planning direction in Chaska. He is a veteran planner with extensive experience conducting planning in Chaska, and he will help the HKGi planning team work efficiently while also providing valuable insight to help integrate previous planning direction and initiatives into the Ped-Bike Plan.

Jeff is valued by clients for his outstanding listening and communication skills, his thoughtful approach, and his emphasis on providing outstanding client service. He prioritizes community input as the foundation for good planning and strives to ensure that local needs, desires, and concern drive planning recommendations and initiatives. He leverages his problem solving and critical thinking skills to address stakeholder concerns and find appropriate planning and design solutions.

Relevant Project Experience

- Wayfinding Signage System Plan | Chaska, MN
- Downtown Study Phase 2 Walk/Bike Connectivity Engagement | Golden Valley, MN
- Glacial Edge Regional Trail Master Plan | Fergus Falls, MN
- Munger Spur Trail Master Plan | Hermantown, MN
- Comprehensive, Downtown, and Growth Area Planning | Chaska, MN
- Uniform Development Code Update | Winona, MN
- Comprehensive Plan | Farmington, MN
- Transit-Oriented Planning (land use and connectivity) | St. Louis Park, MN

STRENGTHS SUMMARY

Listening & Communication
Problem Solving
Idea Generation & Evaluation



Tim Solomonson

PLA

Landscape Architect

612.252.7137

tim@hkgi.com

Years of Experience: 8

Education

Master of Urban and Regional Planning, Master of Landscape Architecture, and Bachelor of Environmental Design, University of Minnesota

Registration

Landscape Architect, Minnesota, License No. 53837

Awards

2018 ASLA-MN Merit Award for Planning and Urban Design - St. Louis River Estuary National Water Trail Master Plan

2017 MN APA Success Stories in Implementation Award - Downtown Master Plan and Streetscape Reconstruction, Chaska, MN

2015 MN APA Planning in Context Award - Red River Corridor Master Plan, Moorhead, MN

Tim will provide GIS and Planning Analysis expertise to this project. In this role he will provide critical mapping and data collection services as well as conduct current conditions inventories and analysis support.

Tim has provided landscape architecture services on a broad range of urban planning and design projects and has several trail, ped-bike, and connectivity-related planning projects in his portfolio, including developing wayfinding signage systems and plans. He is also experienced at providing implementation support, including development of construction documentation and cost estimation. The data and information he collects and develops will form the foundation for many of the plan's recommendations.

Tim is a veteran who has contributed to numerous projects in Chaska, including the Southwest Growth Area Plan and Veterans' Park.

Relevant Project Experience

- Bicycle and Pedestrian Plan | Woodbury, MN
- Robert Piram Regional Trail | Saint Paul and West St. Paul, MN
- Veterans Park | Chaska, MN
- Southwest Growth Area Plan | Chaska, MN
- Gate, Wayfinding and Signage Plan | Duluth, MN
- Downtown Wayfinding and Signage | Hutchinson, MN
- People Movement Plan | Hastings, MN
- Trail and Sidewalk Study | Prior Lake, MN
- Gold Line BRT Station Area Planning | Woodbury, MN
- River to River Greenway | Dakota County, MN

STRENGTHS SUMMARY

Design and Construction Administration Experience
Problem Solving



Aimee Hackett

Urban Designer

612.252.7138

aimee@hkgi.com

Years of Experience: 2

Education

B.S., Landscape Architecture, Arizona State University

Awards

Williams Family Scholarship, received scholarship twice

Nominated for Herberger Institute for Design and the Arts Design Excellence Student Award

Selected for Student Presentation at 2016 ACEC Annual Roads and Streets Conference

Aimee will provide Engagement and Graphic Design services to this project. In this role she will ensure that visual communications materials for the engagement effort and the final report are attractive and communicate clearly to stakeholders, community members, and city leaders.

Amiee's graphic design creativity and technical skills have been a key ingredient in the success of many of HKGi's recent projects. She has designed community engagement materials, infographics, engagement summaries, online materials, and plan reports, and for each project creates a recognizable and unique brand that enhances the ability of community members to recognize and participate in engagement activities.

Her work creating appealing, reader-friendly documents also enrich community support and play a key role in securing funding and support for implementation and public improvement initiatives contained in the plan.

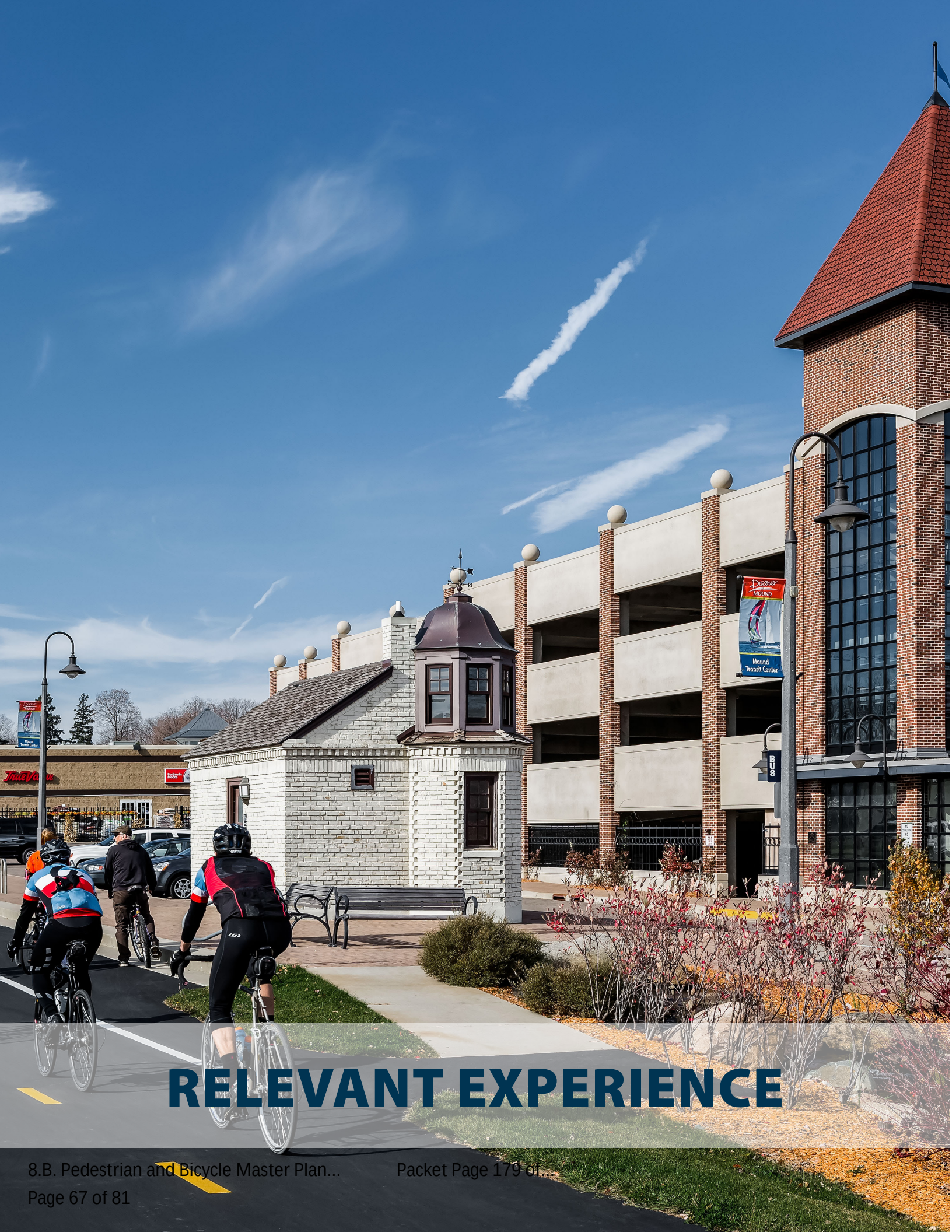
Relevant Project Experience

- Bike and Pedestrian Plan | Washington County, MN
- Bicycle and Pedestrian Plan| Woodbury, MN
- People Movement Plan | Hastings, MN
- Downtown Study Phase 2 Walk/Bike Connectivity Engagement | Golden Valley, MN
- Vermilion River Greenway Master Plan | Dakota County, MN
- Czech Heritage Trail Plan | Tri-City School District, MN
- Great River Regional Trail Master Plan | Wright County, MN
- Minnehaha Parkway Regional Trail Master Plan | Minneapolis, MN
- Park and Recreation System Plan | Otsego, MN

STRENGTHS SUMMARY

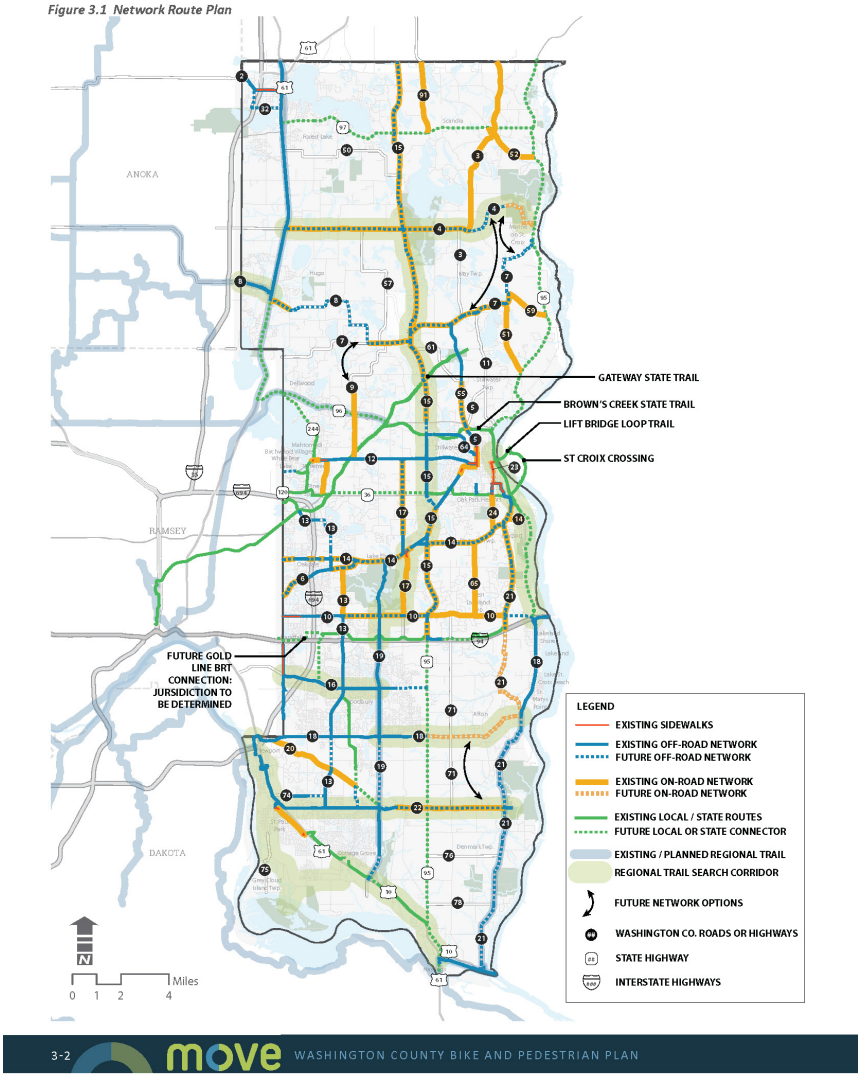
Graphic Design and Visual Communication

Report Design



RELEVANT EXPERIENCE

Figure 3.1 Network Route Plan







Engagement included pop-up surveys, online interactive input, and awareness campaigns to spark interest and solicit greater input for planning efforts.

County Bike and Pedestrian Plan

Washington County, Minnesota - HKGi is currently leading the development of a Bicycle and Pedestrian Plan that will guide future investment decisions and prioritize initiatives to improve and enhance the County's bicycle and pedestrian network.

In the initial phase of the project HKGi and its consultant partner CivicBrand collected input from stakeholders from across the County and conducted a detailed existing conditions analysis. Engagement activities included pop-up meetings at community events such as the Tour de Hugo and a local bluegrass festival. The existing conditions report included analyses of Level of Comfort, trip orientation-destination, demographic/population trends, crash data, and demand.

The next phases of the project, currently in progress, will establish a hierarchy of existing routes and trails and identify recommended new or improved routes. HKGi will also help the County prioritize recommended improvement projects by identifying low cost/high benefit improvements as well as crossings and focus areas that will have the greatest impact on safety and usage of the network.

HIGHLIGHTS

Social Pinpoint™ used for online engagement, enabling collection of detailed, location-specific input

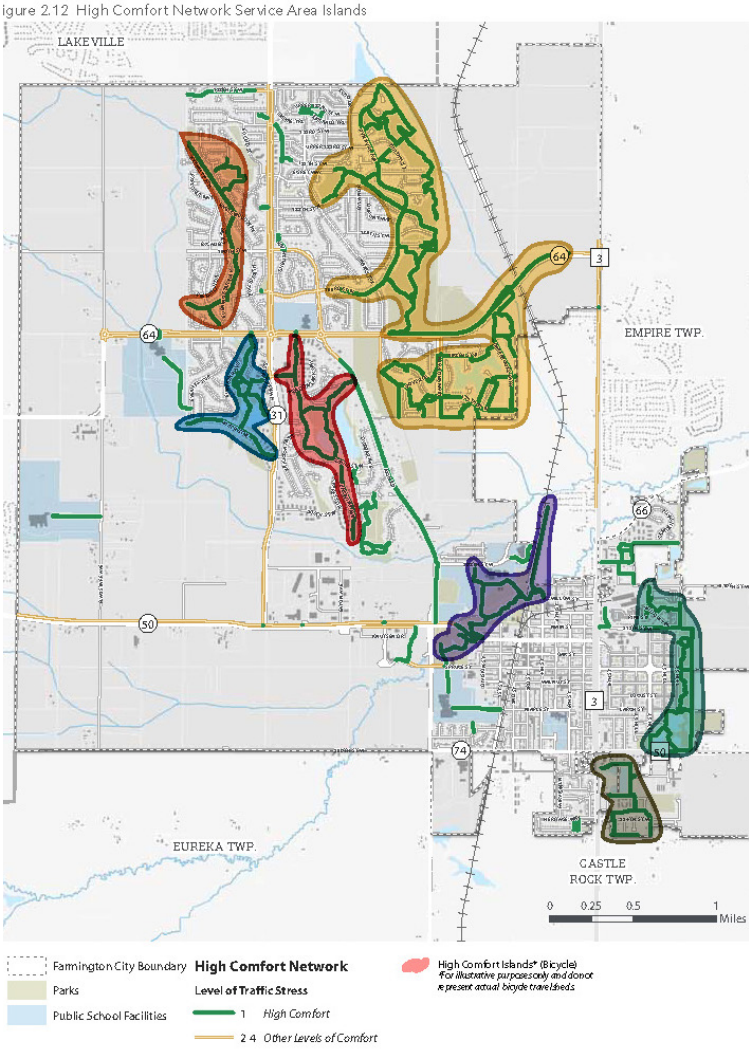
Enhanced branding to increase visibility of the project and solicit greater quantity of input

Focus on identifying low-cost/high-benefit improvement initiatives

REFERENCE

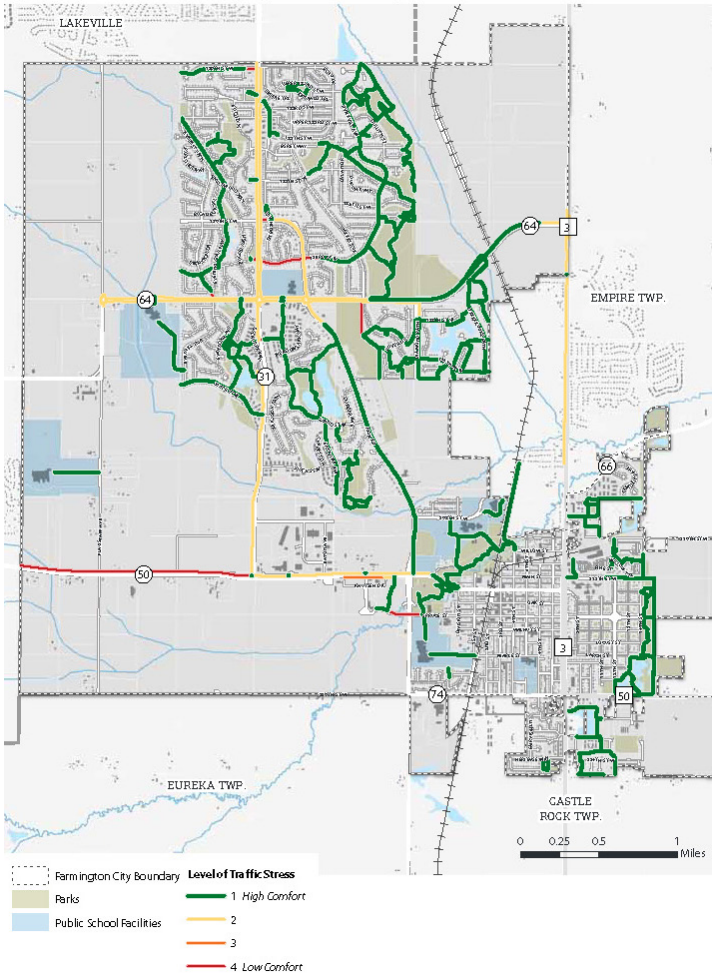
Emily Jorgensen, Project Manager
Washington County
651-430-4338
emily.jorgensen@co.washingon.mn.us

igure 2.12 High Comfort Network Service Area Islands



Farmington enjoys a reasonably extensive network of high comfort bikeways, but they are largely disconnected islands.

Figure 2.9 Level of Traffic Stress Analysis (All Levels of Comfort)



The Level of Stress analysis shows that many of the connecting routes are rated as low comfort/high street routes.

Bike + Ped Plan

Farmington, Minnesota - HKGi led the bicycle and pedestrian planning process for Farmington, a suburban community at the southeastern edge of the Twin Cities metro. Initial engagement, analysis, and inventory of existing conditions conducted by HKGi helped identify travel behavior and characteristics of commuters and potential users of a bicycle and pedestrian network within the community. This engagement also helped identify the varying levels of comfort Farmington residents have with bicycling and walking in the community, as well as which locations residents identify as dangerous, uncomfortable, or safe places to bike and walk.

Farmington's suburban development pattern has resulted in the creation of an adequate level of bicycle-pedestrian routes in several newer parts of the community, but those routes are disconnected from one another and are also disconnected from key destinations such as Farmington's downtown area. The plan created by HKGi focuses first on improving connectivity between already existing facilities. Increased functionality and use will then provide the City with greater opportunity to expand the bicycle and pedestrian network throughout the community.

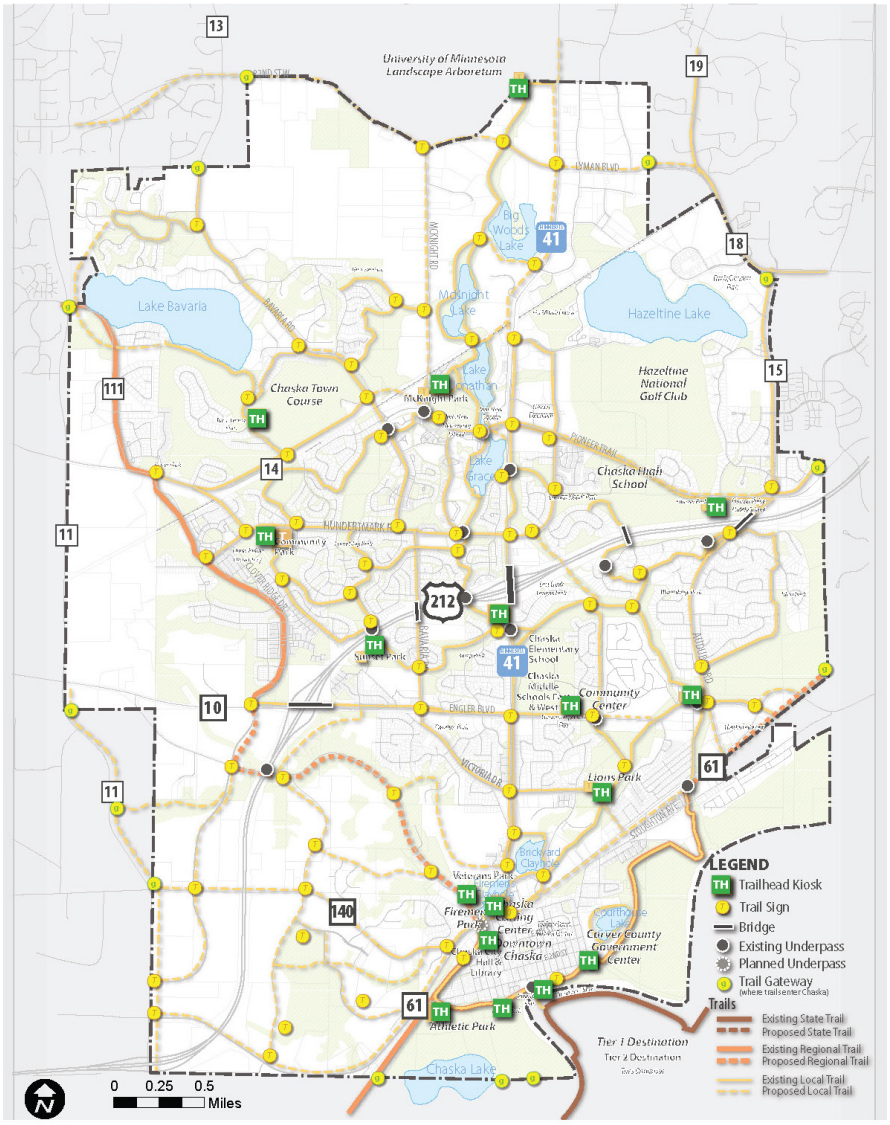
HIGHLIGHTS

Prioritizes connectivity between already existing but largely disconnected bicycle-pedestrian routes

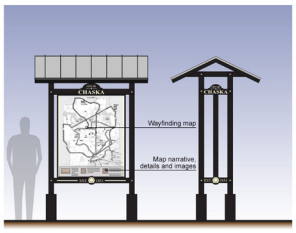
Assessment criteria included level of comfort and connectivity analyses

REFERENCE

Randy Distad, Parks and Recreation Director
City of Farmington
rdistad@ci.farmington.mn.us
651-280-6851



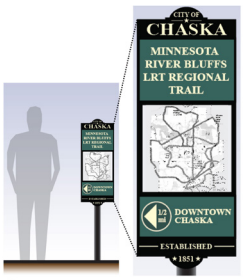
City Wide Trail Sign Types:



TH Trail Kiosk
SITE: TRAILHEADS
ROLE: WAYFINDING TRAIL SYSTEM
SCALE: BIKING / PEDESTRIAN



Trail Gateway Marker
SITE: WHERE TRAILS CROSS THE CHASKA BOUNDARY
ROLE: WELCOME / WAYFINDING TRAIL SYSTEM
SCALE: BIKING / PEDESTRIAN



Trail Map Sign
SITE: TRAIL INTERSECTIONS AND ALONG TRAILS
ROLE: WAYFINDING
SCALE: BIKING / PEDESTRIAN



Trail Directional Sign
SITE: TRAIL INTERSECTIONS AND ALONG TRAILS
ROLE: WAYFINDING
SCALE: BIKING / PEDESTRIAN

Downtown Sign Types:



D_{dt} Downtown Directional
SITE: ALONG MAJOR ROADWAYS AT KEY INTERSECTIONS
ROLE: WAYFINDING FOR DOWNTOWN DESTINATIONS AND HISTORIC

Wayfinding Signage System Plan

Chaska, Minnesota - HKGi conducted a citywide analysis to identify Chaska's wayfinding needs for signage targeted towards vehicular traffic, trail users, and signage needs specifically in the downtown area. After conducting an analysis of current conditions, HKGi identified key destinations, specific locations throughout the community for new signage, and also identified what type of signage (Gateway, Directional, primary, secondary, Trailhead, Trail) would be most appropriate for each location.

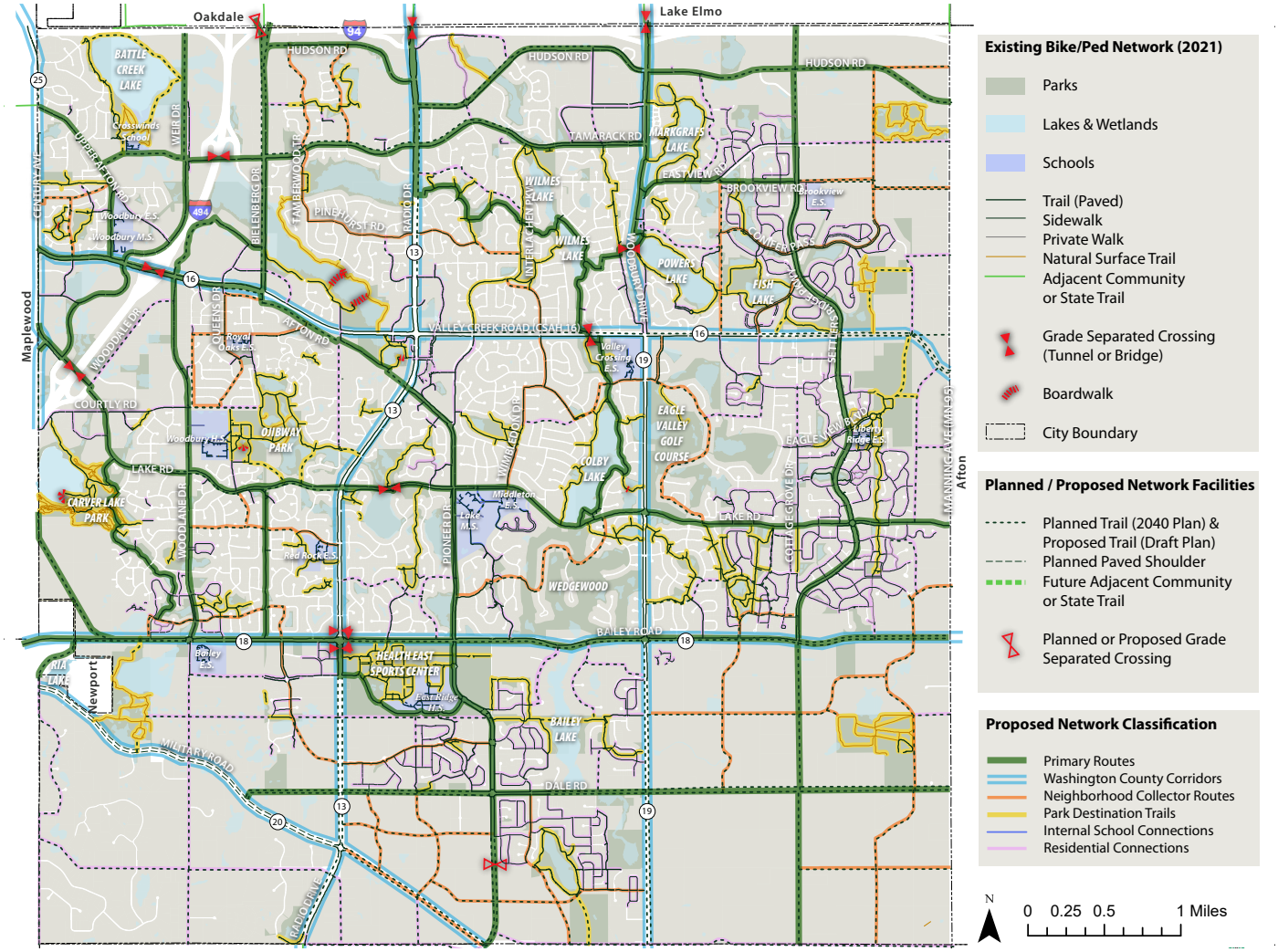
HKGi also designed signage concepts and sketches for each type of sign as well as potential thematic concepts to help organize the signage system. Information delivered to the City by HKGi also included unit cost estimates for each sign type, design guidelines, and phasing for implementation.

HIGHLIGHTS

Takes a citywide approach to developing a wayfinding signage system

Addressed wayfinding for vehicles as well as for bicycles and pedestrians

Design criteria specified for each sign type



For this Bicycle and Pedestrian Plan, HKGi has worked with City staff and stakeholders to create a network classification system that corresponds to recommended improvements and investments. Classifications include primary trails, county corridors, neighborhood collectors, park destinations, school connections and residential connections.

Bicycle and Pedestrian Plan

Woodbury, Minnesota - HKGi is currently leading the process to create a bicyclepedestrian plan for this growing east metro community. At the beginning of this project, HKGi's planners worked with the City to identify a set of objectives for this project that would suit Woodbury's current development context while also helping the City prepare for future expansion of the bicycle and pedestrian network not only in already developed areas but also in parts of the city yet to be developed. Engagement emphasized developing a better understanding of the public's needs and concerns when walking and biking in the community.

Some of the primary concerns for this plan will be to identify system preservation strategies for maintaining the existing system in a "state of good repair;" addressing key crossing safety issues throughout the community so the City can adequately prepare investment plans and compete for multi-modal transportation grant programs; improve or enhance neighborhood connectivity to destinations such as parks, schools, athletic facilities, and business centers; improve multi-modal access to the planned Gold Line BRT corridor; incorporate direction from other planning documents into this plan.

HIGHLIGHTS

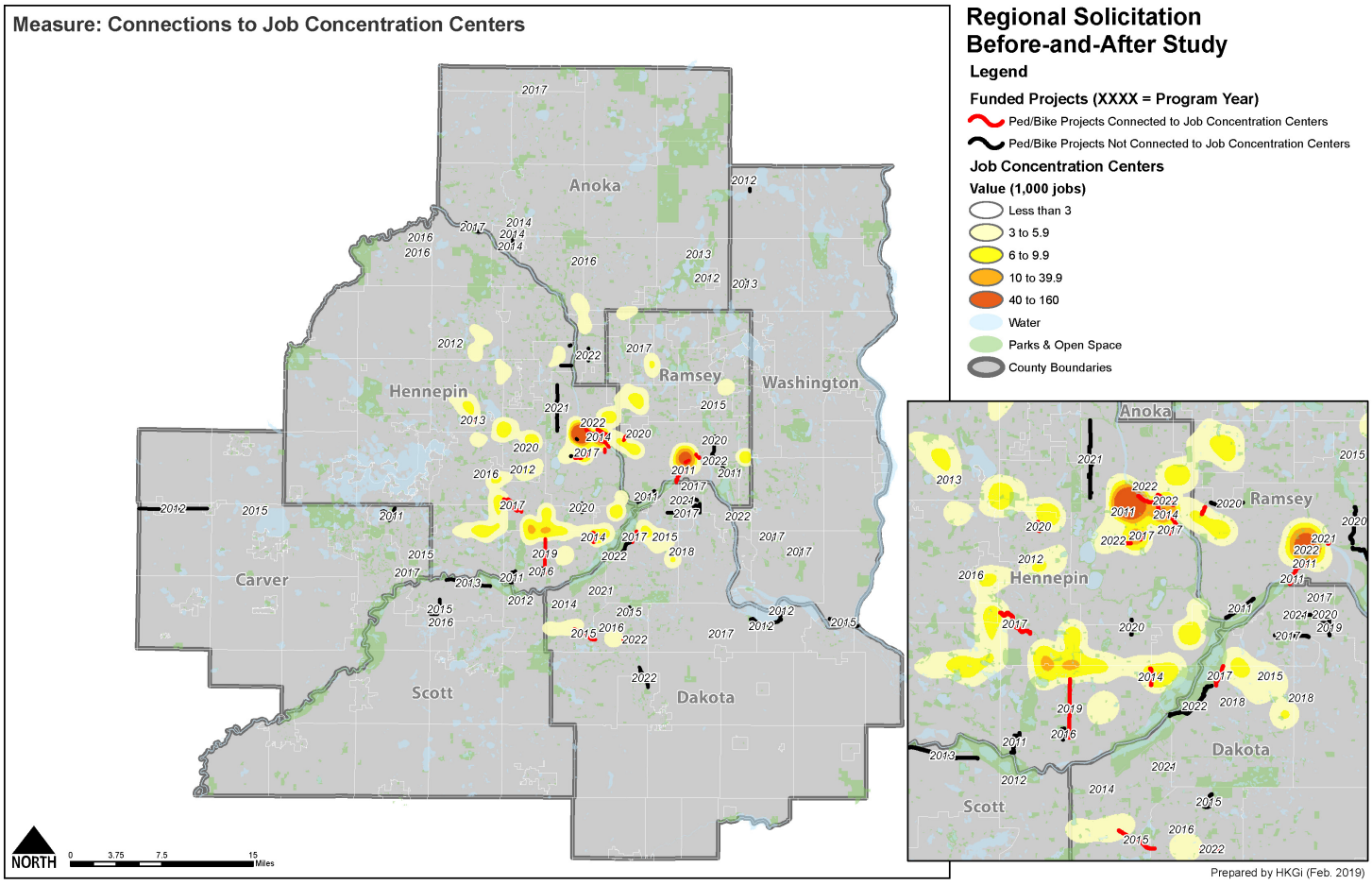
Identifying ways in which land use offers ways to encourage or facilitate multi-modal transportation

Engage community members to understand their needs, concerns and desires for bicycle and pedestrian improvements and their usage patterns

Identify methods for ensuring current system can be maintained

REFERENCE

Tony Kutzke, City Engineer
City of Woodbury
tony.kutzke@woodburymn.gov
651-714-3593



Regional Solicitation Before & After Study

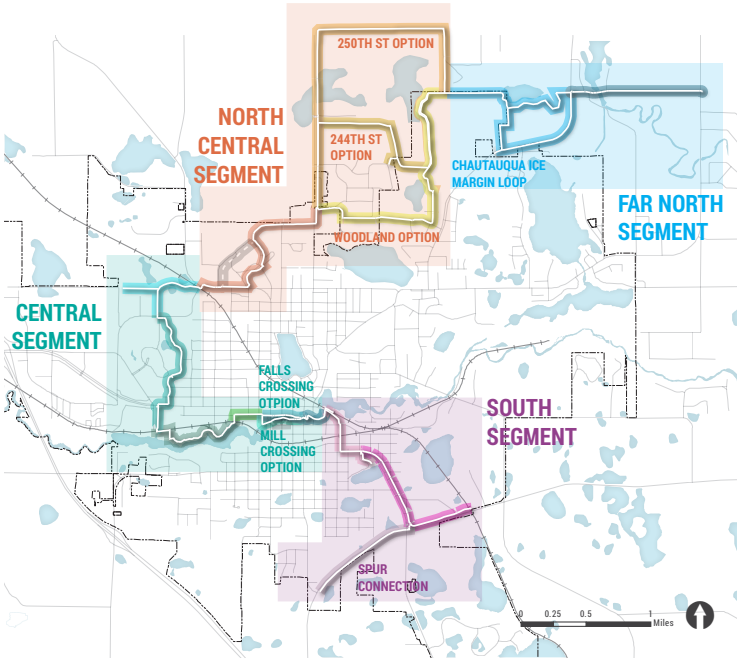
Metropolitan Council - The study documented the regional benefits achieved through the Regional Solicitation and Highway Safety Improvement Program (HSIP) solicitations dating back to 2007. This was achieved by using a performance-based approach that evaluated the "before-and-after" conditions associated with a built project .

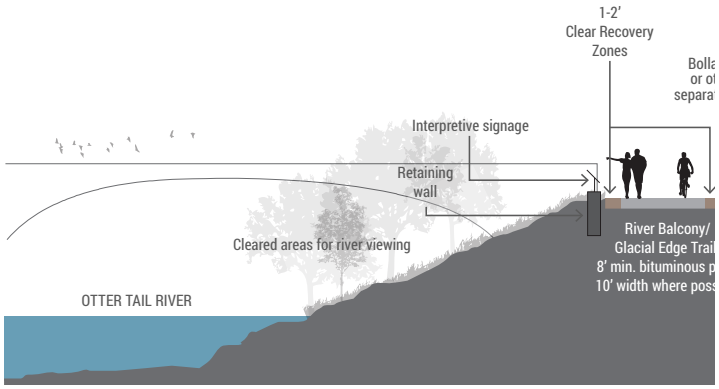
HKGi led the planning process and conducted the pedestrian/bicycle analysis to determine if pedestrian and bicycle safety benefits have been achieved by evaluating crash data. HKGi also tabulated the number of bikeway miles funded and programmed and their contribution to the Regional Bicycle Transportation Network (RBTN) and documented the number of desirable destinations (jobs, homes, shopping, etc.) connected/ linked by built or programmed pedestrian or bikeway projects.

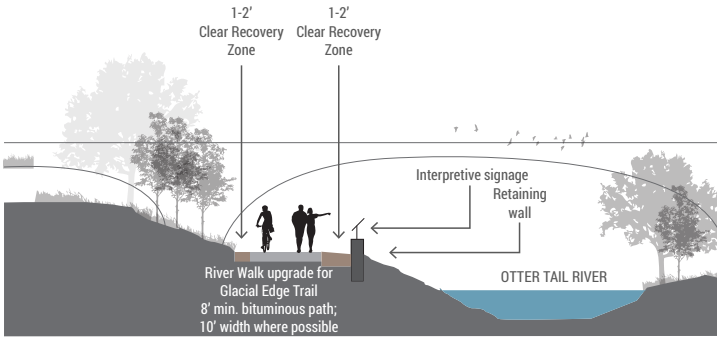
HKGi was selected for this project given its extensive experience with Regional Solicitation applications and securing bicycle and pedestrian funds for our clients. Since the last three solicitation cycles (2014, 2016, and 2018), HKGi has secured over $13 million in bicycle and pedestrian funds.

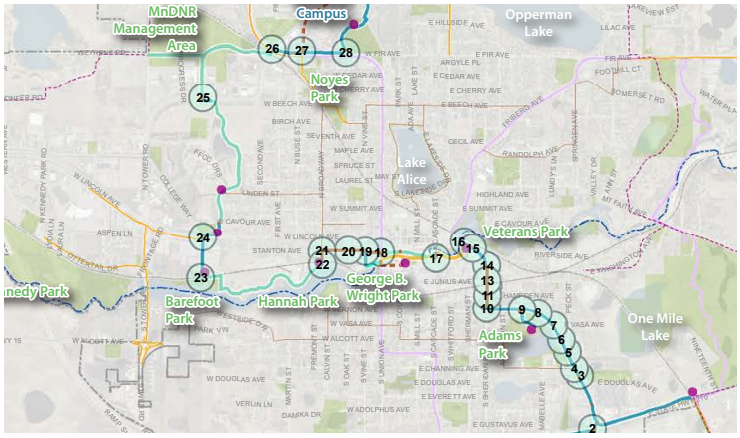
REFERENCE

Steve Peterson, Manager of Hwy. Planning
Metropolitan Council
651-602-1819
Steven.Peterson@metc.state.mn.us









Section drawings illustrate recommended improvements in relation to the landscape (above)

The Glacial Edge Trail Route Map illustrates preferred alignments for the four trail segments including potential spur and loop connections in the South and Far North segments (top left).

The trail master plan identifies safety-related intersection treatments along the trail. This map is keyed to a matrix that identifies recommended improvements (bottom left).

Glacial Edge Trail Master Plan

Fergus Falls, Minnesota - The Glacial Edge Trail Master Plan establishes the framework for completion of a 14-mile destination regional trail that will provide a vital link to several other area destinations such as the Central Lakes State Trail, the Otter Tail River, downtown Fergus Falls and its River Walk, the Prairie Wetlands Learning Centre, and the Chautauqua Ice Margin. The trail is also designed to facilitate future links to Maplewood State Park, the Heartland State Trail, and the North Country Trail which will one day provide a non-motorized trail running from North Dakota to Vermont.

HKGi's trail planners worked with the community to identify trail alignments for four distinct segments. In addition to recommended alignments, the master plan includes an implementation chapter that addresses project phasing recommendations; cost estimates for construction and land acquisition; and information and recommendations for ecological stewardship, management and operations, programming, funding, and outreach and marketing.

HKGi is currently working with Otter Tail County to amend the Master Plan to plan for an extension of the trail north to Maplewood State Park.

HIGHLIGHTS

Identifies alignment options through downtown and to destinations within the city limits

Otter Tail County extension will connect to Maplewood State Park

Master Plan was used to gain regional designation and will be used to apply for implementation grants

REFERENCE

Ryan Miller, Development and Planning Specialist
City of Fergus Falls
218-332-5420
ryan.miller@ci.fergus-falls.mn.us







HKGi works with communities to match projects with the appropriate grant opportunities and prepares grant applications. Successful grants have secured funding for community gardens, trails, Safe Routes to Schools, and downtown master planning.

Grant Writing Services

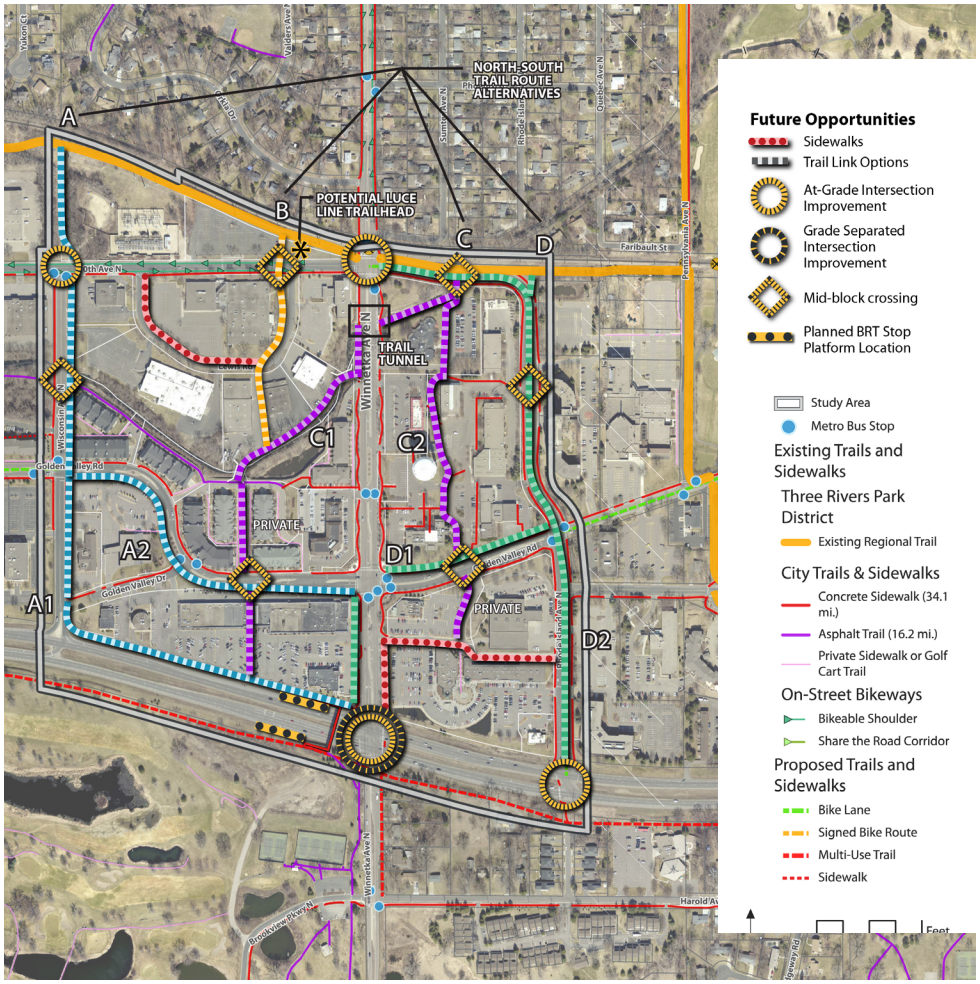
Since 2009 HKGi has assisted cities and counties in securing more than $23 million in funding from a multitude of funding sources. Projects funded have ranged from downtown master planning, to community/ school gardens, to identifying how to develop an arts campus in a community. The funding has supported active living initiatives, park and trail development, bridge construction, lighting, wayfinding and interpretation signage, and amenities such as benches and bike racks.

With dozens of governmental units involved, a key component of HKGI's success lies in evaluating potential projects and assisting communities in better positioning themselves to seek grant sources. This has occurred at many scales, including the preparation of project site plans, project master plans, and the preparation of system-wide park and trail plans and comprehensive plans.

REFERENCE

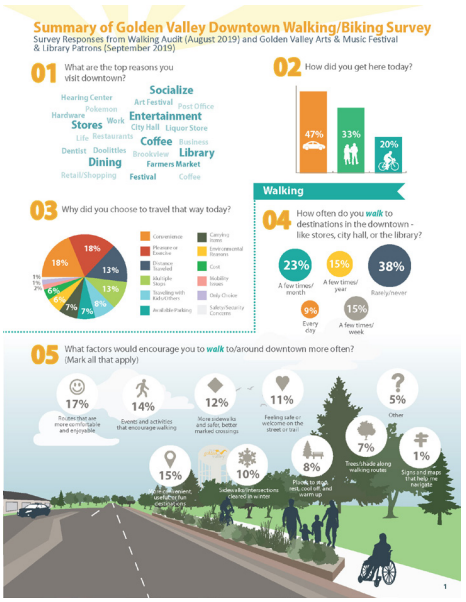
Lil Leatham, Planner
Dakota County
952-891-7159
lil.leatham@co.dakota.mn.us

Gretchen Etzler, SHIP Coordinator
Anoka County
763-422-7234
gretchen.etzler@co.anoka.mn.us



The final study report for Phase 2 identified a variety of opportunities for improving bike/walk connectivity for the downtown area.





Downtown Study Phase 2 - Walk/Bike Connectivity

Golden Valley, Minnesota - As part of the planning process for downtown Golden Valley, HKGi produced a Walk/Bike Connectivity engagement report to better understand what improvements could be made in the downtown area to improve safety for pedestrians and cyclists. The engagement effort was also intended to lay the foundation for new partnerships between businesses, residents, the City and community organizations to support and encourage biking and walking to and within downtown. Engagement included three booths, temporary wayfinding kiosks, and a bike corral at the Golden Valley Arts and Music Festival and Luce Line Regional Trail. A walk/bike audit was also conducted.

The report summarizes engagement findings and also includes detailed engagement responses that can help inform the City and other stakeholders as they identify investments, improvements, and additional development opportunities. Engagement findings indicated a wide variety of potential barriers to walking and cycling. These barriers range from safe crossings and traffic behaviors to land uses and building configurations. The report also includes seven recommended next steps.

HIGHLIGHTS

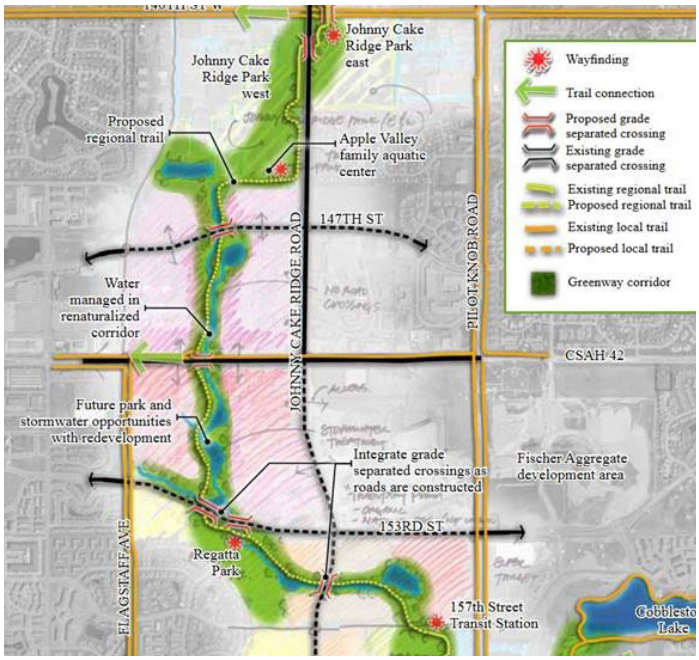
Water and natural resources planning is key project driver

The parkway is a significant amenity for neighborhoods across south Minneapolis

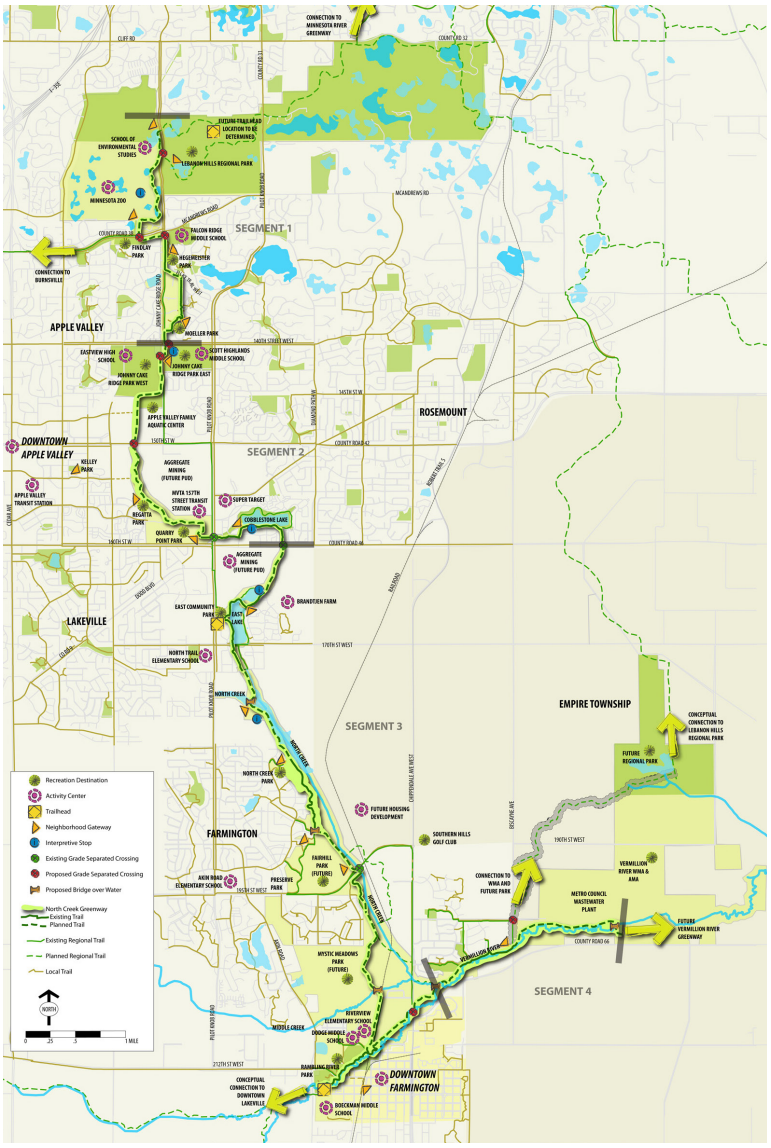
Creative ideas for new park amenities that are appropriate for the corridor and can work in concert with flood mitigation/storm water facilities

REFERENCE

Jason Zimmermann, Planning Manager
City of Golden Valley
763-593-8099
jzimmerman@goldenvalleymn.gov







Greenway Master Plans

Dakota County, Minnesota - Since 2009 HKGi has worked with Dakota County on ground-breaking master plans for its county-wide greenway system. These projects represent the first regionally-designated corridor master plans in the Twin Cities to intentionally combine the functions of water quality, habitat, linear recreation, non-motorized transportation, and interpretation planning.

The master plans are rooted in the directives outlined in the Dakota County Greenway Guidebook, developed by HKGi, and they exemplify HKGi's long-standing approach to infusing ecological functions into community planning and infrastructure investments. The master plans demonstrate HKGi's ability to engage a broad range of stakeholders, land-owners in particular, in creative problem solving that address concerns and build a viable path to implementation.

Key topics addressed by the master plans include alignment, interpretation and design; strategies to meet objectives for recreation, transportation, natural resource management and improved water quality; recommendations for natural and cultural resource stewardship; and implementation strategies, phasing, and budgeting.

HIGHLIGHTS

ASLA, Minnesota Chapter Merit Award, 2012 for North Creek Greenway and Minnesota River Greenway Master Plans

REFERENCE

John Mertens, Senior Planner
Dakota County
952-891-7036
john.mertens@co.dakota.mn.us



PROPOSED FEE

Fee and Hours by Task

TASK DESCRIPTION	HOURS: PRINCIPAL	HOURS: PROJECT MANAGER	HOURS: PLANNING GIS/ANALYSIS	HOURS: PLANNING ENGAGEMENT & GRAPHIC DESIGN	HOURS: PLANNING ADVISORY	COST
Task 1 Organize the Effort	1	17	4	8	0	**$3,100**
Task 2 Inventory and Existing Conditions	1	22	36	20	12	**$9,600**
Task 3 Community Engagement Phase 1	1	23	20	28	0	**$6,800**
Task 4 User Count Data	0	16	20	0	8	**$5,100**
Task 5 Develop Plan Recommendations	1	48	40	24	24	**$15,000**
Task 6 Community Engagement Phase 2	0	22	20	34	0	**$6,900**
Task 7 Final Plan Document and Approvals	1	20	24	20	0	**$6,300**
Subtotals	**5**	**168**	**164**	**134**	**44**	**$52,800**
Optional Engagement / Outreach Contingencies	0	31	32	16	0	**$7,900**
					Expenses	**$1,300**
					Total Fee and Expenses with All Optional Contingencies	**$62,000**



CREATING PLACES THAT ENRICH PEOPLE'S LIVES.

Fee and Hours by Task (Revised 3/3/21)

TASK	HOURS: PRINCIPAL	HOURS: PROJECT MANAGER	HOURS: PLANNING GIS/ANALYSIS	HOURS: PLANNING ENGAGEMENT & GRAPHIC DESIGN	HOURS: PLANNING ADVISORY	COST	ALT. SCENARIO A (45K)	ALT. SCENARIO B (40K)
Task 1 Organize the Effort	1	17	4	8	0	$3,100	$3,100	$3,100
Task 2 Inventory and Existing Conditions	1	22	36	20	12	$9,600	$9,600	$9,600
Task 3 Community Engagement Phase 1	1	23	20	28	0	$6,800	$6,400	$6,400
Task 4 User Count Data	0	16	20	0	8	$5,100	--	--
Task 5 Develop Plan Recommend.	1	48	40	24	24	$15,000	$14,400	$13,500
Task 6 Community Engagement Phase 2	0	22	20	34	0	$6,900	$5,900	$4,500
Task 7 Final Plan Document and Approvals	1	20	24	20	0	$6,300	$5,700	$2,900
Subtotals	**5**	**168**	**164**	**134**	**44**	$52,800	$45,000	$40,000
Optional Engagement / Outreach Contingencies	0	31	32	16	0	$7,900	--	--
Expenses (printing, plotting, mileage)						$1,300	$1,100	$1,100
Total Fee and Expenses						$62,000	$46,100	$41,100

Requested Alternative Fee Scenarios:

Scenario A: $45K Project Budget

In order to accommodate a project budget of $45,000, HKGi proposes the following revisions to the project scope:

» All Engagement/Outreach Contingencies are eliminated from HKGi project scope.

» Chaska staff and BFCC to coordinate completion of Task 4: Collect User Count Data, provide data to HKGi team to integrate into draft plan.

» HKGi creates materials for Chaska staff or BFCC members to use at pop-up events (HKGi will not attend). Chaska staff/BFCC who attend pop-up events will provide HKGi with documented feedback to integrate into draft plan.

» Chaska staff presents final plan to City Council for approval (not HKGi).

» One BFCC Meeting is removed (Task 5), for a total of (4) BFCC Meetings.

Scenario B: $40K Project Budget

In order to accommodate a project budget of $40,000, HKGi proposes the following revisions to the project scope, in addition to those proposed in Scenario A:

» Remove Summary of Phase 2 Engagement from Task 6; HKGi to compile community survey results into a simple document (word document) that will be integrated into final revisions of the draft plan (Task 7).

» Chaska staff to coordinate staff comments and suggested revisions efficiently to avoid multiple rounds of revisions during development of draft plan materials (Task 5) and revision of draft plan materials (Task 7), ensuring one round of revisions for HKGi during development of draft plan materials and one round of revisions for the Final Draft plan.

CLAIMS ROSTER REPORT

FOR COUNCIL MEETING: **March 15, 2021**

Paid and Unpaid Invoices:
Check #'s 337072-337302 **$1,255,716.49**

Paid Electronic Invoices:
Wire #'s 2677-2703 **$2,792,492.65**

Amount for Approval-Council Meeting:
March 15, 2021 **$4,048,209.14**

Checks

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					7,974.01				
100103 ANCOM TECHNICAL CENTER									
100177		02/15/2021	031621	337166	304.00	03/17/2021	INV	PD	BATTERIES FOR RADIOS
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289087FOW		02/24/2021	031621	337169	64.34 03/24/2021	INV	PD	#707 SHIELD
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289290FOW		02/25/2021	031621	337169	128.63 03/25/2021	INV	PD	Squad 1214 set up-floor m
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109198 ARCHER MECHANICAL								
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100144 ASPEN EQUIPMENT COMPANY									
10226145		02/09/2021	031621	337172	217.99	03/09/2021	INV	PD	#203 HEAD LIGHT ASSY
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100146 ASPEN MILLS INC									
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270209		03/04/2021	031621	337173	176.37	04/03/2021	INV	PD	DUTY UNIFORM-LOVEJOY
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100155 AUBURN MANOR									
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105236 B & B TRANSFORMER INC									
26608	210020	02/16/2021	030221	337081	7,913.00	03/16/2021	INV	PD	(18) RETANK OH TRANSFORME
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104425 BAKKELUND TREE AND LANDSCAPE SERVICE LLC									
3138		02/24/2021	031621	337174	3,000.00	03/26/2021	INV	PD	RYBERG CIR HAZARDOUS TREE
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100202 BLUETARP FINANCIAL INC									
47196205 CHECK DATE: 03/02/2021		02/11/2021	030221	337083	39.99	03/15/2021	INV	PD	REWARDS-FREE SHIPPING/DIS
100220 BOYER FORD TRUCKS INC									
39236D CHECK DATE: 03/02/2021		02/09/2021	030221	337084	175.10	03/09/2021	INV	PD	#116 DUMP TRUCK/PLOW REPA
39932D CHECK DATE: 03/16/2021		02/26/2021	031621	337176	136.84	03/26/2021	INV	PD	#114 BRAKE PARTS
662794 CHECK DATE: 03/16/2021		01/21/2021	031621	337176	474.60	03/09/2021	INV	PD	#114 STREET
663066 CHECK DATE: 03/16/2021		02/25/2021	031621	337176	8,005.16	03/25/2021	INV	PD	#116 TRUCK REPAIR
					8,791.70				
100226 BRAUN INTERTEC CORPORATION									
B244728 CHECK DATE: 03/16/2021		03/04/2021	031621	337177	1,750.00	04/04/2021	INV	PD	CONCRETE TESTING AT CITY
109721 BRIDELL, DESIREE									
2010718.002 CHECK DATE: 03/02/2021		02/12/2021	030221	337085	65.00	03/12/2021	INV	PD	RFD-BABYSITTING 101 WITHD PAYEE: BRIDELL, DESIREE
100254 BRYAN ROCK PRODUCTS INC									
46014 CHECK DATE: 03/16/2021		02/15/2021	031621	337178	414.19	03/15/2021	INV	PD	W/S STOCKPILE
107733 C-D PRODUCTS INC									
77230		02/18/2021	030221	337086	492.00	03/18/2021	INV	PD	Wall Mural by Customer Se

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
CHECK DATE: 03/02/2021									
100275 CALLAWAY GOLF									
932695143		03/03/2021	031621	337179	149.00	05/02/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
932711403		03/05/2021	031621	337179	149.00	05/04/2021	INV	PD	DEMO/RENTALS
CHECK DATE: 03/16/2021									
					298.00				
105630 CAP AGENCY									
91263007-10003462		02/18/2021	030221	337087	49.05	03/18/2021	INV	PD	REFUND OVERPAYMENT TO EHE
CHECK DATE: 03/02/2021						PAYEE: CAP AGENCY			
100293 CARGILL INC									
2906027367		02/18/2021	031621	337180	20,345.32	03/20/2021	INV	PD	DEICER
CHECK DATE: 03/16/2021									
100285 CARVER COUNTY									
86915		03/01/2021	031621	337181	150.00	04/01/2021	INV	PD	Forfeiture Payout - ICR#1
CHECK DATE: 03/16/2021									
100317 CARVER COUNTY ENVIRONMENTAL SERVICES DEPT									
MND982634883-2021		02/09/2021	030221	337088	250.00	03/12/2021	INV	PD	HAZARDOUS WASTE LICENSE-P
CHECK DATE: 03/02/2021									
MNR000116574-2021		02/09/2021	030221	337088	35.00	03/12/2021	INV	PD	HAZARDOUS WASTE LICENSE-T
CHECK DATE: 03/02/2021									
					285.00				
100314 CARVER COUNTY IS/GIS DEPT									
2763		03/02/2021	031621	337182	265.00	04/02/2021	INV	PD	MAR INTERNET SERVICE
CHECK DATE: 03/16/2021									
100323 CDW GOVERNMENT INC									
8002838		02/12/2021	031621	337183	364.35	03/14/2021	INV	PD	COMPUTER SUPPLIES FOR MSB
CHECK DATE: 03/16/2021									
8121333		02/16/2021	031621	337183	2,183.49	03/18/2021	INV	PD	3 COMPUTERS & COVERS-BLDG
CHECK DATE: 03/16/2021									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
8160247		02/17/2021	031621	337183	102.55	03/19/2021	INV	PD	PRINTER TONER
CHECK DATE: 03/16/2021									
8182357		02/17/2021	031621	337183	1,309.56	03/19/2021	INV	PD	NEW PC IN PD
CHECK DATE: 03/16/2021									
8196124		02/17/2021	031621	337183	1,389.69	03/19/2021	INV	PD	3 SIDECARS FOR PHONE SYST
CHECK DATE: 03/16/2021									
8221815		02/18/2021	031621	337183	2,272.17	03/20/2021	INV	PD	3 SURFACE GO-BLDG MAINT
CHECK DATE: 03/16/2021									
8498956		02/24/2021	031621	337183	-130.71	06/30/2021	CRM	PD	RETURN MONITOR-BLDG INSP
CHECK DATE: 03/16/2021									
8499161		02/24/2021	031621	337183	-261.42	06/30/2021	CRM	PD	RETURNED MONITORS-BLDG IN
CHECK DATE: 03/16/2021									
8544386		02/25/2021	031621	337183	452.00	03/27/2021	INV	PD	SPARE KEYBOARDS
CHECK DATE: 03/16/2021									
8565063		02/25/2021	031621	337183	-130.71	06/30/2021	CRM	PD	RETURN MONITOR-BLDG INSP
CHECK DATE: 03/16/2021									
8799886		03/03/2021	031621	337183	194.10	04/02/2021	INV	PD	3 SURFACE CASES-BLDG MAIN
CHECK DATE: 03/16/2021									
8828829		03/03/2021	031621	337183	-153.78	06/30/2021	CRM	PD	RETURN MONITOR-BLDG INSP
CHECK DATE: 03/16/2021									
8828853		03/03/2021	031621	337183	-130.71	06/30/2021	CRM	PD	RETURN MONITOR-BLDG INSP
CHECK DATE: 03/16/2021									
ZR00163952		01/27/2021	030221	337089	49.00	02/26/2021	INV	PD	WEBEX LICENSING
CHECK DATE: 03/02/2021									
					7,509.58				
100332 CENTERPOINT ENERGY RESOURCES CORP									
80000146268/JAN21		02/12/2021	031121	337297	6,352.60	03/11/2021	INV	PD	JAN GAS SVC
CHECK DATE: 03/11/2021									
80000167843/JAN21		02/12/2021	030421	337156	3,751.34	03/11/2021	INV	PD	JAN GAS SVC
CHECK DATE: 03/04/2021									
					10,103.94				
100333 CENTERPOINT ENERGY RESOURCES CORP									
80000167793/JAN21		02/12/2021	030421	337157	79.63	03/11/2021	INV	PD	JAN CITY PKS GAS SVC
CHECK DATE: 03/04/2021									
100337 QWEST CORPORATION									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
200943031		02/16/2021	030221-2	337151	12,246.11	03/18/2021	INV	PD	FEB INTERNET SERVICE
CHECK DATE: 03/02/2021									
313196254/FEB21		02/18/2021	022521	337143	607.07	03/16/2021	INV	PD	FEB CITY HALL LOC PHN SVC
CHECK DATE: 02/25/2021									
313249294/FEB21		02/11/2021	022321-2	337072	54.72	03/08/2021	INV	PD	FEB TC MAINT LOC PHN SVC
CHECK DATE: 02/23/2021									
313408124/FEB21		02/11/2021	022321-2	337072	130.54	03/08/2021	INV	PD	FEB TC MAINT LOC PHN SVC
CHECK DATE: 02/23/2021									
313692512/MAR21		03/01/2021	031121	337298	265.56	03/29/2021	INV	PD	MAR TC CLUBHS LOC PHN SVC
CHECK DATE: 03/11/2021									
313773369/MAR21		03/01/2021	031121	337298	92.62	03/29/2021	INV	PD	MAR CCC BURGLAR ALARM
CHECK DATE: 03/11/2021									
314238800/FEB21		02/18/2021	022521	337143	75.23	03/16/2021	INV	PD	FEB LOCAL PHN SVC
CHECK DATE: 02/25/2021									
					13,471.85				
100338 QWEST CORPORATION									
202001327/FEB21		02/21/2021	031121	337299	40.95	03/19/2021	INV	PD	FEB T1 FOR PHONE SYSTEM
CHECK DATE: 03/11/2021									
100374 CHANHASSEN, CITY OF									
87242		02/28/2021	031621	337184	21.24	03/21/2021	INV	PD	STORMWATER 12/1/20-2/2/21
CHECK DATE: 03/16/2021									
100377 CHASKA ROTARY CLUB									
87292		03/08/2021	031621	337185	500.00	04/08/2021	INV	PD	CHASKA CARES 2020 DONATIO
CHECK DATE: 03/16/2021									
103458 CITY OF CHASKA-PUBLIC WORKS									
133013001-2021-1		12/29/2020	030221	337090	45,954.32	03/12/2021	INV	PD	JAN REBATE-CITY ST LIGHT
CHECK DATE: 03/02/2021									
100418 CLEARSOFT INC									
137-312		03/01/2021	031621	337186	75.00	03/27/2021	INV	PD	MAR FD WATER SOFTENER REN
CHECK DATE: 03/16/2021									
109691 PRO-SHOPKEEPER COMPUTER SOFTWARE COMPANY									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
332102240012		02/24/2021	031621	337187	1,149.00	04/01/2021	INV	PD	GIFT CARDS-TC
CHECK DATE: 03/16/2021									
100428 COBRA GOLF INC									
DC146809		10/01/2020	031621	337188	-300.00	12/31/2020	CRM	PD	RESALE CREDIT
CHECK DATE: 03/16/2021									
G2384990		03/01/2021	031621	337188	213.76	08/28/2021	INV	PD	DEMO/RENTALS
CHECK DATE: 03/16/2021									
G2392883		03/04/2021	031621	337188	189.35	08/31/2021	INV	PD	DEMO/RENTALS
CHECK DATE: 03/16/2021									
G2393151		03/04/2021	031621	337188	541.20	08/31/2021	INV	PD	DEMO/RENTALS
CHECK DATE: 03/16/2021									
					644.31				
100768 CODE 4 SERVICES INC									
6083		02/10/2021	030221	337091	683.25	03/12/2021	INV	PD	Take apart squad 1162 to
CHECK DATE: 03/02/2021									
6132		02/22/2021	031621	337189	648.55	03/24/2021	INV	PD	Squad 1212 set up
CHECK DATE: 03/16/2021									
					1,331.80				
100436 COMCAST CORPORATION									
0036243/FEB21-TC		02/07/2021	022321-2	337073	74.49	03/04/2021	INV	PD	CLUBHOUSE CABLE-OAK 19
CHECK DATE: 02/23/2021									
0055482/FEB21-FD		02/12/2021	022321-2	337073	6.75	03/09/2021	INV	PD	FEB CABLE-FD
CHECK DATE: 02/23/2021									
					81.24				
104611 COMMERCIAL FURNITURE SERVICES INC									
88865-0		02/18/2021	031621	337190	2,096.73	03/18/2021	INV	PD	UB OVERHEAD CABINETS
CHECK DATE: 03/16/2021									
88955-0		02/18/2021	031621	337190	57.64	03/18/2021	INV	PD	COAT HOOKS FOR NEW CUBES
CHECK DATE: 03/16/2021									
88958-0		02/18/2021	031621	337190	573.25	03/18/2021	INV	PD	LABOR FOR PD COVID CHANGE
CHECK DATE: 03/16/2021									
89089-0		02/18/2021	031621	337190	591.10	03/18/2021	INV	PD	SEPARATION GLASS FOR KEVI
CHECK DATE: 03/16/2021									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
					3,318.72				
105466 COMPUTER INTEGRATION TECHNOLOGIES INC									
304832		02/15/2021	030221	337092	3,400.00	03/15/2021	INV	PD	OFFICE 365 LICENSE-FEB
CHECK DATE: 03/02/2021									
305480		02/18/2021	031621	337191	3,672.40	03/20/2021	INV	PD	OFFICE 365 MIGRATION
CHECK DATE: 03/16/2021									
					7,072.40				
107399 OCCUPATIONAL HEALTH CENTERS OF MN PC									
103327629		03/03/2021	031621	337192	58.00	04/03/2021	INV	PD	Medical New Hire Kelsey M
CHECK DATE: 03/16/2021									
100429 COORDINATED BUSINESS SYSTEMS LTD									
INV135484		02/15/2021	030221	337093	38.54	02/25/2021	INV	PD	HP M425DN
CHECK DATE: 03/02/2021									
INV138745		03/02/2021	031621	337193	25.93	04/02/2021	INV	PD	TC COPIER CONTRACT
CHECK DATE: 03/16/2021									
INV139261		03/08/2021	031621	337194	630.28	03/23/2021	INV	PD	Contract Invoice
CHECK DATE: 03/16/2021									
					694.75				
107485 CROWN COLLEGE									
22		03/02/2021	031621	337195	250.00	03/25/2021	INV	PD	EMT/EMR REFRESHER TRAININ
CHECK DATE: 03/16/2021									
100475 CRYSTEEL TRUCK EQUIPMENT INC									
LP201846		02/08/2021	030221	337094	52.00	03/08/2021	INV	PD	SNOW TRAIL VPLOW - SEAL K
CHECK DATE: 03/02/2021									
LP202656		02/19/2021	031621	337196	695.00	03/19/2021	INV	PD	#102 UNDER BODY TOOL BOX
CHECK DATE: 03/16/2021									
					747.00				
100479 CULLIGAN-METRO BROOKLYN PARK									
114-01594506-5 JAN21		01/31/2021	022321-2	337074	14.27	02/18/2021	INV	PD	COOLER RENT-TC MAINT
CHECK DATE: 02/23/2021									
104739 DAIKIN APPLIED AMERICAS INC									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
3295503		02/09/2021	031621	337197	1,069.68	03/09/2021	INV	PD	RTU Air Sensor Svc-CCC
CHECK DATE: 03/16/2021									
106328 DANCO COMMERCIAL PAINTING INC									
2196		03/04/2021	031621	337198	3,400.00	04/04/2021	INV	PD	FD OFFICE PAINTING
CHECK DATE: 03/16/2021									
105629 DICKS SANITATION SERVICE INC									
DT0003855892		02/28/2021	031621	337199	399.51	03/28/2021	INV	PD	Mar CCC Garbage Service
CHECK DATE: 03/16/2021									
104633 EASTERN CARVER COUNTY SCHOOLS (REBATES)									
266600001-2021		02/19/2021	030221	337095	1,256.40	03/12/2021	INV	PD	JAN REBATE-BUSINESS LIGHT
CHECK DATE: 03/02/2021									
102657 ENERGY MANAGEMENT SOLUTIONS INC									
10155		03/01/2021	031621	337200	7,148.29	04/05/2021	INV	PD	MARCH 2021 RETAINER FEE
CHECK DATE: 03/16/2021									
109702 ERMAK METALS INC									
183756000-2021		01/26/2021	030221	337096	8,587.50	03/12/2021	INV	PD	JAN REBATE-BUSINESS LIGHT
CHECK DATE: 03/02/2021									
105728 FIDELITY SECURITY LIFE INSURANCE COMPANY									
164703476		02/22/2021	030421	337158	684.98	03/22/2021	INV	PD	MAR EMP INS PREM-VISION
CHECK DATE: 03/04/2021									
100643 FASTENAL COMPANY									
MNT1099636		02/24/2021	031621	337201	10.91	03/26/2021	INV	PD	BOLTS/HARDWARE FOR PICNIC
CHECK DATE: 03/16/2021									
100649 FEDERAL EXPRESS CORPORATION									
7-287-41527		02/24/2021	031121	337300	262.32	03/11/2021	INV	PD	ELECTRIC SHIPPING
CHECK DATE: 03/11/2021									
100653 FERGUSON ENTERPRISES INC									
8203817		02/04/2021	031621	337202	139.43	03/04/2021	INV	PD	RTU REGULATOR ST. FRANCIS

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
CHECK DATE: 03/16/2021									
8212479		02/10/2021	031621	337203	145.63	03/10/2021	INV	PD	CAP OFF POOL EQUIP PARTS
CHECK DATE: 03/16/2021									
8213037		02/09/2021	030221	337097	339.23	03/09/2021	INV	PD	FAUCET REPLACEMENTS
CHECK DATE: 03/02/2021									
					624.29				
100655 FERRELLGAS 7780961									
1114672382		02/10/2021	031621	337204	57.70	03/10/2021	INV	PD	PROPANE
CHECK DATE: 03/16/2021									
1114896254		02/24/2021	031621	337204	160.51	03/24/2021	INV	PD	PROPANE FORKLIFT
CHECK DATE: 03/16/2021									
					218.21				
100673 FLEETPRIDE INC									
67672993		02/01/2021	030221	337098	22.59	03/01/2021	INV	PD	SNOW BLOWER PART
CHECK DATE: 03/02/2021									
100680 FORCE AMERICA INC									
001-1513668		02/08/2021	030221	337099	41.96	03/08/2021	INV	PD	#116 FILTER INDICATOR GAU
CHECK DATE: 03/02/2021									
106634 GALLUS GOLF LLC									
7235		02/26/2021	031621	337205	2,500.00	03/28/2021	INV	PD	GALLUS MARKETING APP
CHECK DATE: 03/16/2021									
100707 GEAR FOR SPORTS									
41805723		02/24/2021	031621	337206	2,172.53	05/10/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
41806494		02/26/2021	031621	337206	793.51	04/26/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
41806747		03/01/2021	031621	337206	875.07	05/01/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
41806768		03/01/2021	031621	337206	2,991.16	05/01/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
41806818		03/01/2021	031621	337206	1,579.19	05/01/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
41807137		03/02/2021	031621	337206	419.12	05/15/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
					8,830.58				
100729 GILBERT MECHANICAL CONTRACTORS INC									
202166		03/03/2021	031621	337207	714.00	04/03/2021	INV	PD	QRTLY HVAC SVC
CHECK DATE: 03/16/2021									
106901 INFLECTION.COM INC									
CIT02939032		02/28/2021	031621	337208	82.00	03/30/2021	INV	PD	FEB BACKGROUND CHECKS-ADM
CHECK DATE: 03/16/2021									
101463 GOPHER STATE ONE CALL									
1020282		02/28/2021	031621	337209	114.75	03/28/2021	INV	PD	FEBRUARY LOCATES
CHECK DATE: 03/16/2021									
100759 GRAINGER									
9813066538		02/22/2021	031621	337210	1,167.24	03/24/2021	INV	PD	DOWNBLAST VENTS-FD
CHECK DATE: 03/16/2021									
100758 GRAYBAR ELECTRIC COMPANY INC									
9320121384	210021	02/17/2021	031621	337211	3,235.10	03/17/2021	INV	PD	(70) FUSE INLINE HOLDER 6
CHECK DATE: 03/16/2021									
100770 GREEN LIGHTS RECYCLING INC									
21-1657		02/09/2021	030221	337100	1,908.52	03/09/2021	INV	PD	STREET LIGHT CONSERVATION
CHECK DATE: 03/02/2021									
100765 GREENE ESPEL PLLP									
83117		01/25/2021	030221-2	337152	712.79	02/26/2021	INV	PD	Oak Ridge Redevelopment L
CHECK DATE: 03/02/2021									
100785 HACH COMPANY									
12316086		02/08/2021	030221	337101	1,195.30	03/08/2021	INV	PD	WTP CHEMICALS
CHECK DATE: 03/02/2021									
12328658		02/17/2021	031621	337212	132.30	03/17/2021	INV	PD	FLUORIDE (WTP)
CHECK DATE: 03/16/2021									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
					1,327.60				
100810 HAWKINS INC									
4882851		02/19/2021	031621	337213	10.00	04/05/2021	INV	PD	DEMURRAGE
CHECK DATE: 03/16/2021									
4883512		02/19/2021	031621	337213	3,851.37	04/05/2021	INV	PD	WTP CHEMICALS
CHECK DATE: 03/16/2021									
					3,861.37				
100821 HEALTHPARTNERS INC									
102498767		01/13/2021	022521	337144	6,534.04	02/17/2021	INV	PD	FEB EMP INS PREM-DENTAL+
CHECK DATE: 02/25/2021									
102949129		02/09/2021	022521	337144	6,026.45	03/16/2021	INV	PD	MAR EMP INS PREM-DENTAL
CHECK DATE: 02/25/2021									
					12,560.49				
100834 HENNEPIN COUNTY FIRE CHIEFS ASSOC									
21-035		02/22/2021	031621	337214	2,125.00	03/18/2021	INV	PD	BLUE CARD TRAINING/TEST
CHECK DATE: 03/16/2021									
100848 HIGH TECH CLEANING INC									
16472		02/18/2021	031621	337215	5,419.70	03/18/2021	INV	PD	Jan CCC Cleaning-Bathroom
CHECK DATE: 03/16/2021									
16479		02/23/2021	031621	337215	342.76	03/23/2021	INV	PD	CLEANING SUPPLIES-MSB
CHECK DATE: 03/16/2021									
16483		02/23/2021	031621	337215	228.79	03/23/2021	INV	PD	CLEANING SUPPLIES-FD
CHECK DATE: 03/16/2021									
16484		02/23/2021	031621	337215	513.52	03/23/2021	INV	PD	CLEANING SUPPLIES-CH
CHECK DATE: 03/16/2021									
					6,504.77				
100878 HUEBSCH									
84176/FEB2021		02/28/2021	031621	337216	1,012.43	03/10/2021	INV	PD	FEB RUG/MAT SVC
CHECK DATE: 03/16/2021									
100879 PRAIRIE TECHNOLOGIES INC OF MN									
210094		02/28/2021	031621	337217	7,414.44	03/28/2021	INV	PD	RECONFIG & MERGE CITY BUI
CHECK DATE: 03/16/2021									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
108162 HYDRO-DESIGNS INC									
0060938-IN CHECK DATE: 03/16/2021		02/28/2021	031621	337218	648.58	03/28/2021	INV	PD	DEVISE TESTING MGT FEB 20
100889 INTERNATIONAL CITY MGMT ASSN RETIREMENT CORP									
2021/0226-ICMA CHECK DATE: 02/26/2021		02/26/2021	022621	337146	5,064.42	02/26/2021	INV	PD	022621 Payroll 457 & Roth
104751 IMPACT MAILING OF MINNESOTA INC									
151668 CHECK DATE: 03/02/2021		02/18/2021	030221	337102	239.23	03/31/2021	INV	PD	February Finals
151755 CHECK DATE: 03/16/2021		02/24/2021	031621	337219	8,284.76	03/24/2021	INV	PD	Feb Bills
151756 CHECK DATE: 03/16/2021		02/24/2021	031621	337219	1,139.54	03/24/2021	INV	PD	Feb Reminder Notices
					9,663.53				
100920 INTIME SERVICES INC									
10769 CHECK DATE: 03/16/2021		03/03/2021	031621	337220	1,100.00	03/23/2021	INV	PD	InTime Training module-PD
100943 JEFFERSON FIRE & SAFETY INC									
IN126290 CHECK DATE: 03/02/2021		02/09/2021	030221	337103	450.00	03/08/2021	INV	PD	ICE RESCUE EQUIPMENT/SUIT
IN126612 CHECK DATE: 03/16/2021		02/16/2021	031621	337221	956.74	03/18/2021	INV	PD	FF TOOLS
IN126728 CHECK DATE: 03/16/2021		02/18/2021	031621	337221	660.80	03/20/2021	INV	PD	LIGHTS FOR TRUCK/FF
IN126737 CHECK DATE: 03/16/2021		02/16/2021	031621	337221	2,190.00	03/18/2021	INV	PD	FF GEAR-BOOTS
IN127226 CHECK DATE: 03/16/2021		03/05/2021	031621	337221	89.96	04/04/2021	INV	PD	CAP FOR TRUCK
					4,347.50				
108948 AUDRANN INC									
1296290 CHECK DATE: 03/16/2021		01/27/2021	031621	337222	191.89	03/02/2021	INV	PD	DAMPER FOR HISTORY CTR FU

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
1298941		02/10/2021	030221	337104	202.96	03/10/2021	INV	PD	MENS BATHROOM EXHAUST FAN
CHECK DATE: 03/02/2021									
1299113		02/16/2021	031621	337222	636.50	03/17/2021	INV	PD	PORTS FOR ARENA DUCT HEAT
CHECK DATE: 03/16/2021									
1300444		02/16/2021	030221	337104	15.96	03/16/2021	INV	PD	FLAME SENSOR-RINK #2 ROOF
CHECK DATE: 03/02/2021									
1300638		02/16/2021	031621	337222	249.91	04/02/2021	INV	PD	MAINTENANCE PARTS
CHECK DATE: 03/16/2021									
1300817		02/17/2021	030221	337104	10.42	03/17/2021	INV	PD	PART FOR FILTER ROOM UNIT
CHECK DATE: 03/02/2021									
1301577		02/22/2021	031621	337222	-242.56	03/22/2021	CRM	PD	RETURNED MAINTENANCE PART
CHECK DATE: 03/16/2021									
					1,065.08				
109727 JOSEPH ELLIOTT USA LLC									
8255		03/01/2021	031621	337223	377.44	03/31/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
8307		03/01/2021	031621	337223	373.98	03/31/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
					751.42				
109728 KAYL, LEILA									
2010762.002		03/04/2021	031621	337224	38.00	04/04/2021	INV	PD	RFD- SKATE LESSON
CHECK DATE: 03/16/2021						PAYEE: KAYL, LEILA			
100991 KEY ENTERPRISES LLC									
2021-111480		02/17/2021	031621	337225	1,895.00	03/17/2021	INV	PD	ADVERTISING-TC
CHECK DATE: 03/16/2021									
107614 KIESLER POLICE SUPPLY INC									
SI101502		02/23/2021	030221	337105	2,932.04	03/24/2021	INV	PD	Pepperball powder/project
CHECK DATE: 03/02/2021									
107428 KIVA MANAGEMENT LLC									
00104083-3/21	210003	02/17/2021	030221	337106	365.17	03/15/2021	INV	PD	MAR COMMUNITY ROOM DUES
CHECK DATE: 03/02/2021									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
101018 KRISS PREMIUM PRODUCTS INC									
170514		01/28/2021	030221	337107	681.50	02/28/2021	INV	PD	Arena Chemical Supply
CHECK DATE: 03/02/2021									
109694 LANO EQUIPMENT INC									
02-811657		02/05/2021	030221	337108	663.26	03/05/2021	INV	PD	#719 BOBCAT REPAIR
CHECK DATE: 03/02/2021									
02-811789		02/08/2021	030221	337108	159.96	03/08/2021	INV	PD	BOBCAT BROOM PARTS
CHECK DATE: 03/02/2021									
					823.22				
101043 LANO EQUIPMENT INC									
01-811532		02/05/2021	030221	337109	8.67	03/05/2021	INV	PD	#719 BOBCAT REPAIR
CHECK DATE: 03/02/2021									
01-812799		02/12/2021	030221	337109	18.31	03/12/2021	INV	PD	#123 RADIATOR CAP
CHECK DATE: 03/02/2021									
01-813583		02/18/2021	031621	337226	2,400.00	03/18/2021	INV	PD	#719 BOBCAT TRACKS
CHECK DATE: 03/16/2021									
01-813698		02/19/2021	031621	337226	87.75	03/19/2021	INV	PD	CHAIN SAW PARTS
CHECK DATE: 03/16/2021									
					2,514.73				
101071 LENZEN CHEVROLET BUICK INC									
82548		03/02/2021	031621	337227	57.30	04/02/2021	INV	PD	#100 TAIL GATE PART
CHECK DATE: 03/16/2021									
109324 LILYA, SCOTT									
2010723.002		02/18/2021	031621	337228	27.43	03/18/2021	INV	PD	RFD-JAN MEMBERSHIP
CHECK DATE: 03/16/2021						PAYEE: LILYA, SCOTT			
2010724.002		02/18/2021	031621	337228	38.40	03/18/2021	INV	PD	RFD-NOV MEMBERSHIP
CHECK DATE: 03/16/2021						PAYEE: LILYA, SCOTT			
2010725.002		02/18/2021	031621	337228	54.85	03/18/2021	INV	PD	RFD-OCT MEMBERSHIP
CHECK DATE: 03/16/2021						PAYEE: LILYA, SCOTT			
					120.68				
101093 LITTLE FALLS MACHINE INC									
360770		02/11/2021	031621	337229	741.38	03/13/2021	INV	PD	#114 SNOW PLOW PARTS
CHECK DATE: 03/16/2021									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
104424 LOGANS REPAIR									
16982		03/02/2021	031621	337230	64.00	04/02/2021	INV	PD	Squad 1123 Front End Alig
CHECK DATE: 03/16/2021									
103842 LOCAL GOVERNMENT INFORMATION SYSTEMS									
50066		03/01/2021	031621	337231	775.00	04/01/2021	INV	PD	MAR SA SUPPORT
CHECK DATE: 03/16/2021									
105139 LUBE TECH AND PARTNERS LLC									
2549178		02/17/2021	031621	337232	98.75	03/19/2021	INV	PD	WASTE OIL PICK UP
CHECK DATE: 03/16/2021									
2551807		02/22/2021	031621	337232	1,404.43	03/24/2021	INV	PD	FUELS AND LUBES
CHECK DATE: 03/16/2021									
					1,503.18				
101124 MACQUEEN EQUIPMENT									
P32400		02/03/2021	031621	337233	108.22	03/03/2021	INV	PD	#921 VACTOR PARTS
CHECK DATE: 03/16/2021									
W07799		02/10/2021	030221	337110	1,291.07	03/10/2021	INV	PD	SEWER CAMERA CRAWLER MAIN
CHECK DATE: 03/02/2021									
W07800		02/10/2021	030221	337110	1,044.60	03/10/2021	INV	PD	SEWER CAMERA HEAD MAINTEN
CHECK DATE: 03/02/2021									
W07802		02/16/2021	031621	337233	1,213.92	03/16/2021	INV	PD	SEWER CAMERA REEL MAINTEN
CHECK DATE: 03/16/2021									
W07811		02/08/2021	031621	337233	1,376.70	03/08/2021	INV	PD	#921 VACTOR REPAIR
CHECK DATE: 03/16/2021									
					5,034.51				
103449 MADDEN GALANTER HANSEN LLP									
86777		02/16/2021	030221	337111	54.00	03/16/2021	INV	PD	JAN LEGAL SERVICES
CHECK DATE: 03/02/2021									
103176 MANSFIELD OIL COMPANY									
22233123		03/02/2021	031621	337234	6,955.14	04/01/2021	INV	PD	UNLEADED FUEL
CHECK DATE: 03/16/2021									
22233124		03/02/2021	031621	337234	4,897.68	04/01/2021	INV	PD	DYED DIESEL

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
CHECK DATE: 03/16/2021									
22233125		03/02/2021	031621	337234	2,337.07	04/01/2021	INV	PD	COLD PRO
CHECK DATE: 03/16/2021									
					14,189.89				
107796 DAWN MARIE MARTIN									
FEB 2021		03/08/2021	031621	337235	28.08	04/08/2021	INV	PD	ZUMBA 2/6
CHECK DATE: 03/16/2021									
JAN 2021		03/08/2021	031621	337235	28.08	04/08/2021	INV	PD	ZUMBA 1/13
CHECK DATE: 03/16/2021									
MAR 2021		03/08/2021	031621	337235	28.08	04/08/2021	INV	PD	ZUMBA 3/6
CHECK DATE: 03/16/2021									
					84.24				
108565 MCGRANN SHEA CARNIVAL STRAUGHN AND LAMB CHARTERED									
52897-0002		02/11/2021	030221	337112	1,202.50	03/09/2021	INV	PD	ELECTRIC SERVICE TERRITOR
CHECK DATE: 03/02/2021									
101168 MELCHERT HUBERT SJODIN PLLP									
155077		02/10/2021	030221	337113	2,342.20	03/10/2021	INV	PD	GENERAL FUND
CHECK DATE: 03/02/2021									
155184		02/10/2021	030221	337113	147.00	03/10/2021	INV	PD	ELECTRIC FRANCHISE ORDINA
CHECK DATE: 03/02/2021									
155185		02/10/2021	030221	337113	154.50	03/10/2021	INV	PD	NE COLLECTOR ASSESSMENT
CHECK DATE: 03/02/2021									
155186		02/10/2021	030221	337113	1,901.20	03/10/2021	INV	PD	CSAH 44 & HWY 212 PARCEL
CHECK DATE: 03/02/2021									
155187		02/10/2021	030221	337113	1,165.60	03/10/2021	INV	PD	CREEK WAY & CHASKA CREEK
CHECK DATE: 03/02/2021									
155188		02/10/2021	030221	337113	431.20	03/10/2021	INV	PD	PROBATE COURT-COTTRELL-NE
CHECK DATE: 03/02/2021									
155189		02/10/2021	030221	337113	362.60	03/10/2021	INV	PD	POPPLER/SCHALOW PROPERTY
CHECK DATE: 03/02/2021									
155190		02/10/2021	030221	337113	1,254.40	03/10/2021	INV	PD	MRS BREAKER LEASE
CHECK DATE: 03/02/2021									
155191		02/10/2021	030221	337113	372.40	03/10/2021	INV	PD	2020 MISC LEGAL
CHECK DATE: 03/02/2021									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
155192		02/10/2021	030221	337113	382.20	03/10/2021	INV	PD	HAZELTINE SHORES-PAR 30
CHECK DATE: 03/02/2021									
155193		02/10/2021	030221	337113	198.40	03/10/2021	INV	PD	DEL WEBB-HAMMERS PROPERTY
CHECK DATE: 03/02/2021									
155194		02/10/2021	030221	337113	954.80	03/10/2021	INV	PD	HWY 41 DT REDEVELOPMENT
CHECK DATE: 03/02/2021									
155195		02/10/2021	030221	337113	2,001.40	03/10/2021	INV	PD	CORTINA WOODS PRESERVATIO
CHECK DATE: 03/02/2021									
155196		02/10/2021	030221	337113	78.40	03/10/2021	INV	PD	401 PINE ST ACQUISTION
CHECK DATE: 03/02/2021									
155197		02/10/2021	030221	337113	409.20	03/10/2021	INV	PD	UNITED PROPERTIES-COSTCO/
CHECK DATE: 03/02/2021									
					12,155.50				
101183 METROPOLITAN COUNCIL									
FEB 2021 SAC		02/28/2021	031621	337236	24,601.50	03/31/2021	INV	PD	FEB SAC CHARGES
CHECK DATE: 03/16/2021									
101182 METROPOLITAN COUNCIL									
0001120783		02/23/2021	031621	337237	16,112.75	03/25/2021	INV	PD	WTP STRENGTH CHARGE 2020
CHECK DATE: 03/16/2021									
0001121125		03/08/2021	031621	337238	226,109.79	04/01/2021	INV	PD	APR SEWER SERVICES FOR ME
CHECK DATE: 03/16/2021									
					242,222.54				
101187 METRO SALES INC									
INV1760025		02/17/2021	030221	337114	136.00	03/19/2021	INV	PD	Ricoh/MP C3003
CHECK DATE: 03/02/2021									
INV1764887		02/24/2021	031621	337239	122.00	03/26/2021	INV	PD	MAR FD COPIER
CHECK DATE: 03/16/2021									
INV1771268		03/03/2021	031621	337239	217.05	04/02/2021	INV	PD	Contract Invoice
CHECK DATE: 03/16/2021									
					475.05				
101217 MINNESOTA CHILD SUPPORT PMT CTR									
PR0226210014172152		02/26/2021	022621	337148	195.66	02/26/2021	INV	PD	022621 Payroll Child Supp
CHECK DATE: 02/26/2021									
PR022621001510208001		02/26/2021	022621	337147	179.04	02/26/2021	INV	PD	022621 Payroll Child Supp

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
CHECK DATE: 02/26/2021									
					374.70				
101222 MINNESOTA CLAY CO USA									
118882		02/16/2021	030221	337115	179.89	03/18/2021	INV	PD	Pottery Class Supplies
CHECK DATE: 03/02/2021									
101229 MINNESOTA DEPT OF EMPLOYMENT									
13	210001	02/17/2021	030221	337116	2,433.64	03/15/2021	INV	PD	FORMACOAT LLC LOAN REPAYM
CHECK DATE: 03/02/2021									
101227 MINNESOTA ELEVATOR INC									
897652		03/01/2021	031621	337240	405.92	04/01/2021	INV	PD	Mar CCC Elevator Service
CHECK DATE: 03/16/2021									
101247 MINNESOTA MUNICIPAL UTILITIES ASSN									
57068		03/03/2021	031621	337241	755.00	04/02/2021	INV	PD	G. WICKENHAUSER - FIRSTLI
CHECK DATE: 03/16/2021									
109725 SUMMIT ORTHOPEDICS LTD									
328133		02/22/2021	031621	337242	500.00	03/24/2021	INV	PD	FFD/RTW EXAM
CHECK DATE: 03/16/2021									
101276 MINNESOTA VALLEY ELECTRIC COOPERATIVE									
107050711/FEB21		02/28/2021	031121	337301	805.64	03/22/2021	INV	PD	FEB ST LITES-TOWN COURSE
CHECK DATE: 03/11/2021									
107051510/FEB21		02/22/2021	030221-2	337153	34.76	03/16/2021	INV	PD	FEB 82ND ST & HWY 41 SIGN
CHECK DATE: 03/02/2021									
778320601/FEB21		02/22/2021	030221-2	337153	112.08	03/16/2021	INV	PD	FEB CHEVALLE LIFT STATION
CHECK DATE: 03/02/2021									
780272000/FEB21		02/22/2021	030221-2	337153	10.82	03/16/2021	INV	PD	FEB CHEVALLE IRRIGATION B
CHECK DATE: 03/02/2021									
					963.30				
101281 KRISTIE MITCHELL									
87186		03/03/2021	031621	337243	1,123.60	04/03/2021	INV	PD	FEB SKATE LESSONS
CHECK DATE: 03/16/2021									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
101341 MINNESOTA DEPT OF LABOR & INDUSTRY									
ALR0118706X CHECK DATE: 03/16/2021		02/27/2021	031621	337244	100.00	03/29/2021	INV	PD	FIRE STATION ELEVATOR
FEBRUARY0190352021 CHECK DATE: 03/16/2021		02/28/2021	031621	337245	4,021.16	03/31/2021	INV	PD	FEB PERMIT SURCHARGES
					4,121.16				
101280 MINNESOTA PUBLIC GOLF ASSOCIATION									
2021 CHECK DATE: 03/16/2021		03/01/2021	031621	337246	100.00	05/01/2021	INV	PD	2021 MPGA DUES
103088 SID TOOL CO INC									
4388838001 CHECK DATE: 03/02/2021		02/01/2021	030221	337117	38.66	03/01/2021	INV	PD	STOCK
4388838002 CHECK DATE: 03/02/2021		01/29/2021	030221	337117	1,958.03	03/01/2021	INV	PD	MSB SHOP SUPPLIES
4388850001 CHECK DATE: 03/02/2021		01/28/2021	030221	337117	338.95	02/27/2021	INV	PD	PLOW BOLTS FOR CUTTING
					2,335.64				
101354 MTI DISTRIBUTING INC #700767									
1289677-00 CHECK DATE: 03/02/2021		02/10/2021	030221	337118	376.88	03/10/2021	INV	PD	WALK GREENS MOWER PARTS
1290534-00 CHECK DATE: 03/16/2021		02/22/2021	031621	337247	10.34	03/22/2021	INV	PD	GASKETS
					387.22				
106657 MUNICIPAL ASSET MANAGEMENT INC									
0618058 CHECK DATE: 03/16/2021		03/01/2021	031621	337248	4,357.03	04/15/2021	INV	PD	CCC FITNESS EQUIP LEASE P
0618059 CHECK DATE: 03/16/2021		03/01/2021	031621	337248	151.05	04/15/2021	INV	PD	CCC SCIFIT PRO LEASE PMT
					4,508.08				
104262 MUNICIPAL CODE CORPORATION									
00355338 CHECK DATE: 03/16/2021		03/02/2021	031621	337249	2,700.00	04/02/2021	INV	PD	Annual Self-Publishing So

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
106198 NAVIANT INC									
0142464-IN CHECK DATE: 03/16/2021		03/01/2021	031621	337250	3,043.65	03/21/2021	INV	PD	FEB ONBASE HOSTING FEE
101253 BUSINESS PLANNING CONCEPTS INC									
383600032021 CHECK DATE: 03/02/2021		02/12/2021	030221-2	337154	144.00	03/10/2021	INV	PD	MAR PERA LIFE PREMIUMS
101437 NUSS EQUIPMENT GROUP LLC									
4658243P CHECK DATE: 03/02/2021		02/09/2021	030221	337119	108.10	03/09/2021	INV	PD	#118 HOOD LATCHES
101445 OFFICE DEPOT									
152201249001 CHECK DATE: 03/02/2021		02/12/2021	030221	337120	55.98	03/20/2021	INV	PD	Coffee and cups with lids
154794547001 CHECK DATE: 03/02/2021		02/10/2021	030221	337120	54.32	03/13/2021	INV	PD	Binders for the workroom
155991401001 CHECK DATE: 03/02/2021		02/09/2021	030221	337120	11.98	03/13/2021	INV	PD	Plastic tab folder hanger
155992012001-1 CHECK DATE: 03/02/2021		02/09/2021	030221	337120	34.99	03/13/2021	INV	PD	Copy paper for the workro
155992012001-2 CHECK DATE: 03/02/2021		02/09/2021	030221	337120	6.07	03/13/2021	INV	PD	Spoons for 2nd floor brea
159958448001 CHECK DATE: 03/16/2021		03/01/2021	031621	337251	19.29	04/02/2021	INV	PD	Correction tape, pens, fi
161039028001 CHECK DATE: 03/16/2021		03/03/2021	031621	337251	20.35	04/02/2021	INV	PD	Facial tissue, hanging po
					202.98				
101484 PAPCO INC									
220000 CHECK DATE: 03/16/2021		03/03/2021	031621	337252	91.21	04/02/2021	INV	PD	Squeegee for Autoscrubber
101483 TAYMARK									
1793026 CHECK DATE: 03/16/2021		02/17/2021	031621	337253	113.54	03/17/2021	INV	PD	GIVEAWAY CARDS-TC

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
109730 PARAGON VISUAL LLC									
INV4431		03/03/2021	031621	337254	9,625.00	04/02/2021	INV	PD	PLOTTER FOR BLDG INSPECTI
CHECK DATE: 03/16/2021									
101530 PING INC									
15413964		11/04/2020	031621	337255	-53.64	12/04/2020	CRM	PD	RESALE-CREDIT
CHECK DATE: 03/16/2021									
15511084		02/01/2021	031621	337255	-53.87	03/31/2021	CRM	PD	SALES REBATES
CHECK DATE: 03/16/2021									
15556211		02/24/2021	031621	337255	5.00	03/24/2021	INV	PD	SHIPPING ON DEMO BAG
CHECK DATE: 03/16/2021									
15563266		03/01/2021	031621	337255	74.61	04/30/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
15567212		03/02/2021	031621	337255	1,295.10	05/01/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
15567213		03/02/2021	031621	337255	2,023.37	05/01/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
15570211		03/03/2021	031621	337255	277.33	05/02/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
15573161		03/04/2021	031621	337255	327.49	05/03/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
					3,895.39				
101576 KENNETH F FORNER									
20215724		02/23/2021	031621	337256	234.00	03/23/2021	INV	PD	GRAPHICS FOR FIRE 320 & 3
CHECK DATE: 03/16/2021									
20215725		02/23/2021	031621	337256	160.00	03/23/2021	INV	PD	GRAPHICS FOR CHIEF 3 & 4
CHECK DATE: 03/16/2021									
20215735		03/02/2021	031621	337256	594.00	04/02/2021	INV	PD	Squad 1212 setup-graphics
CHECK DATE: 03/16/2021									
					988.00				
101591 PUMP AND METER SERVICE INC									
508903		02/24/2021	031621	337257	214.00	03/24/2021	INV	PD	YARD GAS PUMP REPAIR
CHECK DATE: 03/16/2021									
103055 QUALITY PROPANE INC									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
211102		02/01/2021	030221	337121	141.75	03/03/2021	INV	PD	LP Gas-CCC
CHECK DATE: 03/02/2021									
212292		02/08/2021	030221	337121	129.29	03/10/2021	INV	PD	LP Gas-CCC
CHECK DATE: 03/02/2021									
212366		02/15/2021	030221	337121	169.61	03/17/2021	INV	PD	LP Gas for Zamboni
CHECK DATE: 03/02/2021									
213562		02/22/2021	031621	337258	134.42	03/24/2021	INV	PD	LP Gas for the Zamboni
CHECK DATE: 03/16/2021									
214639		03/02/2021	031621	337258	149.82	04/01/2021	INV	PD	LP Gas for the Arena
CHECK DATE: 03/16/2021									
					724.89				
107855 STAPLES INC									
14371291		02/04/2021	031621	337259	59.98	03/06/2021	INV	PD	USB (2)
CHECK DATE: 03/16/2021									
14392228		02/04/2021	031621	337259	142.90	03/06/2021	INV	PD	OFFICE SUPPLIES
CHECK DATE: 03/16/2021									
14426280		02/05/2021	030221	337122	11.99	03/07/2021	INV	PD	SHARPIES
CHECK DATE: 03/02/2021									
14428287		02/05/2021	031621	337259	42.48	03/07/2021	INV	PD	OFFICE SUPPLIES
CHECK DATE: 03/16/2021									
14441082		02/08/2021	030221	337122	1.49	03/10/2021	INV	PD	RULER
CHECK DATE: 03/02/2021									
14476480		02/09/2021	030221	337122	24.99	03/11/2021	INV	PD	P-CARD STAMP (MAINT DEPT)
CHECK DATE: 03/02/2021									
					283.83				
101684 R & R SPECIALTIES OF WISCONSIN INC									
0072126-IN		02/08/2021	030221	337123	66.90	03/08/2021	INV	PD	Zam Blade Sharpening
CHECK DATE: 03/02/2021									
0072366-IN		03/08/2021	031621	337260	66.90	04/08/2021	INV	PD	Zamboni Blade Sharpening
CHECK DATE: 03/16/2021									
0072367-IN		03/08/2021	031621	337260	179.45	04/08/2021	INV	PD	Zamboni Board Brush
CHECK DATE: 03/16/2021									
					313.25				
107099 CRAIG RAPP									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
(11.20.02)		11/17/2020	022321-2	337075	1,600.00	01/08/2021	INV	PD	2021 Leadship Dev. - Kaba
CHECK DATE: 02/23/2021									
101620 RECREATION SUPPLY CO INC									
409249		02/05/2021	030221	337124	82.12	03/05/2021	INV	PD	Spa Pump Parts
CHECK DATE: 03/02/2021									
409557		02/12/2021	031621	337261	37.60	03/12/2021	INV	PD	Impeller for Spa Pump
CHECK DATE: 03/16/2021									
					119.72				
101642 RHOMAR INDUSTRIES INC									
98570		02/24/2021	031621	337262	6,395.03	03/26/2021	INV	PD	LIQUID DEICER FOR SIDEWAL
CHECK DATE: 03/16/2021									
107697 RIVERS EDGE CONCRETE LLC									
C2307940		02/22/2021	031621	337263	1,222.50	03/25/2021	INV	PD	111 PIONEER TRL WM BREAK
CHECK DATE: 03/16/2021									
109193 RJM CONSTRUCTION LLC									
2052010103		01/13/2021	022621	337149	50,832.18	02/28/2021	INV	PD	COVID FACILITY IMPROVEMEN
CHECK DATE: 02/26/2021									
101668 ROBBS ELECTRIC INC									
38390		02/24/2021	031621	337264	303.97	03/24/2021	INV	PD	WEST CREEK SUB - RUN WIRE
CHECK DATE: 03/16/2021									
101673 ROCHESTER MIDLAND CORP									
INV00239760		02/25/2021	031621	337265	34.59	03/27/2021	INV	PD	FIREMAN'S PARK SERVICES
CHECK DATE: 03/16/2021									
101738 SCHILLING SUPPLY COMPANY									
812670-00		02/08/2021	031621	337266	1,082.20	03/08/2021	INV	PD	Paper Towels for Workout
CHECK DATE: 03/16/2021									
813010-00		02/10/2021	030221	337125	417.26	03/10/2021	INV	PD	Cleaning Supplies
CHECK DATE: 03/02/2021									
814426-00		02/23/2021	031621	337266	1,052.74	03/23/2021	INV	PD	Cleaning Supplies
CHECK DATE: 03/16/2021									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
814426-01		02/24/2021	031621	337266	251.43	03/24/2021	INV	PD	Cleaning Supplies
CHECK DATE: 03/16/2021									
814625-00		02/24/2021	031621	337266	48.21	03/24/2021	INV	PD	Feminine Bags
CHECK DATE: 03/16/2021									
815459-00		03/01/2021	031621	337266	562.70	04/01/2021	INV	PD	New Vacuum Cleaner-CCC
CHECK DATE: 03/16/2021									
815882-00		03/03/2021	031621	337266	271.08	04/03/2021	INV	PD	Purell Hand Sanitizer Ref
CHECK DATE: 03/16/2021									
					3,685.62				
104416 KELBRO COMPANY									
2595488		02/15/2021	031621	337267	260.35	03/15/2021	INV	PD	OAK 19 ICE MACHINE RENTAL
CHECK DATE: 03/16/2021									
101775 THE SHERWIN-WILLIAMS COMPANY-CHANHASSEN									
0057-2		02/10/2021	031621	337268	87.87	03/20/2021	INV	PD	STAIN FOR PARK BENCHES/ P
CHECK DATE: 03/16/2021									
0300-2		02/25/2021	031621	337268	43.93	03/20/2021	INV	PD	STAIN FOR PARK BENCHES/PI
CHECK DATE: 03/16/2021									
0329-5		02/17/2021	031621	337268	283.50	03/20/2021	INV	PD	WTP PAINT
CHECK DATE: 03/16/2021									
0675-1		02/23/2021	031621	337268	66.09	03/20/2021	INV	PD	PAINT FOR FOUL POLES AT A
CHECK DATE: 03/16/2021									
9593-3		02/09/2021	031621	337268	153.61	03/20/2021	INV	PD	CHEMICAL ROOM PAINT
CHECK DATE: 03/16/2021									
9685-7		02/11/2021	031621	337268	76.35	03/20/2021	INV	PD	PAINT FOR WTP
CHECK DATE: 03/16/2021									
					711.35				
105388 SHRED-IT US HOLDCO INC									
8181442587		02/15/2021	031621	337269	92.07	03/17/2021	INV	PD	Shredding-PD
CHECK DATE: 03/16/2021									
106596 SIWEK LUMBER JORDAN INC									
31911		02/16/2021	031621	337270	534.00	03/18/2021	INV	PD	CEDAR LUMBER FOR PICNIC T
CHECK DATE: 03/16/2021									
101808 SNAP-ON TOOLS									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
02162191587		02/16/2021	030221	337126	240.00	03/16/2021	INV	PD	HUB PULLER
CHECK DATE: 03/02/2021									
02252191814		02/25/2021	031621	337271	136.20	03/25/2021	INV	PD	WATER DEPT TOOL
CHECK DATE: 03/16/2021									
08031752812		02/25/2021	031621	337271	748.96	03/25/2021	INV	PD	SHOP TOOLS AND EQUIPMENT
CHECK DATE: 03/16/2021									
					1,125.16				
101828 SOUTHWEST NEWS MEDIA									
2124688		02/04/2021	031621	337272	236.85	03/25/2021	INV	PD	REZONE-HARVEST WEST 3RD-O
CHECK DATE: 03/16/2021									
2124689		02/04/2021	031621	337272	346.43	03/25/2021	INV	PD	REZONE-CHASKA CREEK INDUS
CHECK DATE: 03/16/2021									
2124690		02/04/2021	031621	337272	212.10	03/25/2021	INV	PD	REZONE-CHASKA BLUFFS 2ND-
CHECK DATE: 03/16/2021									
2125259		02/11/2021	031621	337272	1,095.85	03/25/2021	INV	PD	TRANSIENT ACCOMODATIONS-O
CHECK DATE: 03/16/2021									
2125260		02/11/2021	031621	337272	106.05	03/25/2021	INV	PD	SENIOR ELEC RATE-ORD 990
CHECK DATE: 03/16/2021									
2125261		02/11/2021	031621	337272	95.45	03/25/2021	INV	PD	CONVENIENCE FEES-ORD 991
CHECK DATE: 03/16/2021									
					2,092.73				
101860 STANDARD SPRING PARTS									
386655		02/23/2021	031621	337273	224.24	03/23/2021	INV	PD	T5 STREET U-BOLT
CHECK DATE: 03/16/2021									
101887 ARMOR INC									
59673		02/03/2021	030221-2	337155	280.80	03/03/2021	INV	PD	TOOL END
CHECK DATE: 03/02/2021									
101888 STREICHERS									
I1484414		02/16/2021	030221	337127	2,363.01	03/16/2021	INV	PD	Department Ammunition
CHECK DATE: 03/02/2021									
I1484783		02/17/2021	030221	337127	1,867.47	03/17/2021	INV	PD	Department Ammunition
CHECK DATE: 03/02/2021									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
					4,230.48				
101892 STUART C IRBY CO									
S012123921.003	210022	02/06/2021	031621	337274	6,102.00	03/08/2021	INV	PD	(3) TRNSFRMRS 601-1919,60
CHECK DATE: 03/16/2021									
S012163263.001	210023	02/08/2021	031621	337274	2,642.00	03/10/2021	INV	PD	(2) SWITCH PAD MT DBL FUS
CHECK DATE: 03/16/2021									
S012276481.001	210019	02/01/2021	030221	337128	1,870.90	03/03/2021	INV	PD	COND, GRD ROD COPPER, FUS
CHECK DATE: 03/02/2021									
S012276481.002	210019	02/01/2021	030221	337128	844.10	03/03/2021	INV	PD	COND, GRD ROD COPPER, FUS
CHECK DATE: 03/02/2021									
					11,459.00				
103677 SUN LIFE ASSURANCE COMPANY OF CANADA									
237741/MAR21		02/23/2021	030421	337159	4,121.05	03/31/2021	INV	PD	MAR EMP LIFE INS PREM
CHECK DATE: 03/04/2021									
101898 SUN MOUNTAIN SPORTS									
729622		02/17/2021	031621	337275	224.50	03/17/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
109703 SUPERIOR RENTALS LLC									
40067501-2021		01/26/2021	030221	337129	300.00	03/12/2021	INV	PD	JAN REBATE-BUSINESS LIGHT
CHECK DATE: 03/02/2021									
101907 SCHWAB VOLLHABER LUBRATT SERVICE CORP									
INV156786		02/05/2021	030221	337130	89.72	03/05/2021	INV	PD	DOOR LATCHES-ROOFTOP UNIT
CHECK DATE: 03/02/2021									
107958 TACONIC MAINTENANCE									
13190		02/22/2021	031621	337276	453.75	03/22/2021	INV	PD	DEICING LIQUID FOR SIDEWA
CHECK DATE: 03/16/2021									
106000 TARMAN, AL									
87304		02/21/2021	031621	337277	149.24	04/02/2021	INV	PD	MILEAGE-FIRE INVESTIGATIO
CHECK DATE: 03/16/2021									
101932 TAYLOR MADE GOLF CO INC									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
34809215		03/05/2021	031621	337278	547.48	05/04/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
101964 PMT EMBROIDERY LLC									
18462		02/22/2021	031621	337279	256.00	03/22/2021	INV	PD	Curling Resale Beanies w/
CHECK DATE: 03/16/2021									
18474		03/03/2021	031621	337279	80.00	04/02/2021	INV	PD	Boll-Uniform Embroidery
CHECK DATE: 03/16/2021									
					336.00				
104908 TIMESAVER OFF SITE SECRETARIAL INC									
M26217		02/12/2021	030221	337131	554.00	02/18/2021	INV	PD	1/25 & 2/1 City Council M
CHECK DATE: 03/02/2021									
101977 TOLL COMPANY									
10393911		02/26/2021	031621	337280	936.02	03/26/2021	INV	PD	WELDING SUPPLIES
CHECK DATE: 03/16/2021									
109723 TOPCON SOLUTIONS INC									
INV154441		02/24/2021	031621	337281	4,528.00	03/26/2021	INV	PD	BLUE BEAM SUBSCRIPTION
CHECK DATE: 03/16/2021									
101990 KANDI KOUNTRY EXPRESS LTD									
436199		02/15/2021	030221	337132	1,106.20	03/17/2021	INV	PD	#108 CONTROLLER REPAIR
CHECK DATE: 03/02/2021									
103946 TRANSUNION RISK AND ALTERNATIVE DATA SOLUTIONS INC									
1549467/FEB21		03/01/2021	031621	337282	126.80	04/15/2021	INV	PD	Data Processing
CHECK DATE: 03/16/2021									
103742 TRAVELERS INDEMNITY COMPANY									
2367D0070-2021		02/09/2021	022521	337145	114,479.00	03/01/2021	INV	PD	2021 BOILER & MACHINERY P
CHECK DATE: 02/25/2021									
101994 TRAVISMATHEW LLC									
90177104		02/24/2021	031621	337283	1,791.96	03/26/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
90180110		02/25/2021	031621	337283	3,266.50	03/27/2021	INV	PD	RESALE
CHECK DATE: 03/16/2021									
					5,058.46				
102004 TREBIATOWSKI, KEVIN									
FEB 2021		02/28/2021	031621	337284	84.00	04/08/2021	INV	PD	ELEC FOR FD EQUIP IN VEHI
CHECK DATE: 03/16/2021									
102015 TRI-STATE BOBCAT INC									
P50537		02/09/2021	030221	337133	367.75	03/09/2021	INV	PD	#124 BOBCAT
CHECK DATE: 03/02/2021									
P50730		02/12/2021	031621	337285	367.75	03/12/2021	INV	PD	#129 BOBCAT PARTS
CHECK DATE: 03/16/2021									
					735.50				
102027 TWIN CITIES & WESTERN RAILROAD CO									
M900046-IN		02/19/2021	030221	337134	533.58	03/19/2021	INV	PD	WATERMAIN CROSSING PERMIT
CHECK DATE: 03/02/2021									
102033 TYLER TECHNOLOGIES INC									
045-325672-2021		12/31/2020	030221	337135	3,525.00	02/24/2021	INV	PD	BUDGET REPORT COMPLETE-BA
CHECK DATE: 03/02/2021									
102037 ULINE INC									
130256704		02/16/2021	031621	337286	240.40	03/16/2021	INV	PD	DOG WASTE BAGS FOR PARKS
CHECK DATE: 03/16/2021									
130304489		02/17/2021	030221	337136	143.09	03/17/2021	INV	PD	Green Vinyl Tape for B-ba
CHECK DATE: 03/02/2021									
130317012		02/17/2021	030221	337136	71.83	03/17/2021	INV	PD	(6) Mop Heads
CHECK DATE: 03/02/2021									
130520769		02/23/2021	031621	337286	218.09	03/23/2021	INV	PD	Chair & Cork Board for Ma
CHECK DATE: 03/16/2021									
130613313		02/25/2021	031621	337286	239.89	03/25/2021	INV	PD	Cork & White Boards
CHECK DATE: 03/16/2021									
					913.30				
102051 UPS									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
000027V7Y7071-2021 CHECK DATE: 03/04/2021		02/13/2021	030421	337160	22.73	02/24/2021	INV	PD	TC SHIPPING
107745 US BANK NATIONAL ASSOCIATION									
436562268 CHECK DATE: 03/02/2021		02/18/2021	030221	337137	439.53	03/15/2021	INV	PD	CCC COLOR COPIER LEASE PY
104522 US FOODS INC									
5920013 CHECK DATE: 03/16/2021		02/26/2021	031621	337287	149.57	03/28/2021	INV	PD	OAK 19 DISHWASHER RENTAL
102102 VERIZON WIRELESS									
9873995656 CHECK DATE: 03/11/2021		02/23/2021	031121	337302	632.75	03/15/2021	INV	PD	FEB CRADLEPOINTS
102133 WAGNER PRESS & GRAPHICS									
33846 CHECK DATE: 03/02/2021		02/16/2021	030221	337138	137.00	03/16/2021	INV	PD	METER INSPECTION FORMS
33860 CHECK DATE: 03/16/2021		02/22/2021	031621	337288	185.00	03/14/2021	INV	PD	FEB UTILITY INSERT
					322.00				
102141 WASTE MANAGEMENT OF MINNESOTA INC									
7465071-1593-7 CHECK DATE: 03/16/2021		02/03/2021	031621	337289	80.45	03/05/2021	INV	PD	TOWN COURSE MAINTENANCE
102143 WATER CONSERVATION SERVICES INC									
11105 CHECK DATE: 03/16/2021		03/01/2021	031621	337290	355.25	03/31/2021	INV	PD	LEAK LOCATE 1425 EAST LAK
102146 WATER SPECIALTY OF MINNESOTA INC									
12281 CHECK DATE: 03/16/2021		12/23/2020	031621	337291	-1,480.50	03/01/2021	CRM	PD	RETURNED AQUABROME TABLET
12298 CHECK DATE: 03/16/2021		01/15/2021	031621	337291	904.00	03/08/2021	INV	PD	Swimming Pool Chemicals
12300 CHECK DATE: 03/16/2021		01/15/2021	031621	337291	777.30	03/08/2021	INV	PD	Swimming Pool Chemicals

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
12327		02/12/2021	030221	337139	370.00	03/12/2021	INV	PD	Pool Chemicals
CHECK DATE: 03/02/2021									
12335		02/22/2021	031621	337291	1,000.28	03/22/2021	INV	PD	Swimming Pool Chemicals
CHECK DATE: 03/16/2021									
					1,571.08				
102166 WESCO DISTRIBUTION INC									
593568		02/10/2021	030221	337140	757.60	03/10/2021	INV	PD	WIRE MARKING TAGS
CHECK DATE: 03/02/2021									
102189 WM MUELLER & SONS									
263207		02/08/2021	030221	337141	69.16	03/25/2021	INV	PD	PIONEER TRAIL WM BREAK (T
CHECK DATE: 03/02/2021									
263208		02/08/2021	030221	337141	919.20	03/25/2021	INV	PD	PIONEER TRAIL WM BREAK (T
CHECK DATE: 03/02/2021									
263363		02/24/2021	031621	337292	428.53	03/25/2021	INV	PD	COLUMBIA CT W WATERMAIN B
CHECK DATE: 03/16/2021									
263406		02/26/2021	031621	337292	129.98	03/25/2021	INV	PD	W/S STOCKPILE
CHECK DATE: 03/16/2021									
					1,546.87				
102220 NORTHLAND SYSTEMS INC									
80393		02/24/2021	031621	337293	5,971.20	03/31/2021	INV	PD	CITY STORAGE
CHECK DATE: 03/16/2021									
80407		02/26/2021	031621	337293	522.67	04/02/2021	INV	PD	VPN LICENSE RENEWAL
CHECK DATE: 03/16/2021									
80456		03/03/2021	031621	337293	16,010.00	04/07/2021	INV	PD	MAR SUPPORT SVC
CHECK DATE: 03/16/2021									
80457		03/03/2021	031621	337293	6,715.00	04/07/2021	INV	PD	MAR RECOVERY SVC
CHECK DATE: 03/16/2021									
					29,218.87				
102228 ZEE MEDICAL SERVICE INC									
54128463		02/25/2021	031621	337294	168.15	03/25/2021	INV	PD	FD MEDICAL CABINET SUPPLI
CHECK DATE: 03/16/2021									
54128469		02/26/2021	031621	337294	35.40	03/26/2021	INV	PD	EYE WASH
CHECK DATE: 03/16/2021									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
					203.55				
102231 ZIEGLER INC									
IN000002225		02/18/2021	031621	337295	757.50	03/18/2021	INV	PD	GENERATOR REPAIR-FD
CHECK DATE: 03/16/2021									
IN000013549		03/02/2021	031621	337295	23.86	04/02/2021	INV	PD	T5 TRAILER REPAIR (STREET
CHECK DATE: 03/16/2021									
396 INVOICES					1,255,716.49				

** END OF REPORT - Generated by Michelle Robbin **

Electronic Payments

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
105243 ALERUS FINANCIAL									
C102997 CHECK DATE: 02/22/2021		02/05/2021	022221	2685	134.90	02/22/2021	DIR	PD	JAN 2021 PARTICIPANT FEES
100385 CHASKA FIRE DEPT RELIEF ASSN									
2021/01-CFDRA CHECK DATE: 02/26/2021		02/26/2021	022621	2691	33,480.09	02/26/2021	DIR	PD	JAN-21 FIRE RELIEF ASSOC-
107490 GREAT-WEST LIFE & ANNUITY INSURANCE COMPANY									
86832 CHECK DATE: 03/01/2021		02/26/2021	030121	2698	1,386.31	03/01/2021	DIR	PD	022621 Payroll - HCSP Con
107744 GREAT-WEST LIFE & ANNUITY INSURANCE COMPANY									
86833 CHECK DATE: 03/01/2021		02/26/2021	030121	2699	200.00	03/01/2021	DIR	PD	022621 Payroll - MNDCP Co
101756 MII LIFE INCORPORATED									
15603616-ANNUAL FEE CHECK DATE: 02/24/2021		02/10/2021	022421	2688	1,500.00	02/24/2021	DIR	PD	2021 ANNUAL FEE
15603616-FEB CHECK DATE: 02/24/2021		02/10/2021	022421	2687	297.00	02/24/2021	DIR	PD	FEB PARTICIPANT FEES-FSA
15603616-JAN CHECK DATE: 02/24/2021		02/11/2021	022421	2686	301.50	02/24/2021	DIR	PD	JAN FSA & VEBA PARTICIPAN
2021/0216 CHECK DATE: 02/19/2021		02/01/2021	021921	2684	312.00	02/19/2021	DIR	PD	2/1/21 VEBA CONTRIBUTION
2021/0304 CHECK DATE: 03/09/2021		03/01/2021	030921	2703	416.00	03/09/2021	DIR	PD	3/1/21 VEBA CONTRIBUTION
39714430-2020 CHECK DATE: 02/18/2021		02/16/2021	021821	2682	601.68	02/18/2021	DIR	PD	2020-2/18/21 FSA REIMBURS
39714430-2021 CHECK DATE: 02/18/2021		02/16/2021	021821	2681	1,857.34	02/18/2021	DIR	PD	2021-2/18/21 FSA REIMBURS
39723292-2020 CHECK DATE: 02/25/2021		02/23/2021	022521	2689	209.00	02/25/2021	DIR	PD	2020-2/25/21 FSA REIMBURS
39723292-2021 CHECK DATE: 02/25/2021		02/23/2021	022521	2690	714.80	02/25/2021	DIR	PD	2021-2/25/21 FSA REIMBURS
39729948-2020		03/02/2021	030421	2701	278.00	03/04/2021	DIR	PD	2020-3/4/21 FSA REIMBURSE

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
CHECK DATE: 03/04/2021									
39729948-2021		03/02/2021	030421	2702	1,321.76	03/04/2021	DIR	PD	2021-3/4/21 FSA REIMBURSE
CHECK DATE: 03/04/2021									
					7,809.08				
100927 INTERNAL REVENUE SERVICE									
86826		02/26/2021	022621	2692	129,701.19	02/26/2021	DIR	PD	022621 Payroll - FICA Fed
CHECK DATE: 02/26/2021									
101346 MINNESOTA COMMISSIONER OF REVENUE									
2021/0131-CC		01/31/2021	021721	2679	8,262.98	02/17/2021	DIR	PD	JAN-21 CARVER CTY TRANSIT
CHECK DATE: 02/17/2021									
2021/0131-SLS/UB		01/31/2021	021721	2677	114,112.73	02/17/2021	DIR	PD	JAN-21 GEN/UB SALES TAX
CHECK DATE: 02/17/2021									
2021/0131-USE		01/31/2021	021721	2678	13,182.24	02/17/2021	DIR	PD	JAN-21 USE TAX
CHECK DATE: 02/17/2021									
					135,557.95				
101343 MINNESOTA DEPT OF REVENUE-PAYROLL WIRES									
86827		02/26/2021	030121	2696	25,172.05	03/01/2021	DIR	PD	022621 Payroll - MN State
CHECK DATE: 03/01/2021									
101249 MINNESOTA MUNICIPAL POWER AGENCY									
3405		02/04/2021	021921	2683	2,286,099.70	02/19/2021	DIR	PD	JAN ELECTRIC SERVICE
CHECK DATE: 02/19/2021									
101376 NATIONWIDE RETIREMENT SOLUTIONS(USCM)									
86828		02/26/2021	022621	2693	16,808.12	02/26/2021	DIR	PD	022621 Payroll - 457 Cont
CHECK DATE: 02/26/2021									
106955 NATIONWIDE RETIREMENT SOLUTIONS(USCM)									
86831		02/26/2021	022621	2695	2,931.65	02/26/2021	DIR	PD	022621 Payroll - Roth Con
CHECK DATE: 02/26/2021									
104668 OPTUM BANK INC									
86830		02/26/2021	030121	2697	15,404.77	03/01/2021	DIR	PD	022621 Payroll - HSA Cont
CHECK DATE: 03/01/2021									

INVOICE	P.O.	INV DATE	CHECK RUN	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
101498 PCARD									
2021/0212-PC CHECK DATE: 03/01/2021		02/12/2021	030121	2700	43,082.43	03/01/2021	DIR	PD	FEB 2021 PCARD PURCHASES
101525 PITNEY BOWES POSTAGE									
2020/0217-PB CHECK DATE: 02/18/2021		02/17/2021	021821	2680	1,200.00	02/18/2021	DIR	PD	2/17/21 REPLENISH POSTAGE
101506 PUBLIC EMPLOYEES RETIREMENT ASSOCIATION									
86829 CHECK DATE: 02/26/2021		02/26/2021	022621	2694	93,524.41	02/26/2021	DIR	PD	022621 Payroll - PERA Con
					93,524.41				
27 INVOICES					2,792,492.65				

** END OF REPORT - Generated by Michelle Robbin **

Biweekly Report
March 15, 2021
By
Matt Podhradsky

UPCOMING COUNCIL MEETING SCHEDULE

As I shared with Council in an email this past week, due to the increasing number of COVID cases in the community, we are going to be having our meeting via Zoom this upcoming Monday instead of meeting at the Event Center. Our hope is that by the time our next meeting comes along that we will be able to have better information to see if there is reason to continue meeting via Zoom, or whether we are able to come back in person.

For the meeting on Monday night, we will be having interviews for open Park Board seats from 6-7 that night. We have three people that we will be interviewing, with some time to discuss interviews before our Council meeting starts.

March 29th: As this is the 5th Monday of the month, and we do not have enough Agenda items to warrant a meeting, we will not have a Council meeting on this evening.

April 5th: As mentioned above, we hope to have enough information by that time to determine if there is a need to continue to meet remotely or whether we can come back in person to the Event Center. As we get closer to that date, we will let you know. We are not certain at this time if we will have a need for a work session. We will let you know if anything changes there as well.

If you have any questions, just let me know.

PAUSE ON GROUP ACTIVITES AT CCC

As I shared with you in an email earlier this week, Staff has been meeting with representatives of the Minnesota Department of Health and Carver County Public Health throughout this past week regarding recommendations being made revolving around the cluster of B 1.1.7 Variant COVID being found in Eastern Carver County. There was a recommendation not only that a pause be placed on organized Youth Sports activities, but also that there be a pause on any group activities within fitness center facilities in Eastern Carver County. Given that guidance, staff did move in conjunction with the School District to put a pause on use of our facilities for Youth Group Sports activities. This mainly revolves around the use of our ice rinks by our local Youth Hockey Associations, but also includes use of the CCC by other groups having group activities with youth housed in the CCC, such as a local dance and swim clubs. We have also been working with Breakaway Academy to put a pause on their use of the Ice Arenas and the gymnasium for youth group activities. In addition to this, we did also put a pause on our group fitness classes being held within the building. We will now be temporarily going back to offering these classes virtually.

At this time, we expect that this pause will last one additional week, with us hopefully being back to our most recent level of activity in the building by March 22nd. We will let the Council know if that changes.

If you have any questions, please let me know.

PEDESTRIAN AND BICYCLE MASTER PLAN

Below is a message from our Park and Recreation Director about a Pedestrian and Bicycle Master Plan project that we are about to embark on, and which is being paid for through a grant through Carver County:

The City of Chaska has a Grant Agreement with Carver County that will fund a consulting firm to develop a Pedestrian and Bicycle Master Plan for Chaska. Proposals are due to the City on Monday, March 1st. I intend to bring my recommendation to the Park Board at their March 9th meeting and seek their recommendation for City Council to approve an agreement with the consultant at their March 15th meeting.

I am asking that a City Council member join the established Bicycle Friendly Chaska Committee to participate in the development of the Master Plan. The final plan will need to be approved by City Council; thus it would be ideal for one of them to participate and provide the Council updates along the way. The commitment will likely be one meeting per month and ideally some participation in planned community engagement.

The Bicycle Friendly Chaska Committee currently includes representation from: city administration, engineering, community development, public works, parks and recreation, park board, human rights commission, carver county (health and human services, engineering, and commissioner) school district, downtown business alliance, southwest transit, Minnesota bike alliance, and a resident. I will be seeking a couple more residents along with inviting Michael's Cycles, Southwest Chamber of Commerce and MnDOT to participate as well.

Thank you for your support on this exciting project.

Marshall Grange
Chaska Parks & Recreation Director

This is an item that you will see on the Council meeting for Monday with the Council considering the selection of a consultant for the project. Please give some thought as to whether any of you might be willing to be the Council representative on this committee as it would be good to have a Council voice on this planning process as it will need to eventually come back to Council for approval when the planning project is complete.

Please let me know if you have any questions.

FEDERAL STIMULUS UPDATE

As you have likely heard by now, Congress did approve the latest Federal COVID Relief/Stimulus bill on Tuesday, with the President signing it into law yesterday. As I have been sharing with you throughout the process, one area of particular interest to us was the portion of the bill that includes relief for State and Local Governments for impacts from COVID. For the

City of Chaska, our largest impact has been in the loss of revenue from facilities such as the Community Center and Curling and Event Center due to needing to be closed twice during the past year and losing several memberships at our CCC because of the pandemic. We have estimated that the financial impact could be around the $2.7 million range.

Unlike past relief bills which did not allow us to use these dollars to replace revenue loss, this one will which is of huge benefit to us. While initial figures were estimated at around $5 million for the City of Chaska, it is appearing the final bill will provide us with $3.07 million, although that is still just an estimate and we are yet to confirm. It should be noted that this assistance will be provided in two installments, with the first half likely coming in June and the 2nd half coming 12 months later.

We would like to thank our Congressional Delegation and in particular Representative Phillips and Senator Klobuchar's Offices for the assistance they provided us through this process. They were truly helpful in helping us navigate getting our voices heard through this process.

If you have any questions about this, please let me know.

City of Chaska
Memorandum

To: Administration, Mayor and City Council

From: Lisa Nelson
Controller

Date: March 11, 2021

RE: Financial Reports –
Year-To-Date (YTD) Ending January 31, 2021

FINACIAL REPORTS
Enclosed are year-to-date financial reports as of January 31, 2021.

Each fund includes the adopted budget compared to YTD actuals, and the resulting variance. Also presented is the percentage of actual revenue or expenditures compared to the annual budget.

Each report also includes revenue and expenditures as of 01/31/20. This will allow you to compare each fund's activity to the prior year.

These draft reports include the following revenues and expenditures:

- YTD revenue receipted by the City.
- YTD revenue from invoices issued by the City.
- YTD payroll through check dates in January.
- YTD vendor payments that:
    1) were previously approved by the City Council, or
    2) are pending approval by the Council at the March 15th meeting.

These draft reports do not include the following revenues and expenditures:

- Administrative charges and allocations
- Workers Comp and Property Insurance allocations
- General investment earnings revenue (allocated at year-end)
- Depreciation expense (recorded at year-end)

GENERAL FUND
REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES
BUDGET, AMENDED BUDGET, ACTUAL AND PRIOR YEAR TO DATE
FOR THE PERIODS ENDING 1/31/2021 AND 1/31/2020

	2021 BUDGET	ACTUAL AS OF 1/31/21	VARIANCE POSITIVE (NEGATIVE)	PERCENT OF BUDGET RECEIVED/ EXPENDED	ACTUAL AS OF 1/31/20
REVENUES:					
Property Taxes *	$ 7,743,413	$ -	$ (7,743,413)	0%	$ -
Franchise Fees:					
Cable TV	300,000	-	(300,000)	0%	-
Gas	457,200	-	(457,200)	0%	-
Licenses	202,830	43,759	(159,071)	22%	44,251
Permits:					
Building	479,000	37,360	(441,640)	8%	30,002
Plan Check	135,000	18,423	(116,577)	14%	15,888
Mechanical, Plumbing & Other	126,528	10,637	(115,891)	8%	7,930
Intergovernmental:					
State Aid - MSA	120,000	-	(120,000)	0%	-
State Aid - Police and Fire	415,171	-	(415,171)	0%	-
State - Other	45,500	585	(44,915)	1%	585
County, School and Local	160,329	-	(160,329)	0%	-
Charges For Services:					
General Government	103,340	78	(103,262)	0%	4,385
Public Safety	59,397	26,949	(32,448)	45%	563
Public Works	124,090	130	(123,960)	0%	695
Parks & Recreation	172,635	33,444	(139,191)	19%	-
Administrative Charges	4,870,670	-	(4,870,670)	0%	-
Fines And Forfeitures	71,623	-	(71,623)	0%	500
Investment Earnings	22,000	-	(22,000)	0%	-
Other Revenue	171,950	1,253	(170,697)	1%	21,396
TOTAL REVENUES	15,780,676	172,618	(15,608,058)	1%	126,195
EXPENDITURES:					
General Government:					
Mayor & Council	145,078	15,112	129,966	10%	17,756
Communications	112,115	7,716	104,399	7%	9,079
Administration	866,591	61,464	805,127	7%	108,359
Human Resources	286,290	60,530	225,760	21%	27,525
Elections	5,402	-	5,402	0%	37
Finance/Admin Services	1,666,915	131,661	1,535,254	8%	226,986
Information Services/Admin Services	1,291,865	121,243	1,170,622	9%	98,231
Fiber Systems	45,226	19,907	25,319	44%	19,763
Legal - City Attorney	80,400	5,324	75,076	7%	4,394
Community Development	366,569	22,898	343,671	6%	58,365
Engineering	480,685	27,513	453,172	6%	35,928
Government Buildings	239,710	18,203	221,507	8%	17,772
Facility Maintenance	476,253	25,101	451,152	5%	1,563
Total General Government	6,063,099	516,672	5,546,427	9%	625,758
Public Safety:					
Police	5,145,853	412,787	4,726,331	8%	534,183
Crime Prevention Program	352	-	352	0%	50
Fire	2,120,171	134,510	1,985,661	6%	154,472
Building Inspections (Comm.Dev)	624,651	68,648	556,003	11%	42,498
Civil Defense	5,756	-	5,756	0%	-
COVID-19	-	1,968	(1,968)		-
Total Public Safety	7,896,783	617,913	7,272,135	8%	731,203
Public Works:					
Administration	417,742	46,017	371,725	11%	55,148
Streets & Alleys	1,880,342	67,414	1,812,928	4%	123,018
Snow Removal	247,430	87,335	160,095	35%	74,922
Signs	11,381	1,602	9,779	14%	-
Municipal Services/Building	235,081	13,504	221,577	6%	15,664
Parks Maintenance	1,218,315	56,471	1,161,844	5%	93,224
ISD #112 Grounds Maintenance	37,205	-	37,205	0%	-
Tree Control	40,720	3,305	37,415	8%	-
Total Public Works	4,088,216	275,648	3,812,568	7%	361,976
Parks & Recreation:					
Administration	541,424	37,133	504,291	7%	61,324
Youth Recreation	182,178	12,462	169,716	7%	18,740
Adult Recreation	97,619	3,697	93,922	4%	11,184
All Ages	-	3,283	(3,283)		-
Senior Programs	-	-	-		-
Beach/Firemen's Park	121,664	1,339	120,325	1%	5,415
Hockey & Skating Rinks	11,670	-	11,670	0%	2,301
Total Parks & Recreation	954,555	57,914	896,641	6%	98,964
Unallocated	466,623	(531)	467,154	0%	(1,688)
Debt Service	3,400	570	2,830		-
TOTAL EXPENDITURES	19,472,676	1,468,186	17,997,755	8%	1,816,213
OTHER FINANCING SOURCES (USES):					
Transfers In	4,327,000	308,570	(4,018,430)	7%	303,090
Transfers Out	635,000	-	(635,000)		-
NET TRANSFERS	4,962,000	308,570	(4,653,430)		303,090
NET CHANGE IN FUND BALANCES	$ 1,270,000	$ (986,998)	$ (2,263,733)		$ (1,386,928)

* Tax settlements are received from Carver County in July and December.

MOUNT PLEASANT MAINTENANCE FUND
REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES
BUDGET, ACTUAL AND PRIOR YEAR TO DATE
FOR THE PERIODS ENDING 1/31/2021 AND 1/31/2020

	2021 BUDGET	ACTUAL AS OF 1/31/2021	VARIANCE POSITIVE (NEGATIVE)	PERCENT OF BUDGET RECEIVED/ EXPENDED	PRIOR YEAR YTD ACTUAL 1/31/2020
REVENUES:					
Property Taxes *	$ 6,000		$ (6,000)	0%	$ -
Charges For Services/Lot Sales	2,400		(2,400)	0%	1,000
Investment Earnings	300		(300)	0%	-
TOTAL REVENUES	8,700	-	(8,700)	0%	1,000
EXPENDITURES:					
Current:					
Public Works:					
Professional Services And Charges	8,500	-	8,500	0%	75
Capital Outlay	5,000	-	5,000	0%	-
TOTAL EXPENDITURES	13,500	-	13,500	0%	75
NET CHANGE IN FUND BALANCES	$ (4,800)	$ -	$ 4,800		$ 925

* Tax settlements are received from Carver County in July and December.

ECONOMIC DEVELOPMENT AUTHORITY (EDA) FUND
REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES
BUDGET, ACTUAL, AND PRIOR YEAR TO DATE
FOR THE PERIODS ENDING 1/31/21 AND 1/31/20

	2021 BUDGET	ACTUAL AS OF 1/31/2021	VARIANCE POSITIVE (NEGATIVE)	PERCENT OF BUDGET RECEIVED/ EXPENDED	PRIOR YEAR YTD ACTUAL 1/31/2020
REVENUES:					
Property Taxes *	$ 171,598	$ -	$ (171,598)	0%	$ -
Intergovernmental	-	-	-	0%	270,000
Charges For Services	167,435	-	(167,435)	0%	-
Special Assessments	40,000	-	(40,000)	0%	-
Investment Earnings (Charges)	(5,400)	-	5,400	0%	-
Leases/Rent	32,200	2,623	(29,577)	8%	2,546
TOTAL REVENUES	405,833	2,623	(403,210)	1%	272,546
EXPENDITURES:					
Current:					
Administration:					
Professional Services	23,172	12	23,160	0%	11
Other Charges and Special Events	35,347	-	35,347	0%	-
Remit Grant Revenue **	11,603	-	11,603		-
Administrative Fees	258,530	-	258,530	0%	-
Economic Development Projects/Programs:					
Professional Services	41,303	14,582	26,721	35%	4,442
Other Charges and Special Events	19,479	-	19,479	0%	-
Debt Service:					
Principal - Promissory Note	13,499	1,111	12,388	8%	1,058
Interest - Promissory Note	2,900	289	2,611	10%	342
TOTAL EXPENDITURES	405,833	15,994	389,839	4%	5,853
EXCESS (DEFICIENCY) OF REVENUES OVER (UNDER) EXPENDITURES	-	(13,371)	(13,371)		266,693
NET CHANGE IN FUND BALANCES	$ -	$ (13,371)	$ (13,371)		$ 266,693

* Tax settlements are received from Carver County in July and December.

EQUIPMENT ACQUISITION FUND
REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES
BUDGET, ACTUAL AND PRIOR YEAR TO DATE
FOR THE PERIODS ENDING 1/31/2021 AND 1/31/2020

	2021 BUDGET	ACTUAL AS OF 1/31/2021	VARIANCE POSITIVE (NEGATIVE)	PERCENT OF BUDGET RECEIVED/ EXPENDED	PRIOR YEAR YTD AS OF 1/31/2020
REVENUES:					
Property Taxes *	$ 3,233,159	$ -	$ (3,233,159)	0%	$ -
Charges For Services	4,000	-	(4,000)	0%	-
Interest Earnings	-	8	8		1,505
Leases (tower)	96,000	45,113	(50,887)	47%	17,556
TOTAL REVENUES	3,333,159	45,121	(3,288,038)	1%	19,061
EXPENDITURES:					
Current:					
General Government	10,000	-	10,000		-
Debt Service:					
Issuance Costs & Fiscal Agent Fees	50,000	-	50,000		-
Capital Outlay:					
Furniture And Equipment					
Communications	10,000	-	10,000	0%	-
Admin. Services-Finance	13,000	-	13,000	0%	-
Admin. Services-Information Services	63,000	25,007	37,993	40%	2,362
Police	82,000	-	82,000	0%	-
Fire	80,000	-	80,000	0%	-
Public Works	167,000	144	166,856	0%	1,474
TOTAL EXPENDITURES	475,000	25,151	449,849	5%	3,836
OTHER FINANCING SOURCES (USES):					
Transfers In	28,000	-	(28,000)	0%	-
Transfers Out	(3,865,932)	-	3,865,932	0%	-
Bonds Issued	170,000	-	(170,000)	0%	-
TOTAL OTHER FINANCING SOURCES (USES)	(3,667,932)	-	3,667,932		-
NET CHANGE IN FUND BALANCES	$ (809,773)	$ 19,970	$ 829,743		$ 15,225

* Tax settlements are received from Carver County in July and December.

ELECTRIC FUND

REVENUES, EXPENSES AND CHANGES IN NET POSITION
BUDGET, AMENDED BUDGET, ACTUAL AND PRIOR YEAR TO DATE
FOR THE PERIODS ENDING 1/31/2021 AND 1/31/2020

	2021 BUDGET	ACTUAL AS OF 1/31/2021	VARIANCE POSITIVE (NEGATIVE)	PERCENT OF BUDGET RECEIVED / EXPENDED	PRIOR YEAR YTD AS OF 1/31/2020
OPERATING REVENUES:					
Residential Sales	$ 9,209,000	$ 776,870	$ (8,432,130)	8%	$ 744,936
Senior Sales	544,000	48,869	(495,131)	9%	48,502
Commercial Sales	1,160,000	105,397	(1,054,603)	9%	110,831
Industrial Sales	27,032,000	2,333,738	(24,698,262)	9%	2,148,065
Intradepartmental	980,000	77,362	(902,638)	8%	86,646
Other Sales	1,775,000	145,069	(1,629,931)	8%	145,867
TOTAL OPERATING REVENUES	40,700,000	3,487,305	(37,212,695)	9%	3,284,847
OPERATING EXPENSES:					
Purchased Power	25,901,000	2,283,986	23,617,014	9%	2,144,969
Distribution:					
Personnel Services	1,877,202	132,490	1,744,712	7%	196,536
Supplies, Services & Other Charges	533,074	67,170	465,904	13%	30,849
Administration:					
Personnel Services	383,798	15,355	368,443	4%	21,792
Supplies, Services & Other Charges	2,966,510	82,757	2,883,753	3%	52,711
Utility Billing:					
Personnel Services	260,361	19,725	240,636	8%	26,766
Supplies, Services & Other Charges	338,347	19,715	318,632	6%	22,337
Conservation Programs	669,919	65,548	604,371	10%	34,407
Capital Outlay	663,000	206,211	456,789	31%	166,409
TOTAL OPERATING EXPENSES	33,593,211	2,892,957	30,700,254	9%	2,696,776
OPERATING INCOME	7,106,789	594,348	(6,512,441)		588,071
NON-OPERATING REVENUES:					
Investment Earnings	16,500	53	(16,447)	0%	2,133
Intergovernmental	-	-	-		-
Gain on Disposal of Capital Assets	-	-	-		-
TOTAL NON-OPERATING REVENUES	16,500	53	(16,447)		2,133
NON-OPERATING EXPENSES:					
Debt Service - Principal	502,977	2,160,000	(1,657,023)	429%	-
Debt Service - Principal (Contra Account)	-	(2,160,000)	2,160,000		-
Debt Service - Interest	327,387	22,657	304,730	7%	-
Debt Service - Agent Fees	450	850	(400)		-
TOTAL NON-OPERATING EXPENSES	830,814	23,507	807,307	3%	-
INCOME (LOSS) BEFORE CONTRIBUTIONS AND TRANSFERS	6,292,475	570,894	(5,721,581)		590,204
CAPITAL CONTRIBUTIONS	-	-	-		128,235
TRANSFERS IN (OUT):					
Transfers (Out)	(6,292,000)	(308,570)	5,983,430		(303,090)
CHANGE IN NET POSITION	$ 475	$ 262,324	$ 261,849		$ 415,349

WATER FUND
REVENUES, EXPENSES AND CHANGES IN NET POSITION
BUDGET, AMENDED BUDGET, ACTUAL AND PRIOR YEAR TO DATE
FOR THE PERIOD ENDED 1/31/2021 AND 1/31/2020

	2021 BUDGET	ACTUAL AS OF 1/31/2021	VARIANCE POSITIVE (NEGATIVE)	PERCENT OF BUDGET RECEIVED/ EXPENDED	PRIOR YEAR YTD AS OF 1/31/2020
OPERATING REVENUES:					
Residential Sales	$ 1,358,000	$ 76,140	$ (1,281,860)	6%	$ 79,510
Commercial Sales	1,043,000	51,622	(991,378)	5%	53,542
Industrial Sales	518,000	30,304	(487,696)	6%	21,104
Other Sales	459,040	40,514	(418,526)	9%	32,573
TOTAL OPERATING REVENUES	3,378,040	198,580	(3,179,460)	6%	186,729
OPERATING EXPENSES:					
Pumping	511,970	13,031	498,939	3%	28,814
Treatment	322,742	18,615	304,127	6%	20,061
Distribution:					
Personnel Services	498,160	36,475	461,685	7%	54,635
Supplies, Services & Other Charges	362,437	30,919	331,518	9%	5,766
Administration :					
Personnel Services	125,732	9,459	116,273	8%	12,947
Supplies, Services & Other Charges	645,538	2,500	643,038	0%	1,353
Utility Billing:					
Personnel Services	130,182	9,863	120,319	8%	13,383
Supplies, Services & Other Charges	66,824	5,238	61,586	8%	5,330
Capital Outlay	40,500	52	40,448	0%	-
TOTAL OPERATING EXPENSES	2,704,085	126,152	2,577,933	5%	142,289
OPERATING INCOME	673,955	72,428	(601,527)	11%	44,440
NON-OPERATING REVENUES:					
Investment Earnings	16,200	-	(16,200)	0%	108
Intergovernmental	-	-	-		-
Lease - Bountiful Basket	30,600	2,552	(28,048)	8%	2,508
Insurance Claims	-	1,910	1,910		17,750
TOTAL NON-OPERATING REVENUES	46,800	4,462	(42,338)	10%	20,366
NON-OPERATING EXPENSES:					
Debt Service - Principal	699,214	95,439	603,775	14%	40,000
Debt Service - Principal (Contra Account)	-	(95,439)	95,439		(40,000)
Debt Service - Interest	331,258	28,205	303,053	9%	15,540
Issuance Costs & Fiscal Agent Fees	-	60	(60)		60
Old Water Treatment Plant/Bountiful Basket	1,900	135	1,765		805
TOTAL NON-OPERATING EXPENSES	1,032,372	28,400	1,003,972	3%	16,405
INCOME (LOSS) BEFORE CONTRIBUTIONS AND TRANSFERS	(311,617)	48,490	360,107		48,401
TRANSFERS IN (OUT):					
Transfers In	506,000	-	(506,000)		-
Transfers (Out)	(117,000)	-	117,000		-
NET TRANSFERS IN (OUT)	389,000	-	(389,000)		-
CHANGE IN NET POSITION	$ 77,383	$ 48,490	$ (28,893)		$ 48,401

SEWER FUND

REVENUES, EXPENSES AND CHANGES IN NET POSITION
BUDGET, AMENDED BUDGET, ACTUAL AND PRIOR YEAR TO DATE
FOR THE PERIODS ENDING 1/31/2021 AND 1/31/2020

	2021 BUDGET	ACTUAL AS OF 1/31/2021	VARIANCE POSITIVE (NEGATIVE)	PERCENT OF BUDGET RECEIVED/ EXPENDED	PRIOR YEAR YTD AS OF 1/31/2020
OPERATING REVENUES:					
Residential Sales	$ 1,657,900	$ 136,327	$ (1,521,573)	8%	$ 134,355
Commercial Sales	1,130,000	88,984	(1,041,016)	8%	89,489
Industrial Sales	1,114,500	92,847	(1,021,653)	8%	89,178
Other Sales	792,350	83,666	(708,684)	11%	69,540
TOTAL OPERATING REVENUE	4,694,750	401,824	(4,292,926)	9%	382,562
OPERATING EXPENSES:					
Pumping	25,829	1,755	24,074	7%	765
Treatment	2,713,317	452,219	2,261,098	17%	445,923
Collection:					
Personnel Services	498,160	36,625	461,535	7%	54,043
Supplies, Services & Other Charges	199,387	3,584	195,803	2%	5,156
Administration:					
Personnel Services	125,730	9,460	116,270	8%	12,947
Supplies, Services & Other Charges	631,368	2,730	628,638	0%	3,211
Utility Billing:					
Personnel Services	130,182	9,863	120,319	8%	13,383
Supplies, Services & Other Charges	62,220	5,237	56,983	8%	5,330
Capital Outlay	17,500	-	17,500	0%	-
TOTAL OPERATING EXPENSES	4,403,693	521,473	3,882,220	12%	540,758
OPERATING INCOME	291,057	(119,649)	(410,706)		(158,196)
NON-OPERATING REVENUES:					
Investment Earnings	6,700	1	(6,699)	0%	167
Intergovernmental	-	-	-		-
TOTAL NON-OPERATING REVENUES	6,700	1	(6,699)	0%	167
NON-OPERATING EXPENSES:					
Debt Service - Principal	139,214	203,561	(64,347)	146%	125,000
Debt Service - Principal (Contra Account)	-	(203,561)	203,561		(125,000)
Debt Service - Interest	76,899	54,487	22,412	71%	37,677
Issuance Costs & Fiscal Agent Fees	-	265	(265)		265
TOTAL NON-OPERATING EXPENSES	216,113	54,752	161,361		37,942
INCOME (LOSS) BEFORE TRANSFERS	81,644	(174,400)	(256,044)		(195,971)
TRANSFERS IN (OUT):					
Transfers (Out)	(177,000)	-	177,000		-
CHANGE IN NET POSITION	$ (95,356)	$ (174,400)	$ (79,044)		$ (195,971)

CHASKA COMMUNITY CENTER FUND
REVENUES, EXPENSES AND CHANGES IN NET POSITION
BUDGET, AMENDED BUDGET, ACTUAL AND PRIOR YEAR TO DATE
FOR THE PERIODS ENDING 1/31/2021 AND 1/31/2020

	2021 ORIGINAL BUDGET	2021 AMENDED BUDGET	ACTUAL AS OF 1/31/2021	VARIANCE POSITIVE (NEGATIVE)	PERCENT OF BUDGET RECEIVED/ EXPENDED	PRIOR YEAR YTD AS OF 1/31/2020
OPERATING REVENUES:						
Admissions	$ 433,200	$ 304,664	$ 3,805	$ (300,859)	1%	$ 39,432
Memberships	1,354,292	710,720	62,323	(648,397)	9%	102,144
Rentals	1,126,648	995,973	71,708	(924,265)	7%	123,135
Charges for Services/Lessons	543,960	312,243	6,134	(306,109)	2%	46,376
Other Revenue	163,720	91,510	673	(90,837)	1%	16,867
TOTAL OPERATING REVENUE	$ 3,621,820	$ 2,415,110	$ 144,643	$ (2,270,467)	6%	$ 327,954
OPERATING EXPENSES:						
Personnel Services	2,164,659	1,956,291	132,757	1,823,534	7%	275,206
Operating Supplies	229,326	229,326	11,068	218,258	5%	30,666
Professional Services	801,931	801,931	52,128	749,803	7%	74,180
Other Charges	211,934	211,934	6,785	205,149	3%	25,489
Capital Outly	175,000	175,000	170,120	4,880	97%	-
TOTAL OPERATING EXPENSES	3,582,850	3,374,482	372,858	3,001,624	11%	405,541
OPERATING INCOME	38,970	(959,372)	(228,215)	731,157		(77,587)
NON-OPERATING REVENUES:						
Intergovernmental Revenue	-	-	4,250	4,250		-
Investment Earnings (Charges)	(11,900)	(11,900)	1	11,901	0%	48
TOTAL NON-OPERATING REVENUES	(11,900)	(11,900)	4,251	16,151	-36%	48
NON-OPERATING EXPENSES:						
Debt Service - Principal	355,000	355,000	-	355,000	0%	-
Debt Service - Interest	146,320	146,320	299	146,021	0%	556
Issuance Costs & Fiscal Agent Fees	2,750	2,750	1,700	1,050	62%	1,700
TOTAL NON-OPERATING EXPENSES	504,070	504,070	1,999	502,071	0%	2,256
INCOME (LOSS) BEFORE TRANSFERS	(477,000)	(1,475,342)	(225,963)	1,249,379		(79,795)
TRANSFERS IN (OUT):						
Transfers In	477,000	477,000	-	(477,000)		-
CHANGE IN NET POSITION	$ -	$ (998,342)	$ (225,963)	$ 772,379		$ (79,795)

CHASKA PAR 30 FUND
REVENUES, EXPENSES AND CHANGES IN NET POSITION
BUDGET, ACTUAL, AND PRIOR YEAR TO DATE
FOR THE PERIOD ENDED 1/31/21 AND 1/31/20

	2021 BUDGET	ACTUAL AS OF 1/31/2021	VARIANCE POSITIVE (NEGATIVE)	PRIOR YEAR YTD AS OF 1/31/2020
OPERATING REVENUES:				
Green Fees	$ -	$ -	$ -	$ -
Cart Rental	-	-	-	-
Merchandise & Other Sales	-	-	-	-
TOTAL OPERATING REVENUES	-	-	-	-
OPERATING EXPENSES:				
Golf - Maintenance Dept:				
Personnel Services	-	-	-	7,437
Supplies, Services & Other Charges	-	636	(636)	398
Golf - Club House:				
Personnel Services	-	-	-	-
Supplies, Services & Other Charges	-	40	(40)	5,208
Merchandise for Resale	-	-	-	-
Capital Outlay - Learning Links	-	95,915	(95,915)	25,670
TOTAL OPERATING EXPENSES	-	96,591	(96,591)	38,713
OPERATING INCOME	-	(96,591)	(96,591)	(38,713)
CHANGE IN NET POSITION	$ -	$ (96,591)	$ (96,591)	$ (38,713)

Par 30 closed fall 2020 for construction of Learning Links

CHASKA TOWN COURSE FUND
REVENUES, EXPENSES AND CHANGES IN NET POSITION
BUDGET, ACTUAL, AND PRIOR YEAR TO DATE
FOR THE PERIOD ENDED 1/31/21 AND 1/31/20

	2021 BUDGET	ACTUAL AS OF 1/31/2021	VARIANCE POSITIVE (NEGATIVE)	PERCENT OF BUDGET RECEIVED/ EXPENDED	PRIOR YEAR YTD AS OF 1/31/2020
OPERATING REVENUES:					
Green Fees	$ 1,464,000	$ -	$ (1,464,000)	0%	$ -
Driving Range	125,000	-	(125,000)	0%	-
Cart Rental	356,000	-	(356,000)	0%	-
Merchandise	250,000	1,338	(248,662)	1%	2,718
Other Sales	139,000	-	(139,000)	0%	6,160
TOTAL OPERATING REVENUE	$ 2,334,000	$ 1,338	$ (2,332,662)	0%	$ 8,878
OPERATING EXPENSES:					
Golf - Maintenance Dept:					
Personnel Services	577,122	36,669	540,453	6%	51,035
Supplies, Services & Other Charges	283,179	11,040	272,139	4%	10,110
Golf - Club House:					
Personnel Services	534,894	27,706	507,188	5%	36,876
Supplies, Services & Other Charges	333,654	9,056	324,598	3%	7,556
Merchandise for Resale	174,284	(1,193)	175,477	-1%	(5,165)
Capital Outlay	135,500	-	135,500	0%	555
TOTAL OPERATING EXPENSES	2,038,633	83,278	1,955,355	4%	100,967
OPERATING INCOME	295,367	(81,940)	(377,307)		(92,089)
NON-OPERATING REVENUES:					
Investment Earnings (Charges)	(3,300)	-	3,300		-
TOTAL NON-OPERATING REVENUES	(3,300)	-	3,300		-
NON-OPERATING EXPENSES:					
Debt Service - Principal	121,400	-	121,400	0%	-
Debt Service - Interest	30,600	-	30,600	0%	-
TOTAL NON-OPERATING EXPENSES	152,000	-	152,000	0%	-
INCOME (LOSS) BEFORE TRANSFERS	140,067	(81,940)	(222,007)		(92,089)
CHANGE IN NET POSITION	$ 140,067	$ (81,940)	$ (222,007)		$ (92,089)

TURBINE GENERATOR FUND
REVENUES, EXPENSES AND CHANGES IN NET POSITION
BUDGET, ACTUAL, AND PRIOR YEAR TO DATE
FOR THE PERIOD ENDED 1/31/21 AND 1/31/20

	2021 BUDGET	ACTUAL AS OF 1/31/2021	VARIANCE POSITIVE (NEGATIVE)	PERCENT OF BUDGET RECEIVED/ EXPENDED	PRIOR YEAR YTD AS OF 1/31/2020
OPERATING REVENUES:					
Lease Revenue	$ 2,486,184	$ -	$ (2,486,184)	0%	$ -
OPERATING EXPENSES:					
Professional Services	105,000	-	105,000	0%	-
Other Charges	229,445	(57,361)	286,806	-25%	(56,586)
TOTAL OPERATING EXPENSES	334,445	(57,361)	391,806	-17%	(56,586)
OPERATING INCOME	2,151,739	57,361	(2,094,378)		56,586
NON-OPERATING REVENUES:					
Investment Earnings	-	11	11		(3,463)
Interfund Loan Payments	104,219	-	(104,219)	0%	-
TOTAL NON-OPERATING REVENUES	104,219	11	(104,208)	0%	(3,463)
NON-OPERATING EXPENSES:					
Debt Service - Principal	1,275,000	-	1,275,000	0%	-
Debt Service - Principal (Contra Account)	-	-	-		-
Debt Service - Interest	801,250	-	801,250	0%	-
Issuance Costs & Fiscal Agent Fees	4,500	-	4,500	0%	-
TOTAL NON-OPERATING EXPENSES	2,080,750	-	2,080,750	0%	-
CHANGE IN NET POSITION	$ 175,208	$ 57,372	$ (117,836)		$ 53,123

STORM WATER FUND
REVENUES, EXPENSES AND CHANGES IN NET POSITION
BUDGET, ACTUAL, AND PRIOR YEAR TO DATE
FOR THE PERIODS ENDING 1/31/21 AND 1/31/20

	2021 BUDGET	ACTUAL AS OF 1/31/2021	VARIANCE POSITIVE (NEGATIVE)	PERCENT OF BUDGET RECEIVED/ EXPENDED	PRIOR YEAR YTD AS OF 1/31/2020
OPERATING REVENUES:					
Residential Sales	$ 1,043,000	$ 176,923	$ (866,077)	17%	$ 168,541
Industrial Sales	788,000	131,323	(656,677)	17%	126,572
All Other Receipts	14,385	-	(14,385)	0%	398
TOTAL OPERATING REVENUE	1,845,385	308,246	(1,537,139)	17%	295,511
OPERATING EXPENSES:					
Collections:					
Personnel Services	366,900	1,956	364,944	1%	2,261
Supplies, Services & Other Charges	348,482	1,022	347,460	0%	33,178
Administration:					
Personnel Services	131,336	10,384	120,952	8%	13,655
Supplies, Services & Other Charges	389,871	651	389,220	0%	656
Utility Billing:					
Supplies, Services & Other Charges	63,500	4,983	58,517	8%	4,969
Depreciation	30,000	-	30,000	0%	-
Capital Outlay	217,500	-	217,500	0%	36,589
TOTAL OPERATING EXPENSES	1,547,589	18,996	1,528,593	1%	91,308
OPERATING INCOME	297,796	289,250	(8,546)		204,203
NON-OPERATING REVENUES:					
Investment Earnings (Charges)	6,500	1	(6,499)	0%	(926)
Intergovernmental	-	-	-		-
TOTAL NON-OPERATING REVENUES	6,500	1	(6,499)		(926)
NON-OPERATING EXPENSES:					
Debt Service - Principal	137,333	115,999	21,334	84%	80,000
Debt Service - Principal (Contra Account)	-	(115,999)	115,999		(80,000)
Debt Service - Interest	55,456	34,143	21,313	62%	1,792
Issuance Costs & Fiscal Agent Fees	-	175	(175)		175
TOTAL NON-OPERATING EXPENSES	192,789	34,318	158,471	18%	1,967
INCOME (LOSS) BEFORE TRANSFERS	111,507	254,933	143,426		201,310
TRANSFERS IN (OUT):					
Transfers In	204,603	-	(204,603)	0%	-
Transfers (Out)	(246,000)	-	246,000	0%	-
NET TRANSFERS IN (OUT)	(41,397)	-	41,397		-
CHANGE IN NET POSITION	$ 70,110	$ 254,933	$ 184,823		$ 201,310

CHASKA CURLING AND EVENT CENTER FUND
REVENUES, EXPENSES AND CHANGES IN NET POSITION
BUDGET, AMENDED BUDGET, ACTUAL AND PRIOR YEAR TO DATE
FOR THE PERIODS ENDING 1/31/2021 AND 1/31/20

	2021 ORIGINAL BUDGET	2021 AMENDED BUDGET	ACTUAL AS OF 1/31/2021	VARIANCE POSITIVE (NEGATIVE)	PERCENT OF BUDGET RECEIVED/ EXPENDED	PRIOR YEAR YTD ACTUAL 1/31/2020
OPERATING REVENUES:						
Memberships	$ 149,900	$ 135,350	$ 9,494	$ (125,856)	7%	$ 12,576
Rentals	167,007	99,296	247	(99,049)	0%	9,628
Lessons	255,000	131,000	1,869	(129,131)	1%	34,444
Leagues	225,500	180,000	61,940	(118,060)	34%	81,900
Leases	409,000	297,878	8,828	(289,050)	3%	25,612
Other Revenue	52,779	39,484	613	(38,871)	2%	1,812
TOTAL OPERATING REVENUES	1,259,186	883,008	82,991	(800,017)	9%	165,972
OPERATING EXPENSES:						
Administration:						
Personnel Services	363,802	363,802	26,534	337,268	7%	33,719
Supplies, Services & Other Charges	362,024	362,024	14,985	347,039	4%	42,822
Event Center:						
Personnel Services	104,317	103,317	7,134	96,183	7%	10,541
Supplies, Services & Other Charges	13,026	13,026	149	12,877	1%	3,423
Curling Center:						
Personnel Services	241,991	199,641	9,301	190,340	5%	29,927
Supplies, Services & Other Charges	93,616	93,616	1,934	91,682	2%	26,904
Crooked Pint	58,525	58,525	1,702	56,823	3%	3,511
Capital Outlay	5,000	5,000	-	5,000		-
TOTAL OPERATING EXPENSES	1,242,301	1,198,951	61,739	1,137,212	5%	150,847
OPERATING INCOME	16,885	(315,943)	21,252	337,195		15,125
NON-OPERATING REVENUES:						
Investment Earnings (Charges)	(12,154)	(12,154)	7	12,161		184
TOTAL NON-OPERATING REVENUES	(12,154)	(12,154)	7	12,161		184
NON-OPERATING EXPENSES:						
Debt Service-Principal	1,025,000	1,025,000	1,025,000	-	100%	1,000,000
Debt Service-Principal (Contra Account)	-	-	(1,025,000)	1,025,000		(1,000,000)
Debt Service-Interest	559,501	559,501	230,122	329,379	41%	40,419
Issuance Costs & Fiscal Agent Fees	1,600	1,600	1,600	-	100%	1,600
TOTAL NON-OPERATING EXPENSES	1,586,101	1,586,101	231,722	1,354,379	15%	42,019
INCOME (LOSS) BEFORE TRANSFERS	(1,581,370)	(1,914,198)	(210,463)	1,703,735		(26,710)
TRANSFERS IN (OUT):						
Transfers In	1,586,101	1,586,101	-	(1,586,101)	0%	1,244,114
CHANGE IN NET POSITION	$ 4,731	$ (328,097)	$ (210,463)	$ 117,634		$ 1,217,404