

**AGENDA
PLANNING COMMISSION
CITY OF WYOMING, MINNESOTA
SEPTEMBER 13, 2022
7:00 PM**

CALL TO ORDER:

CALL OF ROLL:

DETERMINATION OF A QUORUM:

PLEDGE OF ALLEGIANCE:

OPEN FORUM:

An opportunity for members of the public to address the Planning Commission on items not on the current Agenda. Items requiring Planning Commission action may be deferred to staff for research and future Planning Commission Agendas if appropriate. You will be limited to two (2) minutes and we ask that you conduct yourself in a professional, courteous manner, and refrain from the use of profanity. Failure to abide by this policy may result in the loss of your privilege to speak.

APPROVAL OF MINUTES:

1. Consider approving the minutes of the “Regular Meeting” of the Wyoming, Minnesota Planning Commission for August 23, 2022.

SCHEDULED PUBLIC HEARINGS:

NEW BUSINESS:

2. Site Plan Review: Sp-21-003 – Sunrise Fiberglass Location: 5175 260th Street Applicant & Owner: Patrick Fenton Property ID Number: 21.000468.34
3. Wyoming city council request to review Architectural Standards within the city Zoning Code

OLD BUSINESS:

4. Comprehensive Plan Update - Set date for Public Hearing

COMMUNICATIONS:

5. Hwy 8 Strategic Framework Open House

UPDATES:

ADJOURN

UPCOMING:

**UNAPPROVED MINUTES
PLANNING COMMISSION
CITY OF WYOMING, MINNESOTA
AUGUST 23, 2022
7:00PM**

CALL TO ORDER:

Planning Commission Chairman Lobermeier called the Regular Meeting of the Wyoming Planning Commission for August 23, 2022 to order at 7:00 PM

CALL OF ROLL:

On a Call of the Roll the following members of the Wyoming Planning Commission were present: Mark Lobermeier, Michael Naumann, Katie West, Roger Carr, and Dan Iverson

ABSENT: None

Also Present: Fred Weck Zoning Administrator and Council Liaison Brett Ohnstad

DETERMINATION OF A QUORUM:

PLEDGE OF ALLEGIANCE:

OPEN FORUM: NONE

APPROVAL OF MINUTES:

1. Consider approving the minutes of the "Regular Meeting" of the Wyoming, Minnesota Planning Commission for August 9, 2022

A MOTION WAS MADE BY COMMISSIONER WEST, SECONDED BY COMMISSIONER CARR, TO APPROVE THE MINUTES OF THE "REGULAR MEETING" OF THE WYOMING, MINNESOTA PLANNING COMMISSION FOR AUGUST 9, 2022, AS SUBMITTED.

<i>Voting Aye:</i>	<i>West, Carr, Naumann, Iverson, and Lobermeier</i>
<i>Voting Nay:</i>	<i>None</i>
<i>Abstain:</i>	<i>None</i>
<i>Absent:</i>	<i>None</i>

SCHEDULED PUBLIC HEARINGS: NONE

NEW BUSINESS

2. Elect Planning Commission Vice-Chair

MOTION BY COMMISSIONER CARR, SECONDED BY COMMISSIONER NAUMANN, TO APPOINT COMMISSIONER WEST TO SERVE AS VICE-CHAIR.

<i>Voting Aye:</i>	<i>West, Carr, Naumann, Iverson, and Lobermeier</i>
<i>Voting Nay:</i>	<i>None</i>
<i>Abstain:</i>	<i>None</i>
<i>Absent:</i>	<i>None</i>

3. Sketch Plan D-22-010 – Newman

Location: 5759 250th Street; Southeast Corner of 250th Street and Fondant Avenue

Applicant/Owner: Kelly Newman

Property ID Number: 21.11125.38

Chair Lobermeier noted that this had inadvertently been labeled as the 'southwest' corner of 250th Street in the original paperwork.

Kelly Newman gave a brief overview of his plans for the property to subdivide this parcel into two in order to create another lot for future residential development.

Zoning Administrator Weck gave an overview of the staff report and noted that when the lot was originally platted there was 190 feet along 250th Street and at that time they only needed 175 feet to create a lot. He explained that around 1998, the County changed the requirements to 200 feet of frontage in order to make it easier to subdivide the rural lots. He explained that when the City and Township merged, they kept that same dimension which means the minimum lot width is 200 feet and the minimum lot depth is also 200 feet. He noted that Mr. Newman's lot is 190 feet, which is not deep enough, so a variance would be needed for both lots.

Chair Lobermeier confirmed that as originally platted, the lot had met all the requirements.

Zoning Administrator Weck stated that was correct and noted that the soil borings that he had seen look good for the area that they set aside, but noted that they will need to be able to show that they have 1 acre of buildable land. He explained that the National Wetland Inventory also shows a wetland area on the southeast corner of the property which may impact the 1 acre buildable area for the two lots. He stated that other than these issues, everything looks acceptable.

Chair Lobermeier stated that in addition to the variance for lot width it will also require a rezoning.

Zoning Administrator Weck stated that was correct and explained that it was currently zoned R-2 which has a 2 acre minimum lot size and this is proposing to change the zoning to R-1, which would be a 1 acre minimum lot size.

Chair Lobermeier asked if the City had done this same kind of rezoning when there has been a lot split.

Zoning Administrator Weck stated that the City has done it a few times over the last couple of years, but not in this same area.

Chair Lobermeier asked if it was a potential concern that this one parcel would be rezoned to R-1 when the others all around it would still be zoned R-2. He asked if the City should look at this in a broader sense and take a look to see if there are other areas that should get rezoned at some point.

Zoning Administrator Weck stated that it would be in compliance with the City's Comprehensive Plan. He stated that whether the City would want to rezoning the others would be done at the property owner's request.

Chair Lobermeier explained to Mr. Newman what his next steps would be if he decided to pursue this proposal and suggested that he get in touch with Zoning Administrator Weck if he had questions.

Commissioner Iverson asked if zoning one lot like this was unusual.

Zoning Administrator Weck stated that it isn't unusual and explained that what could become an issue, which is what he thinks Chair Lobermeier had been alluding to, is when it becomes 'spot

zoning'. He stated that in this case it works into the Comprehensive Plan and fits into the area, so it would not be considered spot zoning.

OLD BUSINESS: NONE

COMMUNICATIONS: NONE

UPDATES:

Zoning Administrator Weck noted that the City Council had approved the CUP and Site Plan Review for the Dairy Queen, but there was still a question of what has approved for the exterior materials so they will be discussing that at the next meeting.

Chair Lobermeier suggested that the Planning Commission a conversation about building materials because it is an ever-evolving issue. He stated that perhaps there would be time to start those discussions in the 4th quarter. He reminded the Commission that Tuesday, August 30, 2022 there will be an All Boards meeting at 6:00 p.m.

A MOTION WAS MADE BY COMMISSIONER WEST, SECONDED BY COMMISSIONER NAUMANN, TO ADJOURN THE AUGUST 23, 2022 "REGULAR MEETING" OF THE WYOMING, MINNESOTA PLANNING COMMISSION AT 7:30 PM.

<i>Voting Aye:</i>	<i>West, Carr, Naumann, Iverson, and Lobermeier</i>
<i>Voting Nay:</i>	<i>None</i>
<i>Abstain:</i>	<i>None</i>
<i>Absent:</i>	<i>None</i>

**CITY OF WYOMING
PLANNING AND ZONING**

TO:	Planning Commission
DATE:	9/13/2022
FROM:	Kim Lindquist, City Planner Fred Weck
RE:	Site Plan Review,
APPLICANT:	Sunrise Fiberglass Patrick Fenton
PROPERTY:	R.21. 00468.34
FILE NO.:	SP-22-002

OVERVIEW

Sunrise Fiberglass (“Applicant”) has requested a site plan review to construct a new 5,000 square foot cold storage building on their property at 575 260th Street. The parcel currently abuts Highway 35 to the west, 260th street to the north, and Fallbrook Avenue N to the east. The property is developed with a commercial building utilized for fiberglass part and component manufacturing and contains a parking area on the north end. The site is zoned as I-Industrial District.

The applicant’s proposal is to build an accessory cold storage building on the southeast portion of the parcel. The proposed building will be accessed from a gravel surface that extends from the existing parking area; there will not be any direct street access. To construct the new gravel surface area, removal of a portion of the existing gravel driveway area is proposed. In addition to the storage building and access construction, the applicant has proposed site grading, and construction of a rain garden along the south side of the proposed building to meet stormwater management requirements.

In addition, plans illustrating site grading, storm sewer and erosion control are provided. Given the property location, the plan must meet I-Industrial District and accessory building standards.

STAFF RECOMMENDATION

Based on review of the request and the standards for approval, staff is recommending approval of the site plan for the proposed Sunrise Fiberglass storage building at 575 260th Street subject to the following conditions:

1. All required local, state and/or federal permitting must be obtained.
2. The Applicant shall revise the building elevations to comply with the ordinance exterior materials requirements Sec. 40 – 451 (2) and Sec. 40 – 451 (7), including altering plans to not include any prohibited materials.
3. The Applicant shall submit a lighting plan that complies with all standards in ordinance lighting requirements Article VII, Division 15 if any light fixtures are proposed, including turning off site lighting, except for security lighting one (1) hour after closing.

4. The Applicant shall provide major shift employee numbers to ensure that the required off-street parking space requirement Sec. 40 - 682 is met. If after final calculations are made the property is deficient of parking stalls, the applicant will be required to bring the site into compliance with the parking ordinance regulations.
5. The Applicant shall provide current parking stall dimensions located on site to ensure that off-street parking space requirements contained in Article VII, Division 23 are met.
6. The Applicant shall submit a landscaping plan illustrating all current and future landscaping on the property to confirm compliance with screening standards Sec. 40 – 711 and Sec. 40 – 723.
7. The Applicant address all engineering comments provided to the applicant.

STAFF REVIEW

Site Plan Review

The subject property is zoned I-Industrial District and guided as Light Industry and General Business in the City of Wyoming's Comprehensive Plan. The northern part of the property is currently utilized as a manufacturing building. The zoning and surrounding uses are as follows:

North – I-Industrial and C-Commercial; general mix of light industry and commercial.

South – OHC-Office and Health Care, R1 – Rural Residential 1; Fairview Lakes Medical Center and low-density housing.

East – I-Industrial and R3-Single Family Residential; mid-density housing and industrial uses.

West – Interstate 35, R3 – Single Family Residential, R4 – 1 and 2 Family Residential; mixed-density housing.

The applicant is proposing that a portion of the southern half of the lot will serve as a newly constructed cold storage building. This structure is defined as an accessory building and must meet accessory building standards. A cold storage building is a permitted accessory use in the Industrial District as a use incidental to the principal light industrial use. This parcel is not located within either the Shoreland or Floodplain districts and does not contain any wetlands. The following table summarizes the regulations associated with the site, noting the Industrial District requirement standards for accessory buildings:

Zoning District	<u>I- Industrial District</u>	<u>Proposed</u>
Lot Width	100 feet	394 feet (existing condition)
Lot Size	20,000 sq. ft. (~.46 acres) (minimum)	362,934 sq. ft. (8.33 acres) (existing condition)
Front Yard Setback	25 feet from the right of way	>650 feet
Side Yard Setback (west)	3 feet (accessory structure)	298 feet
Side Yard Setback (east)	3 feet (accessory structure)	12.6 feet
Rear Yard Setback	3 feet (accessory structure)	218.5 feet
Building Height	25 feet (one story) maximum	20 feet
Impervious Surface	75% (maximum)	~26%
Total Lot Coverage	30% of the buildable area (maximum)	~26%

Architecture

The proposed one-story storage building is industrial in character with a pitched roof. The building footprint is 50'x100' with 5,000 square feet of storage space. The building will not be served by any plumbing or electric service.

Property developing in the Industrial District must adhere to the architectural standards and exterior materials contained in Division 5 Architectural Standards, Section 40-451(2). As part of these standards, industrial structures must be composed of at least sixty-five percent (65%) Class I materials; and not more than thirty-five percent (35%) percent Class II or Class III materials. The building elevations provided indicate that metal panels will be used exclusively for both the walls and roof of the building. Therefore, the building will not comply with ordinance standards. In addition, formed metal panels with exposed fasteners, which are the proposed building materials, are a prohibited exterior building material. A recommended condition of approval requires modification to the building elevations to comply with the ordinance exterior materials standards.

Landscaping

City standards do not require any specific landscaping requirements for industrial uses in an industrial zoning district. However, there are screening standards that must be met by industrial uses in all districts. In any parking area containing more than four spaces which

adjoins a public street, the parking shall be screened with a hedge of two feet in height and four feet on center. At present some vegetation is planted along the front property line, adjacent to the northern parking. While not consistent with the existing parking lot screening standards it is a reasonable screen. Rather, staff would recommend installaitn of a few trees along the western border of the site, adjacent to Interstate 35. The applicant also should provide detail about the plantings associated with the proposed raingarden. If there is any additional exterior storage of goods or materials associated with the project, additional screening material is required.

Screening standards also require a fully enclosed gate surrounding any trash storage facility. The proposed site plan does not show any trash storage facilities.

No additional tree removal is proposed to occur.

Roads, Traffic, and Access

The proposed development would create no new public access points. An existing gravel surface will be removed and replaced with a new surface that extends to the proposed building and provide access.

Drainage/Natural Resource/Wetlands

Based on the proposed disturbance area being less than an acre, a NPDES permit is not required. The site is outside of Comfort Lake Forest Lake Watershed District so a CLFLWD permit is not required. There is no floodplain in the area, so no floodplain permitting is required. Since the increase in impervious for the site is under a half-acre the site is proposing to meet all stormwater management requirements through the use of a rain garden on site. The proposed grading work is designed to both facilitate access to the building and route stormwater to the rain garden.

Utilities

While city services are accessible for this site, they are not proposed as the storage building will have no plumbing or electricity. If any future utilities are proposed, a corresponding utility plan would need to be submitted by the applicant.

Parking

The proposed development plan for the accessory building contains no additional parking spaces. The current parking area, that serves the principal building, contains 90 total parking spaces. The parking standard for manufacturing use is 1 stall for each employee on the major shift or 1 stall for each 400 sq. ft. of space, whichever is greater. At this time the applicant has not provided necessary information to calculate the parking requirements for the site. This issue is addressed in the recommended conditions of approval.

The provided site plan does not include parking spaces measurements illustrating that they have the required 9 feet of stall width and that they meet the stall depth and minimum aisle width requirements based on the specific angle of each parking spot. A recommended condition of approval is submission of both major shift employee numbers and current parking stall dimensions to ensure the property meets all off-street parking requirements.

Lighting

As part of the site plan review, the applicant must illustrate adherence to all ordinance performance standards including lighting standards if additional lighting is being proposed as part of the accessory structure plans. Lighting standards require that any development cannot have a light intensity that exceeds 1 foot candle on the right-of-way line of a public street or a residential property. Also, light fixtures may not be taller than 25 ft, to limit potential spillover lighting on public streets. Lighting location performance standards state that light fixtures must be setback a minimum of 10 ft from a street right-of-way and 5 ft from interior and rear lot lines. Furthermore, any light fixtures mounted on a building may not exceed the height of the building. A recommended condition of approval requires submittal of a lighting plan that meets these ordinance regulations if additional lighting is proposed.

Site Plan Review Standards

In accordance with Sec. 40 – 86, the following criteria shall be met during the site plan review application process:

- (1) Consistency with the various elements and objectives of the City’s long-range plans, including, but not limited to, the Comprehensive Plan;
- (2) Consistency with the purposes of this Code;
- (3) Preservation of the site in its natural state, insofar as practicable, by minimizing tree and soil removal, and designing any grade changes so as to be in keeping with the general appearance of neighboring developed or developing areas;
- (4) Creation of a harmonious relationship of buildings and open spaces with the terrain and with existing and future buildings having a visual relationship to the proposed development;
- (5) Creation of a functional and harmonious design for structures and site features including;
 - (a) Creation of an internal sense of order for the various functions and buildings on the site and provision of a desirable environment for occupants, visitors and the general community;
 - (b) Appropriateness of the amount and arrangement of open space and landscaping to the design and function of the development;
 - (c) Appropriateness of the materials, textures, colors and details of construction as an expression the design concept of the project and the compatibility of the same with the adjacent and neighboring structures and functions; and
 - (d) Adequacy of vehicular, cycling and pedestrian circulation, including walkways, interior drives and parking, in terms of location and number of access points to the public streets, width of interior drives and access points, general interior circulation, separation of pedestrian, cycling and vehicular traffic and arrangement and amount of parking so as to be safe, convenient and, insofar as practicable, compatible with the design of proposed buildings, structures and neighboring properties.
- (6) Creation of an energy-conserving design through design, location, orientation and elevation of structures, the use and location of glass in structures, and the use of landscape materials and site grading; and

(7) Protection of adjacent and neighboring properties through reasonable provisions for such matters as surface water drainage, sound and sight buffers, preservation of views, light and air, and those aspects of design, not adequately covered by other regulations, which may have substantial effects on neighboring land uses.

These standards are met.

Next Steps

The City Council will review the Planning Commission's site plan review at the next regularly scheduled meeting.

SUNRISE FIBERGLASS COLD STORAGE BUILDING

WYOMING, MN



PROJECT LOCATION
SUNRISE FIBERGLASS

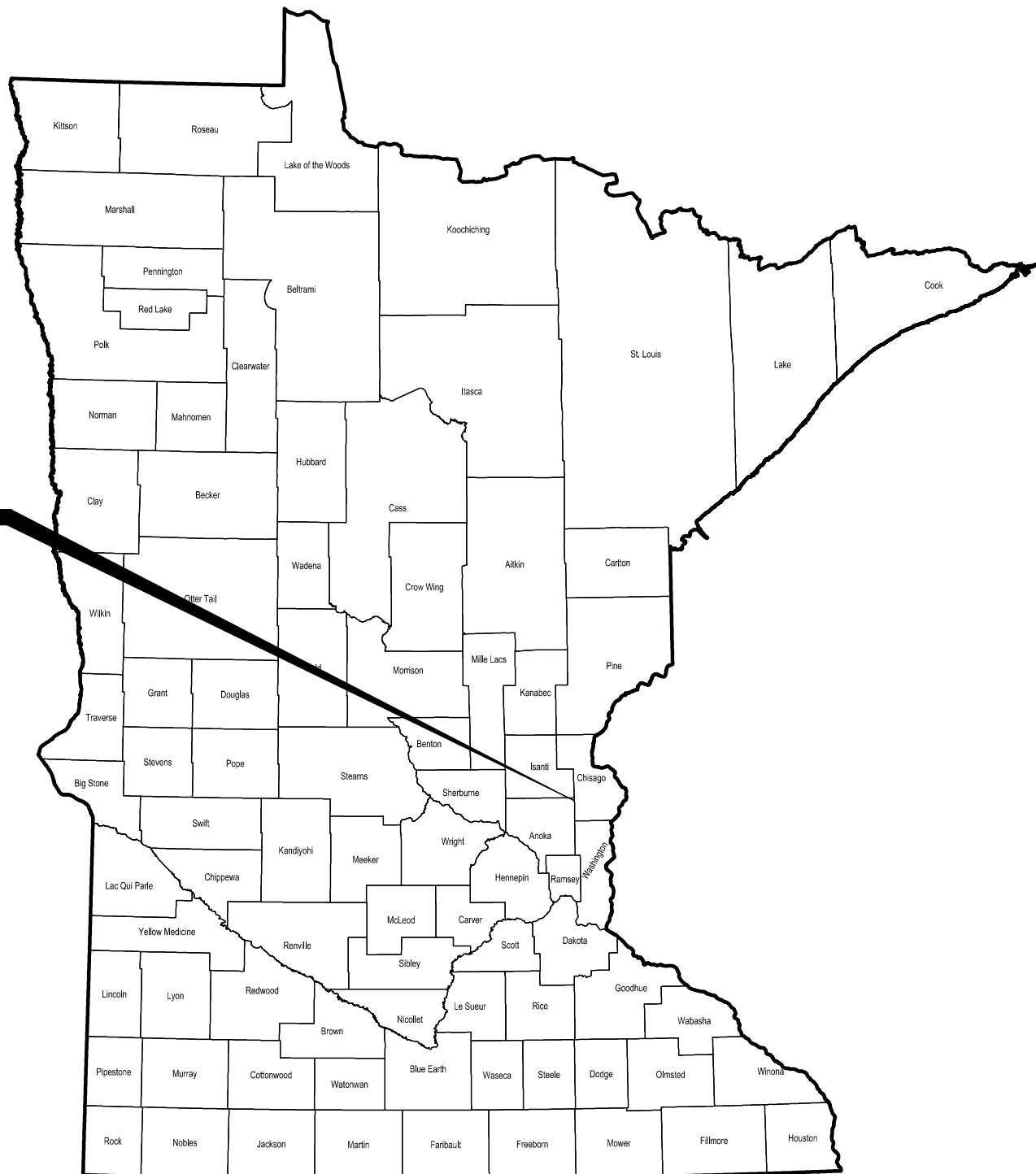
PROJECT LOCATION
CITY OF WYOMING

Include on plans:
- disturbance area
- existing impervious
- proposed impervious

DRAWING INDEX	
SHEET NUMBER	SHEET TITLE
C1.0	TITLE SHEET
C2.0	CIVIL LEGEND
C3.0	DETAILS
C4.0	EXISTING CONDITIONS & REMOVAL PLAN
C5.0	SITE PLAN
C6.0	GRADING AND DRAINAGE PLAN
C7.0	TURF ESTABLISHMENT AND EROSION CONTROL PLAN

GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND 2020 EDITION OF THE "MATERIALS LAB SUPPLEMENTAL SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.



WIDSETH

ARCHITECTS • ENGINEERS • SCIENTISTS • SURVEYORS

MINNESOTA PROFESSIONAL ENGINEER
I hereby certify that I am a duly licensed engineer under the laws of the state of Minnesota.
Frank E. Brodeen
DATE: 8/11/2022 LIC. NO. 27780

DATE: AUGUST 2022
SCALE: AS SHOWN
DRAWN BY: FEB
CHECKED BY: TMM
JOB NUMBER: 2022-11088

SUNRISE FIBERGLASS COLD STORAGE BUILDING

WYOMING, MN

TITLE SHEET

SHEET NO. C1.0

SHEET 1 OF 7

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Page 12 of 134

SURVEY MONUMENTS

	BENCH MARK
	FOUND CIM
	FOUND CPNT.
	FOUND JLM
	FOUND LATH
	FOUND PIPE
	FOUND READING
	STAKED CIM
	STAKED CPNT.
	STAKED JLM
	STAKED PIPE

EXISTING TOPO SYMBOLS

	AC UNIT
	FENCE POST
	FLAG POLE
	GUARD POST
	GUY ANCHOR
	GUY POLE
	HANDICAP SYMBOL
	MAILBOX
	SHRUB
	SIGN DOUBLE POST
	SIGN SINGLE POST
	TREE CONIFER
	TREE DECIDUOUS
	TREE STUMP
	TV DISH
	WETLAND SYMBOL
	YARD LIGHT

EXISTING UTILITY MUNICIPAL SYMBOLS

	APRON
	LIFT STATION
	SANITARY CLEANOUT
	SANITARY MANHOLE
	STORM CATCH BASIN
	STORM INLET

EXISTING UTILITY MUNICIPAL SYMBOLS (cont.)

	STORM MANHOLE
	WATER CURB STOP
	WATER HANDHOLE
	WATER HYDRANT
	WATER MANHOLE
	WATER METER
	WATER VALVE
	WATER WELL
	UTILITY SIZE & TYPE

EXISTING UTILITY PRIVATE SYMBOLS

	ELEC GROUND LIGHT
	ELEC HANDHOLE
	ELEC LIGHT POLE
	ELEC MANHOLE
	ELEC METER
	ELEC PEDESTAL
	ELEC POLE
	ELEC SIGNAL
	ELEC TRANSFORMER BOX
	GAS METER
	GAS VALVE
	LP TANK
	TELE HANDHOLE
	TELE MANHOLE
	TELE PEDESTAL
	TELE POLE
	TV HANDHOLE
	TV PEDESTAL

SOIL BORING SYMBOLS

	LASER-INDUCED FLUORESCENCE BORING
	LYSIMETER
	MONITOR WELL
	PERC TEST
	PIEZOMETER
	RECOVERY WELL
	SOIL BORING
	SOIL VAPOR POINT
	VAPOR SURVEY POINT

PROPOSED UTILITY MUNICIPAL SYMBOLS

	APRON PROPOSED
	SANITARY CLEANOUT PROPOSED
	SANITARY LIFT STATION PROPOSED
	SANITARY LIFT STATION VALVE MANHOLE PROPOSED
	SANITARY MANHOLE PROPOSED
	SANITARY PLUG PROPOSED
	STORM CATCH BASIN PROPOSED
	STORM MANHOLE PROPOSED
	WATER 11 1/4° BEND PROPOSED
	WATER 22 1/2° BEND PROPOSED
	WATER 45° BEND PROPOSED
	WATER 90° BEND PROPOSED
	WATER CAP PROPOSED
	WATER CROSS PROPOSED
	WATER CURB STOP PROPOSED
	WATER HYDRANT PROPOSED
	WATER REDUCER PROPOSED
	WATER SLEEVE PROPOSED
	WATER TEE PROPOSED
	WATER VALVE PROPOSED

PROPOSED UTILITY PRIVATE SYMBOLS

	ELEC LIGHT POLE PROPOSED
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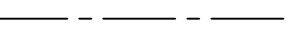
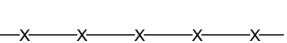
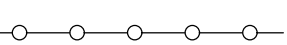
EROSION CONTROL SYMBOLS

	SURFACE DRAINAGE ARROW
	STORM DRAIN INLET PROTECTION

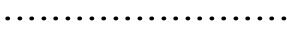
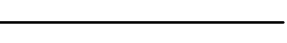
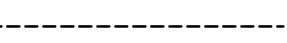
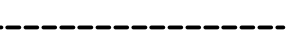
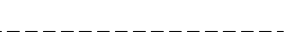
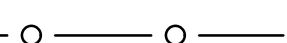
TRAFFIC CONTROL DEVICES & SYMBOLS

	TRAFFIC CONTROL SIGN (1 POST)
	TRAFFIC CONTROL SIGN (2 POST)
	TYPE III BARRICADE
	DRUM CHANNELIZER
	FLASHING ARROW OR MESSAGE BOARD

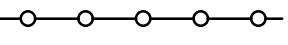
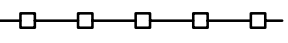
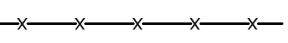
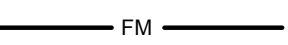
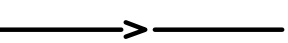
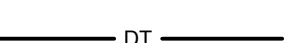
EXISTING TOPOGRAPHIC LINES

	CENTER LINE
	EDGE OF WOODS
	FENCE BARB WIRE
	FENCE CHAIN LINK
	FENCE WOOD
	FORCEMAIN
	OVERHEAD CABLE TV
	OVERHEAD ELECTRIC
	OVERHEAD TELE
	RAILROAD
	RETAINING WALL
	SANITARY SEWER
	SANITARY SEWER SERVICE
	STORM SEWER
	STORM SEWER DRAIN TILE
	UNDERGROUND CABLE TV
	UNDERGROUND ELECTRIC
	UNDERGROUND FIBER OPTIC
	UNDERGROUND GAS
	UNDERGROUND TELE
	WATERMAIN
	WATERMAIN SERVICE
	WETLAND EDGE

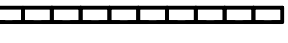
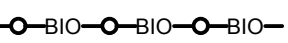
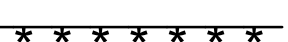
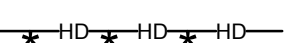
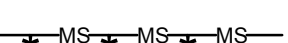
R/W, LOT & EASEMENTS LINES

	BUILDING SETBACK LINE
	LOT LINE PROPOSED
	EASEMENT LINE
	EASEMENT LINE PROPOSED
	LOT LINE
	MNDOT CONTROLLED ACCESS LINE
	RIGHT OF WAY EXISTING
	RIGHT OF WAY PROPOSED

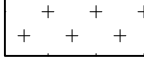
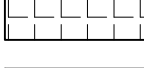
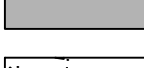
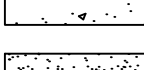
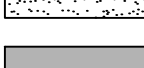
PROPOSED CONSTRUCTION LINES

	FENCE CHAIN LINK PROPOSED
	FENCE WOOD PROPOSED
	FENCE BARB WIRE PROPOSED
	FORCEMAIN PROPOSED
	SANITARY SEWER PROPOSED
	SANITARY SERVICE PROPOSED
	STORM SEWER PROPOSED
	STORM SEWER DRAIN TILE PROPOSED
	WATERMAIN PROPOSED
	WATERMAIN SERVICE PROPOSED

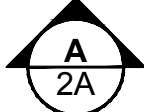
EROSION CONTROL LINES

	BALE CHECK
	BIO ROLL
	SILT FENCE
	SILT FENCE TYPE HEAVY DUTY
	SILT FENCE TYPE MACHINE SLICED
	SILT FENCE TYPE PREASSEMBLED
	FLOTATION SILT CURTAIN

HATCH PATTERN AND SHADING LEGEND

	RANDOM RIPRAP
	SOD
	SEED
	HYDRAULIC STABILIZER
	EROSION CONTROL BLANKET
	TEMP. ROCK CONSTRUCTION ENTRANCE
	BUILDING WALL HATCH
	BITUMINOUS SURFACE
	CONCRETE SURFACE
	GRAVEL SURFACE
	EASEMENT PATTERN

DOCUMENTATION SYMBOLS

	SECTION ARROW - SECTION NUMBER TOP; PAGE OF SECTION BOTTOM
---	--

WIDSETH

ARCHITECTS ■ ENGINEERS ■ SCIENTISTS ■ SURVEYORS

DATE: AUGUST 2022
SCALE: AS SHOWN
DRAWN BY: FEB
CHECKED BY: TMM
JOB NUMBER: 2022-11088

SUNRISE FIBERGLASS COLD STORAGE BUILDING

WYOMING, MN

CIVIL LEGEND

SHEET NO.
C2.0

SHEET 2 OF 7

WHERE ONLY THIS SPECIFICATION OR RECORD
HEREIN REFERS TO THE NATIONAL BOARD OF
SURVEYING AND MAPPING ENGINEERS
THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE
STATE OF MINNESOTA.



DATE: 8/11/2022 LIC. NO. 57780
FRANK E. BRODEEN

BY

REVISIONS

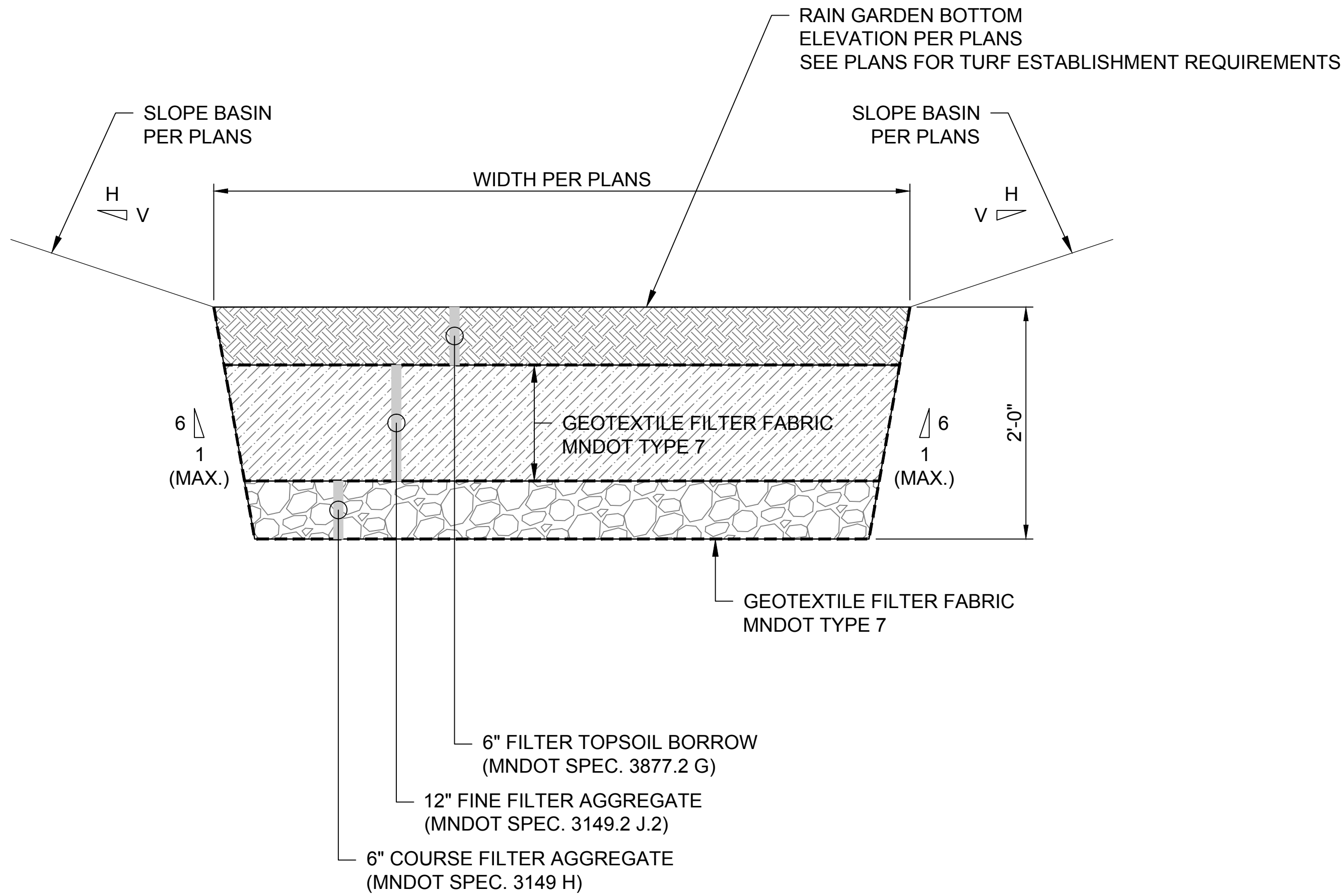
DESCRIPTION

DATE

REVIEW

J:\FDG Capital-47251\2022-11088\CADD\Civil\C-CIVIL-LEGEND-2022-11088.dwg Plotted by:Frank Brodeen 8/11/2022 2:07:24 PM © 2022 WIDSETH SMITH NOLTING & ASSOCIATES, INC.

Page 13 of 134



RAIN GARDEN SECTION DETAIL
SCALE: NONE

I HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT IN THE STATE OF MINNESOTA AND THAT I AM A FULLY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
Frank E. Brodeen
FRANK E. BRODEEN DATE: 8/11/2022 LIC. NO. 57780

DATE	REVISION DESCRIPTION	BY
AUGUST 2022		
AS SHOWN		
FEB		
THH		
CHECKED BY:		
JOB NUMBER:	2022-11088	

SUNRISE FIBERGLASS COLD STORAGE BUILDING
WYOMING, MN
DETAILS

GENERAL CONSTRUCTION NOTES:

THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY OWNER OF ANY DIFFERENCES BETWEEN THE FIELD AND PLAN.

UNLESS OTHERWISE NOTED, ALL MATERIALS, CONSTRUCTION TECHNIQUES AND TESTING SHALL CONFORM TO THE 2020 EDITION OF THE "STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION, WATERMAIN AND SERVICE LINE INSTALLATION AND SANITARY SEWER AND STORM SEWER INSTALLATION" AS PUBLISHED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA AND THE "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AS PUBLISHED BY THE MINNESOTA DEPARTMENT OF TRANSPORTATION, 2020 EDITION. THE CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS AS OUTLINED BY THE LOCAL AGENCY.

THE CONTRACTOR SHALL RECEIVE THE NECESSARY PERMISSION/PERMITS FOR ALL WORK LOCATED OUTSIDE OF THE MUNICIPAL RIGHT-OF-WAY AND PROPERTY LIMITS.

INTERSTATE 35

E. MNDOT R.O.W LINE

$\Delta=7^{\circ}41'39"$ R=5829.54 L=782.84

N0°26'15"E 204.48

BILLBOARDW/ELEC

LARGE CON SIGN

SUNRISE FIBERGLASS
MAIN BUILDING

197.6

GRAVEL SURFACE

APRON

15" CMP CULVERT

REMOVE EXISTING
GRAVEL SURFACE

BLOCK

HALLBERG'S WYOMING
INDUSTRIAL PARK

3

EXISTING
BUILDING

Note building
elevation

GENERAL SAFTEY
EQUIPMENT CORP.

PID NO. 21.00468.33

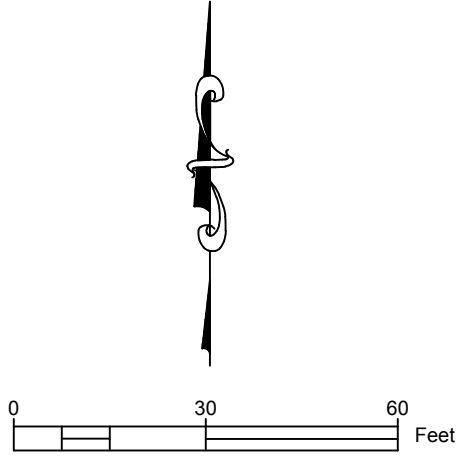
1.56

14.56

15.16

43.60

S89°24'21"W 365.65



SITE REMOVAL NOTES:

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA"

THE CONTRACTOR SHALL LOCATE ALL UTILITIES VIA A GOPHER STATE ONE CALL.

THE CONTRACTOR SHALL LOCATE PRIVATE UTILITIES, COORDINATING WITH THE OWNER.

THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL MEASURES BEFORE DISTURBING THE SITE.

CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, CONCRETE PAVEMENT, BITUMINOUS PAVEMENT, BUILDINGS, LIGHT POLES & BASES, ETC. NOT NOTED FOR DEMOLITION & REMOVAL DURING REMOVALS. ANY DAMAGED STRUCTURES TO REMAIN SHALL BE REPAIRED OR REPLACED AT NO COST TO THE OWNER.

ALL MATERIALS IDENTIFIED FOR REMOVAL SHALL BE DISPOSED OFF SITE IN ACCORDANCE WITH STATE AND LOCAL LAWS.

SUNRISE FIBERGLASS COLD STORAGE BUILDING

WYOMING, MN

EXISTING CONDITIONS AND REMOVAL PLAN

WIDSETH
ARCHITECTS ■ ENGINEERS ■ SCIENTISTS ■ SURVEYORS

WIDSETH & ASSOCIATES, INC. I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
FRANK E. BRODEEN DATE: 8/11/2022 LIC. NO. 57780

DATE	REVISION DESCRIPTION	BY

DATE:	AUGUST 2022
SCALE:	AS SHOWN
DRAWN BY:	FEB
CHECKED BY:	TMA
JOB NUMBER:	2022-11088

SHEET NO.	C4.0
SHEET	4 OF 7

INTERSTATE 35

BILLBOARDW/ELEC

SUNRISE FIBERGLASS
MAIN BUILDING

PROPOSED
GRAVEL
SURFACE

50' x 100' COLD
STORAGE
BUILDING
(BY OTHERS)
FFE = 912.00

PROPOSED RAIN GARDEN
BTM = 909.0
HWL = 910.2

EXISTING
BUILDING

Verify building floor surface
-Concrete apron desired for
vehicles entering and exiting?

The City requires 2
feet of freeboard
between the high
water level and the
low floor elevation.

Turn off linework for portion of
existing gravel drive removed with
project on Site and Grading Plans

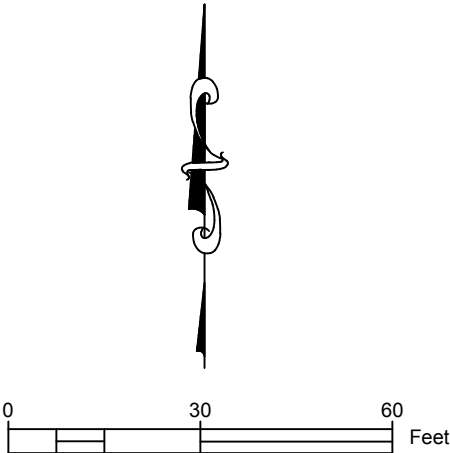
SITE PLAN NOTES:

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D.
THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-2,
ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING
SUBSURFACE UTILITY DATA"

CONTRACTOR SHALL CALL GOPHER STATE ONE CALL PRIOR TO BEGINNING REMOVALS.

THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION
AND NOTIFY OWNER AND ENGINEER OF ANY DIFFERENCES BETWEEN THE FIELD AND THE PLAN.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL AND
SHALL BE IN COMPLIANCE WITH THE MINNESOTA UNIFORM TRAFFIC CONTROL DEVICES MANUAL AND
TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS FIELD MANUAL. THE TRAFFIC CONTROL SHALL BE
APPROVED BY THE CITY PRIOR TO INSTALLATION.



SUNRISE FIBERGLASS COLD STORAGE BUILDING

WYOMING, MN

SITE PLAN

SHEET NO.
C5.0

SHEET 5 of 7

BY: [Signature]
DATE: 8/11/2022
LUG NO. 2780

REVISIONS DESCRIPTION
DATE
BY

DATE: AUGUST 2022
SCALE: AS SHOWN
DRAWN BY: TMH
CHECKED BY:
JOB NUMBER: 2022-11088

WIDSETH
ARCHITECTS • ENGINEERS • SCIENTISTS • SURVEYORS

GENERAL CONSTRUCTION NOTES:

THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY OWNER OF ANY DIFFERENCES BETWEEN THE FIELD AND PLAN.

UNLESS OTHERWISE NOTED, ALL MATERIALS, CONSTRUCTION TECHNIQUES AND TESTING SHALL CONFORM TO THE 2013 EDITION OF THE "STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION, WATERMAIN AND SERVICE LINE INSTALLATION AND SANITARY SEWER AND STORM SEWER INSTALLATION" AS PUBLISHED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA AND THE "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AS PUBLISHED BY THE MINNESOTA DEPARTMENT OF TRANSPORTATION, 2020 EDITION. THE CONTRACTOR SHALL REQUIRE ALL PROCEDURES AS OUTLINED BY THE LOCAL AGENCY.

THE CONTRACTOR SHALL RECEIVE THE NECESSARY PERMISSION/PERMITS FOR ALL WORK LOCATED OUTSIDE OF THE MUNICIPAL RIGHT-OF-WAY AND PROPERTY LIMITS.

THE CONTRACTOR SHALL VERIFY ALL EXISTING LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION.

GRADING PLAN NOTES:

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CIASCE 38-2, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA"

ALL CONSTRUCTION SHALL CONFORM TO LOCAL, STATE, AND FEDERAL REGULATIONS INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPPDES) PERMIT REQUIREMENTS.

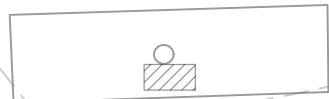
HAULING HOURS MUST BE CONFIRMED WITH THE CITY PRIOR TO BEGINNING WORK.

ALL SLOPES SHALL BE GRADED TO 3:1 OR FLATTER, UNLESS OTHERWISE NOTED ON THE PLANS.

SEE DETAILS FOR RAIN GARDEN TYPICAL SECTION

INTERSTATE 35

BILLBOARD W/ELEC



MAINTAIN
EXISTING
BERM

TOP OF BERM = 911.0
3' WIDTH

50' x 100' COLD
STORAGE
BUILDING
(BY OTHERS)
FFE = 912.00

EOF = 910.0
4 WIDTH
PLACE CL II RIP RAP

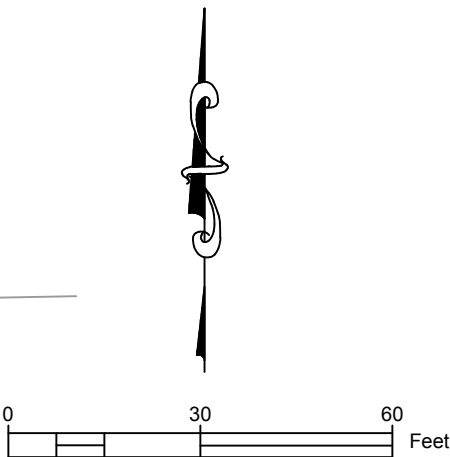
Stormwater Management Comments
- Include print outs of the HydroCAD node reports (subcatchments, ponding nodes, links) for 2- and 10-year events in addition to the summary pages.

Provide EOF across driveway
- EOF overflows to building drain (~904)?
- Where does building drain discharge to?

Provide existing FES invert elevations

Note bottom contour elevation

Turn off linework for portion of
existing gravel drive removed with
project on Site and Grading Plans



GENERAL CONSTRUCTION NOTES:

THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY OWNER OF ANY DIFFERENCES BETWEEN THE FIELD AND PLAN.

UNLESS OTHERWISE NOTED, ALL MATERIALS, CONSTRUCTION TECHNIQUES AND TESTING SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AS PUBLISHED BY THE MINNESOTA DEPARTMENT OF TRANSPORTATION, 2020 EDITION. THE CONTRACTOR SHALL REQUIRE ALL PROCEDURES AS OUTLINED BY THE LOCAL AGENCY.

THE CONTRACTOR SHALL RECEIVE THE NECESSARY PERMISSION/PERMITS FOR ALL WORK LOCATED OUTSIDE OF THE MUNICIPAL RIGHT-OF-WAY AND PROPERTY LIMITS.

THE CONTRACTOR SHALL VERIFY ALL EXISTING INVERT LOCATION AND ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION.

LEGEND:

—*MS*MS*MS— SILT-FENCE (MACHINE-SIZED)

—O-BIO-O-BIO-O-BIO— SEDIMENT CONTROL LOG (BIOROLL)

SEED MIXTURE 25-131 @ 220 LBS/ACRE
FERTILIZER TYPE 3 @ 350 LBS/ACRE
HYDRAULIC MULCH @ 2100LBS/ACRE

SEED MIXTURE 33-281 @ 35 LBS/ACRE
FERTILIZER TYPE 3 @ 200 LBS/ACRE
REPP CATEGORY 20

RANDOM RIP RAP CL II

STORM DRAIN INLET PROTECTION

INTERSTATE 35

SUNRISE FIBERGLASS
MAIN BUILDING

50' x 100' COLD
STORAGE
BUILDING
FFE = 912.00

PROPOSED RAIN GARDEN
BTM = 909.0
HWL = 910.2

EXISTING
BUILDING

TURF ESTABLISHMENT AND EROSION CONTROL
PLAN NOTES:

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-2, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA"

ALL CONSTRUCTION SHALL CONFORM TO LOCAL, STATE, AND FEDERAL REGULATIONS INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.

ALL SILT FENCE AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY EXCAVATION/CONSTRUCTION AND SHALL BE MAINTAINED UNTIL VIABLE TURF OR GROUND COVER HAS BEEN ESTABLISHED. MAINTENANCE AND REMOVAL OF SEDIMENT CONTROL DEVICES SHALL BE INCIDENTAL TO THE GRADING CONTRACT

ALL STREETS UTILIZED FOR PROJECT CONSTRUCTION MUST BE CLEANED AT THE END OF EACH DAY. A ROCK ENTRANCE TO THE SITE MUST BE PROVIDED ACCORDING TO THE DETAILS TO REDUCE TRACKING OF SEDIMENT ONTO PUBLIC STREETS. STREET SWEEPING MAY BE NECESSARY AND WILL BE CONSIDERED INCIDENTAL.

ALL EXPOSED SOILS MUST BE STABILIZED WITHIN 14 CALENDAR DAYS OF ROUGH GRADE COMPLETION OR AFTER CONSTRUCTION TERMINATES. ALL STOCKPILES SHALL HAVE ADEQUATE SEDIMENT TRAPPING SYSTEMS INSTALLED AROUND THEM.

ALL AREAS TO BE ESTABLISHED TO GRASS COVER SHALL RECEIVE 4" OF TOPSOIL EXCEPT FOR THE RAIN GARDEN AREA AS SHOWN. SEE DETAILS SHEET FOR RAIN GARDEN TYPICAL SECTION. ALL GRASSED AREAS SHALL BE WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.

PROTECT RAIN GARDEN AREA FROM CONSTRUCTION TRAFFIC DURING CONSTRUCTION. DRAINAGE FLOWS TO RAIN GARDEN SHALL BE DIVERTED TO BEST EXTENT POSSIBLE UNTIL CONTRIBUTING DRAINAGE AREA HAS BEEN ESTABLISHED.

SEE PLAN FOR A COMPLETE LEGEND OF HATCHES AND SYMBOLS USED FOR EROSION CONTROL.

SUNRISE FIBERGLASS COLD STORAGE BUILDING

WYOMING, MN

TURF ESTABLISHMENT AND EROSION CONTROL PLAN

SHEET NO.
C7.0

SHEET 7 OF 7

WIDSETH
ARCHITECTS ■ ENGINEERS ■ SCIENTISTS ■ SURVEYORS

I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR RECORD WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
Frank E. Brodeen
FRANK E. BRODEEN
DATE: 8/11/2022 LIC. NO. 57780

DATE	REVISION DESCRIPTION	BY

DATE:	AUGUST 2022
SCALE:	AS SHOWN
DRAWN BY:	FEB
CHECKED BY:	TMA
JOB NUMBER:	2022-11088



City Of Wyoming
26885 Forest Blvd, PO Box 188
Wyoming, MN 55092
Phone (651) 462-4947
permits@wyomingmn.org

LAND USE APPLICATION: SITE PLAN REVIEW

A site plan review application requests a use permitted in a particular zoning district, but regulated and controlled through conditions placed upon it by the City Council after review by the Planning Commission.

Property Address: Sunrise Fiberglass - 5175 260th Street, Wyoming, MN 55092

Applicant(s): Name(s) Patrick Fenton

Address 1732 Crooks Rd

City Troy

State MI

Zip 48084

Phone Number 248-519-1950

Email pfenton@fdgcapital.com

Owner(s) - If other than Applicant(s):

Name(s) _____

Address _____

City _____

State _____

Zip _____

Phone Number _____

Email _____

Signature of owner(s) RatG

Date 8/15/2022

Legal description of property: HALLBERGS WYO INDUSTRIAL PARK Lot 001 Block 003

Property Identification Number: R.21. 00468.34

Present Zoning: Industrial

Present use of property: Fiberglass part and component manufacturing

Proposed use of property: Fiberglass part and component manufacturing

This application and the following attachments must be submitted to be considered a complete application:

1. A detailed site plan showing the information listed in Section 40 - 82, 1-6 as well as the following:
 - a. The grading and drainage plan must be designed in accordance with Article VII, Division 21 of the Zoning Ordinance and the City of Wyoming Surface Water Resource Guidance Document
 - b. Elevation drawings of all sides of the proposed building to show compliance with the architectural standards of the zoning district the use will be located in
 - c. Landscaping and Screening in accordance with Article VII, Divisions 14 & 26
 - d. Lighting Plan in accordance with Article VII, Division 15
2. A letter explaining the proposed use and how it will be operated
3. Applications for uses described in Article VI, Divisions 7, 18, & 19 and Article VII, Divisions 2, 8, 10, 17-20, and 25 of the Zoning Ordinance must include the information necessary to show compliance with the applicable section of the ordinance
4. Applications for uses that are within the Highway 8 Overlay District or that utilize Highway 8 for access must include the information necessary to show compliance with Article VI, Division 14 of the Zoning Ordinance.
5. The application fee and escrow must be paid at the time of application - The fee is not refundable and the unused portion of the escrow will be returned to the applicant
6. Any other information deemed necessary by the Zoning Administrator or Planning Commission

Signature of applicant(s) RatG

Date 8/15/2022

As the applicant for this request, I agree to reimburse the City for all expenses incurred by the City in employing planning, engineering, legal and other professional consultants in reviewing this application. This may include the replenishment of any escrow funds as required as part of this application. Such costs shall be paid by me, the applicant, regardless of the outcome of the review and prior to commencing any work on the project. Article V, Division 4, Site Plan Review is attached to this application. By signing this application, the applicant acknowledges that it has been read and understood.

A public meeting can be scheduled only after a complete application has been received.

OFFICE USE ONLY

Application # _____

Date Application Received ____/____/____

Date Complete Application Received ____/____/____

60 Days ____/____/____

By: _____

Fee: \$220.00 + Escrow \$1,000.00

Date Paid ____/____/____

Check # _____

Revised 07/28/22

Wyoming

5368 266th Street

PO Box 730

Wyoming MN 55092

651.464.3130

Wyoming@Widseth.com

Widseth.com

Sunrise Fiberglass Cold Storage Building – Project Description

Background

Sunrise Fiberglass is a company located in Wyoming, MN that manufactures fiberglass parts and components. Their facility is located at 5175 260th St, Wyoming, MN 55092.

Project Description

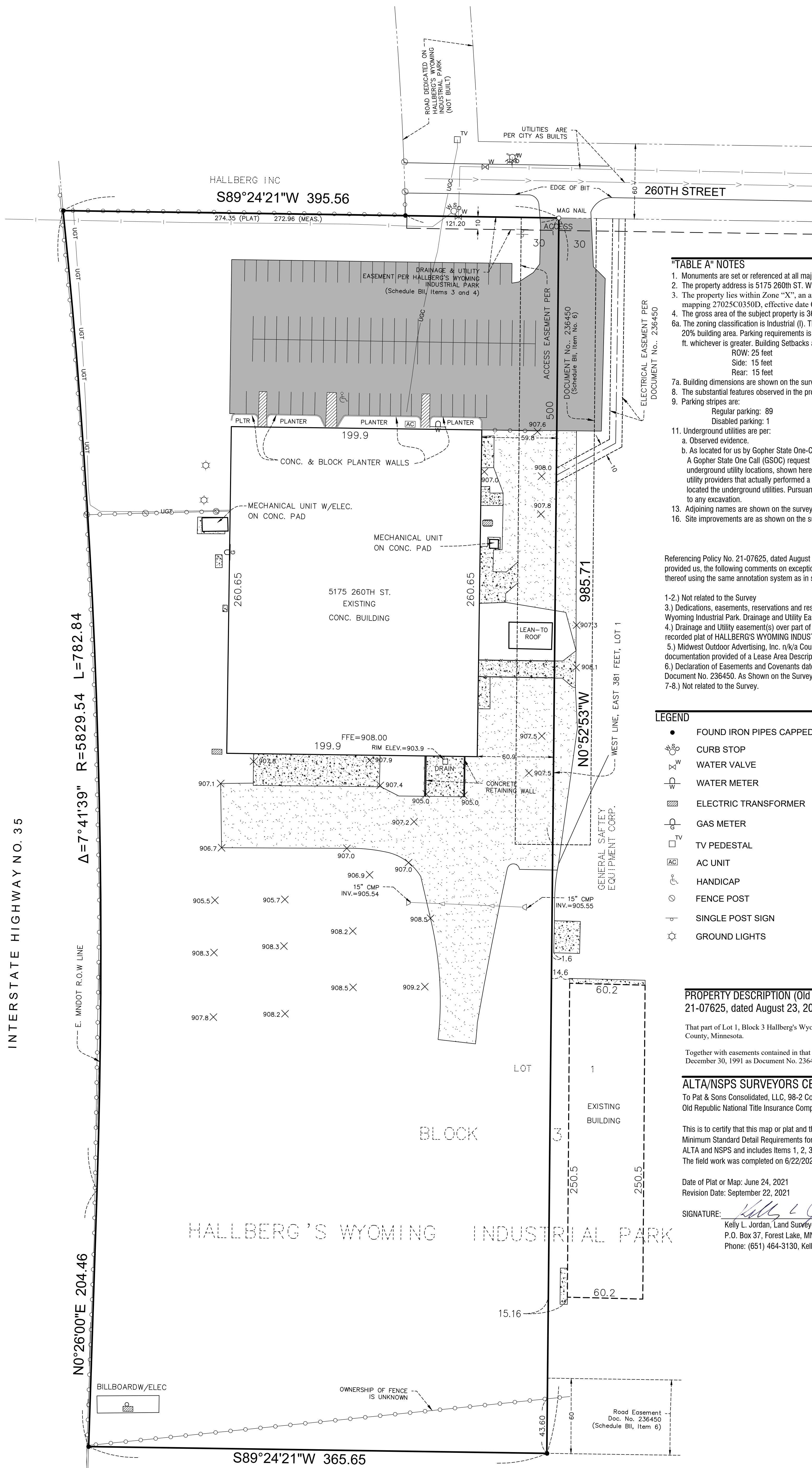
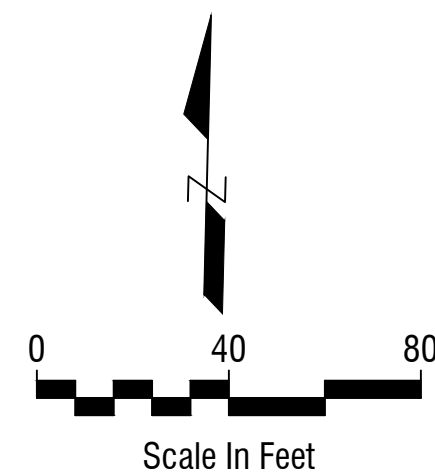
The property owner would like to construct a 50' x 100' cold storage building to expand their storage capabilities. The building is not proposed to have any plumbing or electric service.

The proposed scope of work is generally as follows:

- Site Grading to accommodate the proposed building
- Construction of a rain garden along the south side of the proposed building to meet City of Wyoming Stormwater Management requirements.
- Removal of existing gravel driveway area
- Construction of new gravel driveway for access to building and other site traffic.

Widseth has been contracted by Patrick Fenton (FDG Capital) (property owner representative) to prepare construction plan drawings for the civil site work of the proposed cold storage building. The construction plan drawings are included in the site plan review application for review.

ALTA/NSPS LAND TITLE SURVEY



"TABLE A" NOTES

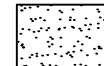
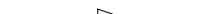
1. Monuments are set or referenced at all major corners of the boundary.
2. The property address is 5175 260th ST, Wyoming, MN 55092 .
3. The property lies within Zone "X", an area determined to have a minimal flood hazard Per FEMA mapping 27025C0350D, effective date 04/17/2012.
4. The gross area of the subject property is 362,934 Sq. Ft. or 8.33 Acres.
- 6a. The zoning classification is Industrial (I). The height and floor space restrictions are 45 feet and no more than 20% building area. Parking requirements is 1 space for each employee on the major shift or 1 space per 400 sq. ft. whichever is greater. Building Setbacks are:
 - ROW: 25 feet
 - Side: 15 feet
 - Rear: 15 feet
- 7a. Building dimensions are shown on the survey.
8. The substantial features observed in the process of conducting the survey are shown on the survey.
9. Parking stripes are:
 - Regular parking: 89
 - Disabled parking: 1
11. Underground utilities are per:
 - a. Observed evidence.
 - b. As located for us by Gopher State One-Call, Ticket No. 1816333491, dated 06/12/2018.

A Gopher State One Call (GSOC) request was placed on 06/12/2018 for utility locates on this site. The underground utility locations, shown hereon, if any, are approximate and are based upon locates from those utility providers that actually performed a locate as a result of this request. The surveyor has not physically located the underground utilities. Pursuant to MS 216.D contact Gopher State One Call at (651-454-0002) prior to any excavation.
13. Adjoining names are shown on the survey.
16. Site improvements are as shown on the survey.

Referencing Policy No. 21-07625, dated August 23, 2021 by Old Republic National Title Insurance Company has provided us, the following comments on exceptions, easements etc., that the property is subject to in Schedule B thereof using the same annotation system as in said Schedule B- part II.

- 1-2.) Not related to the Survey
- 3.) Dedications, easements, reservations and restrictions pertaining to or shown on the recorded plat of Hallberg's Wyoming Industrial Park. Drainage and Utility Easement as shown on Survey.
- 4.) Drainage and Utility easement(s) over part of the Northerly 10 feet of the subject property as shown on the recorded plat of HALLBERG'S WYOMING INDUSTRIAL PARK. As shown on the Survey.
- 5.) Midwest Outdoor Advertising, Inc. n/k/a Courtesy Leasing, Inc. lease dated November 17, 1998. No documentation provided of a Lease Area Description.
- 6.) Declaration of Easements and Covenants dated December 27, 1991, filed of record December 30, 1991 as Document No. 236450. As Shown on the Survey (easterly side of property).
- 7-8.) Not related to the Survey.

LEGEND

- | | | | |
|---|-------------------------------|---|-----------------------|
| ● | FOUND IRON PIPES CAPPED 13590 |  | CONCRETE SURFACE |
|  | CURB STOP |  | BITUMINOUS SURFACE |
|  | WATER VALVE |  | GRAVEL SURFACE |
|  | WATER METER | | |
|  | ELECTRIC TRANSFORMER | | |
|  | GAS METER |  | SANITARY SEWER |
|  | TV PEDESTAL |  | WATERMAIN |
|  | AC UNIT |  | CHAIN LINK FENCE |
|  | HANDICAP |  | STORM SEWER |
|  | FENCE POST |  | UNDERGROUND TELEPHONE |
|  | SINGLE POST SIGN |  | UNDERGROUND CABLE |
|  | GROUND LIGHTS |  | CULVERT APRON |

PROPERTY DESCRIPTION (Old Republic National Title Insurance Company File No. 21-07625, dated August 23, 2021)

That part of Lot 1, Block 3 Hallberg's Wyoming Industrial Park, lying west of the east 381 feet thereof, Chisago County, Minnesota.

Together with easements contained in that certain Declaration of Easements and Covenants filed of record December 30, 1991 as Document No. 236450.

ALTA/NSPS SURVEYORS CERTIFICATION

To Pat & Sons Consolidated, LLC, 98-2 Consolidated, LLC, P & L MN-Sunrise, LLC, First State Bank of Wyoming, Old Republic National Title Insurance Company:

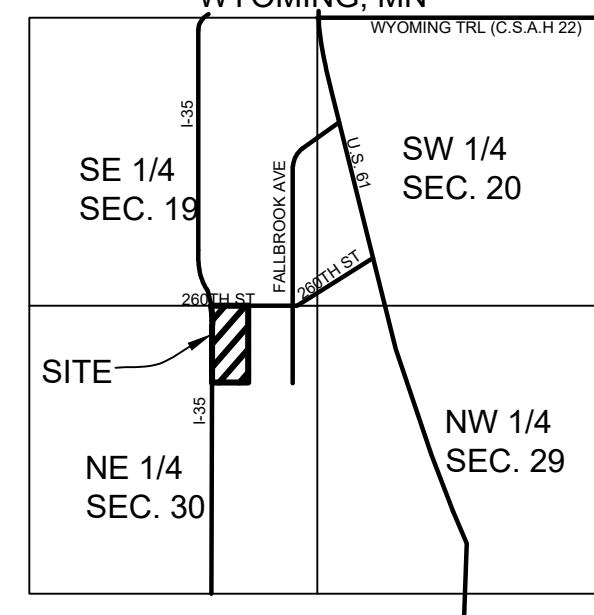
This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS and includes Items 1, 2, 3, 4, 6(a), 7(a), 8, 9, 11, 13, and 16 of Table A thereof.
The field work was completed on 6/22/2021.

Date of Plat or Map: June 24, 2021
Revision Date: September 22, 2021

SIGNATURE: Kelly L. Jordan
 Kelly L. Jordan, Land Surveyor, State of Minnesota License No. 42648
 P.O. Box 37, Forest Lake, MN 55025.
 Phone: (651) 464-3130, Kelly.Jordan@WiDSETH.com

VICINITY MAP

SEC. 30, TWP. 33, RGE. 21
WYOMING, MN



NOT TO SCALE

© 2021 WIDSETH SMITH NOLTING

DATE: June, 2021	DATE	AMENDMENTS	BY	PREPARED FOR: 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.
SCALE: AS SHOWN		PID NO. 21.00209.05		
DRAWN BY: JJG				
CHECKED BY: KLJ				
FILE NUMBER: 2021-10584				
			DATE:	LIC. NO.



WIDSETH SMITH NOLTING

Engineering | Architecture | Surveying | Environmental

SUNRISE FIBERGLASS COLD STORAGE BUILDING

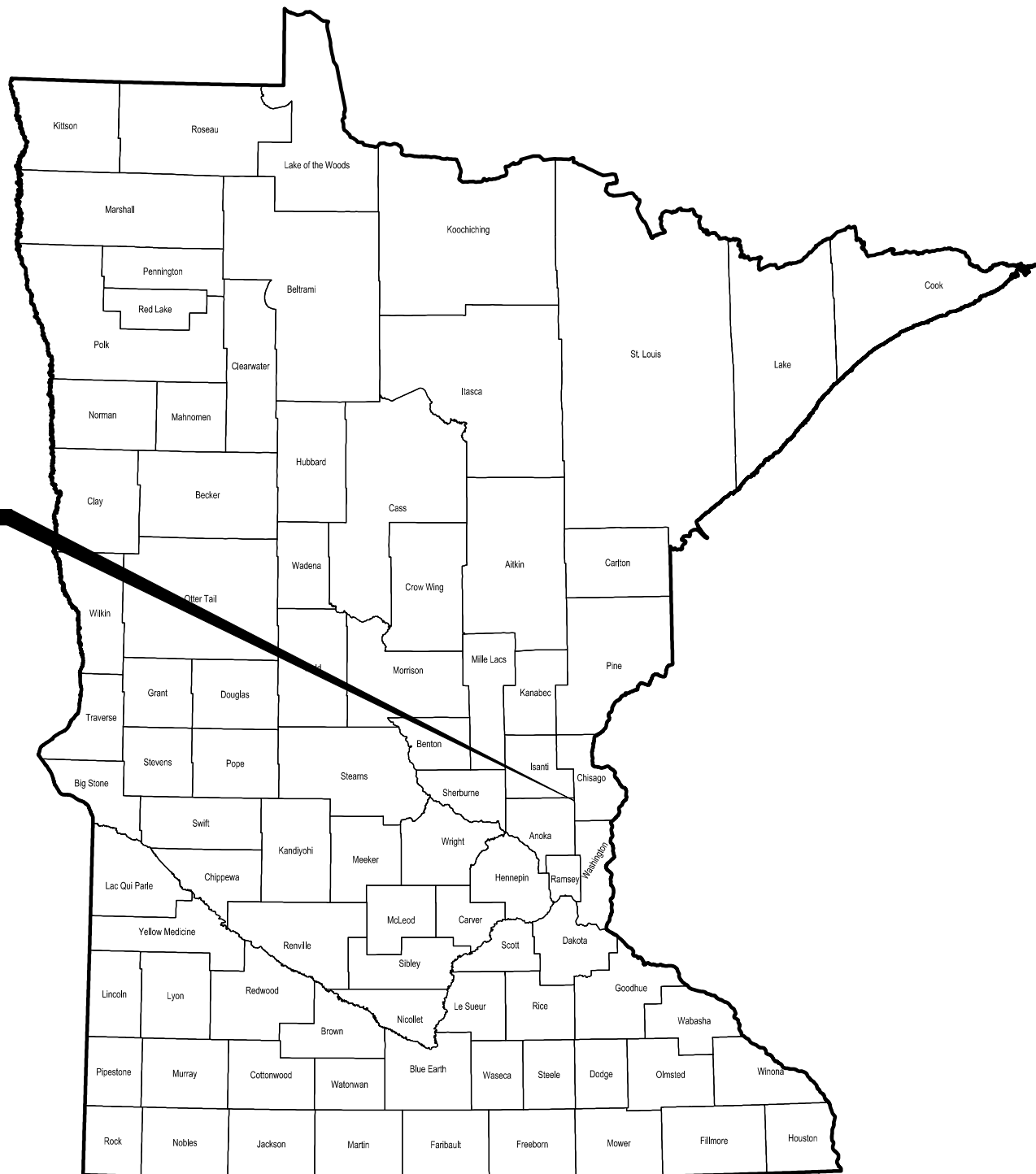
WYOMING, MN



DRAWING INDEX	
SHEET NUMBER	SHEET TITLE
C1.0	TITLE SHEET
C2.0	CIVIL LEGEND
C3.0	DETAILS
C4.0	EXISTING CONDITIONS & REMOVAL PLAN
C5.0	SITE PLAN
C6.0	GRADING AND DRAINAGE PLAN
C7.0	TURF ESTABLISHMENT AND EROSION CONTROL PLAN

GOVERNING SPECIFICATIONS	
THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND 2020 EDITION OF THE "MATERIALS LAB SUPPLEMENTAL SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.	

PROJECT LOCATION
CITY OF WYOMING



DATE	REVISION	DESCRIPTION	BY
AUGUST 2022	1	AS SHOWN	
FEB	2	TRM	

DATE:	AUGUST 2022
SCALE:	AS SHOWN
DRAWN BY:	FEB
CHECKED BY:	TRM
JOB NUMBER:	2022-11088

SUNRISE FIBERGLASS COLD STORAGE BUILDING
WYOMING, MN
TITLE SHEET

SHEET NO.
C1.0
SHEET 1 OF 7

SURVEY MONUMENTS

	BENCH MARK
	FOUND CIM
	FOUND CPNT.
	FOUND JLM
	FOUND LATH
	FOUND PIPE
	FOUND READING
	STAKED CIM
	STAKED CPNT.
	STAKED JLM
	STAKED PIPE

EXISTING TOPO SYMBOLS

	AC UNIT
	FENCE POST
	FLAG POLE
	GUARD POST
	GUY ANCHOR
	GUY POLE
	HANDICAP SYMBOL
	MAILBOX
	SHRUB
	SIGN DOUBLE POST
	SIGN SINGLE POST
	TREE CONIFER
	TREE DECIDUOUS
	TREE STUMP
	TV DISH
	WETLAND SYMBOL
	YARD LIGHT

EXISTING UTILITY MUNICIPAL SYMBOLS

	APRON
	LIFT STATION
	SANITARY CLEANOUT
	SANITARY MANHOLE
	STORM CATCH BASIN
	STORM INLET

EXISTING UTILITY MUNICIPAL SYMBOLS (cont.)

	STORM MANHOLE
	WATER CURB STOP
	WATER HANDHOLE
	WATER HYDRANT
	WATER MANHOLE
	WATER METER
	WATER VALVE
	WATER WELL
	UTILITY SIZE & TYPE

EXISTING UTILITY PRIVATE SYMBOLS

	ELEC GROUND LIGHT
	ELEC HANDHOLE
	ELEC LIGHT POLE
	ELEC MANHOLE
	ELEC METER
	ELEC PEDESTAL
	ELEC POLE
	ELEC SIGNAL
	ELEC TRANSFORMER BOX
	GAS METER
	GAS VALVE
	LP TANK
	TELE HANDHOLE
	TELE MANHOLE
	TELE PEDESTAL
	TELE POLE
	TV HANDHOLE
	TV PEDESTAL

SOIL BORING SYMBOLS

	LASER-INDUCED FLUORESCENCE BORING
	LYSIMETER
	MONITOR WELL
	PERC TEST
	PIEZOMETER
	RECOVERY WELL
	SOIL BORING
	SOIL VAPOR POINT
	VAPOR SURVEY POINT

PROPOSED UTILITY MUNICIPAL SYMBOLS

	APRON PROPOSED
	SANITARY CLEANOUT PROPOSED
	SANITARY LIFT STATION PROPOSED
	SANITARY LIFT STATION VALVE MANHOLE PROPOSED
	SANITARY MANHOLE PROPOSED
	SANITARY PLUG PROPOSED
	STORM CATCH BASIN PROPOSED
	STORM MANHOLE PROPOSED
	WATER 11 1/4° BEND PROPOSED
	WATER 22 1/2° BEND PROPOSED
	WATER 45° BEND PROPOSED
	WATER 90° BEND PROPOSED
	WATER CAP PROPOSED
	WATER CROSS PROPOSED
	WATER CURB STOP PROPOSED
	WATER HYDRANT PROPOSED
	WATER REDUCER PROPOSED
	WATER SLEEVE PROPOSED
	WATER TEE PROPOSED
	WATER VALVE PROPOSED

PROPOSED UTILITY PRIVATE SYMBOLS

	ELEC LIGHT POLE PROPOSED
---	--------------------------

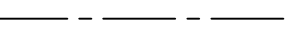
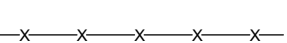
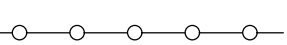
EROSION CONTROL SYMBOLS

	SURFACE DRAINAGE ARROW
	STORM DRAIN INLET PROTECTION

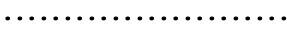
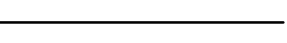
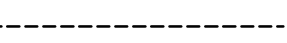
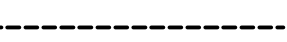
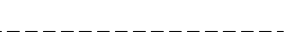
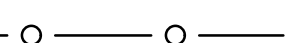
TRAFFIC CONTROL DEVICES & SYMBOLS

	TRAFFIC CONTROL SIGN (1 POST)
	TRAFFIC CONTROL SIGN (2 POST)
	TYPE III BARRICADE
	DRUM CHANNELIZER
	FLASHING ARROW OR MESSAGE BOARD

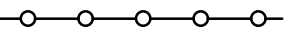
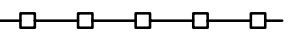
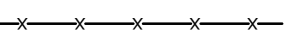
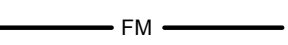
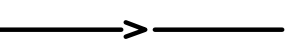
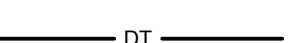
EXISTING TOPOGRAPHIC LINES

	CENTER LINE
	EDGE OF WOODS
	FENCE BARB WIRE
	FENCE CHAIN LINK
	FENCE WOOD
	FORCEMAIN
	OVERHEAD CABLE TV
	OVERHEAD ELECTRIC
	OVERHEAD TELE
	RAILROAD
	RETAINING WALL
	SANITARY SEWER
	SANITARY SEWER SERVICE
	STORM SEWER
	STORM SEWER DRAIN TILE
	UNDERGROUND CABLE TV
	UNDERGROUND ELECTRIC
	UNDERGROUND FIBER OPTIC
	UNDERGROUND GAS
	UNDERGROUND TELE
	WATERMAIN
	WATERMAIN SERVICE
	WETLAND EDGE

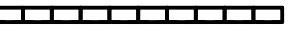
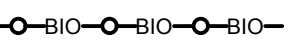
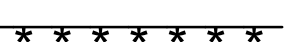
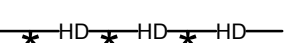
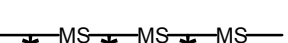
R/W, LOT & EASEMENTS LINES

	BUILDING SETBACK LINE
	LOT LINE PROPOSED
	EASEMENT LINE
	EASEMENT LINE PROPOSED
	LOT LINE
	MNDOT CONTROLLED ACCESS LINE
	RIGHT OF WAY EXISTING
	RIGHT OF WAY PROPOSED

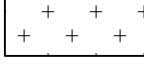
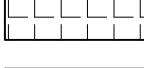
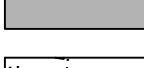
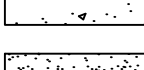
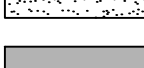
PROPOSED CONSTRUCTION LINES

	FENCE CHAIN LINK PROPOSED
	FENCE WOOD PROPOSED
	FENCE BARB WIRE PROPOSED
	FORCEMAIN PROPOSED
	SANITARY SEWER PROPOSED
	SANITARY SERVICE PROPOSED
	STORM SEWER PROPOSED
	STORM SEWER DRAIN TILE PROPOSED
	WATERMAIN PROPOSED
	WATERMAIN SERVICE PROPOSED

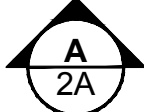
EROSION CONTROL LINES

	BALE CHECK
	BIO ROLL
	SILT FENCE
	SILT FENCE TYPE HEAVY DUTY
	SILT FENCE TYPE MACHINE SLICED
	SILT FENCE TYPE PREASSEMBLED
	FLOTATION SILT CURTAIN

HATCH PATTERN AND SHADING LEGEND

	RANDOM RIPRAP
	SOD
	SEED
	HYDRAULIC STABILIZER
	EROSION CONTROL BLANKET
	TEMP. ROCK CONSTRUCTION ENTRANCE
	BUILDING WALL HATCH
	BITUMINOUS SURFACE
	CONCRETE SURFACE
	GRAVEL SURFACE
	EASEMENT PATTERN

DOCUMENTATION SYMBOLS

	SECTION ARROW - SECTION NUMBER TOP; PAGE OF SECTION BOTTOM
---	--

WIDSETH

ARCHITECTS ■ ENGINEERS ■ SCIENTISTS ■ SURVEYORS

DATE: AUGUST 2022
SCALE: AS SHOWN
DRAWN BY: FEB
CHECKED BY: TMM

DATE: 8/11/2022
LIC. NO. 57780

SUNRISE FIBERGLASS COLD STORAGE BUILDING

WYOMING, MN

CIVIL LEGEND

SHEET NO. C2.0

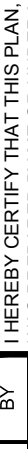
SHEET 2 OF 7

J:\FDG Capital-472512022-11088\CADD\Civil\C-CIVIL-LEGEND-2022-11088.dwg Plotted by:Frank Brodeen 8/11/2022 2:07:24 PM © 2022 WIDSETH SMITH NOLTING & ASSOCIATES, INC.

Page 23 of 134



SCALE: NONE

SHEET NO.		C3.0	
SHEET		3 of 7	
SUNRISE FIBERGLASS COLD STORAGE BUILDING			
WYOMING, MN			
DATE:		AUGUST 2022	
SCALE:		AS SHOWN	
DRAWN BY:		FEB	
CHECKED BY:		TMH	
JOB NUMBER		2022-11088	
DETAILS			
DATE	REVISION DESCRIPTION	BY	REVISIONS
HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.			
FRANK E. BRODEEN			DATE: 8/11/2022 LIC. NO. 57760

INTERSTATE 35

BILLBOARDW/ELEC

SUNRISE FIBERGLASS
MAIN BUILDING

PROPOSED
GRAVEL
SURFACE

50' x 100' COLD
STORAGE
BUILDING
(BY OTHERS)
FFE = 912.00

PROPOSED RAIN GARDEN
BTM = 909.0
HWL = 910.2

EXISTING
BUILDING

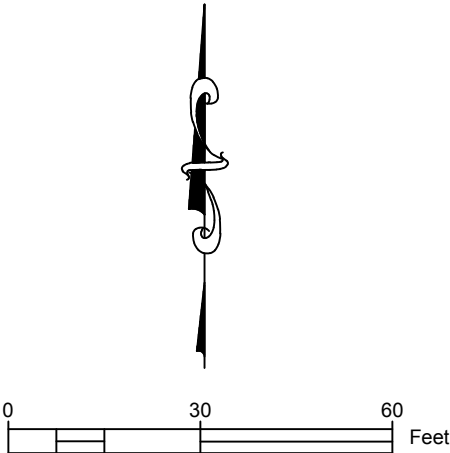
SITE PLAN NOTES:

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D.
THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-2,
ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING
SUBSURFACE UTILITY DATA"

CONTRACTOR SHALL CALL GOPHER STATE ONE CALL PRIOR TO BEGINNING REMOVALS.

THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION
AND NOTIFY OWNER AND ENGINEER OF ANY DIFFERENCES BETWEEN THE FIELD AND THE PLAN.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL AND
SHALL BE IN COMPLIANCE WITH THE MINNESOTA UNIFORM TRAFFIC CONTROL DEVICES MANUAL AND
TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS FIELD MANUAL. THE TRAFFIC CONTROL SHALL BE
APPROVED BY THE CITY PRIOR TO INSTALLATION.



SUNRISE FIBERGLASS COLD STORAGE BUILDING

WYOMING, MN

SITE PLAN

SHEET NO.
C5.0

SHEET 5 of 7

DATE: AUGUST 2022
SCALE: AS SHOWN
DRAWN BY: FEB
CHECKED BY: TMH
JOB NUMBER: 2022-11088

DATE	REVISION DESCRIPTION	REVISION	BY

WIDSETH
ARCHITECTS ■ ENGINEERS ■ SCIENTISTS ■ SURVEYORS

DATE: 8/11/2022 LIC. NO. 27780
FRANK E. BRODEEN

GENERAL CONSTRUCTION NOTES:

THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY OWNER OF ANY DIFFERENCES BETWEEN THE FIELD AND PLAN.

UNLESS OTHERWISE NOTED, ALL MATERIALS, CONSTRUCTION TECHNIQUES AND TESTING SHALL CONFORM TO THE 2013 EDITION OF THE "STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION, WATERMAIN AND SERVICE LINE INSTALLATION AND SANITARY SEWER AND STORM SEWER INSTALLATION" AS PUBLISHED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA AND THE "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AS PUBLISHED BY THE MINNESOTA DEPARTMENT OF TRANSPORTATION, 2020 EDITION. THE CONTRACTOR SHALL REQUIRE ALL PROCEDURES AS OUTLINED BY THE LOCAL AGENCY.

THE CONTRACTOR SHALL RECEIVE THE NECESSARY PERMISSION/PERMITS FOR ALL WORK LOCATED OUTSIDE OF THE MUNICIPAL RIGHT-OF-WAY AND PROPERTY LIMITS.

THE CONTRACTOR SHALL VERIFY ALL EXISTING LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION.

INTERSTATE 35

BILLBOARDW/ELEC

MAINTAIN
EXISTING
BERM

TOP OF BERM = 911.0
3' WIDTH

50' x 100' COLD
STORAGE
BUILDING
(BY OTHERS)
FFE = 912.00

EOF = 910.0
4 WIDTH
PLACE CL II RIP RAP

GRADING PLAN NOTES:

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CIASCE 38-2, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA"

ALL CONSTRUCTION SHALL CONFORM TO LOCAL, STATE, AND FEDERAL REGULATIONS INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPPDES) PERMIT REQUIREMENTS.

HAULING HOURS MUST BE CONFIRMED WITH THE CITY PRIOR TO BEGINNING WORK.

ALL SLOPES SHALL BE GRADED TO 3:1 OR FLATTER, UNLESS OTHERWISE NOTED ON THE PLANS.

SEE DETAILS FOR RAIN GARDEN TYPICAL SECTION

SUNRISE FIBERGLASS COLD STORAGE BUILDING

WYOMING, MN

GRADING AND DRAINAGE PLAN

SHEET NO.
C6.0

SHEET 6 of 7

I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR RECORD WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Frank E. Brodeen

FRANK E. BRODEEN DATE: 8/11/2022 LIC. NO. 27780

DATE	REVISION DESCRIPTION	BY

DATE:	AUGUST 2022
SCALE:	AS SHOWN
DRAWN BY:	FEB
CHECKED BY:	TMM
JOB NUMBER:	2022-11088

WIDSETH
ARCHITECTS ■ ENGINEERS ■ SCIENTISTS ■ SURVEYORS

GENERAL CONSTRUCTION NOTES:

THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY OWNER OF ANY DIFFERENCES BETWEEN THE FIELD AND PLAN.

UNLESS OTHERWISE NOTED, ALL MATERIALS, CONSTRUCTION TECHNIQUES AND TESTING SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AS PUBLISHED BY THE MINNESOTA DEPARTMENT OF TRANSPORTATION, 2020 EDITION. THE CONTRACTOR SHALL REQUIRE ALL PROCEDURES AS OUTLINED BY THE LOCAL AGENCY.

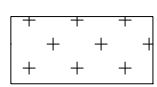
THE CONTRACTOR SHALL RECEIVE THE NECESSARY PERMISSION/PERMITS FOR ALL WORK LOCATED OUTSIDE OF THE MUNICIPAL RIGHT-OF-WAY AND PROPERTY LIMITS.

THE CONTRACTOR SHALL VERIFY ALL EXISTING INVERT LOCATION AND ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION.

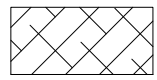
LEGEND:

— * MS * MS * MS — SILT-FENCE (MACHINE-SIZED)

— O-BIO-O-BIO-O-BIO — SEDIMENT CONTROL LOG (BIOROLL)



SEED MIXTURE 25-131 @ 220 LBS/ACRE
FERTILIZER TYPE 3 @ 350 LBS/ACRE
HYDRAULIC MULCH @ 2100 LBS/ACRE



SEED MIXTURE 33-281 @ 35 LBS/ACRE
FERTILIZER TYPE 3 @ 200 LBS/ACRE
REPP CATEGORY 20



RANDOM RIP RAP CL II



STORM DRAIN INLET PROTECTION

INTERSTATE 35

SUNRISE FIBERGLASS
MAIN BUILDING

50' x 100' COLD
STORAGE
BUILDING
FFE = 912.00

PROPOSED RAIN GARDEN
BTM = 909.0
HWL = 910.2

EXISTING
BUILDING

TURF ESTABLISHMENT AND EROSION CONTROL
PLAN NOTES:

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-2, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA"

ALL CONSTRUCTION SHALL CONFORM TO LOCAL, STATE, AND FEDERAL REGULATIONS INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.

ALL SILT FENCE AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY EXCAVATION/CONSTRUCTION AND SHALL BE MAINTAINED UNTIL VIABLE TURF OR GROUND COVER HAS BEEN ESTABLISHED. MAINTENANCE AND REMOVAL OF SEDIMENT CONTROL DEVICES SHALL BE INCIDENTAL TO THE GRADING CONTRACT

ALL STREETS UTILIZED FOR PROJECT CONSTRUCTION MUST BE CLEANED AT THE END OF EACH DAY. A ROCK ENTRANCE TO THE SITE MUST BE PROVIDED ACCORDING TO THE DETAILS TO REDUCE TRACKING OF SEDIMENT ONTO PUBLIC STREETS. STREET SWEEPING MAY BE NECESSARY AND WILL BE CONSIDERED INCIDENTAL.

ALL EXPOSED SOILS MUST BE STABILIZED WITHIN 14 CALENDAR DAYS OF ROUGH GRADE COMPLETION OR AFTER CONSTRUCTION TERMINATES. ALL STOCKPILES SHALL HAVE ADEQUATE SEDIMENT TRAPPING SYSTEMS INSTALLED AROUND THEM.

ALL AREAS TO BE ESTABLISHED TO GRASS COVER SHALL RECEIVE 4" OF TOPSOIL EXCEPT FOR THE RAIN GARDEN AREA AS SHOWN. SEE DETAILS SHEET FOR RAIN GARDEN TYPICAL SECTION. ALL GRASSED AREAS SHALL BE WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.

PROTECT RAIN GARDEN AREA FROM CONSTRUCTION TRAFFIC DURING CONSTRUCTION. DRAINAGE FLOWS TO RAIN GARDEN SHALL BE DIVERTED TO BEST EXTENT POSSIBLE UNTIL CONTRIBUTING DRAINAGE AREA HAS BEEN ESTABLISHED.

SEE PLAN FOR A COMPLETE LEGEND OF HATCHES AND SYMBOLS USED FOR EROSION CONTROL.

SUNRISE FIBERGLASS COLD STORAGE BUILDING

WYOMING, MN

TURF ESTABLISHMENT AND EROSION CONTROL PLAN

SHEET NO.
C7.0

SHEET 7 OF 7

WIDSETH
ARCHITECTS ■ ENGINEERS ■ SCIENTISTS ■ SURVEYORS

I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR RECORD WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
Frank E. Brodeen
FRANK E. BRODEEN
DATE: 8/11/2022 LIC. NO. 57780

DATE	REVISION DESCRIPTION	BY

DATE:	AUGUST 2022
SCALE:	AS SHOWN
DRAWN BY:	FEB
CHECKED BY:	TMA
JOB NUMBER:	2022-11088

BUILDER/CONTRACTOR RESPONSIBILITIES

Drawing Validity – These drawings, supporting structural calculations and design certification are based on the order documents as of the date of these drawings. These documents describe the material supplied by the manufacturer as of the date of these drawings. Any changes to the order documents after the date on these drawings may void these drawings, supporting structural calculations and design certification. The Builder/Contractor is responsible for notifying the building authority of all changes to the order documents which result in changes to the drawings, supporting structural calculations and design certification.

Builder Acceptance of Drawings – Approval of the manufacturer's drawings and design data affirms that the manufacturer has correctly interpreted and applied the requirements of the order documents and constitutes Builder/Contractor acceptance of the manufacturer's interpretations of the order documents and standard product specifications, including its design, fabrication and quality criteria standards and tolerances. (AISC code of standard practice APR 10 Section 4.4.1)

Code Official Approval – It is the responsibility of the Builder/Contractor to ensure that all project plans and specifications comply with the applicable requirements of any governing building authority. The Builder/Contractor is responsible for securing all required approvals and permits from the appropriate agency as required.

Builder is responsible for State, Federal and OSHA safety compliance – The Builder/Contractor is responsible for applying and observing all pertinent safety rules and regulations and OSHA standards as applicable.

Building Erection – The Builder/Contractor is responsible for all erection of the steel and associated work in compliance with the Metal Building Manufacturers drawings. Temporary supports, such as temporary guys, braces, false work or other elements required for erection will be determined, furnished and installed by the erector. (AISC Code of Standard Practice APR 10 Section 7.10.3)

Discrepancies – Where discrepancies exist between the Metal Building plans and plans for other trades, the Metal Building plans will govern. (AISC Code of Standard Practice APR 10 Section 3.3)

Materials by Others – All interface and compatibility of any materials not furnished by the manufacturer are the responsibility of and to be coordinated by the Builder/Contractor or A/E firm. Unless specific design criteria concerning any interface between materials if furnished as a part of the order documents, the manufacturers assumptions will govern.

Modification of the Metal Building from Plans – The Metal Building supplied by the manufacturer has been designed according to the Building Code and specifications and the loads shown on this drawing. Modification of the building configuration, such as removing wall panels or braces, from that shown on these plans could affect the structural integrity of the building. The Metal Building Manufacturer or a Licensed Structural Engineer should be consulted prior to making any changes to the building configuration shown on these drawings. The Metal Building Manufacturer will assume no responsibility for any loads applied to the building not indicated on these drawings.

Foundation Design – The Metal Building Manufacturer is not responsible for the design, materials and workmanship of the foundation. Anchor rod plans prepared by the manufacturer are intended to show only location, diameter and projection of the anchor rods required to attach the Metal Building System to the foundation. It is the responsibility of the end customer to ensure that adequate provisions are made for specifying rod embedment, bearing values, tie rods and or other associated items embedded in the concrete foundation, as well as foundation design for the loads imposed by the Metal Building System, other imposed loads, and the bearing capacity of the soil and other conditions of the building site. (MBMA MBSM Chapter 4 Section 3.2.2 and Section A3)

PROJECT NOTES

Material properties of steel bar, plate, and sheet used in the fabrication of built-up structural framing members conform to ASTM A529, ASTM A572, or ASTM A1011 with 55 ksi min. yield, except flanges wider than 12" and thicker than 3/8", all flanges thicker than 1", and all webs thicker than 3/8" are 50 ksi min. yield. Rod X-bracing conforms to ASTM A529 or ASTM A572 with 50 ksi min. yield. Cable X-bracing conforms to ASTM A475 7 Strand Extra High-Strength grade. Hot rolled structural shapes conform to ASTM A992, ASTM A529, or ASTM A572 with 50 ksi min. yield. Hot rolled angles, other than flange braces, conform to ASTM A36 minimum. Round and rectangular HSS conforms to ASTM A500 Grade B. Cold-formed steel secondary framing Members conform to ASTM A1011 or ASTM A653 Grade 55 with 55 ksi min. yield.

The manufacturer does not assume any responsibility for the erection nor field supervision of the structure and or any special inspections that may be required by the local building authority during erection (including inspection of the high strength bolts or field welds) as required during erection. The coordination and the costs associated for setting up and Special Inspections are the responsibility of the Erector, Owner, Architect, or Engineer of Record.

Design is based upon the more severe loading of either the roof snow load or the roof live load.

Loads, as noted, are given within order documents and are applied in general accordance with the applicable provisions of the model code and/or specification indicated. Neither the manufacturer nor the certifying engineer declares or attests that the loads as designated are proper for the local provisions that may apply or for site specific parameters. The manufacturer's Engineer's certification is limited to design loads supplied by an Architect and/or engineer of record for the overall construction project.

This project is designed using manufacturer's standard serviceability standards. Generally this means that all stresses and deflections are within typical performance limits for normal occupancy and standard metal building products. If special requirements for deflections and vibrations must be adhered to, then they must be clearly stated in the contract documents.

This metal building system is designed as enclosed. All exterior components (i.e. doors, windows, vents, etc.) must be designed to withstand the specified wind loading for the design of components and cladding in accordance with the specified building code. Doors are to be closed when a maximum of 50% of design wind velocity is reached.

Unless otherwise noted, special inspection of fabricated items is not required. Per IBC section 1704.2.5.1. The fabricator is approved to perform such work without special inspection through maintenance of IAS AC 472 certification MB-136

The design collateral load has been uniformly applied to the design of the building. Hanging loads are to be attached to the purlin web. This may not be appropriate for heavily concentrated loads. Any attached load in excess of 150 pounds shall be accounted for by special design performed by a licensed engineer using concentrated loads and may require separate support members within the roof system.

The metal building manufacturer has not designed the structure for snow accumulation loads at the ground level which may impose snow loads on the wall framing provided by the manufacturer.

ENGINEERING DESIGN CRITERIA

Building Code..... 2020 Minnesota Building Code
Building Risk Category..... II – Normal

Roof Dead Load..... 2.00 psf
Superimposed..... 4.00 psf
Collateral..... 20.90 psf (Non Reducible)
Roof Live Load..... 20.90 psf (Non Reducible)

Snow
Ground Snow Load (Pg)..... 50.00 psf
Snow Load Importance Factor (Is)..... 1.00
Snow Exposure Factor (Ce)..... 1.00
Thermal Factor (Ct)..... 1.00
Flat Roof Snow Load (Pf)..... 35.00 psf
Minimum Roof Snow Load (Pm)..... 35.00 psf

Wind
Ultimate Wind Speed (Vult)..... 115 mph
Nominal Wind Speed (Vnom)..... 89 mph
(IBC Section 1609.3.1)
Serviceability Wind Speed..... 75 mph
Wind Exposure Category..... C
Internal Pressure Coefficient (GCp1) 0.18 / -0.18
Loads for components not provided by building manufacturer:
Wall Edge Zones
27.06 psf pressure
-36.08 psf suction
Other Wall Zones 27.06 psf pressure
-29.32 psf suction

These values are the maximum values required based on a 10 square foot area. Components with larger areas may have lower wind loads.

Seismic
Seismic Importance Factor (Ie)..... 1.00
Seismic Design Category..... A
Soil Site Class..... D
Ss..... 0.055 g Sds..... 0.059 g
Sa..... 0.026 g Sd1..... 0.042 g
Analysis Procedure..... Equivalent Lateral Force

Location... Int Rf Front SW Back SW Left EW Right EW
System..... H H H H H H
R..... 3 3 3 3 3 3
Cs..... 0.02 0.02 0.02 0.02 0.02 0.02
Design Base Shear in kips (V) Transverse 1.78
Design Base Shear in kips (V) Longitudinal 1.81
Basic Structural System (from ASCE 7-16 Table 12.2-1)

System – Basic Force Resisting System
H – Steel System not Specifically Detailed for Seismic Resistance
C4 – Steel Ordinary Moment Frames
B3 – Steel Ordinary Concentric Braced Frames
G2 – Steel Ordinary Cantilevered Column Systems
R – Response Modification Coefficient
Ca – Seismic Response Coefficient
Transverse – Direction Parallel to the Rigid Frames
Longitudinal – Direction Perpendicular to the Rigid Frames

Drawing Index

Page	Description
C1	COVER SHEET
F1	ANCHOR BOLT PLAN
F2	ANCHOR BOLT REACTIONS
F3	ANCHOR BOLT DETAILS
E1	ROOF FRAMING PLAN
E2	ROOF SHEETING PLAN
E3	FRONT SIDEWALL
E4	BACK SIDEWALL
E5	LEFT ENDWALL
E6	RIGHT ENDWALL
E7	FRAME CROSS SECTION
DET1-19	STANDARD DETAILS
R1-R3	INSTALLATION SHEETS

DRAWING STATUS

☐ **FOR APPROVAL**
These drawings, being For Approval, are by definition not final, and are for conceptual representation only. Their purpose is to confirm proper interpretation of the project documents. Only drawings issued "For Erector Installation" can be considered as complete.

☐ **FOR CONSTRUCTION PERMIT**
These drawings, being For Permit, are by definition not final. Only drawings issued "For Erector Installation" can be considered as complete.

☒ **FOR ERECTOR INSTALLATION**
Final drawings for construction.

For questions or assistance
Concerning Erection call:
877 870 8676 X 352
Monday–Friday 7:30am to 5:00pm

ENGINEERING SEAL

The engineer whose seal appears hereon is an employee of the manufacturer, Cornerstone Building Brands, or one of its affiliates, for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.



Download panel installation manuals from:
www.cornerstonebuildingbrands.com/installationmanuals/

Descargue los manuales de instalación del panel desde:
www.cornerstonebuildingbrands.com/installationmanuals/

1/2" A325 BOLT GRIP TABLE (UNLESS NOTED)	
GRIP	LENGTH
0 TO 9/16"	1 1/4" F.T.
Over 9/16" TO 1 1/16"	1 3/4" F.T.
Over 1 1/16" TO 1 5/16"	2"
Over 1 5/16" TO 1 9/16"	2 1/4"
Over 1 9/16" TO 1 13/16"	2 1/2"
Over 1 13/16" TO 2 1/16"	2 3/4"
LOCATIONS OF BOLTS LONGER THAN 2 3/4" NOTED ON ERECTION DRAWINGS	
F.T. DENOTES FULLY THREADED	

BOLT LENGTH

GRIP

NOTE:
FULL THREAD ENGAGEMENT IS DEEMED TO HAVE BEEN MET WHEN THE END OF THE BOLT IS FLUSH WITH THE FACE OF THE NUT.

WASHER REQUIRED ONLY WHEN SPECIFIED.
WASHER MAY BE LOCATED UNDER HEAD OF BOLT, UNDER NUT, OR AT BOTH AT LOCATIONS NOTED ON ERECTION DRAWINGS.
ADD 5/32" FOR EACH WASHER TO MATERIAL THICKNESS TO DETERMINE GRIP.

ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	6/ 9/22	FOR CONSTRUCTION PERMIT	AXH	AXH	CM
O	6/22/22	FOR ERECTOR INSTALLATION	ZMM	YMC	CM

Building Descriptions				
Building ID	Width(ft)	Length(ft)	Height(ft)	Slope
Building A	50	110	20	

TORO STEEL BUILDINGS INC
1405 DENISON STREET
MARKHAM, ON L3R-5V2 CA

PROJECT:	DALE HALE					
CUSTOMER:	DALE HALE					
OWNER:	DALE HALE					
LOCATION:	WYOMING, MN 55092 US					
CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET
	6/22/22	N.T.S.	1	A	18-B-57146	

SIGNATURE:	DATE:
	0

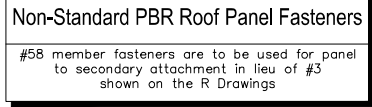
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE:
NAME: **M. CHACON**
DATE: **June 27, 2022**
LICENSE NUMBER: **57396**

110'-0" OUT-TO-OUT OF STEEL

22'-0" 22'-0" 22'-0" 22'-0" 22'-0"

1 2 3 4 5



PANELS: 26 Gauge PBR – Galvalume

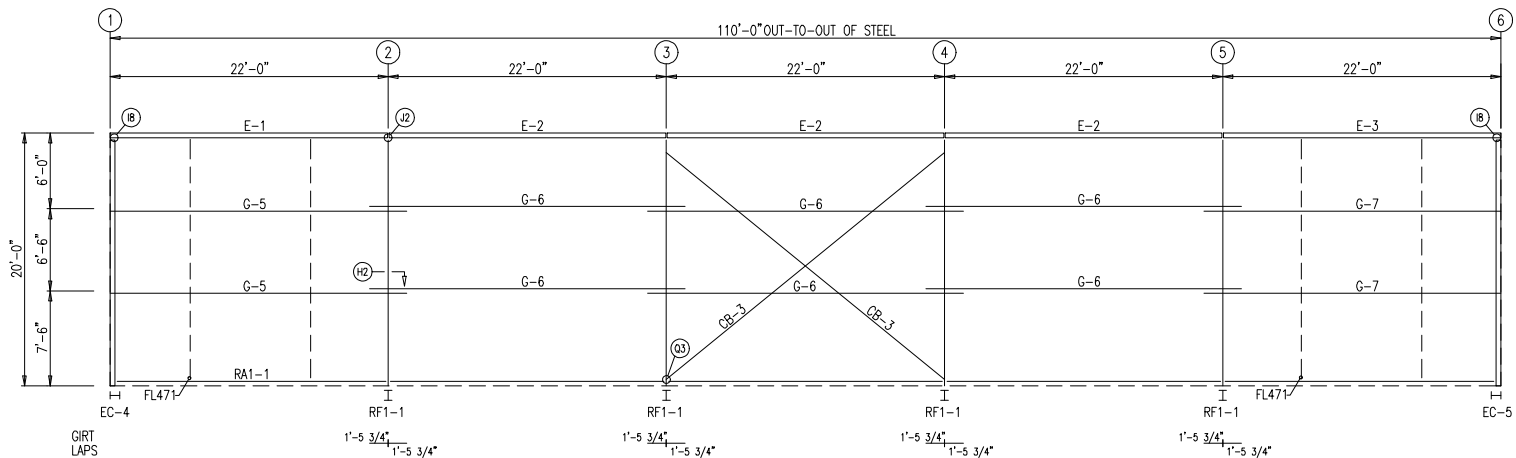
ISSUE	DATE	DESCRIPTION	BY	CK'D	DS
A	6/ 9/22	FOR CONSTRUCTION PERMIT	AXH	AXH	CH
O	6/22/22	FOR ERECTOR INSTALLATION	ZMM	YMC	CH

PROJECT: DALE HALE				OWNER: DALE HALE	
CUSTOMER: DALE HALE					
LOCATION: WYOMING, MN 55092 US					
CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER
	6/22/22	N.T.S.	1	A	18-B-57146

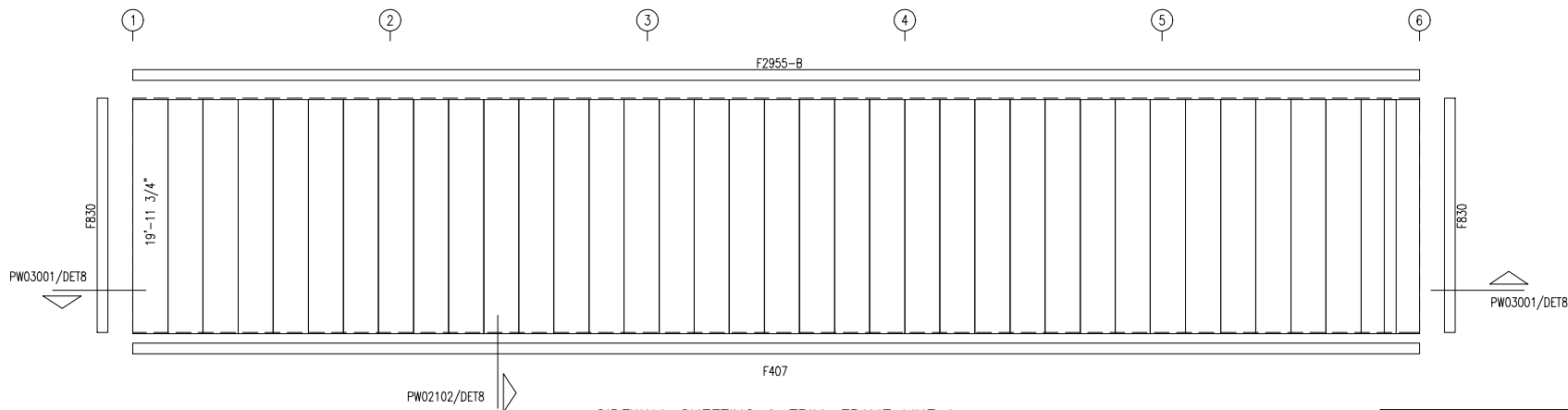
SIGNATURE: _____		Jun 27, 2022	
NAME: SIRENE M. CHACON			
NUMBER	ISSUE		
DATE: _____	LICENSE NUMBER: 57396		

1. INSTALL ALL PURLIN AND FLANGE BRACES (FB) AS SHOWN.
2. ROOF PANEL PROVIDES STRUCTURAL STABILITY TO THE BUILDING.
3. STRUT PURLINS, IF PROVIDED, MUST BE INSTALLED AND FASTENED TO ROOF SHEETING PER "PBR" PANEL ROOF DETAIL.
4. DO NOT ADD ANY ADDITIONAL ROOF OPENINGS WITHOUT BUILDING MANUFACTURER APPROVAL OR PROFESSIONAL ENGINEER APPROVAL.
5. DO NOT STACK SHEET BUNDLES ON ROOF. ONLY RAISE INDIVIDUAL SHEETS AS NEEDED.
6. AFTER INSTALLATION, WIPE ALL PANELS CLEAN OF METAL SHAVINGS CAUSED BY DRILLING.

MEMBER TABLE		
FRAME LINE A		
MARK	PART	LENGTH
E-1	10ES1L14	21'-11 1/2"
E-2	10ES1L14	21'-11 1/2"
E-3	10ES1L14	21'-11 1/2"
G-5	8X2S216	23'-5 1/2"
G-6	8X2S216	24'-11 1/2"
G-7	8X2S216	23'-5 1/2"
CB-3	1/2" DIA. ROD	29'-1"

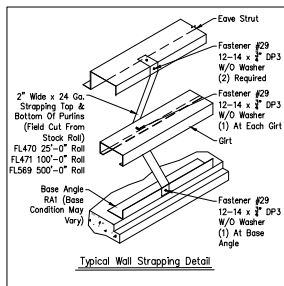


SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Gauge PBR - Polar White



Non-Standard PBR Wall Panel Fasteners

#58 member fasteners are to be used for panel to secondary attachment in lieu of #17A shown on the R Drawings

GENERAL NOTES:

1. INSTALL ALL GIRTS AND FLANGE BRACES (FB) AS SHOWN.
2. WALL PANEL PROVIDES STRUCTURAL STABILITY TO THE BUILDING.
3. OTHER THAN FOR WALK DOORS AND WINDOWS SHOWN ON THE CONTRACT, DO NOT ADD ADDITIONAL WALL OPENINGS WITHOUT APPROVAL OF BUILDING MANUFACTURER OR PROFESSIONAL ENGINEER.
4. AFTER INSTALLATION, WIPE ALL PANELS CLEAN OF METAL SHAVINGS CAUSED BY DRILLING.

ISSUE	DATE	DESCRIPTION	BY	CHK'D	DSN
A	6/ 9/22	FOR CONSTRUCTION PERMIT	AXH	AXH	CM
O	6/22/22	FOR ERECTOR INSTALLATION	ZMM	YMC	CM

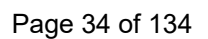
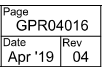
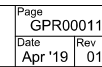
TORO STEEL BUILDINGS INC					
1405 DENISON STREET					
MARKHAM, ON L3R-5V2 CA					
PROJECT: DALE HALE					
CUSTOMER: DALE HALE				OWNER: DALE HALE	
LOCATION: WYOMING, MN 55092 US					
CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER
	6/22/22	N.T.S.	1	A	18-B-57146

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.

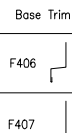
SIGNATURE: Jun 27, 2022
NAME: SIRENE M. CHACON
NUMBER: ISSUE: LICENSE NUMBER: 57396

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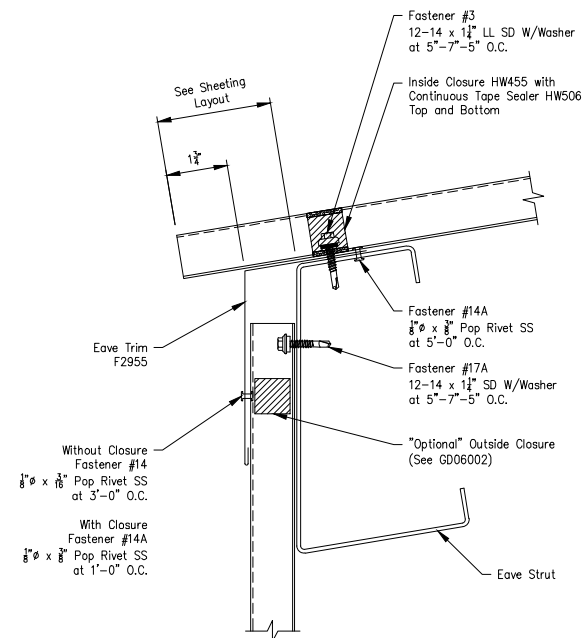
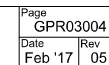
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Date	Aug '15	Rev	04



Page	PW02102	
Date	Apr '18	Rev 02



Page	GPR06003	
Date	Apr '19	Rev 04

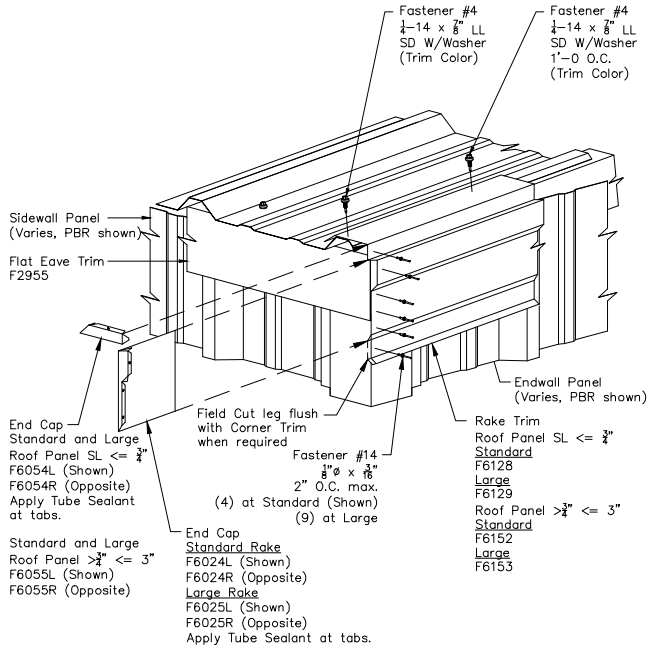


TORO STEEL BUILDINGS INC 1405 DENISON STREET MARKHAM, ON L3R-5V2 CA						
PROJECT:		DALE HALE				
CUSTOMER:		DALE HALE			OWNER: DALE HALE	
LOCATION:		WYOMING, MN 55092 US				
CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET
	6/22/22	N.T.S.	1	A	18-B-57146	

SIGNATURE:		Jun 27, 2022
NAME: SIRENE M. CHACON		
NUMBER	ISSUE	
DATE:		LICENSE NUMBER: 57396

PBR Roof Panel - Northern Standard and Northern Large Edgecraft
Low Eave Rake Corner with Flat Eave Trim $\frac{3}{4}$ " thru $1\frac{3}{4}$ " Wall Panel

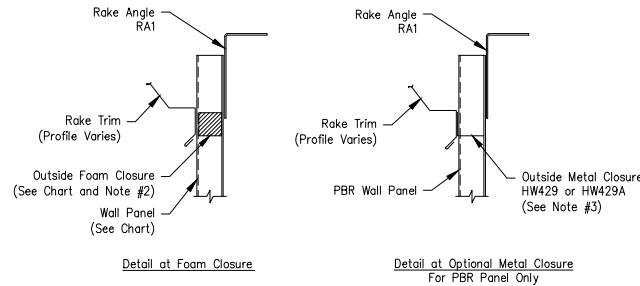
Page
TPR04009
Date
Nov '20
Rev
02



See Construction Details for
required attachment of Eave
Trim and Rake Trim to Wall.
Wall Panel Closures not shown
for clarity.

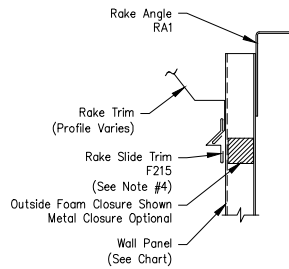
Single Skin Wall Panel Outside Closure Requirements at Rake

Page
GD06003
Date
Feb '19
Rev
02



Notes:

1. Outside Panel Closures are Required at all Sheeted Endwalls.
2. PBR Wall Panel Outside Foam Closures HW456 Required for Roof Slope 4:12 or Less and HW422 for Roof Slope Greater Than 4:12. Field Form/Notch HW422 to Panel Profile.
3. PBR Wall Panel Outside Metal Closure HW429 for Roof Slope 0:12 Thru $1\frac{1}{2}$:12 and HW429A for Roof Slope Greater Than $3\frac{1}{2}$:12 Thru $4\frac{1}{2}$:12.
4. Rake Slide Trim Required for All Standing Seam Roofs and at Screw Down Roof Runs Greater Than 100'-0"
5. Foam Closures are Required when Job Requires Air Infiltration or Sealed Wall Requirements, See GD16002.



Wall Panel	Foam Closure
PBR	HW456/HW422
AVP	HW465
PBU	HW460
VistaShadow	HW465
NuWall	HW424
PBC	HW462
PBD	HW463
ShadowRib	HW412
Designer Series (Fluted Only)	HW4037
RBR (Reverse Rolled PBR)	HW455
RBU (Reverse Rolled PBU)	HW459
7.2	HW461

Drawing has been digitally signed.

ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	6/9/22	FOR CONSTRUCTION PERMIT	AXH	AXH	CM
O	6/22/22	FOR ERECTOR INSTALLATION	ZMM	YMC	CM

TORO STEEL BUILDINGS INC
1405 DENISON STREET
MARKHAM, ON L3R-5V2 CA

PROJECT: DALE HALE

CUSTOMER: DALE HALE

OWNER: DALE HALE

LOCATION: WYOMING, MN 55092 US

CAD

DATE

SCALE

PHASE

BUILDING ID

JOB NUMBER

18-B-57146

SHEET

NUMBER

ISSUE

DATE

0

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.

SIGNATURE:

Jun 27, 2022

NAME: SIRENE M. CHACON

NUMBER

DATE

LICENSE NUMBER: 57396



Request for Planning Commission Action

Date: September 8, 2022

Presented to: Honorable Planning Commission chair and members

Presented by: Robb Linwood, City Administrator

Department: Administration

Reference: Architectural Standards

Method: New Business

Background Information:

The Wyoming Planning Commission identified the 2022 goal of reviewing the architectural standards for construction in the city code. Much of this year's activities have been focused on the completion of the 2022 comprehensive plan and applications. At the September 6, 2022 city council meeting when completing review of site plan and conditional use permit for the Dairy Queen application the council gave direction to the planning commission to begin review of the architectural standards for building construction in the city zoning code at the earliest opportunity.

Recommendation: To begin review of the architectural standards in the city zoning code at the Planning Commissions earliest opportunity.



CITY OF WYOMING

P.O. Box 188, 26885 Forest Blvd., Wyoming, MN 55092
Phone: 651-462-0575 Fax: 651-462-0576



Request for Planning Commission Action

Date: September 9, 2022

Presented to: Honorable Planning Commission chair and members

Presented by: Robb Linwood, City Administrator

Department: Administration

Reference: Comprehensive Plan – Next Steps

Method: Old Business

Background Information:

The Planning Commission had completed a draft copy of the 2022 Comprehensive plan that was shared at the August 30, 2022 all boards meeting for review and comment. After further review of the land use plan it was noted that some changes would be necessary on that plan. The revised plan in your packet does not include an updated version of the land use map, but we are hopeful that we will have a copy prior to the meeting on September 13, 2022.

The next course of action regarding the plan would be to call for a public hearing. Via Minnesota state statute, before adopting the comprehensive municipal plan or any section or amendment of the plan, the planning agency shall hold at least one public hearing thereon. A notice of the time, place and purpose of the hearing shall be published once in the official newspaper of the municipality at least ten days before the day of the hearing. If the planning commission was in favor of calling for a public hearing the soonest this could take place is October 11, 2022 to ensure all necessary publications are completed prior to the meeting.

Recommendation: To call for a public hearing to present the contents of the draft 2022 City of Wyoming Comprehensive Plan Update to the public and consider public comments on the proposed Plan.



CITY OF WYOMING

P.O. Box 188, 26885 Forest Blvd., Wyoming, MN 55092
Phone: 651-462-0575 Fax: 651-462-0576

**City of Wyoming
P.O. Box 188
26885 Forest Boulevard

Wyoming, MN 55092**

September 14, 2022

Please publish the week of October 3 – October 7, 2022

Please publish the following in the legal notices under The City of Wyoming:

The City of Wyoming Planning and Zoning Commission will hold a public hearing on October 11, 2022 at 7:00 pm in the Council Chambers of City Hall at 26885 Forest Blvd, Wyoming, MN 55092. The purpose of the hearing is to present the contents of the draft 2022 City of Wyoming Comprehensive Plan Update to the public and consider public comments on the proposed Plan.

The Plan includes strategies and recommendations that will guide the City regarding Land Use, Transportation Plan, transportation, Utilities, Housing, Parks, Trails and Recreation, Natural Environment and Sustainability, and Economic Development. Public Comments will be taken to determine what revisions shall be incorporated prior to plan adoption by the City Council.

All interested parties may submit communication to Planning and Zoning, P.O. Box 188, Wyoming, MN 55092 or to the following email address - fweck@wyomingmn.org or in person at the public hearing.



CITY OF WYOMING

P.O BOX 188 26885 Forest Blvd, Wyoming, MN 55092
Phone: 651-462-0577 Fax: 651-462-0506



2022 Comprehensive Plan

City Council Members, 2022

Lisa Iverson, Mayor
Claire Luger, Linda Nanko Yeager, Brett Ohnstad, Dennis Schilling,

Planning Commission, 2022

Roger Carr, Mark Lobermeier, Bryan Murdock, Kevin Teel, Katie West,

City Staff

Robb Linwood, City Administrator
Fred Weck, Zoning Administrator

Technical Consultants

WSB & Associates – Planning & Engineering

City of Wyoming
26885 Forest Boulevard
Wyoming, Minnesota 55092-0188
651-462-0575
<https://www.wyomingmn.org/>

Final Draft – August 2022

TABLE OF CONTENTS

Introduction	1
What is a Comprehensive Plan?	1
Implementing the Plan.....	1
The Planning Process	3
Wyoming's Initial Comprehensive Plan	3
2019 Resident Survey	3
Open House	3
Prior Plans and Studies	4
Community Profile	5
History	5
Township and City Merger	7
Regional Setting & Population Trends.....	8
Economic Conditions/Leading Employers	9
Existing Conditions	10
General Demographics	10
Environmental Setting	10
Existing Land Use	10
Highways and Transportation.....	10
Interstate I-35	10
US Highway 8	11
US Highway 61	11
Community Services and Facilities	11
Current Trends	11
Planning Factors Affecting Development (Challenges and Opportunities)	12
Natural Resources.....	12
Municipal Utilities.....	12
Housing	12
Kettle River / Viking Boulevard Future Congestion.....	12
Inconsistent Stormwater Permitting	12
Watershed Boundary.....	13
Vision, Goals and Objectives.....	14
Vision and Objectives.....	14

Plan Overview	16
Land Use Plan	16
Transportation Plan	16
Utilities	17
Parks, Open Space, and Trails	17
Housing	17
Environmental Resources	18
Economic Development.....	18
Implementation	18
Land Use Plan	19
Land Use Types and Descriptions	20
Semi-Rural Neighborhoods	20
Single Family Residential Neighborhoods	20
High Density Residential Neighborhoods.....	21
Commercial.....	21
Mixed Use	21
Downtown Core.....	22
Office and Health Care Business	22
Industrial and General Business Area	22
Public and Semi-Public Facilities	23
Parks and Open Space	23
Conservation and Open Space	23
Shoreland and Floodplain Areas.....	23
Urban Service Area	25
Interim Urban Service Area	25
Ultimate Urban Service Area.....	25
Permanently Un-Serviced Area	25
Land Use Plan.....	28
Transportation Plan	31
Functional Classification	31
Principal Arterials.....	33
Minor Arterials.....	33
Collector Roadways	34
Local Streets.....	34
Roadway Capacity	34

Existing Roadway Capacity	34
Safety Issues.....	36
Access Management.....	37
Road Design and Right of Way	38
Traffic Calming.....	38
Complete Streets	38
Jurisdictional Classification Plan	38
Intergovernmental Coordination.....	39
Minnesota Department of Transportation	39
Chisago County	46
Transportation Corridor Overlay District	46
Utilities	47
Urban Service Area	47
Sanitary Sewer System Plan.....	47
Interim Sanitary Sewer System	49
Ultimate Wastewater System.....	51
Private Individual or Community Wastewater Systems.....	55
Water System.....	55
Housing.....	61
Housing Conditions	61
Future Housing Needs	63
Housing Plan	63
Parks, Trails and Recreation.....	66
Comprehensive Park Plan	68
Community Feedback.....	68
Park Acquisition	70
Park Classification and Design Guidelines.....	70
Open Space	70
Trails System	71
County Trails:	71
Natural Environment and Sustainability.....	73
Natural Environment	73
Wetlands Regulation	73
Shoreland Management.....	73

Floodplain Management	75
Significant Woodlands Protection	75
Clustering	75
Natural Drainage	76
Sustainability	76
Protection of Water and other Natural Resources	76
Housing Options	76
Green Step Cities	76
Economic Development.....	77
Economic Development Goals	77
Comprehensive Planning and Economic Development	78
Cost of Services Study	78
Small Area Plans	79
Land Assembly	79
Plan Implementation.....	80
Official Controls	80
Guidelines for Adjusting the Zoning Map	81
.....	81
Annual Report	81
Formal Reviews	81
Periodic Amendments	82
Priority Actions	83
List of References.....	88

TABLE OF FIGURES

Figure 1 - 1888 Map of Wyoming Township	6
Figure 2 - Estimated Number of Workers	9
Figure 3 - Plan Vision and Objectives	15
Figure 4 - Interim Service Area	26
Figure 5 - Ultimate Service Area	27
Figure 6 - Updated Land Use Plan	29
Figure 7 - Central Business District	30
Figure 8 - Road System Plan	32
Figure 9 - US Highway 8 Corridor (also includes Figures 9A-9E)	40
Figure 10 - Chisago Lakes Joint Sewage Collection and Treatment System	48
Figure 11 - Existing Residual Capacity	50
Figure 12 - Ultimate Sanitary Sewer System	53
Figure 13 - Sanitary Sewer System Expansion Areas	54

Figure 14 - Existing Water Supply System	57
Figure 15 - Ultimate Water Supply System	60
Figure 16 - Life Cycle Housing.....	64
Figure 17 - Parks, Trails and Open Space	67
Figure 18 - Future Park Program	68
Figure 19 - Concept Plan for Future Enhancements to Swenson Park.....	69
Figure 20 - Concept Plan for Future Enhancements to Railroad Park	70
Figure 21 - Regional Trails.....	72
Figure 22 - Watersheds.....	74

TABLE OF TABLES

Table 1 - Population Growth.....	7
Table 2 - Population Trends.....	8
Table 3 - Racial Makeup of Wyoming	8
Table 4 - Recent Development Projects	11
Table 5 - Land Use and Zoning Description	23
Table 6 - Acreage by Land Use Category	24
Table 7 - Land Use Categories and Urban Service Areas (acres)	28
Table 8 - Functional Classification and Jurisdiction by Street.....	33
Table 9 - Planning Level Roadway Capacity.....	35
Table 10 - Motor Vehicle Crashes in Wyoming (2016-2020).....	36
Table 11 - Top Eight Crash Locations in Wyoming (2016-2020) (by total crashes).....	37
Table 12 - Sanitary Sewer Service Areas.....	51
Table 13 - Wyoming Interceptor Capacity Allocation	55
Table 14 - Water Service Area	58
Table 15 - Housing Unit History	62
Table 16 - Housing Unit Types	62
Table 17 - Housing Units Values	62
Table 18 - Existing City Parks	66
Table 19 - Major Plan Implementation Actions.....	84

Introduction

What is a Comprehensive Plan?

A comprehensive plan is an extension of the community's vision for future growth and development. It is also a strategic road map to reach that goal. Comprehensive planning is an important tool to guide future development of land to ensure a safe, pleasant, and economically viable environment for residential, commercial, industrial, and public activities (**Ref. 1**).

The Comprehensive Planning process helps to:

- Protect important resources, agricultural, and other open lands.
- Create the opportunity for residents to participate in guiding a community's future.
- Identify issues, stay ahead of trends, and accommodate change.
- Ensure that growth makes communities better; not just bigger.
- Foster sustainable economic development.
- Provide an opportunity to consider future implications of today's decisions.
- Protect property rights and values.
- Enable other public and private agencies to plan their activities in harmony with City plans.

As a result, the comprehensive plan lays out a vision for future development and land use. It dictates where growth should occur, the type of growth that is allowed in various areas of the City, and the density of such growth. The plan should also establish the following:

- Public facilities plan (water and sewer).
- Thoroughfare or transportation plan.
- Parks and open space plan.
- Capital Improvement Plan.

Once adopted, the plan guides local officials in making their day-to-day decisions and becomes a factor in their decision process. Comprehensive plans assist the City in articulating the basis for zoning decisions, providing legal support to ensure that zoning ordinances are reasonable and have a rational basis.

Implementing the Plan

Once a Comprehensive Plan is adopted, the Planning Commission is tasked to study and propose to the City Council a reasonable and practicable means for putting the plan or sections of the plan into effect (**Ref. 2**). Reasonable and practicable means for putting the plan into effect, include:

- Zoning regulations.
- Subdivision regulations.
- A program for coordination of the normal public improvements and services.
- A program for development and redevelopment.

- A capital improvement program.
- An official map.

The Planning Process

The Comprehensive Plan is meant to be a living document, grounded in real challenges and opportunities. It is meant to be revisited frequently and revised as conditions change. The Plan looks out to a horizon of twenty years; however, it is meant to be reexamined every ten years. The City will use the continuous input of the public, whether through formal or informal means, to make sure that the vision, goals, and policies are still relevant.

Wyoming's Initial Comprehensive Plan

In the Fall of 2007, the City of Wyoming and Wyoming Township formed a Comprehensive Plan Task Force to combine the Township's 2004 Comprehensive Plan and the City's 2001 Comprehensive Plan into a single, cohesive document to guide the future of the community (the two communities were merged in August of 2008). Some of the initial guiding principles for the inaugural meeting of the task force included **(Ref. 3)**:

- Rural Character – Small town feel.
- Balance rural setting and urbanization.
- Property Rights.
- Orderly extension of sewer and water.
- Compatibility of adjoining uses.
- Natural Resources.
- Agriculture.

Ultimately, the Taskforce completed the combined comprehensive plan, which was officially adopted on January 21, 2009. The 2009 Comprehensive Plan was, for the most part, a land use map, that did not include a realistic development plan. In 2015, the Planning Commission kicked-off an effort to update the plan. The effort proceeded slowly, retaining much of the 2009 document. In the fall of 2019, an effort was undertaken to seek public input. Progress slowed again in 2020 in part due to the Covid-19 pandemic.

2019 Resident Survey

An online resident survey was made available during October 2019. The questions engaged respondents on a variety of subjects, from how they commute within the City, to what business they would like to see, to how they feel about the parks and trails system. A majority of respondents preferred the description of Wyoming that emphasized its small-town feel and that it was a nice and quiet community. The community's small-town qualities were highlighted in responses to other questions, for which many respondents believed that the small-town feel was the most important quality. Other survey findings included an emphasis on planning and growth, lowering taxes, and improvements to roads and infrastructure.

Open House

A public open house was held on November 20, 2019 at City Hall. Staff arranged three stations which were organized around specific themes and prompted attendees to respond to questions addressing those themes.

The **Community Identity and Culture** station identified the low intensity nature of a “small town feeling”, the rural setting, and consideration and trust amongst neighbors.

The **Wyoming is Open for Business** station identified a desire for a larger variety of restaurants and retail businesses, actions that would increase job growth, and more specifically further development of the M Health Fairview Medical Center Campus area.

Station Three, the **Developing Wyoming** station prompted participants to identify prime areas of development, specific types of development that support a “bedroom-type” community, and other specific tenant types.

Prior Plans and Studies

This plan builds on a considerable amount of previous planning done by the City. A complete list of references is included in the appendix. Some of the critical resources relied on for the completion of this plan include the following:

- City of Wyoming Comprehensive Plan, 2009.
- City of Wyoming Zoning Ordinance and Map.
- City of Wyoming Strategic Plan, 2017.
- City of Wyoming Urban Service Area.
- Chisago County Housing Study, 2018.
- Comprehensive Water Plan, 2010.
- Comprehensive Sewer Plan, 2010.

Community Profile

History

To help understand the future of Wyoming, it is important to acknowledge the rich history of the community. The City of Wyoming began as the Township of Wyoming. The initial survey of the Township dates back to 1847.

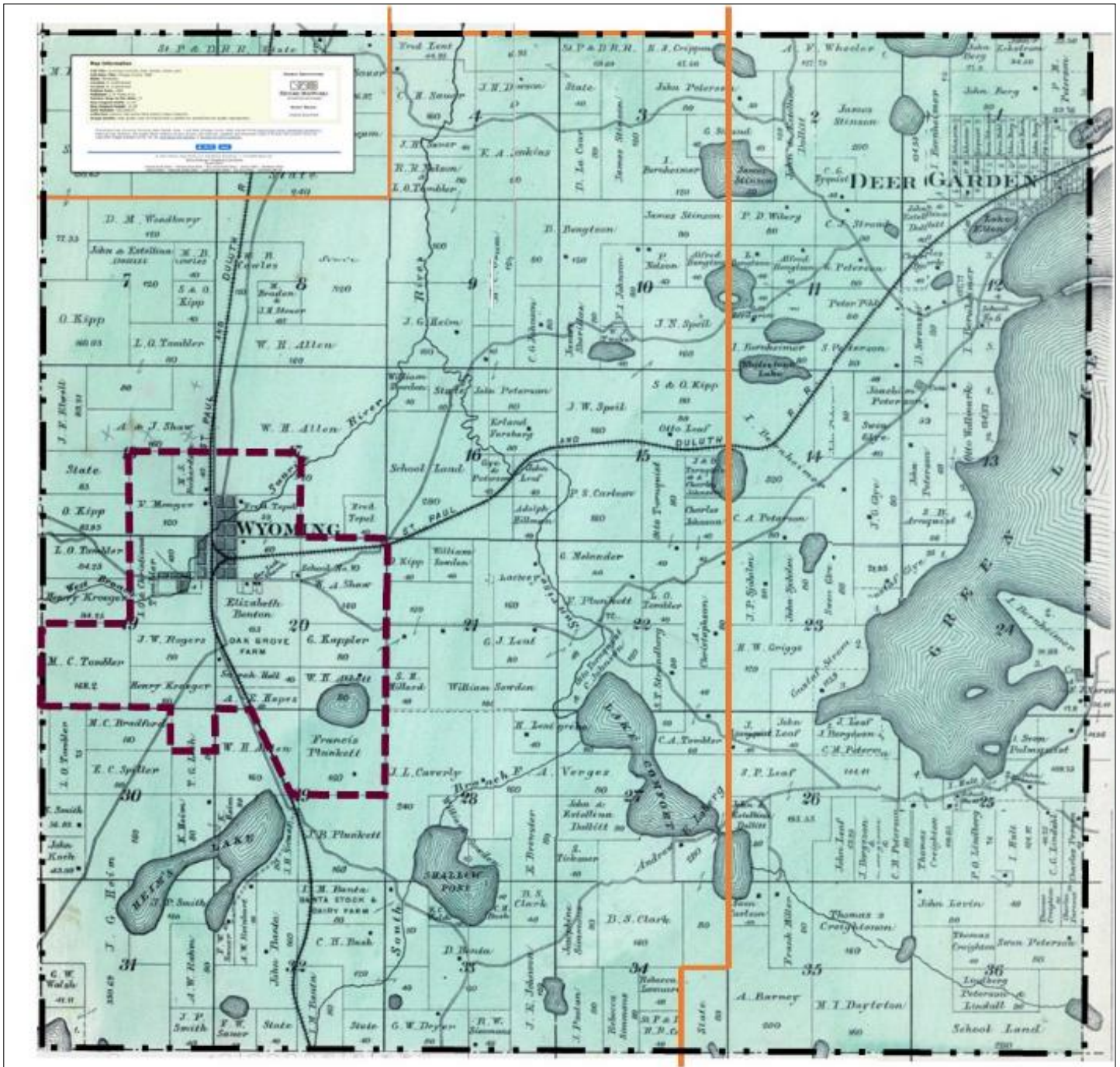
The first settlers arrived in Wyoming in 1855. They were six German and Dutch families from Pennsylvania, shortly joined by families from Chicago and St. Paul. Wyoming Township was organized in 1858. They named the site “Wyoming” because it reminded them of the Wyoming Valley in Pennsylvania. “Wyoming” is an Algonquin word for “large plains” or “extensive meadows”. Many descendants of the original settlers still thrive in the area. The spot where the first structure was built is marked by a memorial stone. It’s in a small park on the southeast corner of 270th Street and Felton Avenue. In those days, it would have overlooked the Sunrise River, just to the North. When Wyoming was founded, there were only 225 houses in St. Paul (Ref. 4).

The original City was platted in 1869, taking its name from the Township.



Source: Minnesota Digital Photo Collection

Wyoming’s growth was closely linked to transportation. Wyoming was the first stop on the stagecoach route from Rice Street in St. Paul to Duluth. The house where travelers stayed overnight still exists. After the era of the stagecoach, the same travelers’ house served as a train crew house when the St. Paul & Duluth Railroad Company laid tracks down the old stage road. In the 1960’s the I-35 freeway was built and the population increased from 1,074 residents in 1960 to 7,839 residents in 2018.



Source: Chisago Historical Society. Gold line illustrates current City Boundary. The Red line depicts the City boundary prior to the merger with the Township.

Figure 1 - 1888 Map of Wyoming Township

Table 1 - Population Growth

Census Year	Wyoming Township		City of Wyoming	
	Population*	percent change	Population*	percent change
1860	240	117.5 percent		
1870	522	-13.8 percent		
1880	450	28.9 percent		
1890	580	29.7 percent		
1900	752	-19.5 percent		
1910	605	17.4 percent	207	22.2 percent
1920	710	-10.1 percent	253	-15.4 percent
1930	638	-5.2 percent	214	18.2 percent
1940	605	-6.4 percent	253	28.5 percent
1950	566	12.9 percent	325	33.8 percent
1960	639	97.5 percent	435	59.8 percent
1970	1262	83.2 percent	695	124.3 percent
1980	2312	28.3 percent	1559	37.4 percent
1990	2967	47.6 percent	2142	42.3 percent
2000	4379	117.5 percent	3048	22.2 percent

*U.S. Decennial Census – Wikipedia

Up until the 1980s, the Township was primarily an agricultural community. Slowly, the transformation of the community began, from rural to small town, and towards metropolitan suburb. The City of Wyoming had also grown steadily, and it had developed infrastructure to support additional development, including its own water and wastewater systems.

Township and City Merger

In 1994, Wyoming Township and the City of Wyoming began merger discussions. In 2003, the City and the Township adopted a joint resolution for the orderly annexation of 611 acres for the site of Polaris Industries in the northeast part of the Township. At the same time, the City extended sewer and water service to the site (**Ref. 4**).

Prior to annexation, approximately 200 - 250 acres of land remained within the City for development. Without annexation of the Township, the City's ability to accommodate growth would be significantly limited. Annexation would allow for further commercial, residential and industrial expansion. At the time, the Township was the fastest growing township in Chisago County, but the growth was almost entirely on one-, two- and five-acre lots with individual wells and individual sewage treatment systems (ISTSs).

On August 15, 2008, the majority of Wyoming Township was merged with the City of Wyoming, with the remaining portions of the Township being annexed into the City of Stacy and Chisago City.

Regional Setting & Population Trends

Wyoming is located in the very southwest corner of Chisago County. The City of Wyoming borders Washington County and the City of Forest Lake to the south, Anoka County and the City of Columbus and Linwood Township to the west, Chisago City to the east, and the City of Stacy to the north. Wyoming is not included in the Seven County Metropolitan Planning Area; the City is not subject to the planning authority of the Metropolitan Council of the Twin Cities.

Over 33 percent of the City is open space (**Ref. 5**) including the Carlos Avery Wildlife Area, numerous wetlands and other natural areas. From the rural origins of Wyoming Township, the City continues to transition to becoming more suburban. The municipal water and sewer services extended to the pre-merger City core area. Generally, the City core area has smaller residential lots and exhibiting a more suburban feel. Commercial and industrial land use is also prominent within the City core. The City core includes a mix of medium to higher density residential, while outside the core, semi-rural and rural land uses predominate, and the Highway 8 Corridor supports residential, commercial and industrial uses. Agricultural uses, including row crops, hay, and livestock operations, still dot the landscape, contributing to the small town feel of the community. (**Table 2**) summarizes the population trends for Wyoming:

Table 2 - Population Trends

Year	Population	Number of households
2008	6,940	2,361
2009	7,013	2,402
2010	7,791	2,845
2011	7,796	2,745
2012	7,777	2,746
2013	7,800	2,754
2014	7,854	2,776
2015	7,877	2,794
2016	7,906	2,804
2017	7,955	2,818
2018	8,037	2,847
2019	8,123	2,878

Source: Minnesota State Demographer

Table 3 - Racial Makeup of Wyoming

Race	2010	July 1, 2019
White	95.5 percent	90 percent
Hispanic	1.5 percent	2.6 percent
Two or more races	1.3 percent	1.4 percent
Asian	0.8 percent	0.0 percent
African American	0.3 percent	7.0 percent
Native American	0.3 percent	0.1 percent
Other races	0.3 percent	0.8 percent

Source: Wikipedia, 2010 Census, Data USA, US Census 2019

In 2018, Chisago County commissioned a housing study. The study indicated that the Wyoming area had the highest population growth in the County with the 2017 – 2030 population expected to increase by almost 30 percent and the number of households to grow by more than 33 percent (Ref.6).

Economic Conditions/Leading Employers

The Wyoming Economic Development Authority (EDA) reports that there are over 100 businesses in Wyoming (Ref. 7). The diversity of small businesses is illustrated in the following chart:

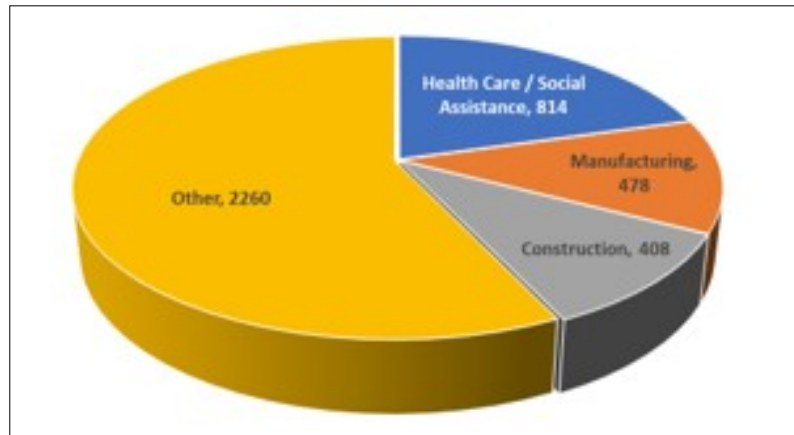


Figure 2 - Estimated Number of Workers

Major employers in the community include:

- M Health Fairview Lakes Medical Center.
- Polaris Industries.
- Rosenbauer Motors.
- Hallberg Marine.



Existing Conditions

Before the City of Wyoming can effectively plan the future, it must first understand existing conditions, including the environmental setting, current land uses, highways and transportation, municipal utilities, and current trends.

General Demographics

With a 2020 population of 8,228, it is the 118th largest City in Minnesota and the 3,548th largest City in the United States. Wyoming is currently growing at a rate of 0.99 percent annually, and its population has increased by 5.61 percent since the most recent census, which recorded a population of 7,791 in 2010. Spanning almost 22 square miles, Wyoming has a population density of 398 people per square mile.

The average household income in Wyoming is \$97,474, with a poverty rate of 2.02 percent. The median rental cost in recent years is \$1,096 per month, and the median house value is \$242,600. The median age in Wyoming is 42.4 years, 38.6 years for males, and 44.7 years for females. For every 100 females there are 112.1 males. (Ref. 7).

Environmental Setting

The total land area of the City is approximately 21.74 square miles that occupies the southwest corner of Chisago County. The topography is mostly flat to rolling, with surface water drainage following the Sunrise River branches to the north and northeast. Surface soil consists mostly of unconsolidated glacial till where the associated surface groundwater is very susceptible to spills of pollutants.

Existing Land Use

Today the City of Wyoming boasts approximately 84.58 acres of land designated for parks and open spaces, miles of scenic views and a multitude of breathtaking lakes and nature areas.

Highways and Transportation

The City continues to benefit from an efficient transportation system proximal to the I-35 interstate, and easy routes to the Twin Cities, St. Cloud, and Duluth, Minnesota.

Interstate I-35

Interstate 35 is the major transportation corridor that connects Wyoming to other Twin Cities to the south and the City of Duluth to the north. The I-35 / East Viking Boulevard interchange serves local businesses and connects businesses and residents alike to the local road system described in the following chapter.

US Highway 8

US Highway 8 traverses the southeastern corner of the City, providing a key transportation connection between I-35 and multiple communities from Wyoming to Taylors Falls and on further into north central Wisconsin. US Highway 8 is a busy roadway with a long history of safety issues. The corridor has been studied extensively to develop solutions for controlled access (signalized) intersections as well as proposed access control improvements, eliminating numerous low volume roadway access point and residential and business entrances.

US Highway 61

US Highway 61 once stretched from the southeast Minnesota community of La Crescent to Grand Portage. The majority of the route was paved by 1926. Construction of the I-35 interstate absorbed the bulk of the traffic. However, US 61 continues to serve as a major corridor through the north metro cities of White Bear Lake, Hugo, Forest Lake, Wyoming, Stacy and North Branch. Former Highway 61 north of East Viking Boulevard was recently turned-back to Chisago County and is now maintained as County State Aid Highway 30 (CSAH 30). US 61 and the associated historic railroad right of way is a major corridor for residents and businesses including service to the M Health Fairview campus and Wyoming Elementary School.

Community Services and Facilities

- City Hall.
- County Library.
- Hallberg Center for the Arts.
- Parks.
- Regional Trails.
- Regional Health Care.
- Industrial/Manufacturing Industries.
- Entertainment Venues.
- Elementary School.
- Open Space.

Current Trends

Our current moderate and deliberate commercial and residential development model appears to also be a logical future trend given our current municipal sewer and water infrastructure limitations. Future development will focus on land areas that can easily be serviced by City sewer and water services. Examples of recent development activity are included in **(Table 4)**.

Table 4 - Recent Development Projects

2015	Heims Lake Villas	33 units of 55+ detached townhomes
2019	Katies Glen PUD	51 units off of Goodview Avenue
2020	Summer Field	Kettle River Boulevard and
2021	Heims Lake Villas – North Addition	34 units of 55+ detached townhomes
2021	Hunter Hill	
2021	Midco Tech Building	

The future involves a balanced build out of the ultimate urban service area (described in the Land Use Chapter) while preserving the character of the community and keeping taxes competitive with area communities. The build out is expected to include redevelopment within the City's Downtown Core to increase services and improve walkability and accessibility.

Planning Factors Affecting Development (Challenges and Opportunities)

Natural Resources

Wyoming is valued for its extensive conservation open space areas, including the Carlos Avery Wildlife Area across the northern third of the City, and the extensive and diverse wetland resources distributed across the entire City. These natural resources contribute to the small town feel and rural setting that attracted many of the area's residents. However, for a City that encompasses over 21 square miles, only about 41 percent of the property is "dry land" that is available to be developed.

Municipal Utilities

The City is part of the Chisago Lakes Joint Sanitary Treatment Commission (CLJSTC) that serves Wyoming and several surrounding communities with a regional wastewater treatment plant and regional conveyance systems (interceptors and lift stations). Extension of future sanitary sewer to the unsewered and undeveloped parts of the City is limited by the cost to construct gravity sewers, lift stations, forcemains (pressure sewer), and by the overall treatment capacity of the regional CLJSTC plant (See "Utilities Plan"). For that reason, the City has established Urban Service Areas to prioritize those parts of the City most easily served with municipal sewer during the next 20 years and beyond. As part of that analysis, it is understood that a significant part of the City will likely not ever be fully served with municipal utilities.

Housing

In 2018, Maxfield Research and Consulting LLC completed a housing study for Chisago County (**Ref. 6**). Maxfield presented initial findings to the City All Boards Meeting on January 30, 2018. Maxfield forecasted that Wyoming would see a 27 percent increase in population by 2030, to over 10,000 residents. Maxfield also predicted the potential housing demand for the City would amount to 4,760 new housing units through the year 2030. Maxfield observed that the lack of housing options could dampen economic development, as employees for future business expansion will not find place to live in the community. In particular, multi-family and rental housing stock for the City is very low.

Kettle River / Viking Boulevard Future Congestion

Several significant projects have been proposed for the northwest quadrant of I-35 and East Viking Boulevard. The area was part of the former Greenwood Golf Course. The development proposals included mixed-use development, including a range of residential housing and lot sizes to meet current demand. Major issues related to development in this area include traffic. The increase in traffic to the East Viking Boulevard / Kettle River Intersection, which is already congested (**Ref. 8**), and further complicated by the I-35 on and off ramps and several business entrances, represents a major issue to be overcome before development can move forward. Developing a transportation solution for this area will be a critical factor for future development proposals.

Inconsistent Stormwater Permitting

The Comfort Lake Forest Lake Watershed District (CLFLWD) has regulatory control over the southern third of Wyoming. The CLFLWD has taxing and permitting authority relating to land use and stormwater management. The area lying north of the watershed boundary falls under City jurisdiction meaning there are two sets of permitting rules and responsibilities which can create enforcement inconsistencies and confusion for developers.

Watershed Boundary

The Comfort Lake Forest Lake Watershed District (CLFLWD) has what is known as a watershed (drainage) boundary and an administrative boundary. Ideally, these two lines should be the same, resulting from those properties taxed by the watershed district actually being located in the watershed, i.e., the area that drains to Comfort Lake. Differences in the boundaries is somewhat commonplace but should be rectified if it has not already been addressed by the district.

Vision, Goals and Objectives

The Comprehensive Plan is based upon a shared vision of the citizenry and stakeholders of what Wyoming should and will become. The Comprehensive Plan establishes goals and objectives that will help to shape and direct growth. Plan envisions what the community will look like in 2030 and beyond, and what strategies will be necessary to get there.

Objectives developed for this plan will guide the community as it grows, matures, transitions, and ultimately attains the anticipated growth. The Comprehensive Plan objectives were formulated from input received from the public, City staff, elected and appointed officials, and other interested individuals.

Vision and Objectives

The City of Wyoming seeks to become an attractive, well-balanced place to live and work, with an appropriate combination of amenities and services. Wyoming will succeed with public-private partnerships focused on opportunities to live, work and play – for a reasonable investment.

When the Council adopted the 2009 Comprehensive Plan for the City, the first for the combined City/Township, an advisory group was formed to develop a set of plan objectives to give direction to the plan. In the process of developing this plan, The Planning Commission further refined these objectives, informed by the 2019 Community Engagement process and survey.

Based on the Commission's work, the following Vision Statement and Objectives were developed to guide the planning effort:

Vision: A thriving and inviting community that preserves our small town feel and natural landscape.

The **Figure 3** illustrates the action-oriented plan objectives that support the plan vision.

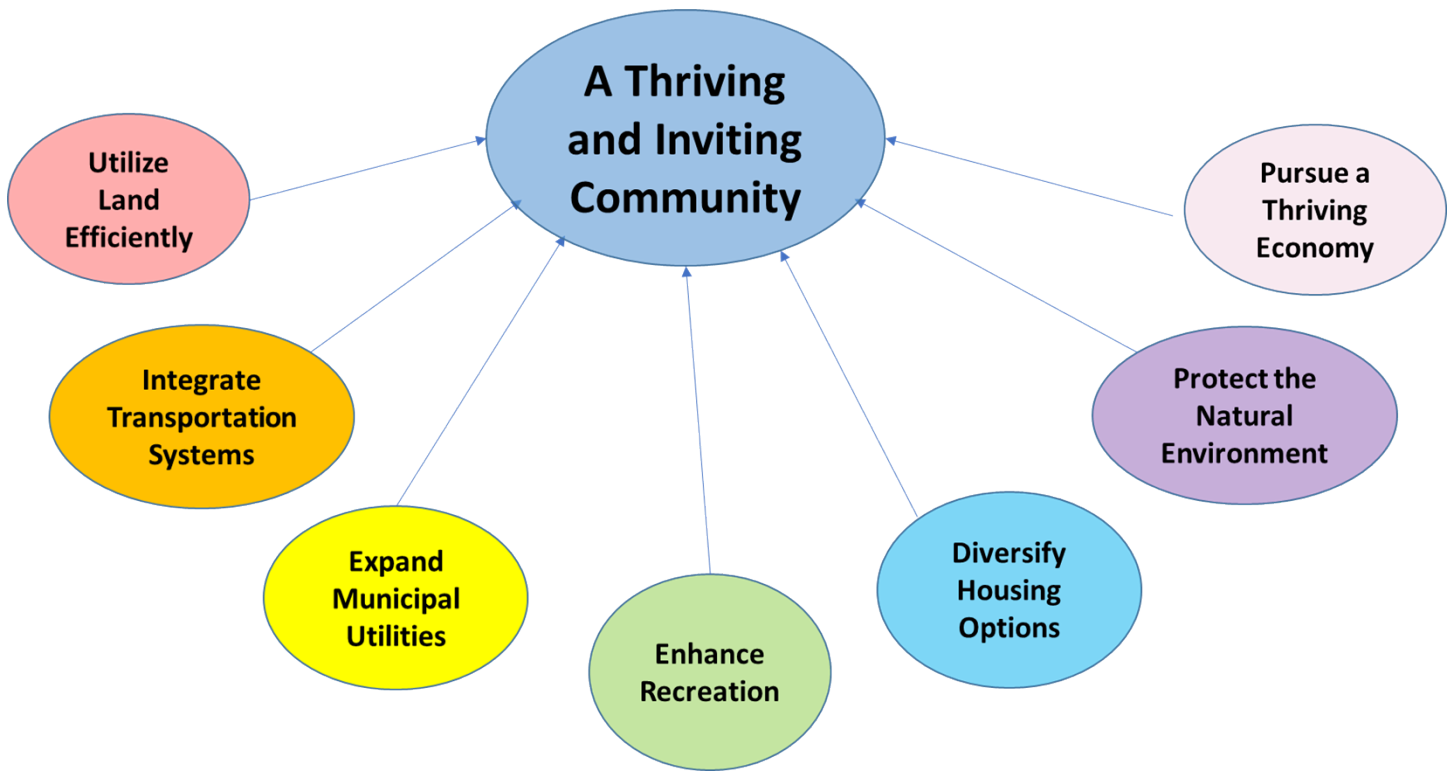


Figure 3 - Plan Vision and Objectives

Plan Overview

Based on the priorities identified through public input, as well as demographic, physical, social, and economic changes affecting the City, the Plan is divided into the following chapters, each with corresponding action-oriented goals:

Land Use Plan

Utilize land efficiently:

- *Plan for more intensive use of land for housing, shops, or industries to allow more resources to be available for other uses, such as farming or urban development.*
- *Pursue a broader mix of residential housing options including more higher density development.*
- *Encourage development in balance with natural resource protections.*

Efficient use of land for a variety of housing types, shops and industries, with sensible requirements for parking, stormwater and green space, will ensure the availability for other uses, such as farming, parks or open space in harmony with planned urban development. As land is developed more efficiently, property tax revenues for city, school district, county and state governments will rise, which will make it more feasible to pay for the many facilities and services needed to support quality of life in the community. In addition, efficient land use can reduce the cost of municipal utilities over time.

Transportation Plan

Integrate Transportation Systems:

- *Interconnect neighborhoods with multiple modes of transportation and safe transportation systems.*
- *Reduce reliance on auto driving.*
- *Ensure that residents can travel throughout the community as pedestrians, while bicycling, and in motor vehicles.*
- *Ensure that these traveling opportunities are accessible to residents of all capabilities through constructing and improving infrastructure to Americans with Disabilities Act (ADA) standards.*

The Transportation Systems Plan addresses the pattern of existing and planned major roads, road design standards and intergovernmental coordination for road improvements.

Utilities

Expand municipal utilities:

- *Increase the use of public potable water and wastewater.*
- *Extend water and wastewater lines in staged and efficient manner in response to market demand and according to City capability.*
- *Equitably finance for public infrastructure related to development and redevelopment.*
- *Consider shared private wastewater disposal systems until public wastewater is available or when public wastewater is infeasible.*

The Utilities Chapter is intended to serve as a guide to completing the future water and sanitary sewer system to serve future development as outlined in the Land Use component.

Parks, Open Space, and Trails

Enhance Recreation Opportunities:

- *Develop, maintain, and improve public parks that provide diverse opportunities for active sports and passive recreation.*
- *Identify, establish, and develop trail corridors that connect the neighborhoods to the park system and to regional trail corridors.*
- *Plan for changes in recreational activities that accommodate changing demands.*
- *Integrate parks and trail systems with significant natural resources.*

The City of Wyoming Parks, Open Space and Trails System chapter guides acquisition of land or fees in lieu of land for municipal parks, promoting the protection of public and private open space and preservation of corridors for multiple-use paths. A greater focus is on neighborhood connectivity and pedestrian access will be applied to future development.

Housing

Diversify Housing Options:

- *Increase the range of housing options for people in all stages of life to retain and attract residents.*
- *Emphasize housing options like starter homes for young families and senior housing in locations that provide additional uses within walking distance.*
- *Preserve the integrity of neighborhoods by ensuring the neighborhoods are maintained to a high standard that reflects the values of the community.*

The City's housing stock is predominantly single family. Recent development has included larger lots and price points well above those for many first-time home buyers. The City will continue to attract multi-family developers and embrace new developments with a variety of life cycle housing options.

Environmental Resources

Protect the Natural Environment:

- *Protect and enhance the quality of our lakes, rivers and wetlands.*
- *Manage and treat stormwater in an effective manner to protect our water resources.*
- *Consider different strategies for equitable stormwater treatment suitable for different levels of land use intensities including on-site treatment, regional treatment and fees-in leu of best management practices.*
- *Protect significant woodlands.*
- *Enforce the regulatory protections for the shoreland of designated lakes and streams.*
- *Link woodlands, wetlands and other undisturbed natural areas into “greenways” will be established through the development process.*

The City must continue to address stormwater in a cost-effective manner to protect our water resources. At the same time, the City must allow for development to pursue for equitable stormwater treatment strategies suitable for different levels of land use intensities, including on-site treatment, regional treatment and fees-in leu of best management practices. The City will continue to enforce the regulatory protections for the shoreland of designated lakes and streams. The City will seek to link woodlands, wetlands and other undisturbed natural areas into “greenways”. The City will pursue opportunities to acquire public access to local natural areas. The City’s plan will ensure that our lakes and rivers are not bounded completely by homes and private properties without access for the general public.

Economic Development

Pursue a Thriving Local Economy:

- *Plan for and allow the creation of additional stores, offices and industries consistent with this comprehensive plan and regulated by zoning ordinance amendments including, but not limited to, encouraging mixed use opportunities.*
- *Diversify the range of local employment opportunities.*
- *Attract well-paying jobs plus goods and services that are needed locally.*
- *Realize increasing property tax revenues for city, school district, county and state governments.*

The Economic Development chapter details the priorities and goals to build upon the economic strength of the community.

Implementation

The Plan is meant to be a living document, grounded in real challenges and opportunities. It is meant to be revisited often and revised as conditions change. The Plan looks out to a horizon of twenty years for further refinement. The City will use the continuous input of the public, whether through formal or informal means, to make sure that the vision, goals and policies are still relevant.

Land Use Plan

Utilize land efficiently:

- *Plan for more intensive use of land for housing, shops, or industries to allow more resources to be available for other uses, such as farming or urban development.*
- *Pursue a broader mix of residential housing options including more higher density development.*
- *Encourage development in balance with natural resource protections.*

The Land Use Plan guides public and private actions regarding the pattern of land use and development and to express ideas from other plan chapters as they relate to land use. Its purpose is to encourage the orderly development of Wyoming, create an attractive and efficient urban environment and protect key natural resources. An efficient use of land for a variety of housing types, shops, and industries, with sensible requirements for parking, stormwater and green space, will ensure the availability for other uses, such as farming, parks or open space in harmony with planned urban development. As land is developed more efficiently, property tax revenues for city, school district, county and state governments will rise, which will make it more feasible to pay for the many facilities and services needed to support quality of life in the community. In addition, efficient land use can reduce the cost of municipal utilities over time.

The Land Use Plan is the central element of the Comprehensive Plan, and many people will think of this chapter as the comprehensive plan. The other plan chapters each related to the Land Use Plan as they each have a geographic component. Consequently, there is some overlap, and other elements provide more detail on certain subjects mentioned in this chapter.

The Land Use Plan translates the community vision for growth and conservation into a recommended physical pattern of neighborhoods, commercial and employment areas, road, and parks. Land use policies seek to influence the location, types, amount, and timing of future growth through private real estate development, public investment in infrastructure and community facilities, and conservation of natural areas. In addition, the policies are intended to ensure that the environment and other long-term public interests are given adequate consideration and protection.

The Land Use Plan will be used by the City in making decisions about private development proposals, and the location, size and timing of public improvements. This chapter serves as the basis for preparing more specific small-area or sketch plans for smaller subsections of the community, such as the central business district or a mixed-use development.

This chapter will be implemented through the City's zoning and subdivision ordinances, which will be amended after the adoption of this plan, and through the administration of that ordinance by City staff, the Planning Commission and the City Council.

The Land Use Plan should not be construed as a final blueprint for specific site development, nor as a prospective zoning map. The identification of preferred land uses does not imply that rezoning a specific area is immediately appropriate. While the zoning and subdivision ordinances must be consistent with this plan, the rezoning process is separate from the planning process and must consider the timing of zoning decision, availability of similar land, and the impact of the rezoning decision on other City objectives and policies.

The Land Use Plan may be amended occasionally as circumstances warrant. The City intends the policy direction of this plan will to be relatively consistent over time. Guidelines for reviewing and updating the plan are included in the Plan Implementation chapter of this comprehensive plan.

Land use patterns play a significant part of defining community identity. The organization of residential, business, and public uses influences how people choose to live, work, and play in the community. Land use relationships that help Wyoming achieve its vision will ultimately create a desirable community. Within the context of this Comprehensive Plan, the Land Use Plan promotes strong residential neighborhoods, a flourishing industrial base, a vibrant Downtown Core, focused commercial areas, and numerous recreational opportunities.

The Land Use Plan looks at broad community patterns; How much growth should be anticipated and accommodated? Where should growth occur? How do land uses relate to the natural environment and to one another?

Land Use Types and Descriptions

The Land Use Plan includes a variety of land use types described below. The land use descriptions identify the future plan for the City, while zoning regulates the actual current and future use. Zoning may need to be updated from time to time to reflect the Comprehensive Plan, while minimizing the creation of non-conforming parcels.

Semi-Rural Neighborhoods

The Semi-Rural Housing Areas are locations that are presently subdivided into parcels of approximately one to ten acres. This may include the present Agricultural, Rural Residential I and Rural Residential II zoning districts. Most of those locations cannot easily be subdivided further into smaller parcels that could economically accommodate public or shared private wastewater systems. The majority of the Semi-Rural Housing Area will continue to be unsewered – that is, continue to be served with individual on-site wastewater treatment systems.

Single Family Residential Neighborhoods

The Single-Family Residential Neighborhoods are areas that can be subdivided and economically served with either public or private shared wastewater treatment systems. Parcel sizes for Single Family Residential Neighborhoods should be in the range of 9,000 to 18,000 square feet. These neighborhoods may also include types of housing that have more than one dwelling per building and have an outdoor entrance for each dwelling, such as townhouses. Neighborhoods with a combination of detached and attached housing types may be approved through a public review process that ensures:

- That nearby housing and roads are adequately protected.
- That the neighborhood provides more natural open space and/or public park than would result if it contained only detached housing.
- That the overall average density of the neighborhood is not more than 20 percent greater than what would be possible only using detached (single-family) housing.
- That no more than 50 percent of the dwelling units are of the attached variety.

Prior to Single Family Residential Neighborhoods being served with municipal or private shared wastewater treatment systems, they will be zoned to allow an average of 1 house per 20 acres (not 20-acre lots) on unsewered sites, and farming activities on sites of 20 acres or larger. Higher average housing densities may be allowed if the applicant receives approval from the City for a plan showing how the property could realistically be re-subdivided in the future and developed with lot sizes of 9,000 to 18,000 square feet that will be served with public or private shared wastewater treatment systems.

Multi-Family Suburban Neighborhoods

Multi-family Suburban Neighborhoods allow townhouses (2, 4 and 8 units) and similar forms of housing that have an individual exterior entrance for each dwelling unit. These neighborhoods may also include detached single-family houses on small lots (approximately 5,000) That are developed and maintained through an association or similar arrangement.

High Density Residential Neighborhoods

High Density Residential includes senior housing and apartment buildings. High Density Residential Neighborhoods should be:

- Permitted only by a “conditional use permit” under the zoning regulations.
- Limited through the zoning regulations to not more than 20 dwelling units per net acre (not counting streets, wetlands, parks, etc.).
- Required to have at least one garage space for every dwelling unit, either under the main building or in a separate building.

Commercial

The Commercial Areas will allow a wide range of businesses that serve the individual consumer, whether for goods or services. These designations are located along the major traffic arteries and can be expected to generate large amounts of traffic. Trash handling, service docks, signs and lighting must be softened through site planning and landscaping. Protecting nearby housing will be an important consideration during the review of site plan applications. Apply zoning regulations to control building materials, landscaping, parking, lighting, signs and access. Access to all parcels must be via City streets.

Two areas designated for commercial development outside of the “Downtown Core” (that are along East Viking Boulevard and Highway 61/County Road 30) include:

- West of the interchange of I-35 and County Road 22.
- Along US Highway 8.

Mixed Use

Mixed Use development must include two or more types of land use, and may include retail businesses or service businesses, office buildings, single-family housing, multi-family housing, and high-density housing. Developers will be required to negotiate a unified and high-quality comprehensive design plan with the City. Any development in this category should be required to obtain a conditional use permit or go through the planned-unit development process. Where Mixed Use development abuts an area either planned for or developed as single family residential, the design for the Mixed-Use site must be compatible with the nearby residential site.

Four areas planned as “Mixed Use” include:

- The southeast quadrant of Highway 61 and 250th Street.
- East of and adjacent to County Road 30 and directly south of the Wyoming – Stacy border.
- Between Kettle River Boulevard and I-35, directly west of the hospital.
- North of and adjacent to US Highway 8 bounded by Heath Avenue to the east and West Comfort Drive to the north.

Downtown Core

The Downtown Core is the location presently known as “Downtown” Wyoming. This area is located east of I-35, generally centered around Highway 61 and East Viking Boulevard. The Downtown Core is intended to be a more densely developed area with retail and service businesses, City Hall, County library and high-density residential neighborhoods.

In the area between Highway 61 and Fenwick Avenue, access should be limited to Highway 61 and/or the east-west streets (as opposed to Fenwick Avenue) and the houses east of Fenwick Avenue should be protected through careful building placement, parking design, landscaping, lighting, trash handling, signage and other site planning. To the extent that the market will allow, buildings in this area should follow the traditional pattern of being located adjacent to the public sidewalk, particularly if adjacent to one of the historic buildings that were constructed in that manner.

Urban design guidelines may be included in the zoning ordinance that is written to implement this plan category. A high level of site landscaping, building façade materials and signage should be required through zoning and site plan review in this highly visible part of the community.

Office and Health Care Business

The Office and Health Care Business land use category allows corporate or professional office buildings, hospital and health clinic buildings, hotels, nursing homes, and high-density residential neighborhoods. Intensive site coverage should be sought in order to maximize the economic benefit. This district is intended to be an attractive employment area; approximately 15 percent of each site should be devoted to generously landscaped green space. A high level of site planning, landscaping and façade treatment will be required through zoning and site plan review. Coordinated campus-style developments are encouraged. Retail or service business will be allowed if they are a secondary component of an office or health care building. No manufacturing or outdoor storage will be allowed.

Industrial and General Business Area

This area provides for the development of a range of industrial and general business uses. This area includes light manufacturing, offices, sales, and research and development. It may also selectively allow retail or service business by conditional use permit, particularly in the industrial area south of the Downtown Core. Locations for industries designated by this plan include portions of the Highway 61 corridor and the site of the former landfill operation along Railroad Avenue. Zoning regulations will be used to control site planning, landscaping, lighting, parking, truck handling, outdoor storage, signs, and access. Access to all parcels must be via City streets. Private redevelopment of properties that have aging buildings and outdoor storage will be encouraged, especially adjacent to the Highway 61 and Sunrise River Trail right of way between Fairview Boulevard and East Viking Boulevard.

The Industrial and General Business Area will allow a variety of light manufacturing, office-showroom, and office buildings. Outdoor storage of goods and materials should only be allowed under a “conditional use permit” that specifies visual screening with buildings, walls, fences, berms, and/or landscaping.

Public and Semi-Public Facilities

This planning district includes public schools the Public Safety Building (former Township Hall site), and other properties owned by the City, the County, or the State of Minnesota. Places of worship are also included in this category.

Parks and Open Space

Parks and Open Space includes lands designated for active and passive recreation. This use does not include any parks that may be privately owned. The exact locations of future neighborhood parks will be determined during the land development process.

Conservation and Open Space

This land use plan category includes all wetlands, which will continue to be protected under the regulations of Chisago County, the Comfort Lake–Forest Lake Watershed District, and other applicable state and federal entities. It also includes the Carlos Avery State Wildlife Management Area, which covers a large portion of the City.

Shoreland and Floodplain Areas

The City of Wyoming will continue to administer its Shoreland regulations for consistency with development, and natural resources protection. The Zoning Map shows the approximate location of the Shoreland Management Overlay Areas within 1,000 feet of state-designated lakes and 300 feet of state-designated streams. The Floodplain areas are encompassed within the Shoreland Management Overlay; however, the Overlay includes lands outside the Floodplain zones.

Table 5 - Land Use and Zoning Description

Comprehensive Plan Land Use Categories	Current Zoning Equivalent
Semi-Rural Housing	Agricultural (A), Rural Residential I (R1), and Rural Residential II (R2)
Lower Density Suburban Neighborhoods	Single Family Residential (R3)
Medium and Higher Density Suburban Neighborhoods	One and Two Family Residential (R4), and Medium and High-Density Housing District (R6)
Downtown Core	Central Business District (CBD)
Commercial	Commercial (C)
Mixed Use	Mixed Use (MXD)
Office and Health Care Business	Office and Health Care (OHC)
Light Industry and General Business Area	Industrial (I) and Commercial (C)
Public and Semi-Public Facilities	No specific zoning district. Government uses are conditional uses in R1, R2, R3, R4, & R6
Public Park	No specific zoning district. Parks are the same district as the surrounding properties
Conservation and Open Space	No specific zoning district. Parks are the same district as the surrounding properties
Shoreland and Floodplain Areas	Shoreland District Overlay and Floodplain Overlay
	Manufactured Home District (R5). Current map has both manufactured home parks as R1
	Highway 8 Overlay
	Solar Energy Systems Overlay
	Closed Landfill Restricted (CLR) District

Table 6 - Acreage by Land Use Category

Land Use Plan Category	Acreage	Percent
Open Space	4,698	33.8 percent
Agriculture	351	2.5 percent
Semi-Rural Housing	2,546	18.3 percent
Low Density Residential	3,611	26.0 percent
High Density Residential	380	2.7 percent
Central Business District	136	1.0 percent
Mixed Use	292	2.1 percent
Commercial	290	2.1 percent
Medical	171	1.2 percent
Industrial	1,394	10.0 percent
Landfill	45	0.3 percent
Totals	13,913	100.0 percent

Source: 2022 Draft Comprehensive Plan (WSB)

Urban Service Area

Future development must reflect the ultimate buildout potential and future urban service goals for the City. There are three different urban service area classifications, each with a different set of goals and land development objectives. The three area classifications are as follows:

1. Interim Urban Service Area
2. Ultimate Urban Service Area
3. Permanently Unserved Area

Development that occurs today, depending on where it is located, must be mindful of the ultimate buildout potential and future urban service goals for that portion of the City, and should be sized and designed appropriately.

Interim Urban Service Area

The goal for the Interim Urban Service Area is to extend urban services concurrent with the timing of new development. This is the portion of the City where urban services are either currently available, or where the opportunity to supply urban services has been evaluated and determined to be feasible (given current infrastructure) within the time 20-year horizon of this Plan. The City will revisit the boundary of this area as development occurs and improvements are brought online. This boundary will be amended during the update of this plan ten years after adoption. **Figure 4** illustrates the Interim Urban Service Area.

Ultimate Urban Service Area

The development goal for the Ultimate Urban Service Area is to utilize one of the two following methods in unserved residential subdivision development:

1. Develop at densities no greater than allowed by the Agriculture or Rural Residential zoning district so that future re-subdivision is feasible when utilities are extended.
2. Plan for a community septic system to support the subdivision development.

This area of Wyoming lies outside of the current urban service area but includes the portions of the City that may become eligible for urban service connections at some time beyond the 20-year planning horizon. Proposed development in this area will not be served at this time but should anticipate the potential for ultimate urban service density and connectivity.

Regardless of which method of development occurs, the City may require a “ghost plat” - a subdivision to show how future subdivision lots could allow for eventual urban density served with municipal utilities. For commercial development in the Ultimate Urban Service area, all new development should undergo a site a plan review to evaluate the capacity of the site to support septic and ensure sufficient water supply for operation and fire suppression. **Figure 5** depicts the Ultimate Urban Service Area.

Permanently Un-Served Area

In this portion of the City, the development goal is to conform to the regulations of the governing zoning district with respect to minimum lot size and developable land requirements. These areas of Wyoming are anticipated to never be served with urban services. The natural features, existing lot sizes, lack of connectivity, and rural nature of these areas make it poorly suited for development at urban densities.

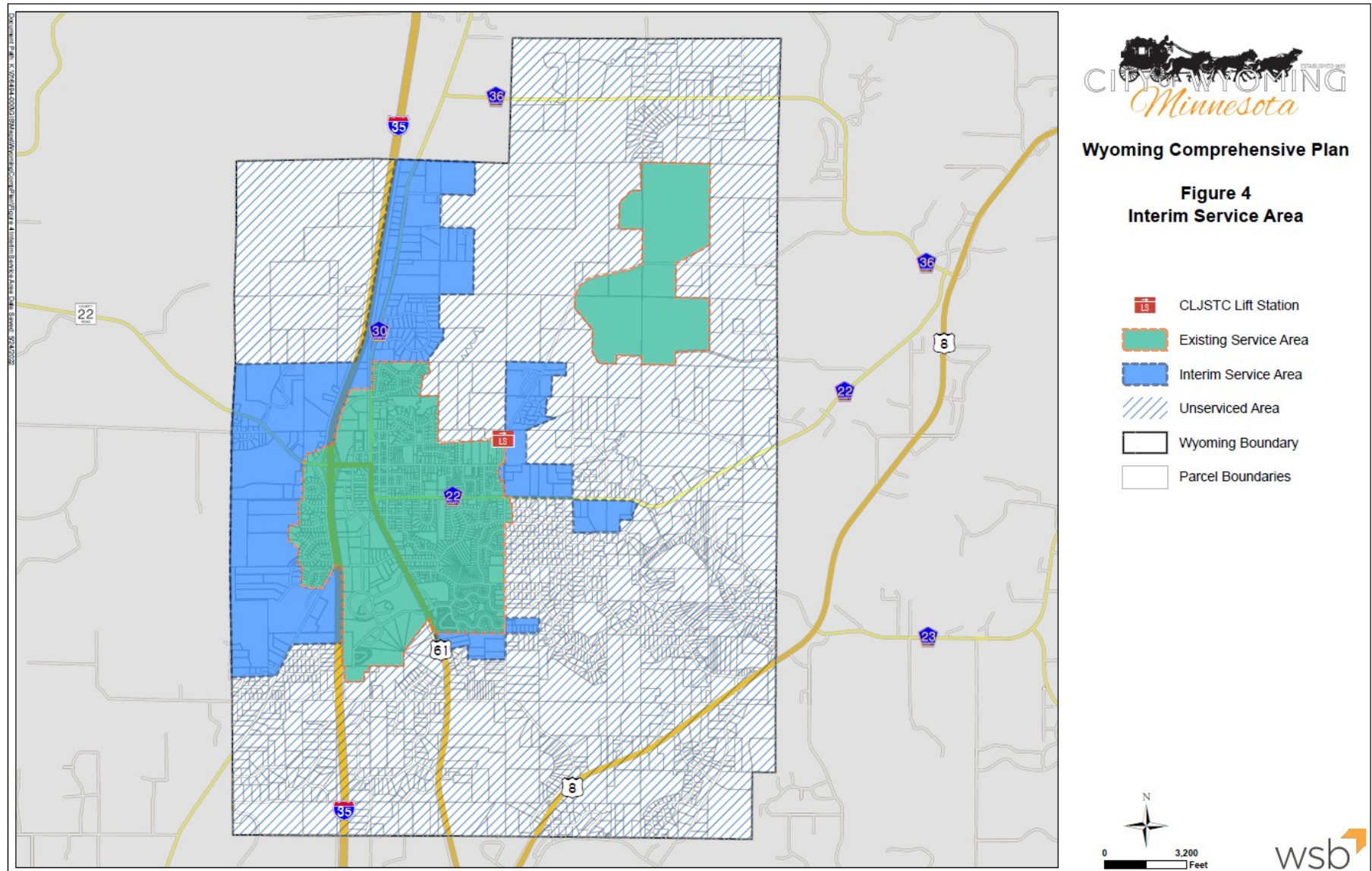


Figure 4 - Interim Service Area

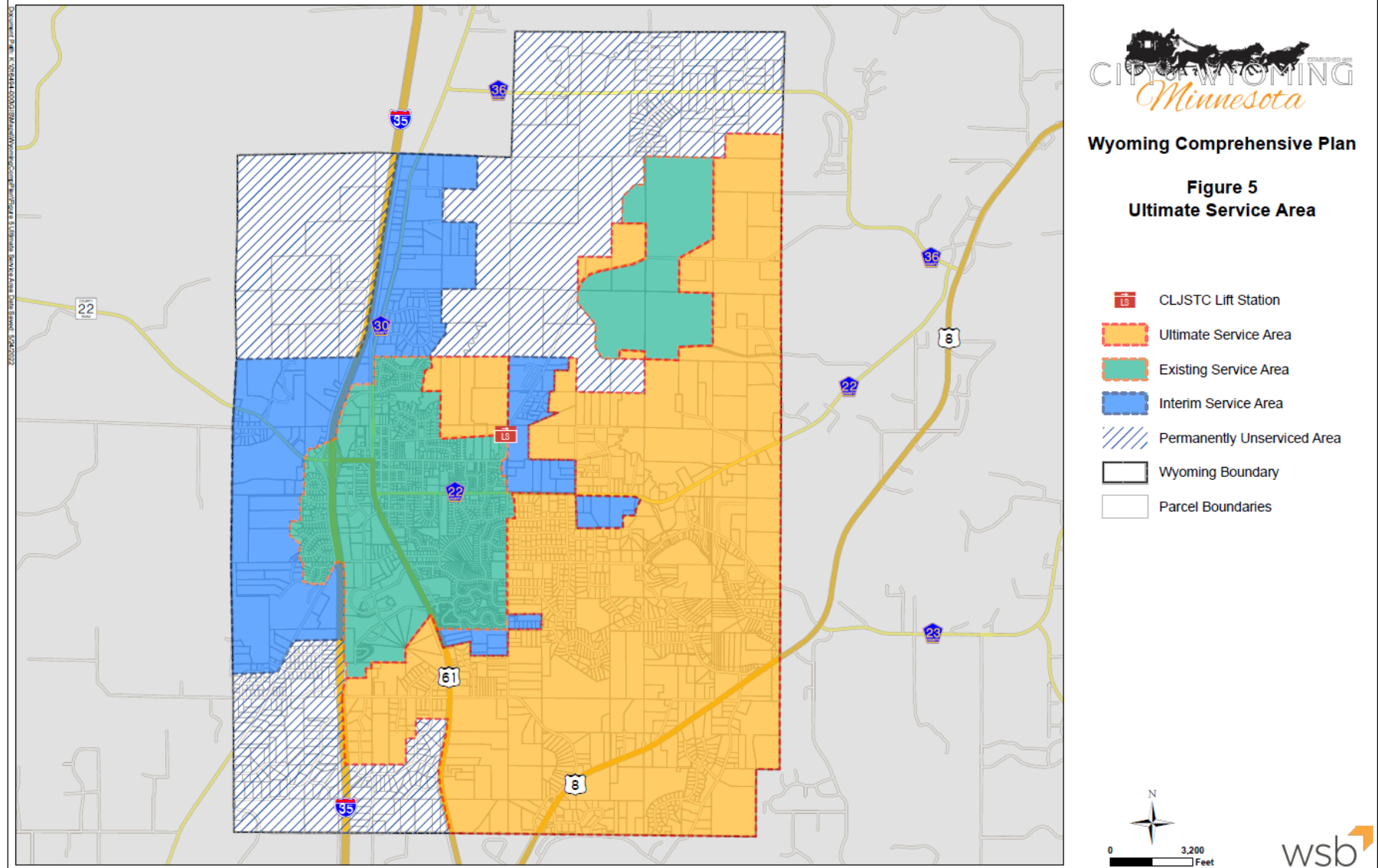


Figure 5 - Ultimate Service Area

Land Use Plan

The City of Wyoming Land Use Plan map is a guide to zoning land for future use or conservation. It is not a zoning map and does not have the force of law that a zoning ordinance and zoning map do. Consequently, the zoning districts may not correspond perfectly with this land use plan map. The zoning ordinance and zoning map should be revisited after the adoption of this comprehensive plan.

Table 7 - Land Use Categories and Urban Service Areas (acres)

Land Use	Existing Service Area	Interim Service Area	Ultimate Service Area	Permanently Unserved Area	Entire City
Open Space	156	613	1,503	2,426	4,698
Agriculture	-	-	-	351	351
Semi-Rural Housing	0	147	1,513	886	2,546
Low Density Residential	893	561	1,691	466	3,611
High Density Residential	53	64	263	-	380
Central Business District	136	-	-	-	136
Mixed Use	4	96	190	1	292
Commercial	4	23	269	5	290
Medical	171	0	-	0	171
Industrial	782	367	188	57	1,394
Landfill	-	5	40	-	45
Totals	2,199	1,876	5,647	4,191	13,914

Source: 2022 Draft Comprehensive Plan (WSB)

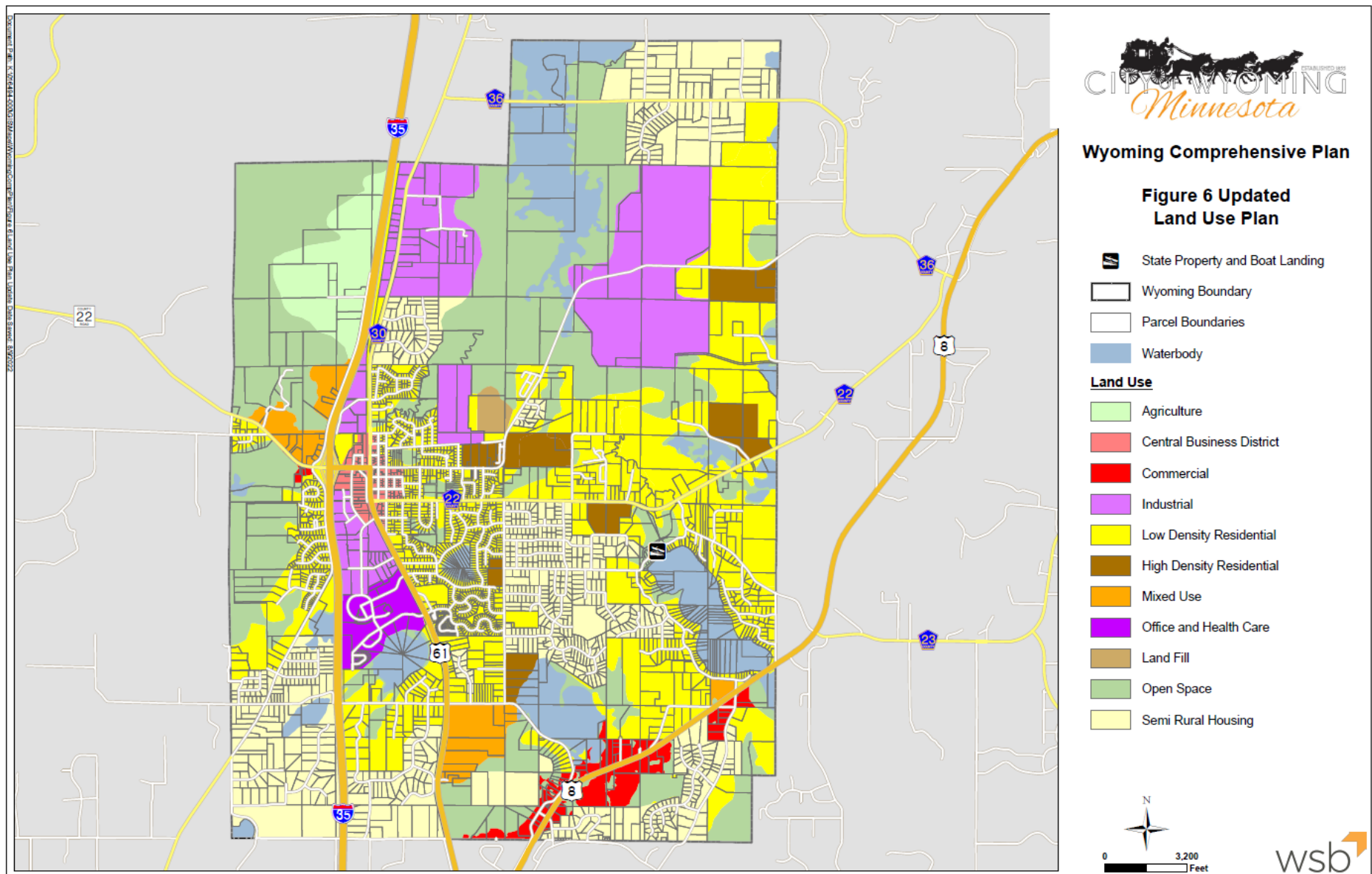


Figure 6 - Updated Land Use Plan

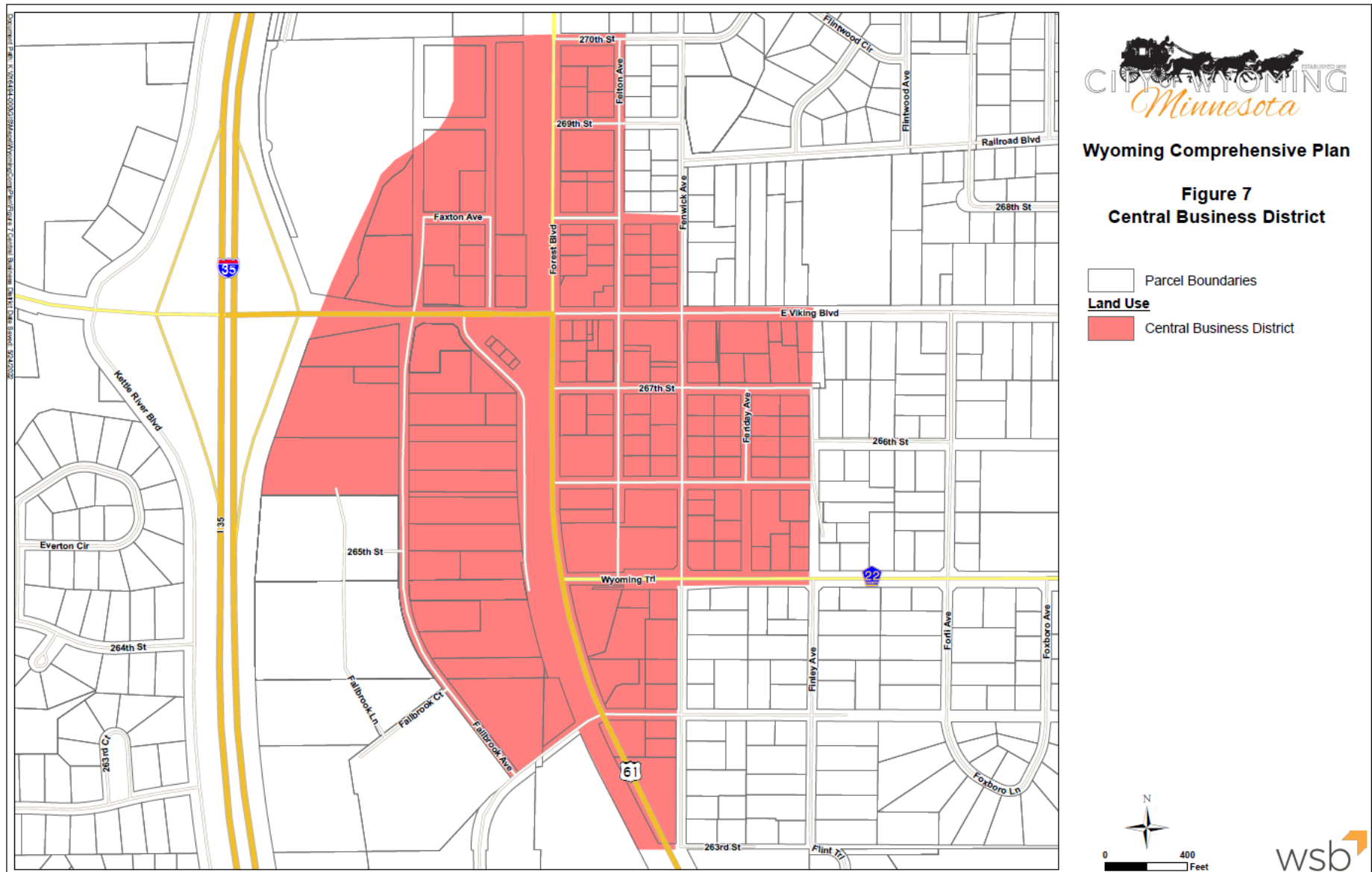


Figure 7 - Central Business District

Transportation Plan

Integrate Transportation Systems:

- *Interconnect neighborhoods with multiple modes of transportation and safe transportation systems.*
- *Reduce reliance on auto driving.*
- *Ensure that residents can travel throughout the community as pedestrians, while bicycling, and in motor vehicles.*
- *Ensure that these traveling opportunities are accessible to residents of all capabilities through constructing and improving infrastructure to Americans with Disabilities Act (ADA) standards.*

The City of Wyoming Transportation Plan describes the pattern of existing and planned major roads, establishes road design standards, and addresses intergovernmental coordination for road improvements.

Functional Classification

Functional classification is a method of categorizing streets by the type of transportation service provided, and the roadway's relationship to surrounding land uses. The purpose of a functional classification system is to create a hierarchy of roads that collect and distribute traffic from neighborhoods to the metropolitan highway system, in an efficient manner given the topography and other physical constraints of the area. This system is intended to create an orderly pattern of roads with appropriate spacing, access control, traffic capacity, and speed limits so as to accommodate planned land use densities and provide for safe and efficient movement.

The major road system functional classifications include:

- Principal Arterial
- Minor Arterial
- Collector
- Local

The functional classifications provide for freeway, urban, and rural standards. **Figure 8** illustrates the planned pattern of the road functional classification. **Table 8** lists roads by functional class, number of lanes, jurisdictional class and sub-class. Wyoming will work with the adjacent municipal jurisdictions, Chisago County and the Minnesota Department of Transportation to implement the proposed functional classification plan shown in **(Figure 8)**.

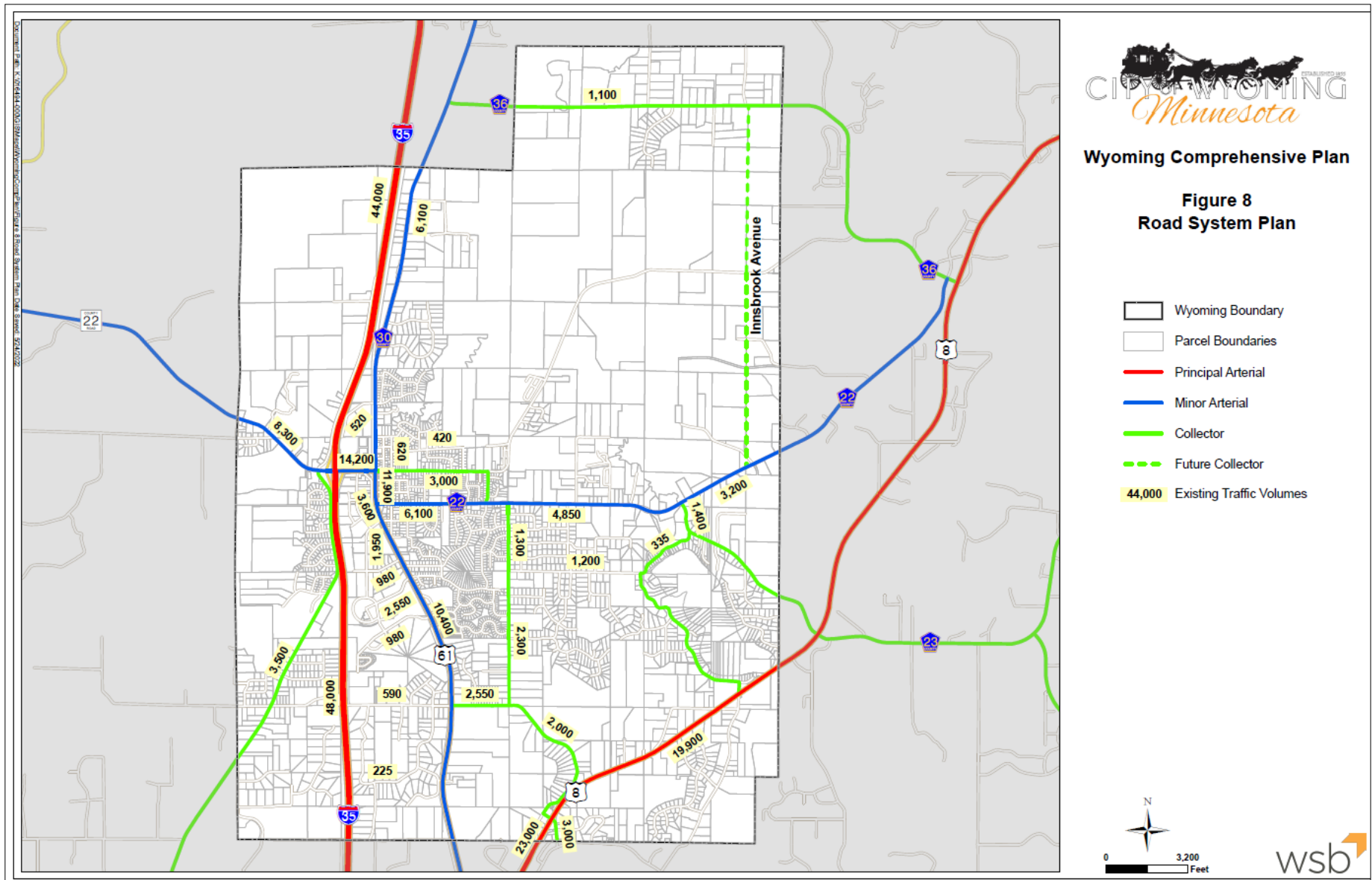


Figure 8 - Road System Plan

Table 8 - Functional Classification and Jurisdiction by Street

Classification	Jurisdiction	Lanes
Principal Arterials		
I-35	State	4
US 8	State	2 or 4
Minor Arterials		
US 61	State	2 or 3
County Road 22	Chisago County	2
County Road 30	Chisago County	2
Collectors		
County Road 36	Chisago County	2
Viking Boulevard (west of US 61)	City of Wyoming	2
Goodview Avenue (south of CSAH 22)	City of Wyoming	2
Glen Oak Drive (north of CSAH 22)	Chisago County	2
Pioneer Road	City of Wyoming	2
250 th Street (partial)	City of Wyoming	
West Comfort Lake Drive	City of Wyoming	2
Kettle River Boulevard	Chisago County	2
Innsbrook Avenue (future road)	City of Wyoming	2

Principal Arterials

Principal arterials are roadways that provide the greatest level of mobility and access control. Within the metropolitan area, the great majority of principal arterials are under MnDOT jurisdiction. Principal arterials are typically interstate highways or other state or federal freeways or expressways. These facilities are intended to serve trips greater than eight miles, and express transit trips. Spacing of principal arterials varies within developing areas of the metropolitan area. Typically, these facilities are spaced between two and six miles apart. These facilities connect regional business and commercial concentrations, transportation terminals, and large institutions within the metropolitan area. Principal arterials also connect other cities, regions, and states outside of the metropolitan area.

Principal arterials are intended to maintain average speeds of 40 mph during peak traffic periods. To maintain mobility and speeds on principal arterials, land access and transportation system connections are limited. There is little to no direct land access from principal arterials. Intersections are limited to interstate freeways, other principal arterials, and “A” Minor arterials. Access points are typically grade-separated, or controlled with a signal, and are spaced one to two miles apart.

Minor Arterials

Minor arterials maintain a focus on mobility but provide more land access than principal arterials. Minor arterials are intended to serve trips of four to eight miles in length. Within developing areas of the metro, these facilities are spaced between one and two miles apart. Minor arterials connect cities and towns within the region, and link to regional business and commercial concentrations. Access points along minor arterials are generally at-grade, and typically controlled with signals or stop signs.

During peak traffic, minor arterials in developing areas are intended to maintain 30 mph average speeds. As a result, transportation system connections are limited to interstate freeways, other principal arterials, other minor arterials, collectors, and some local streets. Land access is limited to concentrations of commercial and industrial land uses.

Collector Roadways

Collector roadways provide linkages to larger developments and community amenities. They generally do not link communities to one another. Collector roadways generally favor access to the system over mobility but try to balance the two competing needs. These roadways are generally lower speed than the principal or minor arterial routes. They are usually owned and operated by cities, although counties operate some of these facilities. Collectors are intended to serve trips of one to four miles in length. Collectors link minor arterials, other collectors, and local streets.

Future Innsbrook Avenue should be constructed in the corridor suggested by **(Figure 8)** but may be aligned differently to avoid natural or man-made features. The Innsbrook Avenue right-of way would also serve as a critical future utility corridor.

Local Streets

Local streets provide access to adjacent properties and neighborhoods. Local streets are generally low speed and designed to discourage through traffic. All the remaining roadways in the City that were not listed under the previous functional classifications above fall under the local road designation. Wyoming has a unique street system due to the presence of many large natural features, including Carlos Avery Wildlife Refuge, lakes, wetlands and streams. Sensitivity to and preservation of these natural features is important and has played a large role in the development of the street system within the City. This has resulted in an interconnected street system that differs from the traditional grid system evident in other communities. Connectivity and continuity of roadways within the City is an issue that will persist as the City continues to balance the need to preserve these natural features with the need to provide accessibility, mobility, and efficiency within its transportation system.

Local and collector streets may be designed to either urban standards (curbing) or rural standards (shoulders and swales or ditches).

Roadway Capacity

Roadway capacity deficiencies and needs were determined using the existing Average Daily Traffic (ADT) volumes, based on data from the MnDOT traffic volume website, and City traffic counts. **Figure 8** shows the existing traffic volumes on the area roadway system. Roadway capacity and roadway safety are two key indicators of how well the roadway system is meeting the City's transportation needs.

Existing Roadway Capacity

A roadway's capacity indicates how many vehicles may use a roadway before it experiences congestion. Capacity is largely dependent upon the number of lanes. **Table 9** illustrates the planning-level thresholds that indicate a roadway's capacity. Additional variation (more or less capacity) on an individual roadway segment is influenced by a number of factors including amount of access, type of access, peak hour percent of traffic, directional split of traffic, truck percent, opportunities to pass, amount of turning traffic, the availability of dedicated turn lanes, parking availability, intersection spacing, signal timing and a variety of other factors. At the planning level, capacity problems are identified by comparing the existing number of lanes with current traffic volumes.

Table 9 - Planning Level Roadway Capacity

Facility Type		Daily Two-Way Volume	
		Lower Threshold	Higher Threshold
Arterials	Two-lane undivided	10,000	12,000
	Two-lane divided or three-lane undivided	15,000	17,000
	Four-lane undivided	18,000	22,000
	Four-lane divided or five-lane undivided	28,000	32,000
Freeways	Four-lane freeway	60,000	80,000
	Six-lane freeway	90,000	120,000
	Eight-lane freeway or higher	Calculated on a segment-by-segment basis	

Source: FHWA Highway Capacity Manual and WSB Experience from Previous Projects

Using the methodology described above, existing capacity deficiencies were identified by comparing existing average daily traffic (ADT) volumes to the thresholds noted in **(Table 9)**. The existing traffic volumes **(Figure 8)**, and the existing number of lanes, were used to develop the existing capacity deficiencies. Congested roadway segments are defined as those with a volume-to-capacity ratio at or above 1.0, which signifies that a segment of road has observed volumes which exceed its design capacity. Roadways that are approaching capacity have a volume-to-capacity ratio of 0.85 to 1.0.

All City of Wyoming existing volumes on local City streets are below or within the planning level capacity thresholds shown in **(Table 9)**. However, some congestion does occur along some primary routes, such as TH 8, TH 61 and CSAH 22 due to operational constraints at intersections.

Based on this review, the following road segment currently exceeds its design capacity:

- TH 61 – CSAH 22 (Wyoming Trail) to CSAH 22 (Viking Blvd)
- TH 8 - TH 61 to east City Limit

In addition, the following roadways are currently approaching congestion:

- TH 61 – South of CSAH 22 (Wyoming Trail)
- CSAH 22 (Viking Blvd) – I-35 to TH 61

The methodology described above is a planning-level analysis that uses average daily traffic volumes and is not appropriate for all traffic conditions. Traffic conditions that do not fit the average daily traffic criteria (i.e., weekend travel, holiday travel, special events, etc.) are likely to produce different levels of congestion. Further, this methodology does not take into account specific geometric conditions that exist at the intersection nodes, potential peaking characteristics of these roadways, or directional flow disparities, which can greatly impact the order of magnitude of the deficiency (either meaning there is not a deficiency, or it is more significant than what is indicated by the average daily traffic (ADT) alone). For purposes of the transportation planning process, this volume-to-capacity (v/c) methodology is widely accepted and applicable. For detailed design consideration of access management, intersection traffic control and congestion mitigation, the City may require a traffic study, providing detailed operational analysis for specific developments.

Safety Issues

A central transportation issue is roadway safety. MnDOT maintains a database of crash records from around the State of Minnesota. These records identify the location, severity and circumstances associated with each crash. This dataset is useful for identifying crashes within the City, but it should be noted that the crash location data input may not always be extremely accurate. Therefore, further evaluation may be needed to determine if safety issues exist at locations identified as having a high frequency of crashes. MnDOT's dataset was reviewed to identify the number, location and severity of crashes in the City of Wyoming for the years 2016 - 2020. Overall, there were 451 crashes, of which 5 involved fatalities, 119 involved personal injury, and 327 involved property damage (**Table 10**). These crashes were generally widely distributed throughout the City, with most locations accounting for only one or two incidents, suggesting that a crash at that location was a random event. However, several of these crashes were concentrated at a limited number of locations.

Table 10 - Motor Vehicle Crashes in Wyoming (2016-2020)

Number of Crashes						
Year	Fatal Crashes	Personal Injury Crashes			Property Damage Crashes	Total Crashes
		Type A - Incapacitating Injury	Type B - Non-Incapacitating Injury	Type C - Possible Injury		
2016	0	2	7	16	61	86
2017	1	0	6	13	63	83
2018	2	3	5	16	70	96
2019	1	2	9	17	78	107
2020	1	2	10	11	55	79
5-Year Total	5	9	37	73	327	451
5-Year Average	1	2	7	15	65	90

**Includes Interstate and Trunk Highway Facilities*

There is a high correlation between the frequency of crashes and traffic volumes. Roadways with high volumes have a tendency to have more crashes than a lower volume roadway. A planning-level safety analysis was conducted to identify locations in Wyoming with a high frequency of crashes. Further investigation is warranted at these locations to evaluate the types of crashes and to calculate crash rates at these locations to determine their relevance. The intersections with the most crashes are listed in (**Table 11**).

Table 11 - Top Eight Crash Locations in Wyoming (2016-2020) (by total crashes)

Crash Location Descriptions	Number of Crashes					
	Fatal Crashes	Personal Injury Crashes			Property Damage Crashes	Total Crashes
		Type A	Type B	Type C		
1. TH 8 at Greenway Ave	0	1	3	9	24	37
2. CSAH 22 at NB I-35 Ramp	0	1	1	0	14	16
3. TH 61 at CSAH 30	0	0	0	4	7	11
4. TH 61 at CSAH 22	0	0	1	3	5	9
5. CSAH 22 at Kettle River Blvd	0	0	1	1	7	9
6. CSAH 22 at SB I-35 Ramp	0	2	0	2	7	9
7. TH 61 at 257 th St	0	0	0	4	2	8
8. TH 61 at 250 th St	0	0	1	0	6	7

In keeping with the State's goal of "Toward Zero Deaths", additional analysis of the fatal crashes within the City over the five-year study period was also conducted using crash reports. Based on the reports, roadway geometry was not cited as contributing factors in the fatal crashes. Instead, the reports showed that 4 of the 5 fatal crashes occurred on I-35 and the other on 250th Street west of Kettle River Blvd.

Access Management

The purpose of access management is to provide adequate access to adjacent land development while maintaining acceptable traffic flow on higher level roadways. Management consists of carefully controlling the spacing and design of public street intersections and private access points to the public roadway system. Arterials, being designed for higher speed, and longer distance trips, generally have reduced or restricted access, while local streets can accommodate much greater access. Collector roadways fall in between arterials and local roadways regarding the amount of access that is permitted. The agency with jurisdiction over a roadway establishes access management guidelines. Access to US 61 and US 8 must meet MnDOT access management guidelines and is permitted subject to conditions.

Chisago County has established access management guidelines for urban and rural areas. Chisago County requires permits for new driveway access to County roads, and when land uses change at a site adjacent to a County road. Chisago County typically requires that new access points meet its guidelines; however, the County can make exceptions to the guidelines with sufficient justification. The City of Wyoming does not have access management guidelines for City streets. The City evaluates new and modified accesses to its City streets through a permitting process on a case-by-case basis.

It should be noted that there are existing access points that do not meet County and MnDOT access spacing guidelines. In many cases, these access points were established prior to agency access spacing guidelines. In other cases, the agency has granted an exception to the existing guidelines. As roadways are reconstructed, each of these agencies generally works to modify and/or relocate access points that do not meet current access spacing guidelines.

Road Design and Right of Way

A system of design guidelines is an effective tool to help provide safe, efficient, and consistent roadway networks. Some situations may require additional analysis due to unusual or unforeseen conditions but established baseline standards will minimize design uncertainties in most circumstances. This is not a purely technical issue, and individual communities may have different preferences for design standards. The City prefers efficient connectivity with neighboring communities.

Traffic Calming

Traffic calming is an approach which is generally used to accomplish one or more of the following primary objectives:

- Reduce speeds on local streets.
- Reduce cut-through (non-local) traffic levels on local streets.
- Improve safety and usability for non-motorized traffic.

Under certain circumstances, traffic calming can be used on collector level roadways to reduce speeds, primarily at intersections. The focus is on “returning neighborhood streets to the neighborhood.” Traffic calming efforts are best evaluated and implemented within the context of the overall transportation network serving the City. It is never advisable to simply shift a problem from one street or area to another. Since so much of Wyoming is rural in nature, traffic calming may not have the same application as in more typical urban settings. However, the types of measures identified below should be kept in mind as possible “tools in the toolbox:”

- Traffic circles/roundabouts.
- Lateral lane shifts – roadway striping.
- Curb extensions/neckdowns at intersections.
- Speed humps/tables.
- Raised crosswalks.
- Diverters – close access to street.
- Driver feedback signs.

It has been suggested that narrowed streets reduce speeds. However, empirical data on this is not conclusive. Traffic calming measures as listed above, should be reviewed on a case-by-case basis but should be evaluated within the context of the overall street network and from the perspective broad based policy objectives.

Complete Streets

“Complete Streets” refers to the planning, scoping, design, implementation, operation, and maintenance of roads as described in Minnesota Statutes (MINN. STAT. 174.75, Subd. 1.). Complete Streets is a process for developing a transportation network that best accommodates all modes of transportation. Roadway planners and designers must systematically consider all modes when developing their long-range plans and short-term maintenance and construction projects. The City of Wyoming supports considering implementing a Complete Streets process in roadway reconstruction projects where appropriate and feasible.

Jurisdictional Classification Plan

Jurisdiction over the City's roadway system is shared among three levels of government including the State of Minnesota, Chisago County and the City. The Minnesota Department of Transportation (Mn/DOT) maintains the Interstate and State trunk highway systems. Chisago County maintains the County State Aid Highway (CSAH) and County Road systems. The City

maintains the remaining streets. The City is required to designate which local roads are included in the Municipal State Aid (MSA) system and thereby eligible to receive funding for construction projects. The program is administered by the Minnesota Department of Transportation (MnDOT). The City is part of MnDOT's Metro region.

Intergovernmental Coordination

Minnesota Department of Transportation

Highway 8 Capacity and Safety Improvements

The Hwy 8 Corridor Study began in 2008 and is now close to being finalized. The study considered a range of roadway alternatives to address Hwy 8 capacity, including access and safety issues between Greenway Avenue North and Karmel Avenue in the cities of Wyoming and Chisago. Chisago County is now leading a project to identify a long-term solution to improve safety and mobility along U.S. Highway 8 from I-35 in Forest Lake to Karmel Avenue in Chisago County. The County is looking at a few options for a new corridor design, which will to address safety and mobility issues, while taking pedestrian and bicyclist needs into consideration. Currently, work is being done on the environmental review, traffic analysis, hydraulics and preliminary design of the corridor. **Figure 9** shows the April 2022 concept being considered.

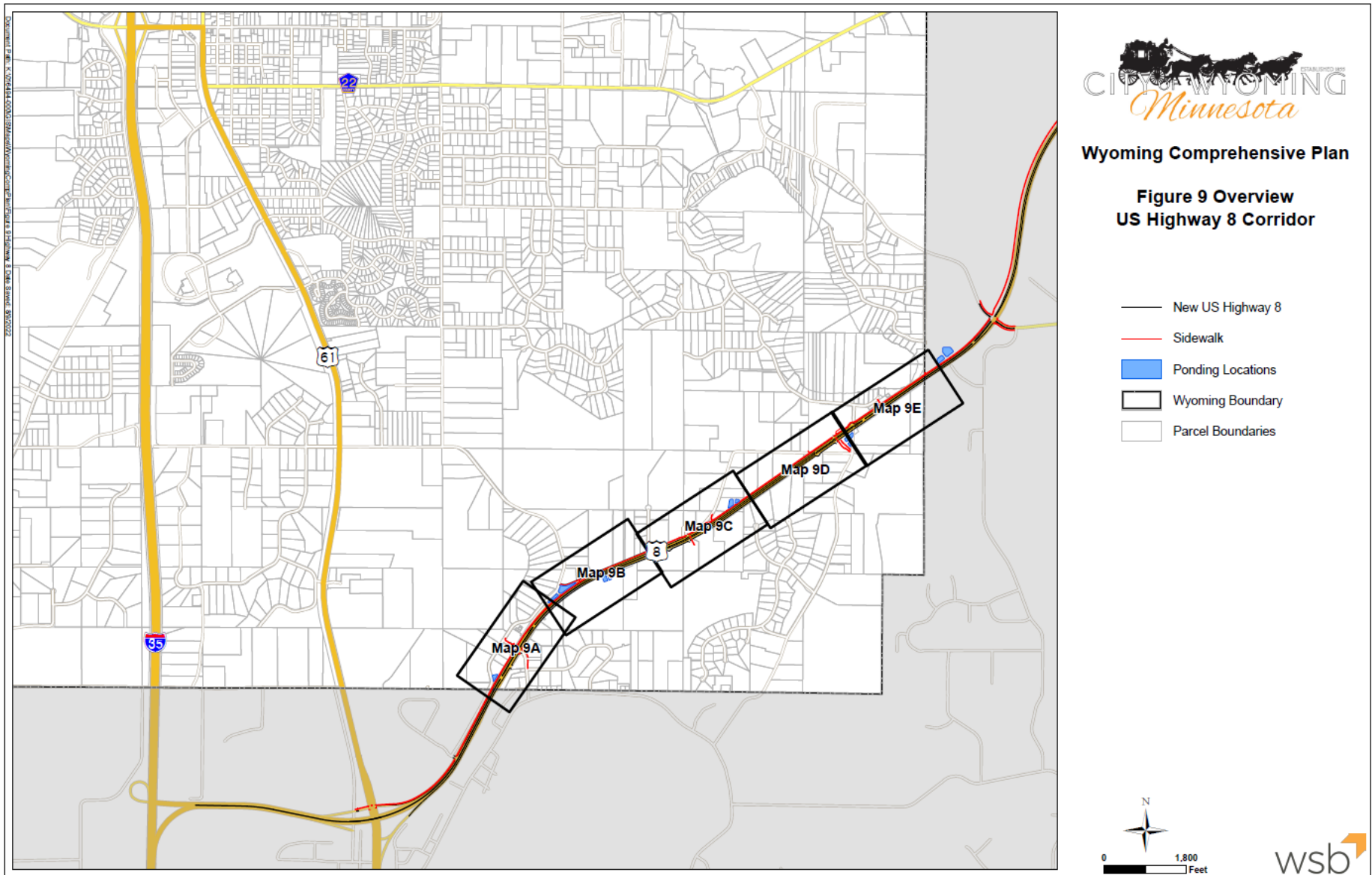
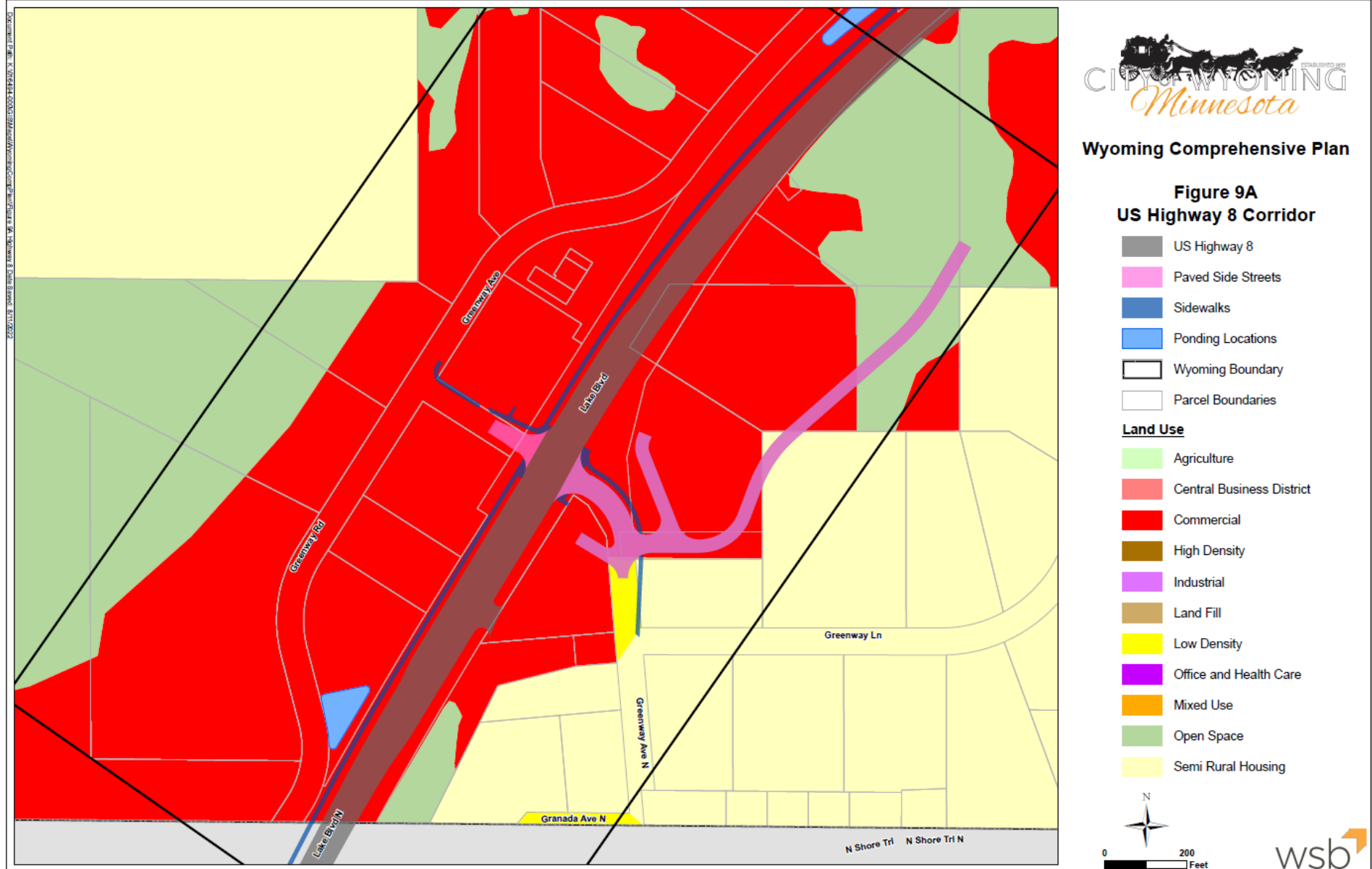
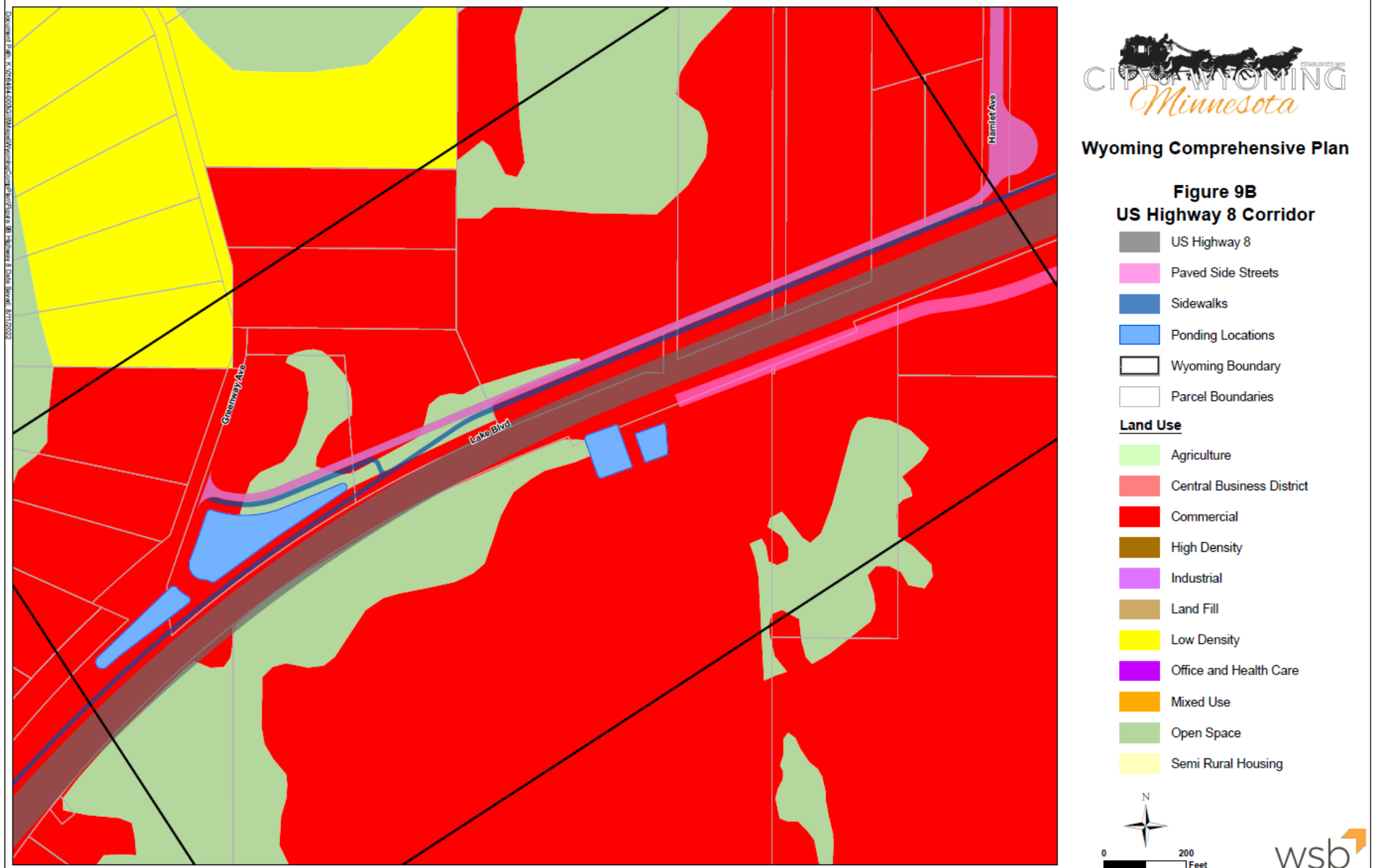
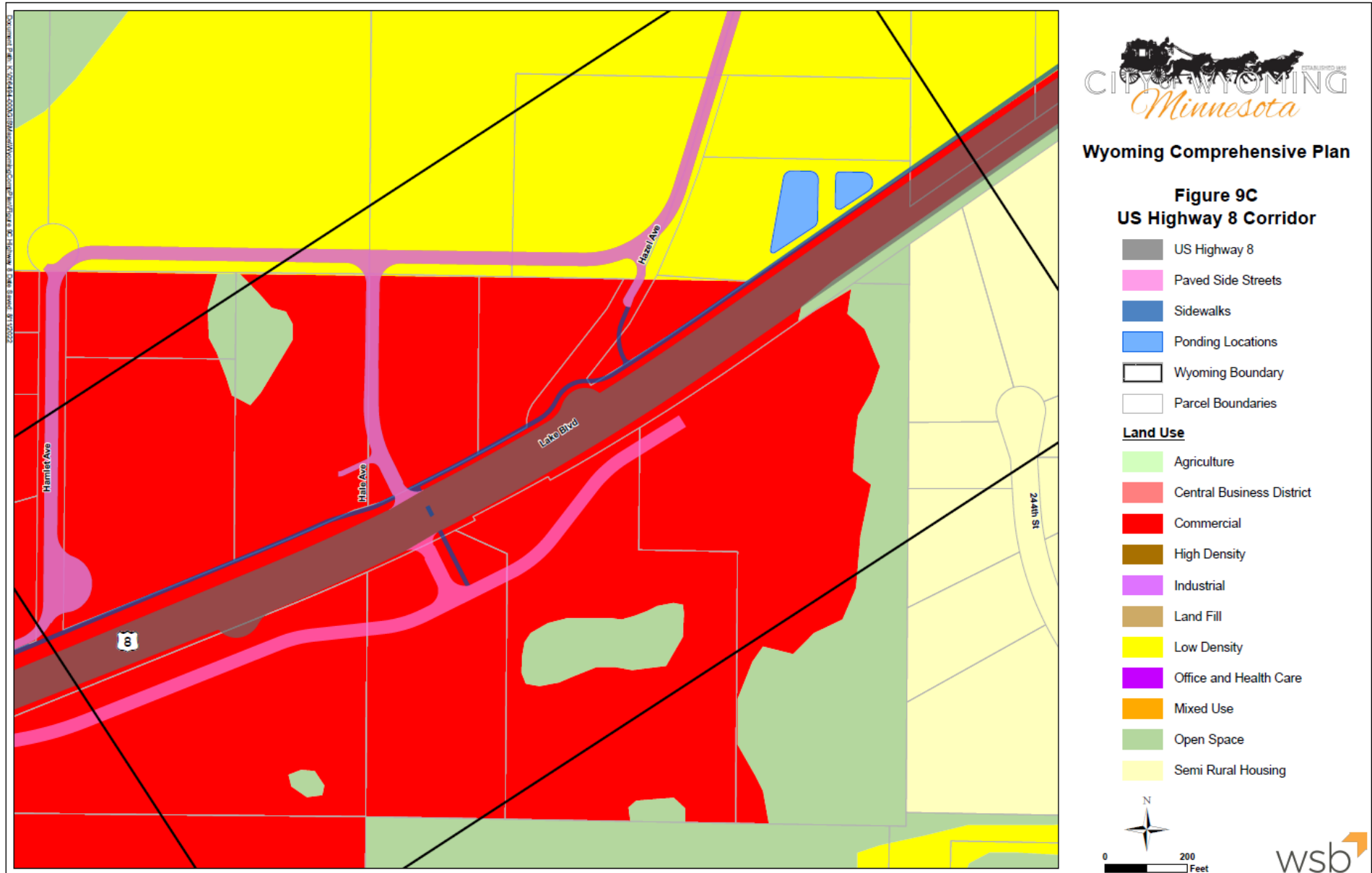
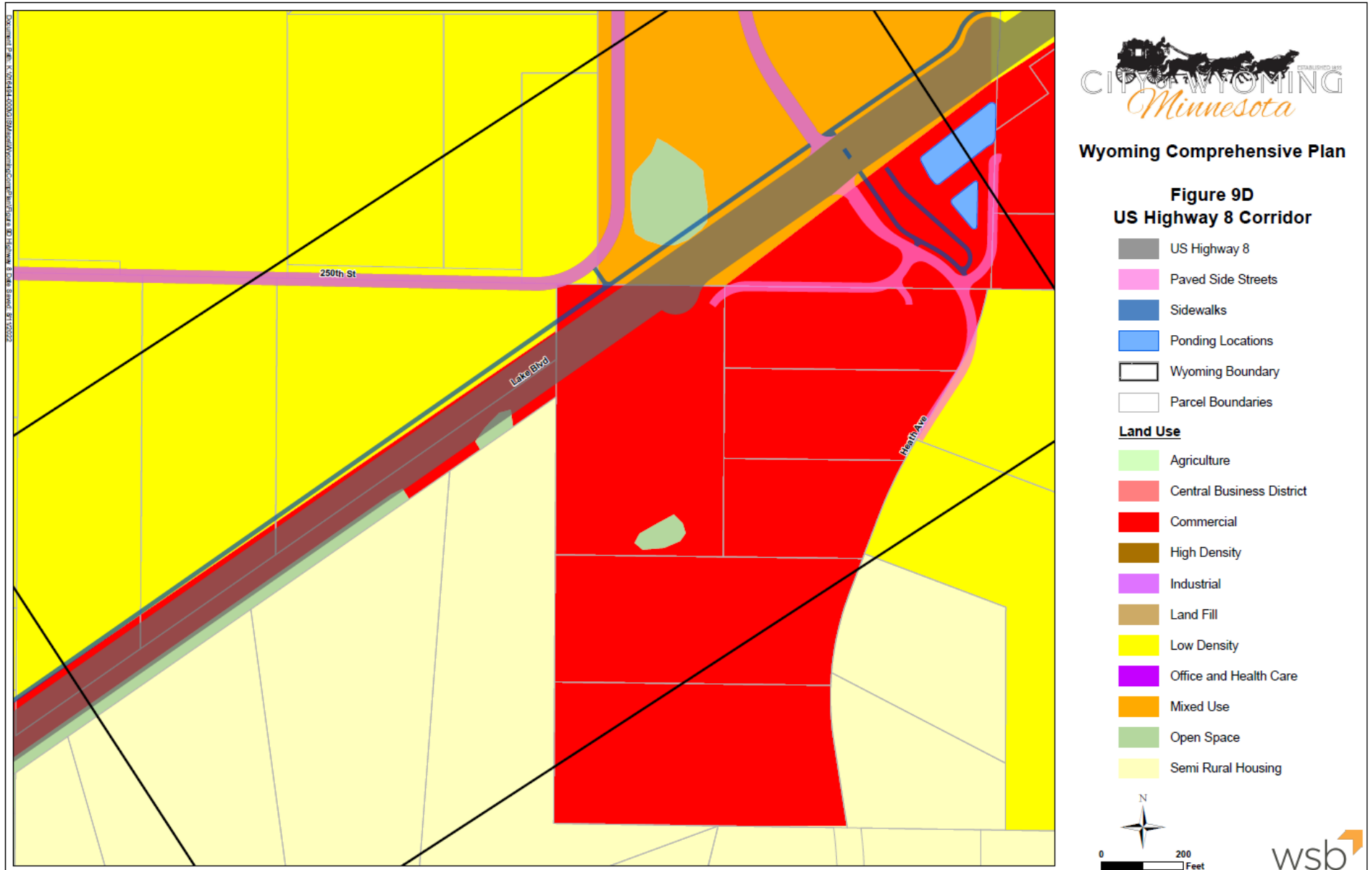


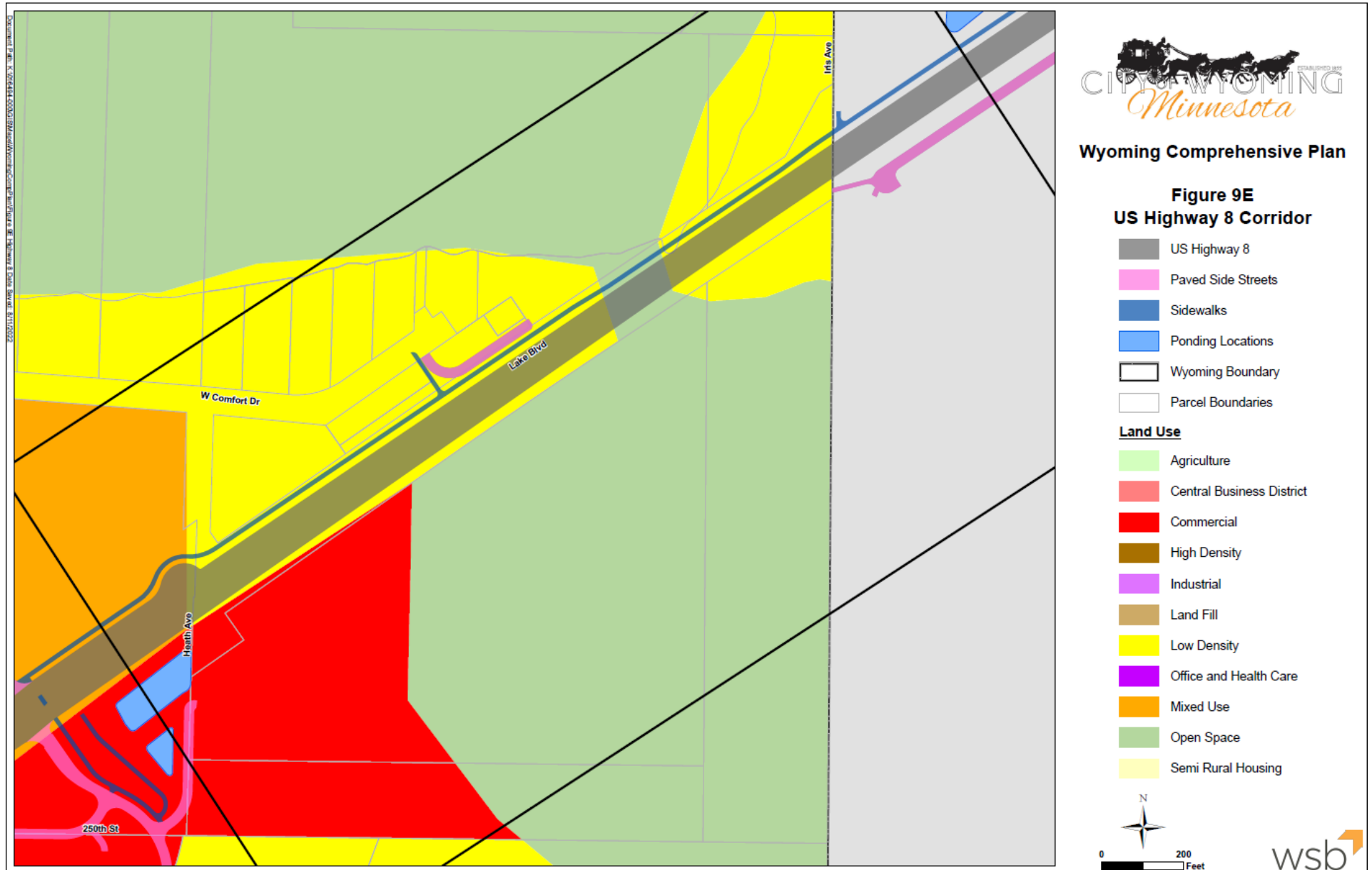
Figure 9 - US Highway 8 Corridor (also includes Figures 9A-9E)











Rush Line Corridor

The Rush Line Corridor is a transportation corridor extending 80 miles from Hinckley to the north, to Union Depot in downtown St. Paul, roughly following Interstates 35 and 35E and Trunk Highway (TH) 61. This corridor has been identified by the Metropolitan Council/Metro Transit, the Minnesota Department of Transportation (MnDOT), the Rush Line Corridor Task Force, and the corridor counties for transportation improvements based on current and future population, employment, and travel demand.

The Minnesota Department of Transportation initially studied the feasibility of commuter rail service on the former rail corridor that runs along Highway 61 through Wyoming and other communities known as the Rush Line. Ultimately, bus rapid transit was selected in 2017 as a result of a Pre-Project Development Study. Wyoming will monitor the development process and participate in decision-making; particularly as it relates to providing access for residents and employees to facilities in the corridor.

Ride-share Services

Wyoming currently has ride share services available to residents. Arrowhead Transit currently serves the community.

Chisago County***Kettle River and Viking Boulevard Transportation Plan***

The City of Wyoming will continue to work with Chisago County to find a workable solution to the access, operation, and safety issues on East Viking Blvd from I-35 west through the Kettle River Blvd intersection. Based on existing land use and future potential development, the current location and capacity of the existing intersections and driveway accesses in the corridor create significant operational and safety issues.

Over the past 12 years, significant mixed-use development proposals have been brought before the City for the former Greenwood Golf Course site in the northwest quadrant of I-35 and Viking Boulevard. In 2019, an Environmental Assessment Worksheet was prepared for the “Greenwood at Carlos Avery” project. One of the issues related to the environmental review was the expected complexity, congestion, costs and cost sharing for developing an intersection that could serve the development and address the existing traffic from Viking Boulevard, Kettle River Boulevard, I-35 exit and entrance ramps and multiple business access points. Economic development in this area will depend on a public-private partnership to plan for, develop and pay for the improvements. Entities include MnDOT, Chisago County, the City, adjacent properties, and developers (future development agreements). The City of Wyoming will work with Chisago County and MnDOT on possible future improvements for this area.

Transportation Corridor Overlay District

Wyoming is committed to managed and orderly development. One tool in this effort is the creation of a Transportation Corridor Overlay, much like the Shoreland Management Overlay and the Solar Energy Systems Overlay. The creation of the Transportation Corridor Overlay District is based on the following beliefs:

1. Transportation improvements will create a catalyst for development.
2. The City should preserve future opportunities for economic development within these highly visible corridors.
3. The corridors are highly visible and any proposed development should adhere to design guidelines specific to the corridor.

A future overlay could be applied to Highway 8, and to a lesser extent, Highway 61 and County Road 30.

Utilities

Expand municipal utilities:

- *Increase the use of public potable water and wastewater.*
- *Extend water and wastewater lines in staged and efficient manner in response to market demand and according to City capability.*
- *Equitably finance for public infrastructure related to development and redevelopment.*
- *Consider shared private wastewater disposal systems until public wastewater is available or when public wastewater is infeasible.*

The Utilities Chapter is intended to serve as a guide to completing the future water and sanitary sewer systems to serve future development as outlined in the Land Use Chapter of the Comprehensive Plan.

Urban Service Area

The urban service areas, as described in the Land Use chapter of the Comprehensive Plan, define where the City anticipates the future extension of municipal water and sewer service. To a great extent, the availability of sewer capacity defines the urban service areas, along with the cost of extending trunk water and sewer through undeveloped areas to meet disconnected development.

The portion of the City where urban services are either currently offered, or where the opportunity to supply public facilities, has been evaluated and determined to be feasible (given current infrastructure) within the time 20-year horizon of this Plan. The City will revisit the boundary of this area as development occurs, when improvements are brought online, and during the update of this plan ten years after adoption. The Utilities goal for the Comprehensive Plan is to extend urban services concurrent with the timing of new development.

Sanitary Sewer System Plan

The City of Wyoming's sanitary sewer system serves approximately 1400 acres in the central part of the City. The existing service area generally covers the original pre-merger City limits. Wastewater from the City is conveyed by the Wyoming Interceptor. The City built and owned the interceptor which carried sanitary sewage to the City's wastewater ponds on the south side of Viking Boulevard to a location now part of the Polaris property. Ultimately, a regional sanitary district was formed to serve Wyoming and several surrounding communities. The Chisago Lakes Joint Sanitary Treatment Commission (CLJSTC) was organized to develop a regional wastewater treatment facility, as well as a regional conveyance and treatment system to serve member cities. The CLJSTC purchased the Wyoming Interceptor and related lift stations as part of the regional conveyance system. In addition to the central service area, the Polaris Industries property on Viking Boulevard is also served by the regional system. **Figure 10** illustrates the existing service area and the regional conveyance system

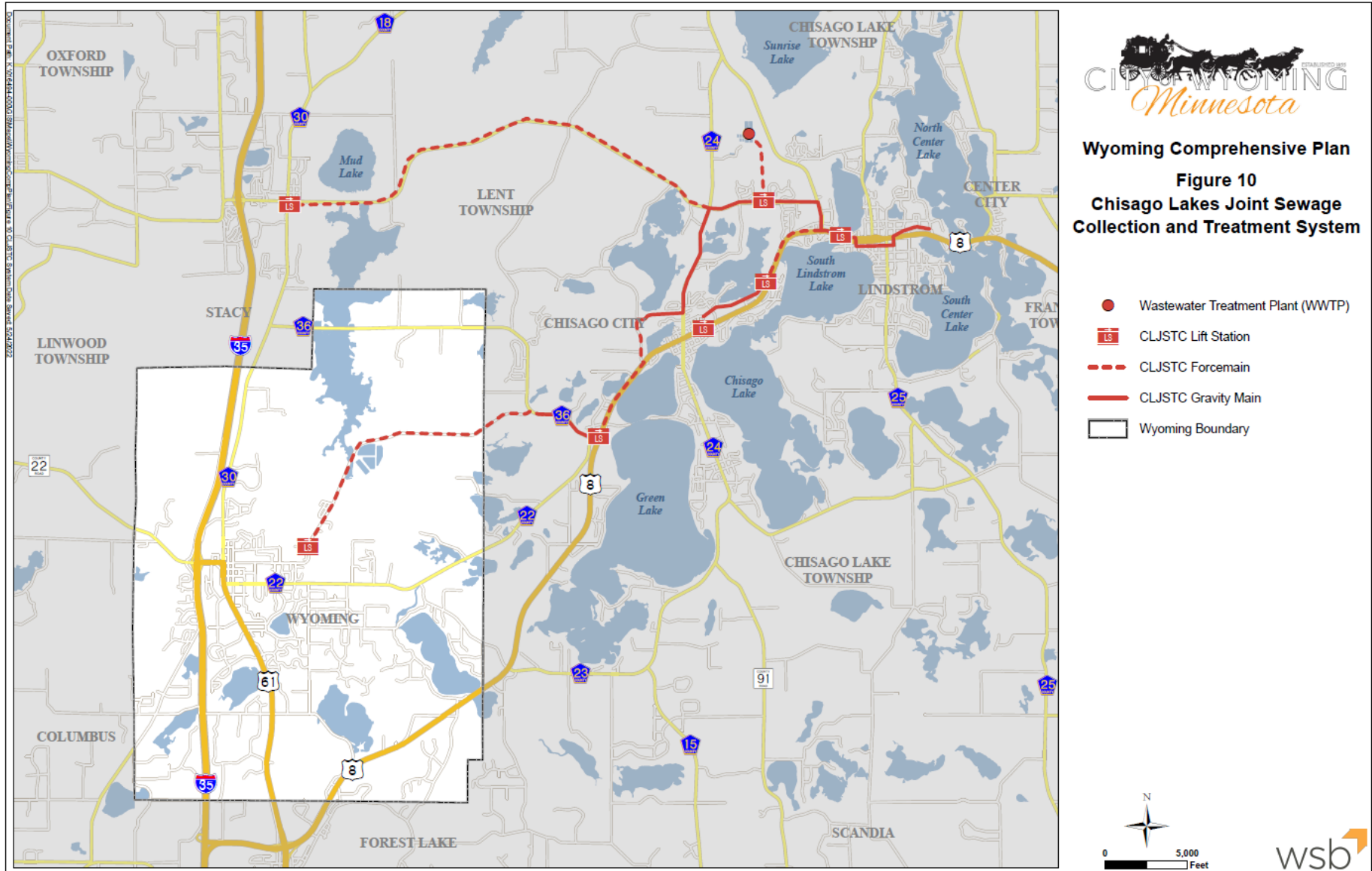


Figure 10 - Chisago Lakes Joint Sewage Collection and Treatment System

The City's existing wastewater system has an average daily flow of 257,000 gallons per day (GPD) and a peak hourly flow of 0.95 million gallons per day (MGD), based on flow meter data from 2014 to 2020, and after excluding wastewater flow from Polaris. The City has 14 sewer districts and a total of 13 lift stations, not including the County Road 84 Lift Station and the Viking Boulevard Lift Station, both of which are owned by the CLJSTC. At present, the City has adequate capacity in its collection system, interceptors, lift stations and in its allocation of treatment capacity at the CLJSTC regional treatment facility (Ref. 9).

Wyoming currently has a treatment capacity of 478,000 gallons per day (GPD) average flow at the CLJSTC treatment plant. CLJSTC has indicated they will add treatment capacity as demand increases, as necessary. If treatment capacity is not added quickly enough to serve Wyoming's growth, Wyoming will be able to purchase treatment capacity from other member Cities. When Wyoming has reached its interceptor capacity, CLJSTC will be responsible for adding capacity to serve the remaining future developable acres within Wyoming. Wyoming will be assessed the increased capacity cost by CLJSTC to serve the remaining future development. Veolia North America assumed operations of the CLJSTC system in the fall of 2020.

A SewerCAD model was used to evaluate the capacity of the existing system in 2010. The model indicated that existing trunk sewer mains have adequate capacity to serve those parts of the City that have existing sanitary sewer availability (existing service area) under full development, including the Wyoming interceptor.

Interim Sanitary Sewer System

The interim sanitary sewer system includes full development within the existing service area, based on the remaining capacity. **Figure 11** shows the remaining capacity of the lift stations.

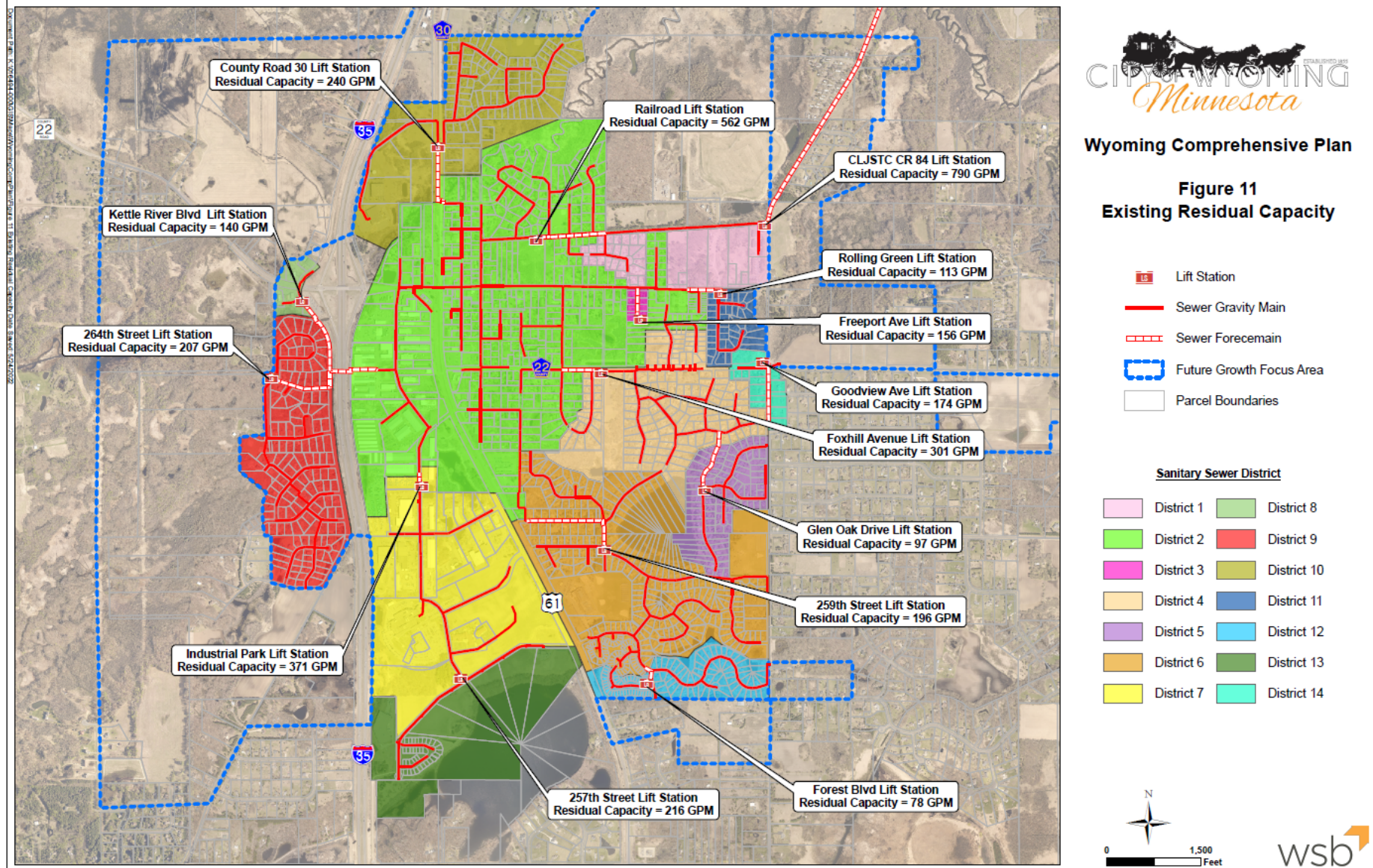


Figure 11 - Existing Residual Capacity

Under the interim condition, wastewater flows are expected to increase to 516,000 gpd, and 1.75 MGD peak hour. The City will have exceeded its treatment capacity at the CLJSTC regional treatment plant by 8 percent. Prior to the full build out of the Interim Service Area (a larger area than served by the interim sanitary sewer system), the CLJSTC will need to increase the capacity of the County Road 84 and Viking Boulevard Lift Stations, as well as the capacity of the Wyoming Interceptor (forcemain).

Ultimate Wastewater System

Future wastewater flows will increase as population growth and development continues. In general, new development will occur where there is existing sewer capacity and where new sewer capacity is provided. The pattern of expansion of the sewer system will then dictate the pattern of future development

The topography of the undeveloped, unserved areas was studied to determine the general direction of surface water flow. The design of the future system follows the existing ground topography as much as possible in order to minimize the number of required trunk lift stations, and to keep the maximum depth of gravity sewers to less than 40 feet deep. Based on the analysis, the general direction of surface water flows was determined, and future sewer sheds (districts) and subdistricts were determined.

The sewer districts generally flow north to Carlos Avery. This is intended to guide the preliminary route of future sanitary sewers through all sub-districts to collect wastewater generated in future developments. Based on the land use plan and estimated unit wastewater flow rates, future wastewater flow projections were developed. The ultimate service area includes 4720 acres of developable property, including 1817 acres of semi-rural housing which will remain unsewered.

As a rule of thumb, the number of households that could be served would be approximately two-times the residual capacity.

Table 12 - Sanitary Sewer Service Areas

Service Area	Existing Developed Area (Acres)	Undevelopable Area (Acres)	Future Developable Area (Acres)	Total Area (Acres)
Existing System	1,096	279	149	1,524
Interim System	1,096	1,204	1,498	3,798
Ultimate System	1,096	6,820	5,832	13,748

The ultimate peak hour future wastewater flow for the City is projected to be approximately 3.62 MGD average day – a 13-fold increase over existing - and 9.05 MGD peak hour. The City's treatment plant capacity will need to increase from 0.478 MGD to 3.62 MGD by purchasing capacity from other member communities (or a future expansion of the regional plant). The layout of the future trunk sewer system with capacity to collect the projected ultimate wastewater flow is shown in (Figure 12).

The layout is general in nature. Exact routing will be determined at the time of future development and final design. It is important that the general concept and sizing be adhered to for assurance of an economical and adequate ultimate system to collect the ultimate projected wastewater flow. In addition, additional sewer infrastructure will be required to serve individual developments as proposed by developers not accounted for in this plan because it is assumed it will be funded by developers.

Future expansion of the sanitary sewer system will be driven by development demand. Based on information provided by the City, a development phasing map was completed as shown in **(Figure 13)**. The map shows the order of likely development of property to which sewer service will be extended to meet anticipated development demand. Development demand was one of many factors taken into account in developing the ultimate trunk sewer system.

Future trunk sewers were designed to flow around the existing City service area because reconstruction of trunk sewers within the City would be more expensive than if constructed with new development. Unfortunately, not all sewers could be routed around the existing service area and flows from the northwest would have to flow through the City because the route is confined by Carlos Avery to the east. Also, the property immediately west of I-35 is anticipated to develop in the near future. Due to its development timing and location relative to the interceptor, future flows were routed through the existing service area. The existing SewerCAD model was expanded in 2010 to determine the adequacy of the existing system to serve future development where necessary and design the future trunk sewer system.

The future Innsbrook Avenue right of way, in the northeast part of the City, would serve as a critical sanitary sewer interceptor corridor. A future interceptor would connect to the Wyoming Interceptor in East Viking Boulevard and extend south to Wyoming Trail. The future interceptor would then provide a connection point for other future trunk sewer lines extending to the south and west.

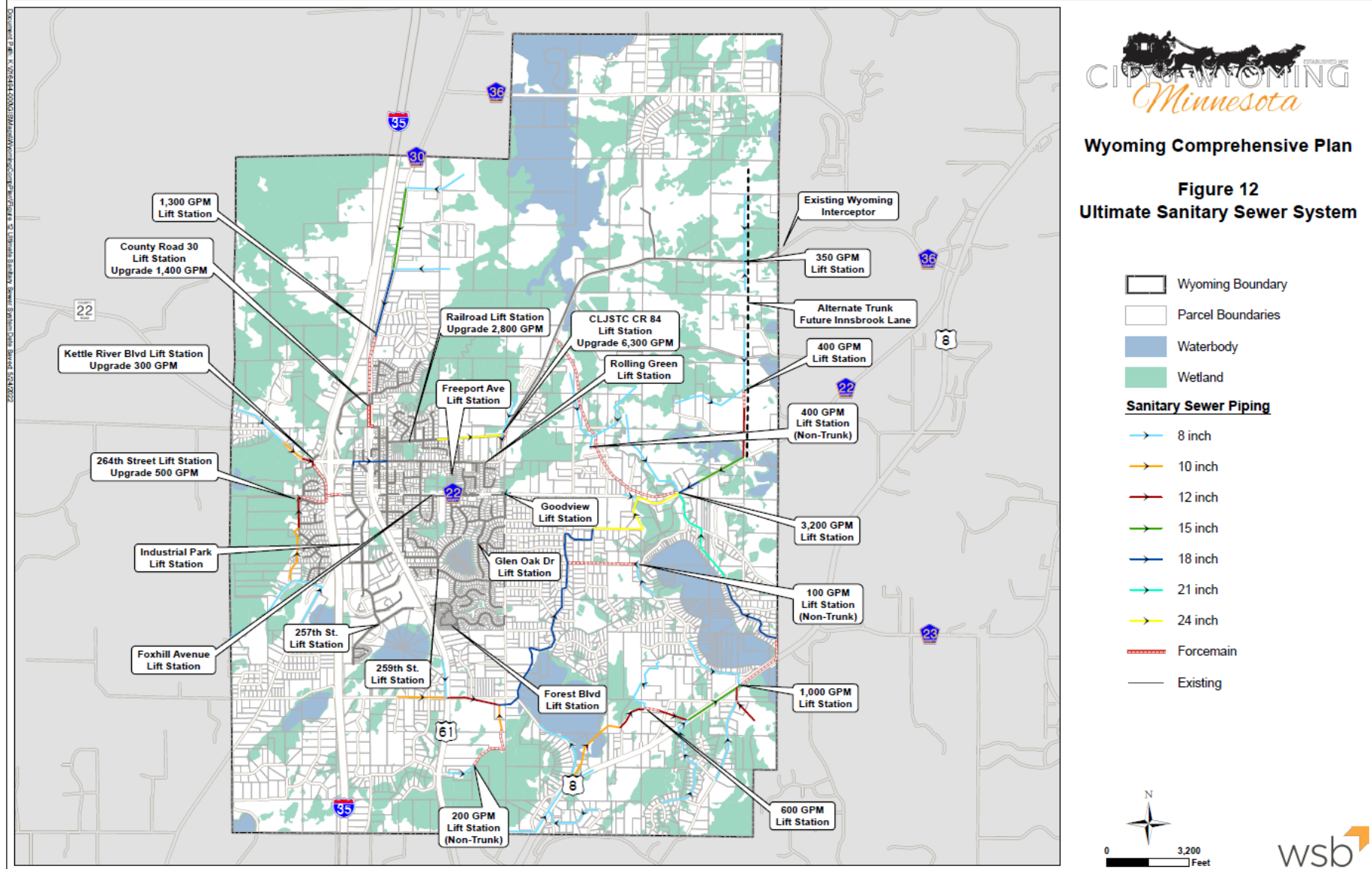


Figure 12 - Ultimate Sanitary Sewer System

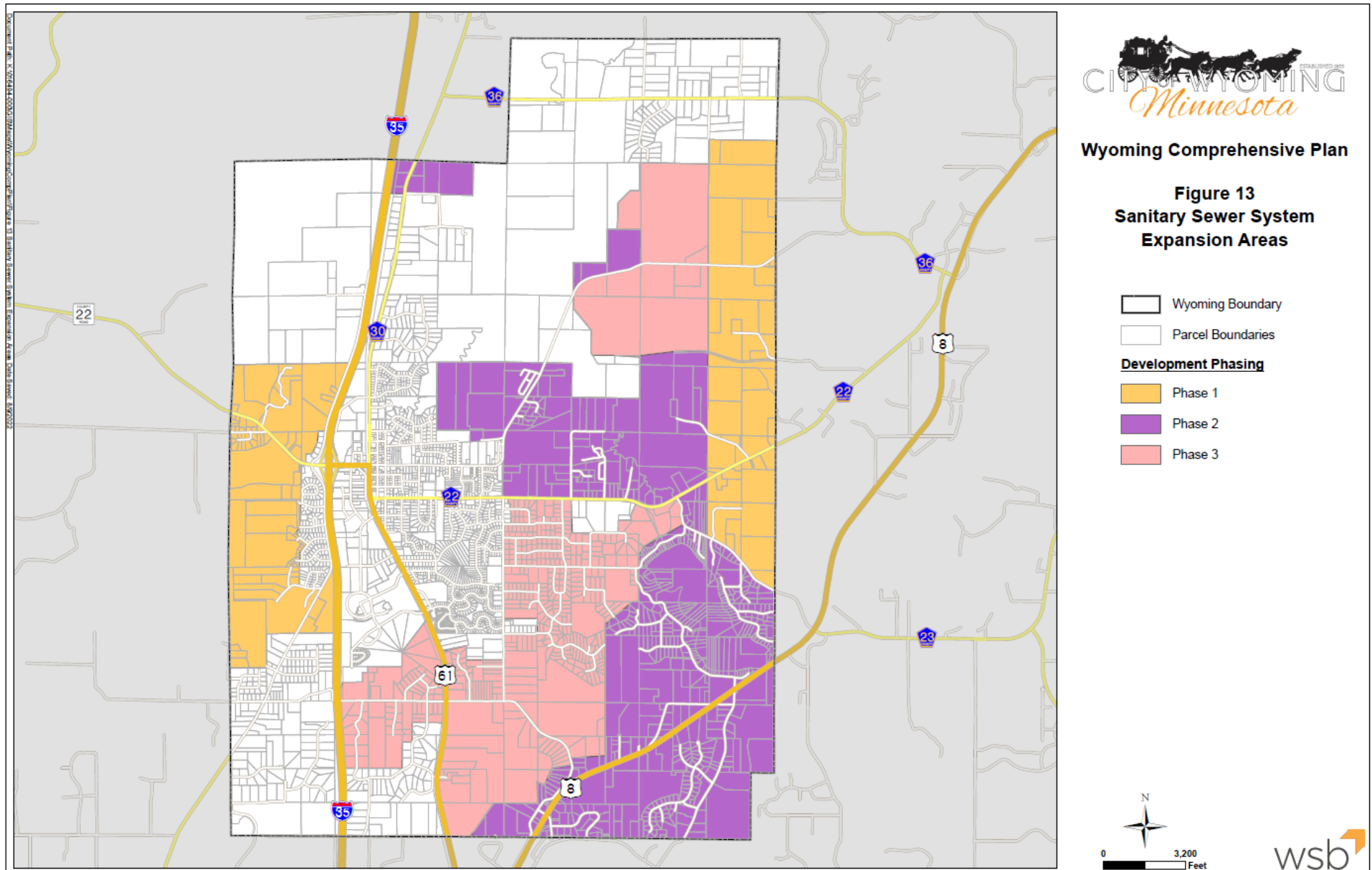


Figure 13 - Sanitary Sewer System Expansion Areas

As discussed previously, CLJSTC is responsible for collection and treatment of wastewater. The Wyoming interceptor collects wastewater from the City and conveys it to the existing CLJSTC treatment plant as shown in (Figure 12). The existing Wyoming interceptor consists of gravity sewers, lift stations, and force mains. Existing interceptor capacity, wastewater flow allocations, and Wyoming's projected ultimate peak wastewater flow has been listed in the (Table 13) below.

Table 13 - Wyoming Interceptor Capacity Allocation

Section	Capacity Allocation Agreement				Ultimate Capacity Remaining		
	Chisago City Capacity (gpm)	Stacy Capacity (gpm)	Wyoming Capacity (gpm)	Interceptor Design Flow (gpm)	Wyoming Ultimate Peak Flow (gpm)	Total Pipeline Flow (gpm)	Capacity Excess - Deficit (gpm)
CR 84 (force main)	0	0	1,450	1,450	6,286	6,286	-4,836
CR 36 (gravity)	357	0	8,724	8,724	6,286	6,643	2081
Hwy. 8 & CR 80 (force main)	1,318	0	2,600	2,600	6,286	7,604	-5,004
Liberty Lane (gravity)	2,108	0	8,724	8,724	6,286	8,394	330
Hwy. 77 (gravity)	2,400	0	8,724	8,724	6,286	8,686	38
Hwy. 19 (gravity)	2,400	800	9,548	9,548	6,286	9,486	62

Source: Table 5-3 Comprehensive Wastewater System Plan, Approved August 2010

Private Individual or Community Wastewater Systems

Many properties within the City have parcel sizes too large to be feasibly served by public or shared private wastewater systems, particularly those planned as Semi-Rural Housing. Those locations will continue to use individual on-site wastewater systems, while other individual wastewater systems are expected to be phased out over the years and replaced with municipal service. If indicated by the City's comprehensive wastewater plan, the City should require locations served by private community systems to be designed for eventual connection to the municipal collection system.

Some locations remain too far from the present municipal sewer lines to be served in the desired time frame. A feasible option for those locations to explore is shared private systems. Those systems typically include collection lines under the public streets that lead to a small private treatment plant that discharges either to a stream or onto land. They would also be regulated and monitored by the City in a manner consistent with its official, adopted design standards and the regulations of the Minnesota Pollution Control Agency.

Water System

The Comprehensive Water System Plan is intended to guide completion of a water system to serve future development as envisioned in the City's Comprehensive Plan.

The existing municipal water system is shown in (Figure 14). The water system consists of three wells, two elevated storage tanks, disinfection, and fluoridation at each well site. Distribution mains includes pipes ranging in size from 6 to 16 inches in diameter. The total supply capacity, or well pumping capacity, of the three wells is 2,125 gallons per minute (gpm), and

the firm capacity of the system (firm capacity assumes the largest well in the system is out of service) is 1,250 gpm. Each well pump discharges into the distribution system after the addition of chlorine, fluoride, and polyphosphate. System storage includes one-300,000-gallon tower and one-750,000-gallon tower. The existing system also includes a 16-inch watermain that serves the Polaris Industries property.

From 2011 to 2020, the average day water demand was approximately 350,000 gallons per day (gpd), and the maximum day demand was 782,000 gpd. A water distribution system computer model (WaterCAD v10), with both steady state and extended period simulation (EPS) scenarios, was used to evaluate the existing system's operating pressures and available fire flow. In addition, the existing system water quality was reviewed. Evaluation of the existing water system indicated:

- The system is capable of providing adequate supply and pressure during average day, maximum day, and peak hour demands while operating at supply firm capacity.
- System fire protection (available fire flow) is adequate throughout the system. The residential areas west of I-35 that previously had low available fire flows due to a single watermain crossing under I-35 now have available fire flows from 1,100 gpm to 3,400 gpm since a second watermain crossing was installed. The only locations with available fire flows from 750 gpm to 1,000 gpm are at dead-end 6-inch watermains in cul-de-sacs, as is expected and likely acceptable depending on building size, spacing, and materials.
- The Well No. 3 radium concentration continues to exceed the EPA Primary Drinking Water Regulations Maximum Contaminant Level (MCL). The Minnesota Department of Health (MDH) and City staff regularly monitor the combined radium concentrations in all three wells and limit the use of Well No. 3 in order to keep annual average combined radium levels within safe limits.

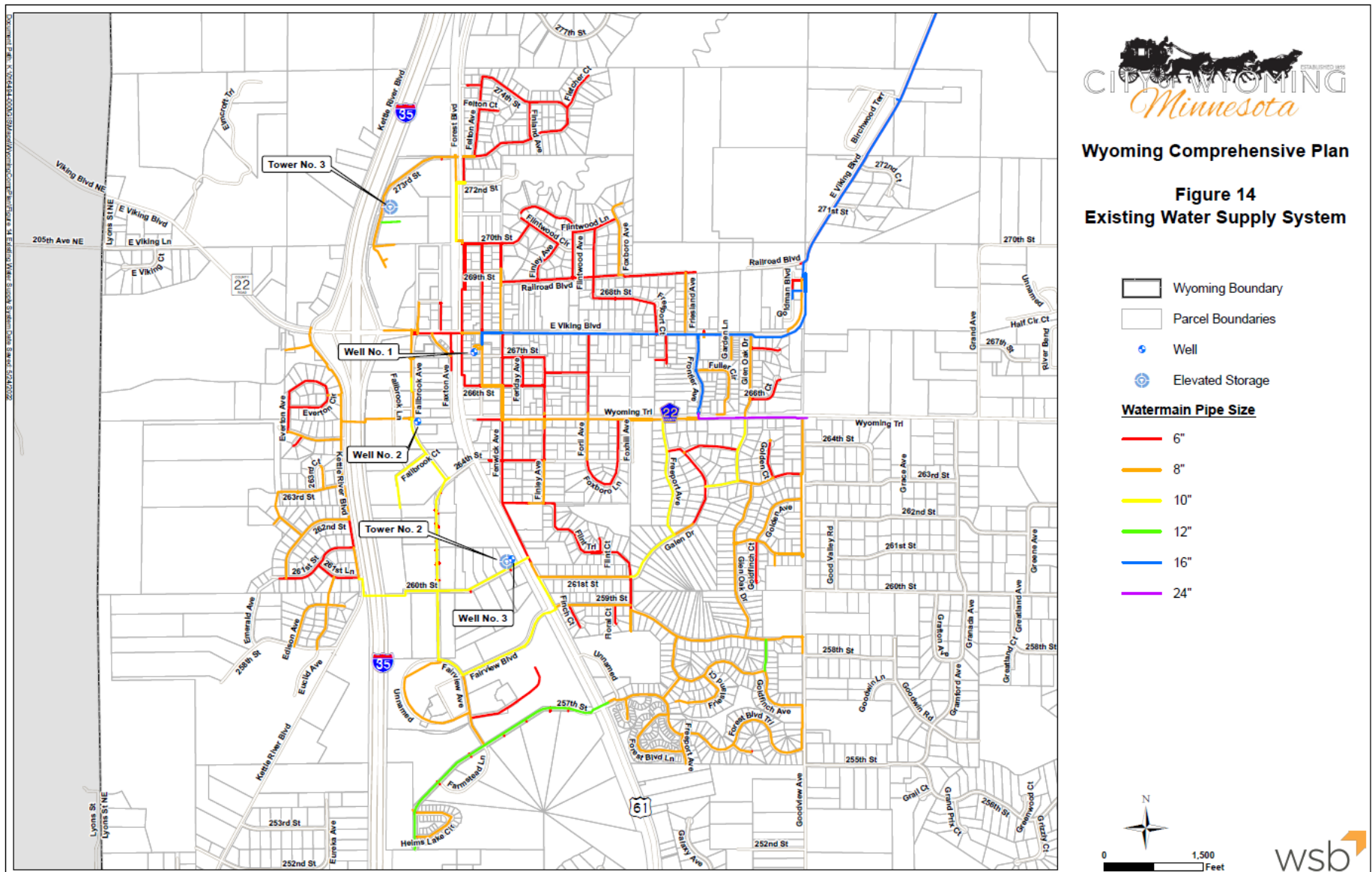


Figure 14 - Existing Water Supply System

Two future planning scenarios were developed – the interim system and the ultimate system. The interim system serves the Interim Urban Service Area as defined in the Land Use chapter, addressing those areas that presently have access to water but have not yet developed or connected to the water system. The ultimate system provides water to the majority of the City at full build-out. The water service areas discussed above are summarized in the (Table 14).

Table 14 - Water Service Area

Service Area	Existing Developed Area (Acres)	Undevelopable Area (Acres)	Future Developable Area (Acres)	Total Area (Acres)
Existing System	1,096	279	149	1,524
Interim System	1,096	1,204	1,498	3,798
Ultimate System	1,096	6,820	5,832	13,748

The quantity of future water demands was estimated based on the anticipated future land. A maximum day to average day demand ratio of 2.20 was used for estimating ultimate system demands. In the past ten years, maximum day to average day demand ratios have ranged from 1.8 to 2.8. This ratio is significant in that the maximum day demand and peak hour demand are used in sizing the water supply, treatment, storage, and distribution system for a community.

Interim System

The interim system is projected to have an average day demand of 1.37 million gallons per day (MGD) and a maximum day demand of 3.02 MGD. Previously identified storage capacity needs were satisfied by the construction of a 750,000-gallon composite water tower east of I-35 at 273rd Street. A future water main extension west and extending under I-35 will eventually address fire flow issues.

Based on projected water demands for full build-out of the Interim Urban Service Area, two additional wells and one additional storage facility will be required. The demand triggers for those facilities will occur beyond 2040. Trunk watermain improvements to serve anticipated growth prior to 2040 include a 12-inch trunk watermain crossing under I-35 and along Kettle River Boulevard and a 24-inch trunk watermain extension in Wyoming Trail. The cost for these watermain improvements total \$1.8 million. The costs for complete build-out of the Interim Urban Service Area, including trunk watermain, two production wells, and one storage facility, totals \$9.0 million. The costs for treatment are discussed under the Ultimate System (below), although treatment may be required before that time.

Ultimate System

The City's water system needs are met by first providing a water source capable of satisfying a maximum day water demand. When the source water is from groundwater, as is the case in Wyoming, the maximum day demand should be satisfied assuming the largest well is temporarily out service (firm capacity). It is anticipated that approximately 3,000 gpm of additional supply will be necessary to serve Wyoming's ultimate system demands. If each well produces approximately 700 gpm, as the City's geology indicates, 4 to 5 wells would be required. The ultimate system is projected to have an average day demand of 2.20 MGD and a maximum day demand of 4.83 MGD.

Considering the typical water quality from the region, it is anticipated that future water supply wells will first pump to treatment facilities prior to distribution. Well No. 3 currently exceeds the EPA Primary Drinking Water Regulations Maximum Contaminant Level (MCL), therefore it's use is limited based on the results of on-going water quality analysis. Additionally, secondary standards for iron and manganese will most likely be exceeded in future water sources. A future

centralized water treatment facility would be designed for removal of radium, iron, and manganese, with capacity to treat water from all new supply. The future plant could be constructed in several phases to meet demand.

American Water Works Association (AWWA) standards indicate that water storage should equal 70 to 100 percent of average day demand, or the sum of required firefighting storage, equalization storage, and reserve storage, whichever is greater. Since projected future average day demands are projected to be greater than future equalization, firefighting, and reserve storage, the average day demand of 2.2 MGD was used for future storage planning. An additional storage volume of 1.0 MG to 1.5 MG is expected to meet the ultimate demand based on current ultimate population forecasts. If a new 0.75 MG tower were constructed to serve full build-out of the Interim Urban Service Area, then an additional 0.75 MG tower would be needed to serve the Ultimate Service Area.

The water distribution system will need to be expanded as development requires service. The future trunk water main system presented in **(Figure 15)** consists of a 24-inch trunk main loop and several 12-inch trunk main loops. The system would provide capacity to distribute water throughout the City from one point, as would be the case for a centralized treatment plant. If treatment is not required of future water sources, and the City decides not to provide treated water to residents, then wells can be distributed throughout the system. The future trunk water main system illustrated in **(Figure 14)** would be capable of providing adequate fire flow and pressure regardless of how water is supplied.

Future expansion of the water system will be driven by development demand. Development demand was one of many factors considered in developing the ultimate trunk water system. The City should begin to plan for a potential future well field and develop a corresponding well head protection plan.

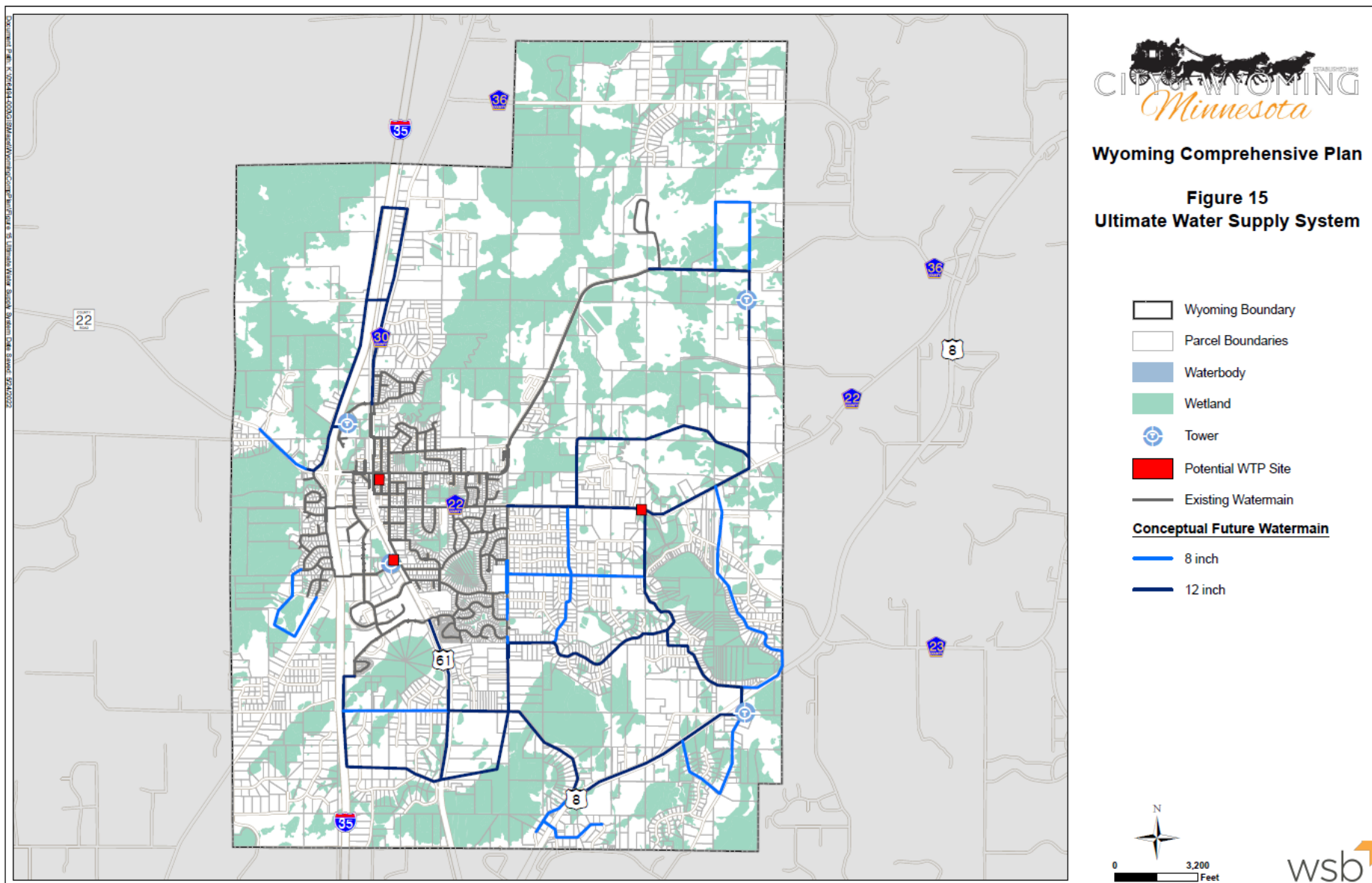


Figure 15 - Ultimate Water Supply System

Housing

Diversify Housing Options:

- *Increase the range of housing options for people in all stages of life to retain and attract residents.*
- *Emphasize housing options like starter homes for young families and senior housing in locations that provide additional uses within walking distance.*
- *Preserve the integrity of neighborhoods by ensuring the neighborhoods are maintained to a high standard that reflects the values of the community.*

Housing is a defining characteristic of Wyoming. The quality of the housing stock is a basic community characteristic. The provision of safe and decent housing is an essential objective of the Comprehensive Plan. Housing is not a single, one size fits all, commodity. Personal housing needs change as life passes from single adult to family to elderly. This concept of life cycle housing allows people to live in Wyoming for an entire lifetime, not just for pieces of it. Household income influences the housing choices for Wyoming residents. Housing provides the foundation for economic growth. People living in Wyoming provide the demand for goods and services. Housing provides the customer base needed to support business retention and expansion. The amount of income required for housing expenses influences support of local businesses and demand for government services.

Housing Conditions

Wyoming has a strong housing market with high home values and a low vacancy rate. Wyoming residents report they choose and stay here because of the small-town rural setting, low crime rate, and close proximity between the Twin Cities metro (30 minutes south), and Minnesota's incredible natural and recreational resources to the north

The City is known as a quite rural bedroom community that experienced expansive growth from the 1970s to the early 2000s with 87 percent of the housing units being constructed as single-family homes. The fastest population growth period was from 1990 to 2000 where City experienced annual population increases of over 400 people per year. Since 2008, the annual population growth rate has been approximately 50 people per year. Approximately 45 percent of the housing stock have individual water and sewer systems (private well, and septic system) with the remainder on municipal services.

Wyoming Population By Year

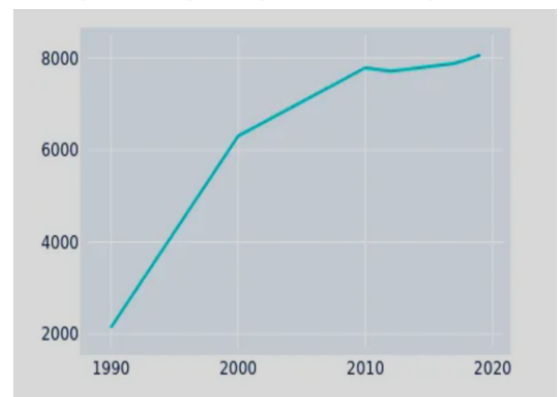


Table 15 - Housing Unit History

Year Structure Built	No. of Units
Total housing units	2,930
Built 2014 or later	26
Built 2010 to 2013	15
Built 2000 to 2009	641
Built 1990 to 1999	973
Built 1980 to 1989	434
Built 1970 to 1979	456
Built 1960 to 1969	185
Built 1950 to 1959	60
Built 1940 to 1949	18
Built 1939 or earlier	122

Table 16 - Housing Unit Types

Units in Structure	No. of Units
Total housing units	2,930
1-unit, detached	2,560
1-unit, attached	17
2 units	0
3 or 4 units	0
5 to 9 units	15
10 to 19 units	78
20 or more units	166
Mobile home	94
Boat, RV, van, etc.	0

Table 17 - Housing Units Values

Owner-occupied units	No. of Units
Owner-occupied units	2,438
Less than \$50,000	89
\$50,000 to \$99,999	19
\$100,000 to \$149,999	46
\$150,000 to \$199,999	399
\$200,000 to \$299,999	1,271
\$300,000 to \$499,999	541
\$500,000 to \$999,999	73
\$1,000,000 or more	0
Median (dollars)	\$242,600

The 2020 US Census indicates that the City has a total of 2,930 housing units, 2.8 persons per household, 384 people per square mile, and a median owner-occupied home value of \$242,000. The 2020 US Census also indicates that Wyoming's median household income is \$90,000 and the percent of persons in poverty is 2 percent. A 2019 US Department of Justice study identified that Wyoming has had fewer total crimes than most similarly sized cities and our 2020 housing vacancy rate is approximately 1.9 percent.



In 2021 there were 32 new housing starts and it appears approximately 56 homes will be constructed in 2022. Additional single family and multi-family projects are in the initial stages of planning and the projected new housing starts for 2023 appear to be similar to 2022. The combination of demand, lower interest rates, and higher construction costs has elevated current construction costs with new single-family homes in 2021 averaging \$329,000 in construction value.

Future Housing Needs

Wyoming's future housing needs include broader options for starter and senior housing units. More budget friendly housing is necessary for new or existing residents who have moderate or retirement incomes.

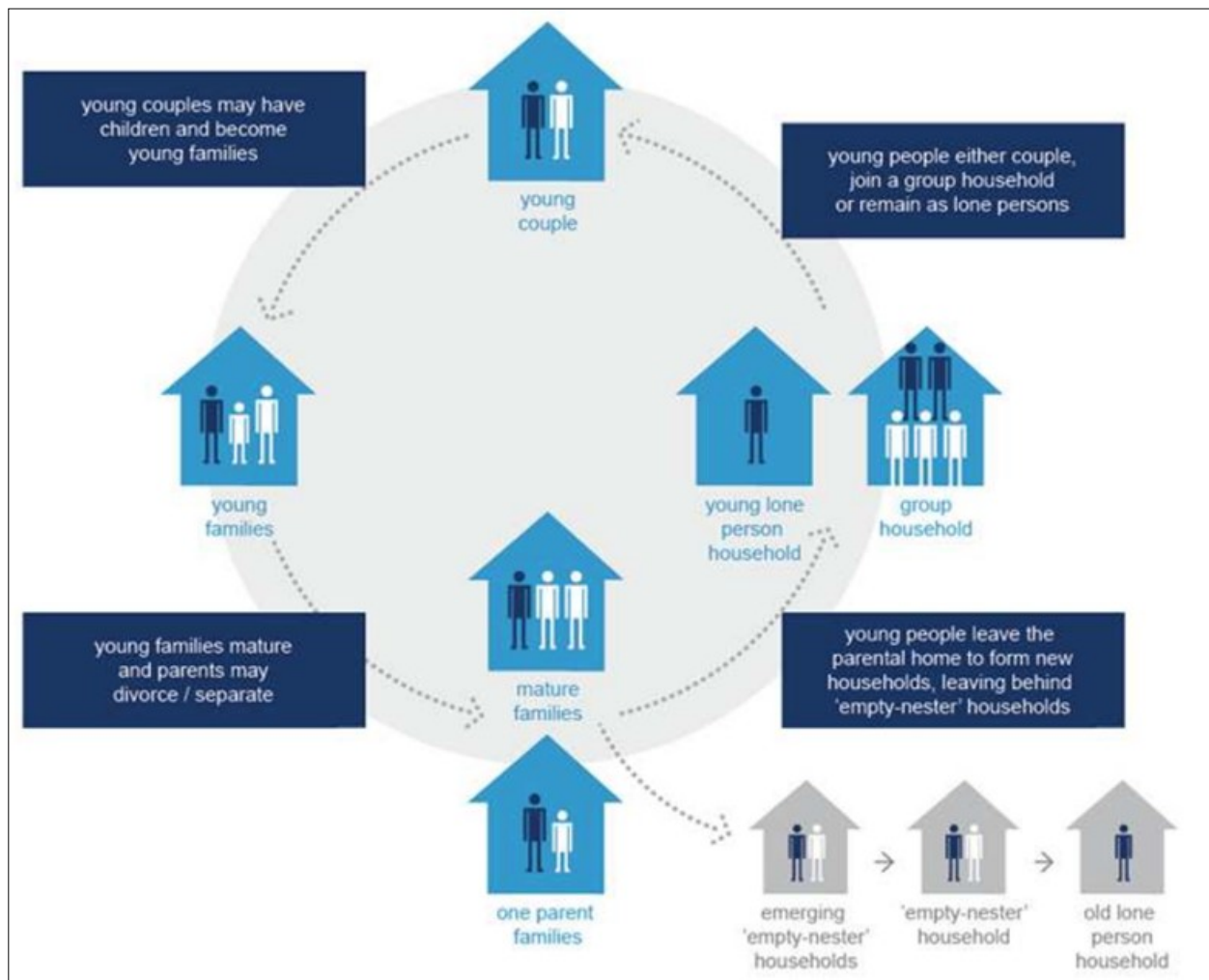
Wyoming's current low vacancy rate is supported by a 2018 Chisago County study that projected housing demand in the range of 1,130 units from 2018 to 2030, or about 94 units per year.

More people, especially members of the millennial and baby boomer generations are looking for alternatives that include housing with lower price points, reduced maintenance, and locations in within walking distance of services and entertainment. Additional high quality multi-family and single family attached housing could help Wyoming attract younger professional and retirement age residents to stay in Wyoming through all phases of life. This new housing stock should be thoughtfully designed to account for the expected senior housing demand peak estimated in 2040.

Housing Plan

Housing Mix and Types

Providing a balanced mix of housing will satisfy the needs of both existing and future City residents. With the trend towards an older population within the next 20 years, providing more lifestyle housing options, particularly multi-family housing, will be critical to attracting young professionals as well as retaining empty nesters and seniors. In response to the current housing supply and projected need of available land designated for residential housing in the community, the future land use plan has identified areas where higher density developments are more appropriate.



Source: Scott County Community Development Agency (CDA)

Figure 16 - Life Cycle Housing

Future housing development will be guided primarily by the availability of buildable upland areas that are scattered throughout our many natural areas. Higher density housing developments will be further guided by the availability of existing or nearby municipal sewer and water, and suitable transportation infrastructure. These new neighborhoods should be designed for great connectivity within and to nearby neighborhoods, parks, natural areas and local services/entertainment. The following sections outline focus areas and themes designed to improve the quality, amount, and design of future housing.

Senior Housing Small Area Plan

The presence of a hospital and clinic in Wyoming sets us apart from our adjoining cities and appears to be an attractive feature for seniors and older adults. The City should prepare a small area plan that identifies how we can promote and attract additional housing and related services for older seniors.

Zoning Ordinance Amendment

The City should consider amending the zoning ordinance so as to align the number of attached units of each type (apartments, row houses, back-to-back townhouses, etc.) in each development project with the policies of this plan. Locate attached and multifamily housing in transitional spaces between commercial and single-family areas, and at high-amenity locations near streams, parks, and greenways. When combining housing types, it is preferable for the transition between types to occur at the rear rather than the front (i.e., across a courtyard or parking area rather than across the street).
Neighborhood Design Policies

Prevent Premature Development

Wyoming should consider a premature subdivision ordinance to require that subdivisions have adequate transportation facilities planned or in place to support the land use. Additionally, the ordinance may require adequate provisions for sanitary sewer, water, and storm water facilities, as well as adequate park, trails, and open spaces.

Compact Growth

Encourage new neighborhood development that is generally more compact than historic patterns. Where appropriate, design each new major neighborhood to include both detached and attached forms of housing.

Variety within Each New Neighborhood

Encourage in each major neighborhood a range of housing types, densities, and building configurations to encourage life-cycle housing. Give favorable consideration to applications that include two or more types of housing without overlooking other legitimate concerns.

Links to and Between Neighborhoods

The City should prioritize and require connectivity through our city for pedestrians, and between new neighborhoods and existing parks and neighborhoods. Well-designed pedestrian paths, trails, and sidewalks improves the overall health of our residents, decreases our environmental footprint, and creates a more cohesive community. These connections should both visually and functionally link any new development to the established portions of Wyoming via street connections, bicycle paths or lanes and natural features.

Neighborhood Protection

Wyoming will continue to protect the best aspects of established areas from negative effects such as excessive auto traffic or incompatible, unbuffered land uses. The City will continue to administer and support the state environmental review programs (Alternative Urban Areawide Review (AUAR), Environmental Assessment Worksheet (EAW), Environmental Impact Study (EIS)), a portion of which addresses traffic impacts.

Simultaneously, blighted, deteriorating, or obsolete activities will be phased out and those sites improved according to an established plan. Guided by the Comprehensive Plan, public and private investments will aim to enhance or strengthen a sense of neighborhood identity in all established areas.

Provide Housing and Development Resources

Promote and support housing and development opportunities through ongoing continuing education regarding the potential funding, tools and guides available through the Chisago County HRA, the League of Minnesota Cities tool kits and other similar organizations.

Parks, Trails and Recreation

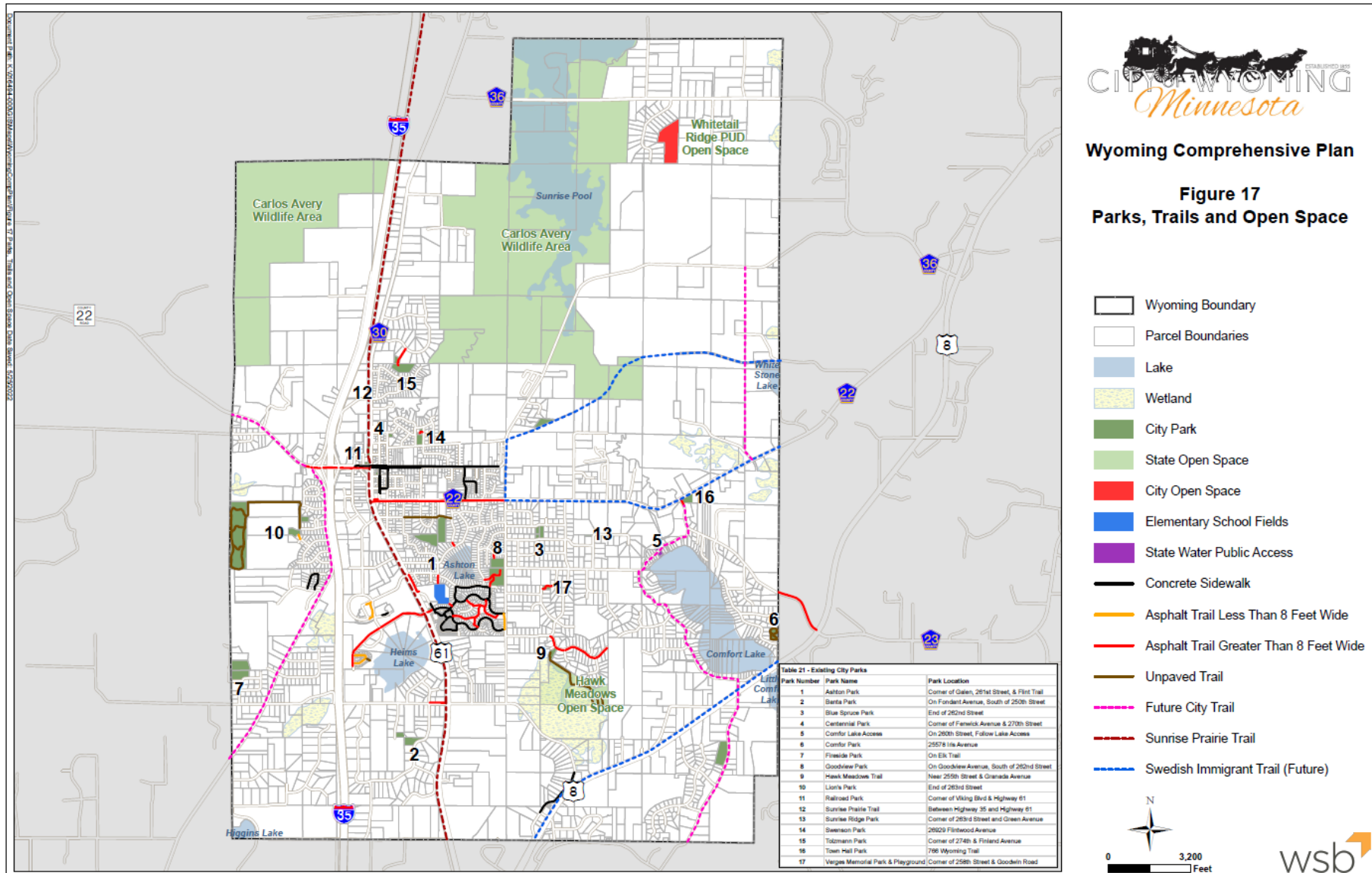
Enhance Recreation Opportunities:

- *Develop, maintain, and improve public parks that provide diverse opportunities for active sports and passive recreation.*
- *Identify, establish, and develop trail corridors that connect the neighborhoods to the park system and to regional trail corridors.*
- *Plan for changes in recreational activities that accommodate changing demands.*
- *Integrate parks and trail systems with significant natural resources.*

Wyoming is blessed with an extensive system of formal parks, open space, conservation lands, and local and regional trails. Parks are a major and highly visible public investment that can have a significant positive effect on the appearance of a community, and its quality of life. The City is committed to the implementation of a comprehensive park program and greenway system as visual assets that enhance the level of private investment in nearby housing and create lasting value in neighborhoods. At the same time, the City should strive to ensure that development that occurs next to parks is compatible with these open space areas. The City of Wyoming Parks, Open Space and Trails System Plan (**Ref. 10**) guides acquisition of land or fees in lieu of land for municipal parks, protection of public and private open space and reserving corridors for multiple-use paths. (**Table 18**) identifies the existing City parks. (**Figure 17**) illustrates parks, open space and trails in the community.

Table 18 - Existing City Parks

Park Number	Park Name	Park Location
1	Ashton Park	Corner of Galen, 261st Street, & Flint Trail
2	Asian Acres Park	South of 272 nd Ct, East of 271 st St
3	Banta Park	On Fondant Avenue, South of 250th Street
4	Blue Spruce Park	End of 262nd Street
5	Centennial Park	Corner of Fenwick Avenue & 270th Street
6	Comfort Lake Access	On 260th Street, Follow Lake Access
7	Comfort Park	25578 Iris Avenue
8	Fireside Park	On Elk Trail
9	Goodview Park	On Goodview Avenue, South of 262nd Street
10	Hawk Meadows Trail	Near 255th Street & Granada Avenue
11	Lion's Park	End of 263rd Street
12	Railroad Park	Corner of Viking Blvd & Highway 61
13	Sunrise Prairie Trail	Between Highway 35 and Highway 61
14	Sunrise Ridge Park	Corner of 263rd Street & Greene Avenue
15	Swenson Park	26929 Flintwood Avenue
16	Tolzmann Park	Corner of 274th & Finland Avenue
17	Town Hall Park	7665 Wyoming Trail
18	Verges Memorial Park & Playground	Corner of 258th Street & Goodwin Road



Comprehensive Park Plan

The City of Wyoming maintains a Comprehensive Park and Recreation Plan. The last update to the Comprehensive Park Plan was approved in 2022. The plan identifies specific recreation needs, considers the needs of organized athletic leagues in the community, assess the quality and quantity of existing facilities, and include a capital improvements program for improving facilities to meet identified needs over time. In 2021, the City initiated a study of City parks and pedestrian infrastructure. The updated plan will accommodate the diverse recreational needs of the community.

Community Feedback

During the preparation of the Comprehensive Plan, the City conducted a community survey (2019). **Figure 18** summarizes feedback regarding the future park program.

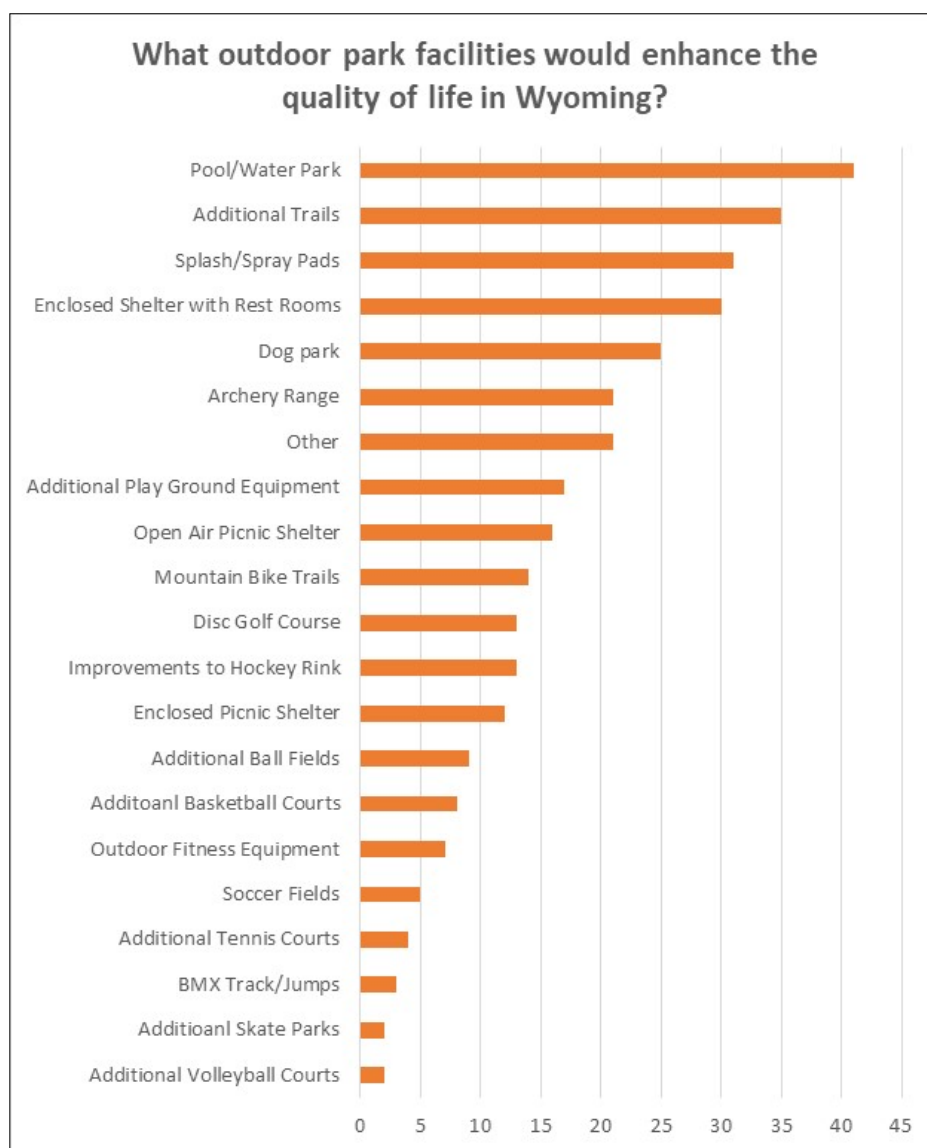


Figure 18 - Future Park Program

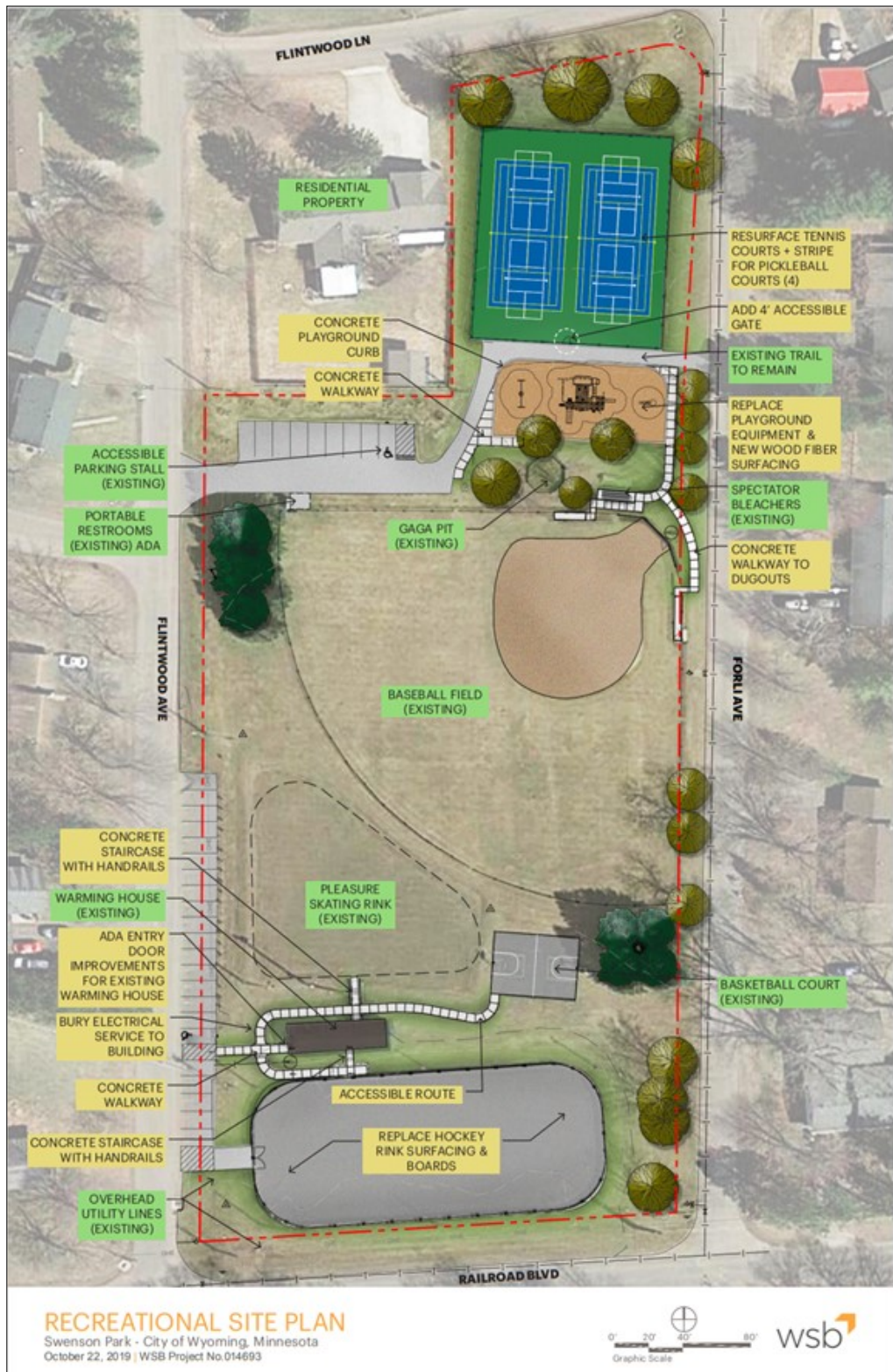


Figure 19 - Concept Plan for Future Enhancements to Swenson Park.
(Upgrades Expected in 2021 include ADA Accessibility).

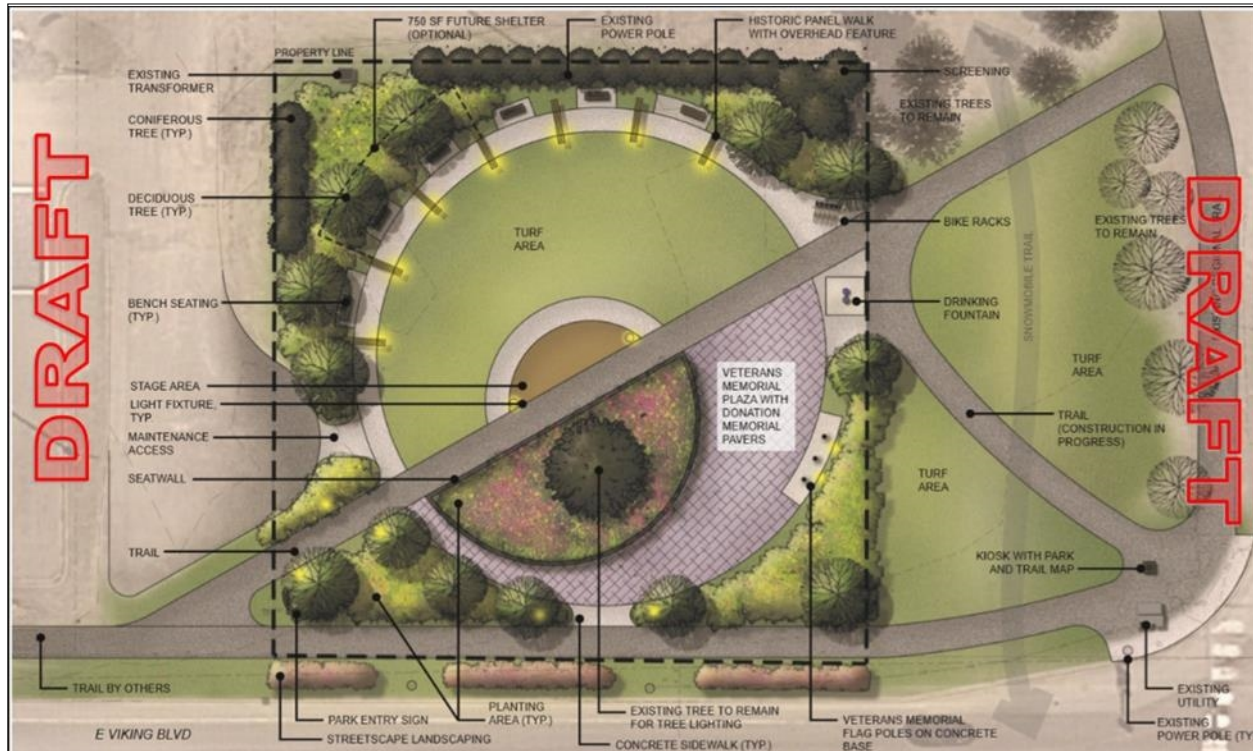


Figure 20 - Concept Plan for Future Enhancements to Railroad Park

Park Acquisition

The City of Wyoming, at its discretion, can acquire land by dedication during the platting process in order to assemble parks of sufficient size. Alternatively, cash may be required instead of (or in combination with) land to either buy park land in appropriate locations and/or to improve a park in that neighborhood

Park Classification and Design Guidelines

The 2022 Park Plan update will include a park classification system and design guidelines. This will update information in the 2017 Park Plan and the City's 2009 Comprehensive Plan.

Open Space

Major intact natural areas should be linked by corridors of native woods and grasses for the sake of wildlife habitat and movement, and urban aesthetics. Landscape elements that can be used for such links include streams and stream edges, fence rows and hedgerows, drainage swales, roadside ditches with natural vegetation, floodplains and wetlands. Keep a few wooded or other natural areas in the park system at a very low level of management in order to provide places for people to explore on their own and experience a rudimentary bit of wildness.

Land owned and managed for its natural features will be an important feature of the future City of Wyoming. It is anticipated that Wyoming will be at least 43 percent public open space when fully developed. There may be additional private property held in a natural condition to supplement the public lands in a conservation state.

Trails System

County Trails:

The City of Wyoming will cooperate with Chisago County to develop and maintain regional paths for bicycling, skating, walking, and running. **Figure 17** illustrates regional trails with existing/future connections to Wyoming.

Sunrise Prairie Trail – Chisago County

Sunrise Prairie Trail was built by Chisago County in coordination with Washington County and the Minnesota Department of Natural Resources. Sunrise Prairie Trail follows the former Burlington Northern Railroad right-of way between North Branch and Forest Lake. From Forest Lake south to Hugo, the trail is called the Hardwood Creek trail and is under the jurisdiction of Washington County. The trail features a ten-foot-wide paved surface for hikers, bicyclists and inline skaters during spring, summer and fall, and is plowed in the winter months. The parallel unpaved portion of the trail is open to non-studded snowmobiles when there is sufficient snow and to horseback riders at all other times. Snowmobiles and horses are not allowed on the paved portion of the trail at any time. Parking areas and information kiosks are located adjacent to the trail at Sunrise Prairie Park across from City Hall.

Swedish Immigrant Trail – Chisago County (Ref. 11)

The Swedish Immigrant Regional Trail Corridor is 20 miles long trail system that, when complete, will extend from Wyoming to Taylors Falls. The trail will highlight the historical significance of the Swedish Immigration through Taylors Falls across southern Chisago County. The Swedish Immigrant Regional Trail will provide an interconnection between several cities and parks. The trail will provide access to diverse natural and cultural communities while expanding multi-modal transportation and recreation access to vital recreation and employment sites in Chisago County. The Swedish Immigrant Trail will connect to the Sunrise Prairie at the intersection of County Road 22 (Wyoming Trail) and US Highway 61 (Forest Boulevard). The Swedish Immigrant will be open to bicyclists and pedestrians, and some portions may be open to horses and snowmobiles.

Two potential alignments of the Swedish Immigrant Trail have been identified in Wyoming (**Figure 17**). Alternative 1 would follow former railroad right-of-way that served as the transportation spine of the Wyoming to Taylors Falls corridor. Many segments of that railroad corridor have been turned back to adjacent landowners; therefore, the County is attempting to negotiate easements across private properties that were formerly the route of the railroad in cities to the east. Alternative 2 would follow County Road 22, Wyoming Trail. Wyoming Trail west of Goodview Avenue was reconstructed in 2009 with a physically-separated asphalt bicycling path. There is sufficient right-of-way to continue that path to the east in the future. With the intended reconstruction of Hwy 8 the completion of the Swedish Immigrant Trail along highway 8 is included in that plan.

Kettle River Boulevard – Chisago and Anoka Counties

Chisago and Anoka Counties may collaborate to build a bicycling route along Kettle River Boulevard. A feasibility study will have to be conducted to determine whether this facility will be a separate asphalt path or wide, paved road shoulders.

Comfort Lake Route – City of Wyoming

The Comfort Lake Trail was first proposed in the City's 2009 Comprehensive Plan. The Comfort Lake Trail was planned as a municipal route for bicycling between the northern and southern sides of Wyoming with a link to the Swedish Immigrant Trail at County Road 22. This route could consist of a combination of off-road paths, paved road shoulders and a signed-only route as conditions and funding allow. Along the extension of Innsbrook Avenue (the road planned between County Roads 36 and 22), it would be feasible to build either an off-road path or paved shoulders. Along Comfort Drive, lower traffic volumes may allow use of either a striped shoulder or signs. Along Heath Avenue, paved shoulders or an off-road path may be feasible.

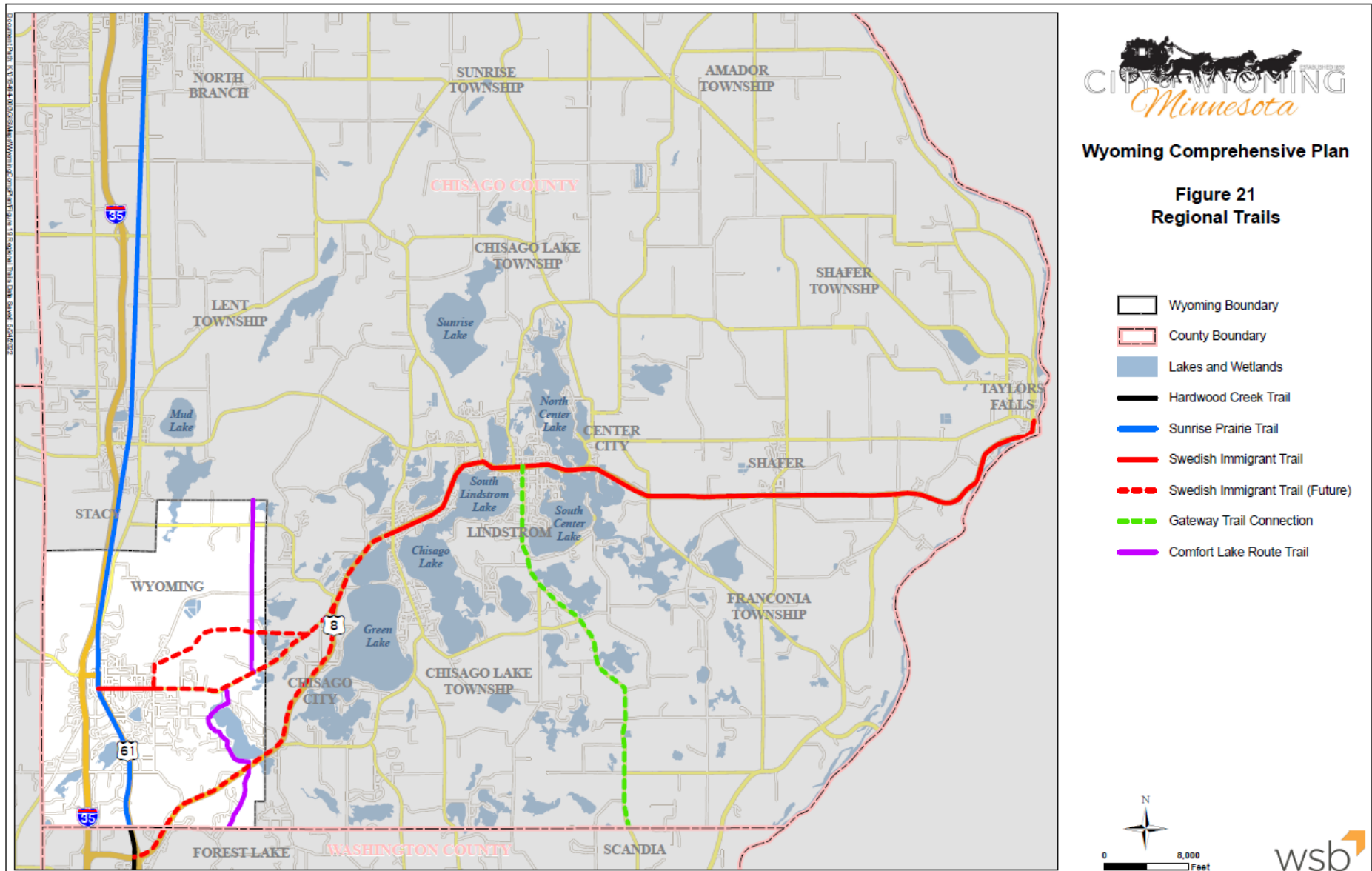


Figure 21 - Regional Trails

Natural Environment and Sustainability

Protect the Natural Environment:

- *Protect and enhance the quality of our lakes, rivers and wetlands.*
- *Manage and treat stormwater in an effective manner to protect our water resources.*
- *Consider different strategies for equitable stormwater treatment suitable for different levels of land use intensities including on-site treatment, regional treatment and fees-in lieu of best management practices.*
- *Protect significant woodlands.*
- *Enforce the regulatory protections for the shoreland of designated lakes and streams.*
- *Link woodlands, wetlands and other undisturbed natural areas into “greenways” will be established through the development process.*

Natural Environment

Wetlands Regulation

The City will continue to protect wetlands through the regulations of the Chisago County Department of Environmental Services and the Comfort Lake - Forest Lake Watershed District (CLFLWD). The Watershed District has regulatory responsibility over the southern third of Wyoming (**Figure 20**). In its Watershed Management Plan, the CLFLWD established goals for water management, lakes, streams, wetlands, natural resources, biotic diversity, and interagency and public communication. That plan also contains standards and rules for review of land alteration permits that will be imposed across the District.

The City has regulatory authority over the balance of the City. In 2011, the City adopted its own Comprehensive Surface Water Management Plan (**Ref. 12**). Prior to any site grading or drainage, a professional wetland survey is required to delineate and stake the edges of any wetland that may be defined by state or federal regulations. Site grading and drainage will be regulated through the City’s subdivision and zoning application review process, which require that any applicant also receive the approval and conditions of the Watershed District or the City outside of the CLFL watershed.

Shoreland Management

The Shoreland zoning regulations supplement any other zoning regulations in place within 1,000 feet of certain state-designated lakes and 300 feet of state-designated streams. Those regulations address percent impervious cover, screening, maximum building height, land use, lot sizes, lot widths, building setbacks from the ordinary high-water levels, docks, shoreland alterations, grading and filling, roads, agriculture, forest management, mining, surface water drainage, wastewater treatment and substandard lots.

Where municipal sewer service is available in a Shoreland area, state law allows a City to adopt local Shoreland regulations that permit smaller lots and shorter setbacks from the ordinary high-water mark. The regulations differ between Natural and Recreational Lakes, between Transition and Tributary Rivers, and between riparian and non-riparian lots.

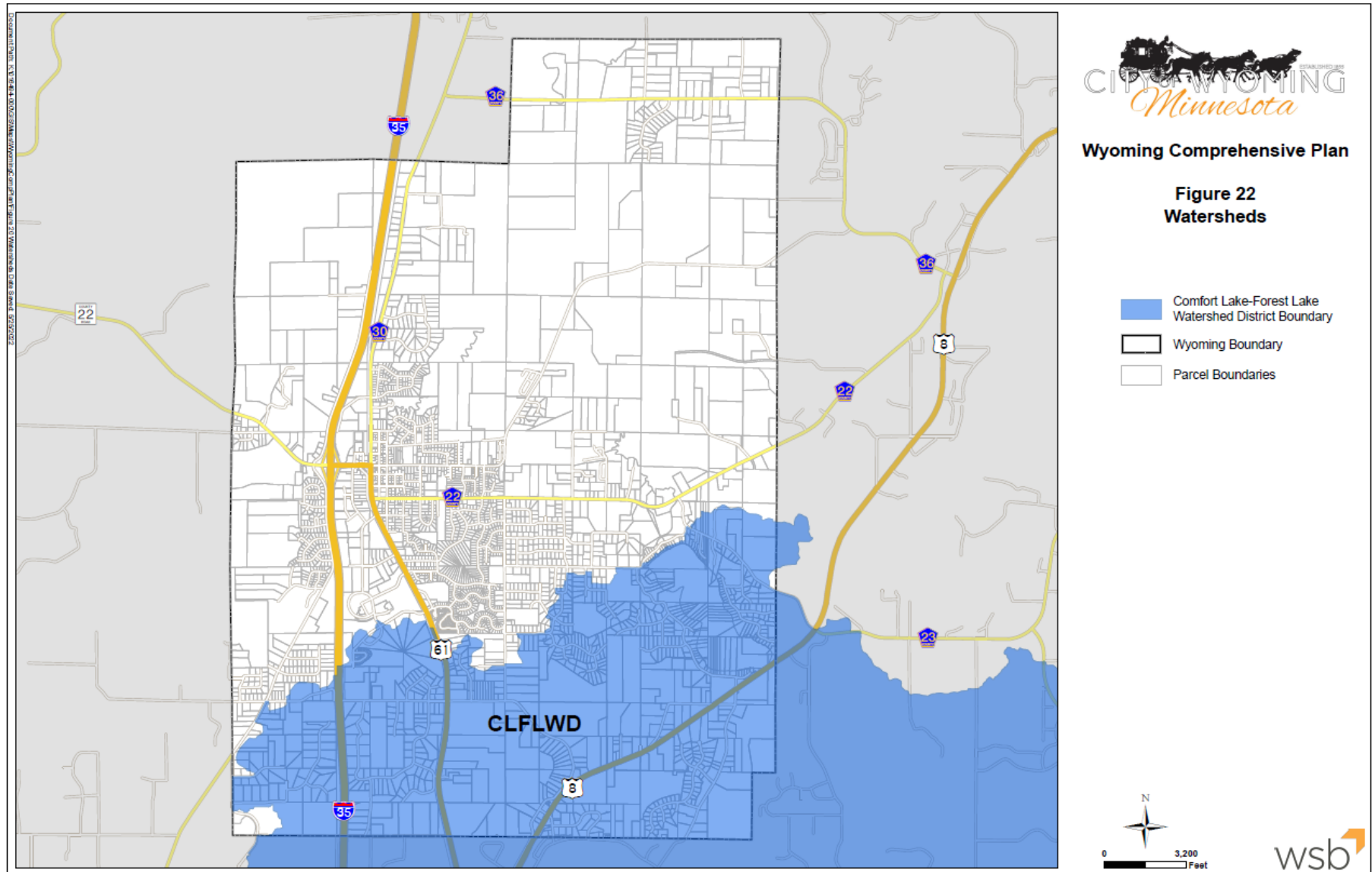


Figure 22 - Watersheds

- **Natural Environment Lakes:** Higgins, Sam, Swamp, Sunrise Pools
- **Recreational Development Lakes:** White Stone and Heims.
- **General Development Lakes:** Comfort and Little Comfort.
- **Transition River:** Sunrise River from Comfort Lake to the Sunrise Pools located in the Carlos Avery State Wildlife Management Area.
- **Tributary Rivers:** Sunrise River from Comfort Lake south to School Lake and south from School Lake to Birch Lake. Sunrise River from Comfort Lake south to the Washington County line.

Floodplain Management

Land use and development in the officially mapped floodplains will continue to be regulated by the City through a floodplain zoning district. This district will be based on the mapping of the Federal Emergency Management Administration (FEMA).

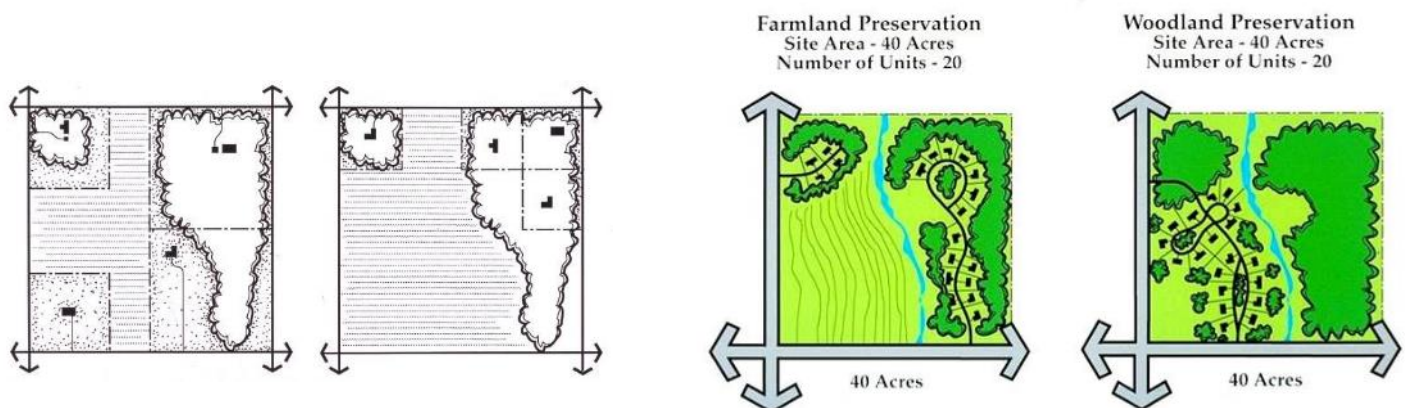
Significant Woodlands Protection

When reviewing an application for a Grading Permit, Preliminary Plat or Site Plan, City staff will meet with the applicant to determine the most feasible and practical placement of buildings, parking, driveways, streets and other physical features in order that the fewest significant trees and least amount of forest be lost or damaged. The Woodland Preservation Regulations contained in the City Code will be enforced.

Clustering

On every development site, especially residential properties, use municipal zoning and subdivision regulation powers to attempt to conserve the best of the natural resources in a pattern that works in concert with natural resources and open spaces on adjacent properties. Zoning regulations to be written to implement this land use plan should allow housing to be clustered into a smaller part of a site than would normally be the case in exchange for deliberately conserving significant natural resources.

House clustering may also be used to develop part of a site prior to the arrival of municipal utilities while preserving options for full development at higher densities.



Natural Drainage

The City will strive to use natural drainage techniques, such as swales and ditches rather than pipes, whenever feasible, in order to cleanse surface water runoff and increase infiltration back to the aquifer. This includes small ponds and rainwater “gardens,” especially those sites with large parking lots or rooftops, to reduce downstream surges or flooding and improve water quality.

The City has implemented a comprehensive surface water management plan (**Ref. 12**) that meets state and federal guidelines. That plan will address wetlands, lakes, streams, floodplains, erosion control, drainage of all types and “best management practices.”

Sustainability

The Wyoming Comprehensive Plan will help improve environmental, social and fiscal sustainability through the following features.

Protection of Water and other Natural Resources

The plan provides for the protection of wetlands, floodplains and significant woodlands. It will enforce the State’s regulatory protections for the shoreland of designated lakes and streams. Linking woodlands, wetlands and other undisturbed natural areas into “greenways” will be sought through the development process. Finally, the plan calls for building setbacks from the Carlos Avery State Wildlife Management Area and for carefully managing the runoff of surface water to that area.

Housing Options

The *Wyoming Comprehensive Plan* will allow builders to create a variety of housing types, which should provide alternatives for people at all stages of life. This will help people remain in this community while they are young, middle-aged or elderly, which will help create a stronger sense of community.

Green Step Cities

In October 2017, the City Council voted to join the GreenStep Cities initiative. GreenStep Cities is a voluntary challenge, assistance and recognition program to help cities achieve their sustainability and quality-of-life goals. GreenStep Cities is a partnership between the Minnesota Pollution Control Agency and various other entities including the League of Minnesota Cities. Currently there are approximately 160 communities that have joined the GreenStep movement.

As cities try to attract residents, businesses and economic development, they need to be able to demonstrate accountability. This free continuous improvement program, managed by a public-private partnership, is based upon a menu of 29 optional best practices. The 29 GreenStep practices can be broken into five categories, all designed to help cities ask whether their practices make sense from a sustainability standpoint. The categories include:

- Buildings and lighting.
- Land use.
- Transportation.
- Environmental management, and.
- Economic development.

Each best practice can be implemented, as decided by city elected officials, staff and community members, by completing voluntary actions. These voluntary actions are tailored to all Minnesota cities, focus on cost savings and energy use reduction, and encourage civic innovation.

Economic Development

Pursue a Thriving Local Economy:

- *Plan for and allow the creation of additional stores, offices and industries consistent with this comprehensive plan and regulated by zoning ordinance amendments including, but not limited to, encouraging mixed use opportunities.*
- *Diversify the range of local employment opportunities.*
- *Attract well-paying jobs plus goods and services that are needed locally.*
- *Realize increasing property tax revenues for city, school district, county and state governments.*

The Wyoming Economic Development Authority, with the assistance of the City Council, completed a process in early 2017 to develop a strategic plan to help guide the community as it reinvigorates the activities for continued development (Ref. 2). The Economic Vision Statement in the plan is:

“Regionally located Business friendly and family-oriented community”

Through a series of meetings, the City developed a list of economic development goals for the City. The plan includes five goals that reflect the Economic Development Authority’s vision for the community.

1. Enhance Sense of Destination, Identity and Community.
2. Enhance Wyoming Partnerships and Communications.
3. Develop Financial Support and Plans for Development Needs.
4. Develop Population and Workforce Development Plan.
5. Strategic Allocation and Innovative Marketing of Land.

Economic Development Goals

1. **Enhance Sense of Destination, Identity, and Community:**
 - Develop and implement zoning districts to foster a centralized business district.
 - Develop a comprehensive plan that supports the development of a centralized business district.
 - Identify and promote the development of business areas that complement the existing businesses and currently occurring development patterns.
 - Develop a plan to create an identity of a business-friendly community.
2. **Enhance Wyoming Partnerships & Communications:**
 - Develop a clear and comprehensive communication plan with other advisory groups in the community (i.e., Planning Commission, Wyoming Business Association, etc.).
 - Scheduling of regular meetings between groups to discuss the issues and plans for future development in the community. Many communities encourage this by placing signs on properties that are currently being considered for development or a land use change. Look to other organizations to develop partnerships

(County EDA, Initiative Foundations, etc.) to assist with the promotion and development of the community.

- Develop or enhance relationships while working with other organizations to provide for long-term infrastructure improvement projects.

3. Develop Financial Support & Plans for Development Needs:

- Develop a strategy and policy to assist new development projects.
- Review and update development process to remain competitive with surrounding communities.
- Identify the process and areas that city infrastructure will be extended to promote development.
- Develop and implement a plan for the control of funding for proposed infrastructure improvements.
- Develop a process for how proposed projects are handled that is inviting and inclusive for developers. Develop complete list of tasks to be completed to facilitate permitting and approvals.

4. Develop Population & Workforce Development Plan:

- Revisit Chisago Housing Study and update implementation priorities.
- Work with local businesses to understand and determine their long-term workforce needs.
- Collaborate with the local school district to improve outcomes for students and enhance employment opportunities in the community.

5. Strategic Allocation & Innovative Marketing of Land:

- Identify partners to help assist the community in marketing possible new industrial park land.
- Identify available properties that meet the development strategies for the City both residential and commercial/industrial.
- Identify the barriers to the successful marketing of the City and work to remove those barriers.
- Maintain an effective and responsive website to allow for developers and residents to get accurate and up to date information about the community.

Comprehensive Planning and Economic Development

The Comprehensive Plan serves as a blueprint for future commercial and residential land uses, housing, public, and conservation amenities. An important component of the plan is identifying new infrastructure and growth demands needed to support economic development. An economic plan adopted into the Comprehensive Plan creates a supportive and complementary strategy to meet the community overall goals to become a place where families want to live, where companies will want to do business, and where people can thrive.

Cost of Services Study

Neither the Comprehensive Plan nor the Economic Development Plan can succeed without the other. There is a clear symbiotic relationship. Together, the City can plan for land use change while considering the financial impacts of implementation. One example tool is the “cost of community services” (COCS) study of COCS. COCSs help to understand the financial contribution of various land use types leading to future land use development strategies that are physically and financially implementable. COCS studies can help communities make informed decisions about their futures within the constraints of available budgets and other private and public funding scenarios (Ref. 13).

For communities to respond to development trends and proposed economic development, the Comprehensive Plan considers where to extend public utilities (sewer, water, roads, etc.). Ultimately, there is a cost to implement a comprehensive plan, and often there is a cost to respond to a proposed development that can ultimately become a roadblock to success. By understanding the upfront costs, cities can develop financial plans that will respond to and not stand in the way of future economic and community development.

Small Area Plans

Small Area Plans are City-led plans that address the issues of a focused portion of the City. Small area plans can cover three different geographic scales -- neighborhood, corridor, and district, regardless of the size of the area. Small area plans cover a specific geography that often has a cohesive set of characteristics.

Small Area Plans are an effective tool for addressing areas where significant change is occurring or anticipated, public facilities and/or physical improvements need to be addressed, opportunities for substantial infill or redevelopment are present, and opportunities arise to influence site selection, development or major expansion of a single large activity generator. Small Area Plans can define in detail the types of development, architectural standards, pedestrian facilities, shared parking, lighting etc.

One area that would benefit from Small Area Plan and associated analysis is the Downtown Core area on the Land Use. The purpose of the plan would be to encourage a stronger "Downtown Wyoming" that would include shops, offices, high-density housing and public facilities. The City may need to make zoning amendments that allow for the area to develop with greater intensity than other portions of Wyoming while maintaining the same values. The study area would be centered around the intersection of US Highway 61 and East Viking Boulevard. The Plan would describe retail opportunities, other Commercial and residential development and pedestrian-friendly amenities. The completed plan would be the catalyst for establishing visual standards or styles that identifies the area as the downtown core. Redevelopment of the area will have many challenging elements.

Land Assembly

Land assembly is a process of forming a single site from a number of properties, typically for economic development purposes. In some communities, an individual site may not be conducive to the type of development or redevelopment desired by the community. Working with property owners and other stakeholders to combine contiguous properties can create larger parcels of land more favorable for development projects. From a developer's perspective, development projects are all about time to market (Ref. 14).

Assembling properties one piece at a time is typically a very lengthy process; especially when the subject properties have environmental or legal challenges associated with prior use. This is a very costly process for a developer to undertake on their own and, as a result, they are typically attracted to larger tracts of undeveloped land on the fringes of developed areas. Through strategic land assembly, communities can position properties in their urban core to appeal to the development community and be able to attract a wide range of development.

Plan Implementation

Implementation of the recommendations proposed in the Wyoming Comprehensive Plan can be accomplished using a variety of tools. The City can regulate land, offer incentives for its development and undertake its own improvement projects. These powers fall into two general categories:

1. The City's official controls.
2. The City's capital improvements program.

The Wyoming Comprehensive Plan must respond to the continuous stream of changes that occur in the community. This chapter of the Comprehensive Plan lists the major actions that the City expects to take to carry out the objectives and policies of the plan. This chapter also describes how the plan's usefulness will be monitored and how it may be amended.

Official Controls

- **Update the Zoning Ordinance.** Update the City's zoning ordinance to conform with the newly adopted comprehensive plan. Incorporate the best and most appropriate features of the current zoning ordinances of the City. Write new districts and features as needed. Involve the public in the review and refinement of the draft ordinance.
- **Update the Zoning Map.** Update the zoning districts map, adjusting the classification of properties according to the guidelines on the next page. Involve the public in the review and refinement of the map. Conduct a public hearing and officially adopt the map.
- **Revise the City's Subdivision Ordinance.** Revise the subdivision ordinance as needed to reflect the adopted Comprehensive Plan as the new ordinance for the City.
- **Adopt an Official Map of Public Facilities.** Adopt an Official Map(s) consistent with Minnesota Statute 462.359 that reserve property for future, planned arterial roads, water storage tanks or other public facilities where the future location has been adequately identified.

Guidelines for Adjusting the Zoning Map

These guidelines should be considered when considering changes to the zoning map:

1. Maintain Current Zoning:

Maintain the intent, if not the exact wording, of the current zoning classifications and regulations unless they are in direct conflict with the comprehensive land use plan.

2. Changes from Existing Zoning Districts:

Properties may retain their zoning classification until either:

- A. The landowner requests a change;
- B. The property is subdivided;
- C. The property is sold or transferred to another owner;
- D. The property is vacant and zoning does not match the Land Use Plan

3. Roads and Utility Extensions:

When an engineering feasibility study is ordered and reviewed by the City Council, the Council should consult with potentially affected landowners to determine how those properties should be zoned.

4. Transition to Smaller Lots:

Large parcels zoned Residential or Agriculture may be subdivided into smaller residential lots if a plan is submitted and approved for future re-subdivision into smaller lots which may be served by City sewer and water in the future.

Annual Report

The Wyoming City Planning and Zoning staff will prepare a brief report to the Planning Commission summarizing:

- How the Comprehensive Plan was used to direct regulatory, spending, and construction decisions.
- How development and redevelopment did (or did not) coincide with the guidance of the plan.
- How the City has changed in ways that may call for amendments to the plan.

The report should be transmitted to the Planning Commission and City Council and made available to the public. A brief verbal presentation at a workshop meeting should be conducted to call attention to the major findings of the annual report.

Formal Reviews

At least once every five years, the Wyoming City Planning and Zoning staff and the City Planning Commission will complete a formal review of the entire plan, changing those features and sections that are judged to be out of date and/or not serving their purpose. At least once every ten years, the process for the formal review should involve an *ad*

hoc advisory group that assists the City Planning Commission as well as a public engagement process. Thus, it would be similar to the process used to draft the current Comprehensive Plan.

Periodic Amendments

It is appropriate that some parts of the plan are rarely amended while others are highly subject to examination. The features that should be most long-lasting are those that are most fundamental such as the plan objectives (e.g., Land Use). Policies of the implementation priorities should be more open to revision. Changes to the plan maps will depend on the magnitude of the revision, their relationship to the objectives, and the nature of the changing circumstances that lead to the desire for amendments.

The City staff and the City Planning Commission will propose amendments to the Comprehensive Plan as part of the annual identification of goals, initiatives and priorities, and from time to time as circumstances warrant. The public, including nearby Cities and Townships, should be notified of these proposed changes and allowed an opportunity to become informed of the change and provide input. The City should consider neighborhood opinion in evaluating how a proposed change would meet the above criteria. The City may consider soliciting public opinion through direct mail survey forms, neighborhood meetings (where applicable) or Planning Commission meetings and public hearings as required. These criteria should be considered when reviewing changes to the plan:

1. The change is consistent with the goals and objectives or other elements of the Wyoming Comprehensive Plan.
2. The change does not create an adverse impact on public facilities and services that cannot be mitigated. Public facilities and services include roads, sewers, water supply, drainage, schools, police, fire and parks.
3. Development resulting from the change does not create an undue impact on surrounding properties. Such development should be consistent with the physical character of the surrounding neighborhood or would upgrade and improve its viability.
4. The change allows a more viable transition to the planned uses on adjacent properties than the current land use.
5. The change does not have a significant adverse impact on the natural environment including trees, slopes and groundwater, or the impact could be mitigated by improvements on the site or in the same vicinity.
6. There is a change in City policies or neighborhood characteristics that would justify a change.
7. The change corrects an error made in the original plan.
8. There is a community or regional need identified in the comprehensive plan for the proposed land use or service.
9. The change helps the City meet its life-cycle and affordable housing objectives.
10. The change does not adversely impact any landmarks or other historically significant structures or properties unless mitigated through relocation, commemoration or dedication.

Priority Actions

The City's actions will be consistent with the policies of the Comprehensive Plan. Those actions include:

- Development applications
- Capital improvements program
- Neighborhood and district plans
- Plans of other agencies as they affect Wyoming
- The Zoning Ordinance and Zoning Map
- The Subdivision Ordinance

Responsibility for specific actions will be assigned to departments and individuals by the City Administrator (or occasionally the City Council), who will also lead in formulating annual work programs. The indicated time frame for each action is an estimate, and actual timing may vary.

The City will conduct the actions listed in the following tables through annual and multi-year assignments. The following actions should be regularly reviewed to ensure that they both comply with the Comprehensive Plan Objectives and consider the current technology available. Because this is a twenty-year plan, individual actions could occur multiple times over the life of the plan. As previously noted, it is anticipated that the City will revisit the plan after a period of ten years.

Additional actions may be added through periodic review, and certain actions may be modified or deleted based on the judgment of the City Council, Plan Commission or City Administrator.

Table 19 - Major Plan Implementation Actions

	Plan Element	Objective	Actions	Responsible Parties	Target Completion Date
1	Land Use	Utilize Land Efficiently	1.1 Prepare a Small Area Plan for the northwest of the intersection of I35 and East Viking Boulevard	Staff, Consultants, Developers	Complete
			1.2 Prepare a cost of community services study	Consultants	Future
			1.3 Map undeveloped parcels within service area and growth areas.	Engineer/GIS	2022
			1.4 Address inconsistencies between zoning and Land Use Plan	Planning Commission	2022
			1.5 Rezone vacant properties to match Comprehensive Plan	Planning Commission	2022
			1.6 Address non-conforming issues related to the Comprehensive Plan and current zoning	Planning Commission	2022
2	Transportation Plan	Integrate Transportation Systems	2.1 Create a bicycle and Pedestrian Plan as part of new Park Master Plan	Consultant	2022
			2.2 Encourage a Transportation Investments for Pedestrians, Bicyclist, and Motor Vehicles	City Council	Annually
			2.3 Connect Neighborhoods; develop plans for connecting dead-end roadways.	Staff, Consultants	2023
			2.4 Prepare feasibility study of future Innsbrook Avenue, from East Viking Boulevard to 269 th Street/ Wyoming Trails, including location of future regional municipal utilities.	Consultants, County, Staff	Future
			2.5 Prepare a feasibility study to develop intersection improvements for Kettle River Boulevard and East Viking Boulevard to facilitate development	Consultants, MnDOT, County, Staff	2022
			2.6 Explore viability of extending CSAH 22 west through the signalized intersection to the commercial/industrial park.		
3	Utilities	Expand Municipal Utilities	3.1 Review and update wastewater and water comprehensive plans and capital improvement programs	Engineer, Consultants	2025
			3.2 Consider adoption of an Adequate Facilities ordinance	Staff, Planning Commission	Future

			3.3 Prepare a cost of community services study	See Task 1.3	
4	Housing	Diversify housing	4.1 Review and update residential zoning to promote greater density where appropriate, and variation in lot sizes.	Planning Commission	2022 -2023
			4.2 Review ordinances to provide for greater multi-family opportunities and senior house near amenities	Planning Commission	2022-2023
			4.3 Consider zoning amendments to encourage more starter homes and life cycle housing	Planning Commission	2023
5	Parks, Trails and Recreation	Enhance recreation opportunities	5.1 Review and update the Parks Improvement Plan and park program	Consultant	2022
			5.2 Study the feasibility of water-based park/access facility (Comfort Lake or Heims Lake) - swimming, fishing, passive use, splash pad	Consultant	2023
			5.3 Consider and encourage regional collaboration for trail extensions - Swedish Immigrant Trail, Comfort Lake Route, Kettle River Boulevard.	City Council, County	2025-2030
			5.4 Improve neighborhood connections	See Task 2.4 and Task 5.1	
6	Natural Environment and Sustainability	Protect the natural environment	6.1 Update 2011 Surface Water Management Plan	Consultant	2024
			6.2 Review and reduce parking requirements and enhance shared parking to increase pervious surfaces.	Planning Commission, staff	2023
			6.3 Complete tree inventory and assess forest quality and effectiveness of woodland protection ordinance –	Consultant, Planning Commission	Complete

7	Economic Development	1. Pursue a thriving economy	7.1.1 Update the 2017 EDA Strategic Plan	City EDA, County	2027
			7.1.2 Engage a public funding specialist to assist with the pursuit of grants and loans.	Administrator	On-going
			7.1.3 Establish a business advisory group that meets quarterly.	Administrator	On-going
			7.1.4 Review and update the business subsidy policies	Administrator	2022
			7.1.5 Prepare a cost of community services study	See Task 1.3	
			7.1.6 Kettle River Industrial park - develop incentives to shift outside storage intensive business to Kettle River Boulevard and 280th Street	Staff, Consultant	2030
			7.1.7 Prepare a feasibility study to develop intersection improvements for Kettle River Boulevard and Viking Boulevard to facilitate development	See Task 2.5	
		2. Strengthen the Downtown Core	7.2.1 Prepare Small Area Plan for the Downtown Core	Consultant	2023
			7.2.2 Consider a shared parking ordinance and shifting store fronts towards the curb with street parking and parking lots behind	Planning Commission	2023
			7.2.3 Review appropriate building setbacks in Downtown Core	Planning Commission	2023
			7.2.4 Consider Surface Water Management rules that allow for greater impervious coverage while providing equitable treatment or cash in lieu of treatment	Planning Commission, Council	2023
			7.2.5 Encourage a Transportation Investments for Pedestrians, Bicyclist, and Motor Vehicles	See Task 2.3	
			7.2.7 Prepare a land assembly study incorporating the Bingham property, Railroad Park and Lakes Gas, etc.	Staff, Consultants, EDA, County	On-going
			7.2.8 Explore a facade Improvement Program and financial assistance for businesses facing Highway 61, East Viking Boulevard and CSAH 30	Staff, Consultants, EDA, County	On-going
			7.2.9 Prepare a land assembly study incorporating the area south of East Viking Boulevard and east of highway 61	Staff, Consultants, EDA, County	On-going

Other Implementation Items:

1. Develop and Complete Official Zoning Map, showing sanitary sewer extensions
2. Develop future water well field and well head protection plan.
3. See 2022 Planning Commission Goals

List of References

1. League of Minnesota Cities Planning Commission Guide, August 3, 2018.
2. City of Wyoming Economic Development Strategic Plan, 2017.
3. 2009 Comprehensive Plan Task Force Meeting, September 20, 2007.
4. State of Minnesota, Office of Administrative Hearings for the Department of Administration, Document 3-2900-16083-2 – In the Matter of the Petition of Chisago City for Annexation of Unincorporated Property in Wyoming Township (A-6996).
5. City of Wyoming Comprehensive Plan, 2009.
6. Chisago County Housing Study, Maxfield, 2018.
7. Minnesota State Demographer
8. Chisago County Commuter Study 2019.
9. City of Wyoming Comprehensive Sewer Plan, 2010.
10. City of Wyoming Parks, Open Space and Trail System Plan (2022).
11. Chisago County Swedish Immigrant Trail Plan (2015).
12. City of Wyoming Surface Water Management Plan, WSB and Associates, August 23, 2011.
13. Cost of Services Study, SEH Inc.
14. Land Assembly, Camion Associates.



CHISAGO COUNTY
HRA-EDA
A Natural Resource for Business

Highway 8 Strategic Framework Open House

Join the conversation regarding the future of Highway 8 as we look at the impacts and opportunities of the road reconstruction anticipated for 2024. HKGI, a planning consultant agency, was chosen to facilitate creating a strategic framework with cities along the corridor and county departments. Considerations include economic development, land use, road connections and the environment based on the anticipated development opportunities around the road reconstruction. This Highway 8 Strategic Framework was meant to bring communities together and to plan ahead of the anticipated development.

Date September 28, 2022
Time 4:30pm – 6pm
Location Chisago Lakes Library
11754 302nd St
Chisago City, MN 55013

For more information contact: Chisago County HRA-EDA, 651.674.5664



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