

PLANNING AND ZONING COMMISSION MEETING AGENDA

Tuesday, November 12, 2024 at 6:00 PM
Baxter City Hall, 13190 Memorywood Drive, Baxter, MN

"A Growing Community"

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ROLL CALL

MINUTES

1. Approve Planning & Zoning Commission Meeting Minutes from October 8, 2024

COMMENTS AND QUESTIONS

OLD BUSINESS

NEW BUSINESS

- PUBLIC HEARING. Conditional Use Permit to allow an accessory structure area to exceed the maximum size allowed and a Variance to allow a reduced setback to a side and a rear lot line for property located at 12700 Persimmon Drive (City file 2024-37)
- 3. PUBLIC HEARING. Rezoning/PUD General and Final Plan to amend the current PUD to allow a Musculoskeletal Center with Urgent Care and a Pharmacy for property located at 14275 Edgewood Drive (city file 2024-036)
- 4. **PUBLIC HEARING.** Zoning Ordinance Text Amendment to amend Title 10, Chapter 2 "Definitions" and Chapter 3 "Zoning Districts" of the City Code to allow Cannabis Uses (City file no. 24-040)

UPDATES

ADJOURN



ITEM REPORT PLANNING AND ZONING COMMISSION

Agenda Date:

11/12/2024

Agenda Section:

Minutes

TO: Baxter Planning and Zoning Commission

FROM: Matthew Gindele, City Planner

REQUEST: Approve Planning & Zoning Commission Meeting Minutes from October 8, 2024

APPLICANT: N/A

N/A **ZONING:**

Recommendation

Staff recommends approval of the Planning and Zoning Commission meeting minutes from October 8, 2024.



PLANNING AND ZONING COMMISSION MEETING MINUTES

Tuesday, October 08, 2024 at 6:00 PM
Baxter City Hall, 13190 Memorywood Drive, Baxter, MN

"A Growing Community"

CALL TO ORDER

The regular meeting of the Baxter Planning and Zoning Commission was called to order at 6:00 pm by Chair Hiltner.

ROLL CALL

MEMBERS PRESENT: Chair Chuck Hiltner, Commissioners Howie Oswald, Gwen Carleton and Larry Kellerman

MEMBERS ABSENT: Council Liaison/Mayor Darrel Olson

STAFF PRESENT: CD Director Josh Doty and Planner Matthew Gindele

OTHERS: Steve Jones, John Vanmoer, Anne Larchil, Rob Seymour, Kent O'Grady, Matt Delaney

MINUTES

1. Approve Planning & Zoning Commission Meeting Minutes from September 10, 2024

MOTION by Commissioner Carleton, seconded by Commissioner Kellerman to approve the Planning and Zoning Minutes from the September 10, 2024. Motion carried unanimously.

Chair Hiltner stated that this Commission is a recommending body, and that final approval/denial is taken with the City Council on October 15, 2024.

COMMENTS AND QUESTIONS

OLD BUSINESS

None

NEW BUSINESS

2. **PUBLIC HEARING. Ordinance Text Amendment** to Title 10, Chapter 3 "Zoning Districts" of the City Code to allow columbariums accessory to a religious institution as a conditional use in the zoning districts that allow religious institutions, and a Conditional Use Permit to allow a columbarium for property located at 6190 Fairview Road (City file 24-35).

Chair Hiltner asked for the staff report. Planner Gindele indicated the applicant has requested a zoning ordinance amendment to allow "columbariums" accessory to a religious institution as a conditional use in all districts that allow religious institutions. Under the proposed amendment, a definition of "columbarium" would also be added to the definitions chapter of the zoning ordinance.

The applicant is also requesting a conditional use permit to allow a columbarium at Lord of Life Church located at 6190 Fairview Road.

Planner Gindele reviewed the location of the columbarium on an aerial with the Commission.

Planner Gindele stated the applicant is requesting approval of a conditional use permit to allow a columbarium at Lord of Life Church located at 6190 Fairview Road. The proposed columbarium would be 8' 2-1/4" long by 3' 4-3/7" wide and 5' 6" tall. It would include 48 niches which can hold up to 2 urns each. It is proposed to be located in a side yard on a corner lot between the church and Knollwood Drive but is located over 100 feet from the street. The columbarium would set on a concrete pad with frost-depth footings and would include a patio around it with two benches on opposite sides of the columbarium. A short wall is also proposed on the west side of the patio between the Knollwood Drive and the columbarium that would provide some screening and could be used for sitting. If approved, the ordinance would require the following for placement of a columbarium:

- A. Columbaria shall be screened from adjoining residential properties.
- B. All portions of the use shall meet the minimum district setback requirements for principal structures.
- C. All portions of the use shall be setback a minimum of 10 feet from any wetland and shall be located outside of easements, except as approved by the City.

Planner Gindele reviewed the findings in the staff report with the Commission.

Staff recommends approval of the ordinance amendment and the conditional use permit, subject to the draft resolutions and the draft ordinance.

Commissioner Carleton asked what the approval process would be if the church wanted to expand the columbarium. City Planner Gindele stated that they would need to come back to the Planning Commission to amend their CUP. Carleton asked if they had plans for expansion. Staff stated that the applicant will have to address this question.

Chair Hiltner asked if the same State regulations for cemeteries applied for columbaria; Community Development Director Josh Doty stated that he checked to see what State regulations there were for columbaria but found none.

Chair Hiltner asked how tall the short wall on the west side of the columbarium was going to be and whether it was intended for screening. Steve Jones, representing Lord of Life Church, approached the Commission and stated that the wall was no longer in the plans at this time but that shrubs would be planted around the area. Chair Hiltner stated that the proposed ordinance language didn't specify the amount of screening required and asked if it was expected to be fully screened. City Planner Gindele stated that screening requirements are covered under separate section within the zoning ordinance. Community Development Director Doty added that the ordinance doesn't typically distinguish between "full screening" or "partial screening" unless the intent is to make clear within the ordinance that full screening is required. For columbariums, staff simply wanted to have a screening requirement to adjoining residential properties due to the potential for funeral services to be held at the columbarium which could be disruptive to a residence. Staff can then evaluate the level of screening needed based on circumstances specific to the site during review of the CUP application. Chair Hiltner asked what way the columbarium would be facing. Steve Jones stated that it would be oriented east/west so that the niches would face north/south; the only thing seen from

the road would be a piece of granite 5.5 feet tall, 4 feet wide. Chair Hiltner asked if the church has its own cemetery separate from the columbarium. Mr. Jones stated that the church does not have a cemetery.

Community Development Director brought up the previously asked question about whether the church had plans to expand the columbarium. Mr. Jones stated they had no plans to expand at this time but that they might in the future.

Chair Hiltner asked if the columbarium was only open to members of the church. Mr. Jones confirmed that it would only be open to members of the church and their immediate family members.

Chair Hiltner opened the public hearing.

Rob Seymore (6232 Fairview Drive) approached the Commission and stated that he lives on the adjoining property to the east of the church. He stated that he has no concerns with what the church is proposing but that if the columbarium was planned on the east side of the church that might be problematic for him since that would be right up against his property. He asked for confirmation that if the church wanted to move or expand the columbarium that there would be another public meeting to provide comment at. CD Director Doty confirmed that was the case.

Chair Hiltner closed the public hearing.

MOTION by Commissioner Kellerman, seconded by Commissioner Carleton to approve the ordinance text amendment to Title 10, Chapter 3 "Zoning Districts" of the City Code to allow columbariums accessory to a religious institution as a conditional use in the zoning districts that allow religious institutions. Motion carried unanimously.

MOTION by Commissioner Kellerman, seconded by Commissioner Carleton to approve the Conditional Use Permit to allow a columbarium for property located at 6190 Fairview Road. Motion carried unanimously.

3. PUBLIC HEARING. Planned Unit Development General and Final Plan to allow a redevelopment of the former Camping World property located at 14275 Edgewood Drive (legally described as Lot 1, Block 1, Third Addition to Baxter Wal-Mart Subdivision, Crow Wing County, Minnesota (City file 24-36) (THIS ITEM IS TO BE TABLED TO THE NOVEMBER 12, 2024 PLANNING COMMISSION MEETING AT THE REQUEST OF THE APPLICANT)

Community Development Director Doty stated that the applicant has requested to table this item until the November Planning Commission meeting to allow for time to complete a traffic study.

Chair Hiltner opened the public hearing.

MOTION by Commissioner Carleton, seconded by Commissioner Oswald to table the Planned Unit Development General and Final Plan. Motion carried unanimously.

UPDATES

10/8/2024

ADJOURN

MOTION by Commissioner Oswald, seconded by Commissioner Kellerman to adjourn the meeting at 6:44 p.m. Motion unanimously approved.

Approved by:	Submitted By:
Chuck Hiltner	Shanna Newman
Chair	CD Administrative Assistant



ITEM REPORT PLANNING AND ZONING COMMISSION

Agenda Date: 11/12/2024 Agenda Section: New Business

TO: Baxter Planning and Zoning Commission

FROM: Matthew Gindele, City Planner

REQUEST: PUBLIC HEARING. Conditional Use Permit to allow an accessory structure area to

exceed the maximum size allowed and a Variance to allow a reduced setback to a side and a rear lot line for property located at 12700 Persimmon Drive (City file 2024-37)

and a rear loc line for property located at 12700 Persiminon Drive (City file 2024

APPLICANT: Damond Clanton, 12700 Persimmon Drive, Baxter, MN 56425

R-1, Low Density Residential

ZONING:

1. Application Request

The applicant has requested a conditional use permit (CUP) to allow for the construction of a 780 square foot accessory structure. The property also has an existing 1,040 square foot attached garage, which, when added to the requested accessory area, brings the total accessory area requested to 1,820 sq. ft. when the ordinance limits accessory structure area to a cumulative total of 1,800 sq. ft. The applicant has also requested a variance to allow a reduced setback from the side and rear lot lines where a minimum of 50 feet is required.

The zoning ordinance allows properties within the R-1, Single Family Residential district that are 2.5 acres or larger deviate from the size requirements of the Code with approval of a conditional use permit. The subject property is 3.84 acres.

2. Context

Adjacent Land Use and Zoning

	Adjacent Land Use	Zoning
North	Single Family Residential Property	R-1, Single Family Residential
East	Single Family Residential Property	R-1, Single Family Residential
South	Single Family Residential Property	R-1, Single Family Residential
West	Vacant	PB, Public Benefit

Characteristics of the Site

The subject property is 3.84 acres in size and is accessed by a private drive that connects to Joler Road to the south. It is not located within any shoreland overlay district but does contain significant wetlands on the south and east sides of the property. The wetlands act as a FEMA floodplain which encroaches into the property on the east and south sides but does not encompass the area where the existing house or proposed garage are. The property is heavily wooded with mature deciduous trees except for the west property line, and slopes down to the wetlands to the south and east.

3. Analysis of Request

Conditional Use Permit

The applicant has requested a conditional use permit (CUP) to be allowed to construct a 780 square foot detached accessory structure in addition to the existing 1,040 square feet of attached accessory structure area. The cumulative accessory structure area requested is 1,820 square feet when the maximum cumulative accessory structure area allowed is 1,800.

The proposed structure would match the architectural design of the existing home including color, materials, construction type, and design compliant with ordinance requirements. The proposed garage height is approximately 13' 4" and the house is 15' 6" so the garage is also compliant with the maximum height restriction in the ordinance.

The zoning ordinance allows accessory structures to deviate from the size standards of the ordinance with a conditional use permit for properties that are a minimum of 2.5 acres, subject to the following conditions:

- 1) The accessory building shall be a minimum of 50 feet from the side and rear property lines.
- 2) The accessory building is located rearward of the front line of the principal structure.
- 3) The accessory building meets all the conditions of the approved conditional use permit.

The applicant has submitted a plan showing that the proposed garage will be 85 feet from the north rear lot line and 21 feet from the west side lot line (see variance discussion below). The applicant is proposing the garage to be located rearward of the front line of the home in compliance with the condition above. Staff has also reviewed the request on the general CUP standards, and finds that those standards are being met as described below. Section 10-7-4 of the Zoning Ordinance defines the criteria for reviewing and processing a conditional use permit (CUP). Specifically:

A. Excessive Burden: The use shall not create an excessive burden on existing parks, schools, streets and other public facilities and utilities which serve or are proposed to serve the area.

The detached accessory building would not create a burden on existing parks, schools, streets, and other public facilities when used in a manner that complies with all City Ordinances.

B. Compatibility: The use shall be compatible with adjacent land uses so that existing uses will not be depreciated in value and there will be no deterrence to development of vacant land.

The proposed garage is compatible with adjacent land uses consisting of larger lot residential uses, many of which have detached accessory structures. Staff finds that the proposed garage would not depreciate adjacent properties when used in a manner that complies with City Ordinances.

C. Appearance: The use shall have an appearance that will not have an adverse affect (sic) upon adjacent properties.

The proposed residential accessory building would not have an adverse effect on adjacent properties because it will drain onto the subject property and will be designed to blend into the existing development. The applicant has stated that the exterior materials and color of the proposed garage will match the existing home to mitigate visual impacts to the neighbor.

D. Overall Needs: The use, in the opinion of the planning and zoning commission shall be reasonably related to the overall needs of the city and to the existing land use.

The accessory building would be related to the single-family use on the property.

E. Consistent with Purpose: The use shall be consistent with the purposes of this title and purposes of the zoning district in which the applicant intends to locate the proposed use.

Accessory buildings for personal use located on a single-family home site are an acceptable use that is consistent with the purpose of the R-1 zoning district.

F. Comprehensive Plan: The use shall not be in conflict with the comprehensive plan of the city.

The garage use would not conflict with the comprehensive plan of the city.

G. Traffic: The use will not cause traffic hazard or congestion.

The garage would not cause traffic hazard or congestion.

H. Facilities: The use shall have adequate utilities, access roads, drainage and necessary facilities.

The site has adequate utilities, access roads, drainage, and necessary facilities to serve the proposed residential accessory structure use.

Variance

The applicant has also requested a variance to allow an accessory structure that is over the maximum area allowed to have a 21-foot setback from a side lot line. One of the stated conditions of the ordinance allowing an oversized garage with approval of a CUP requires a minimum of a 50-foot setback from the side and rear property lines. The applicant is requesting the variance to allow a 21-foot setback from the west side property line.

The variance standards are established by Minnesota Statute §462.357, Subd. 6.2. The burden of proof is on the applicant to show that the variance standards have been met. Staff has reviewed the application for consistency with the variance standards, as follows:

a) That there are practical difficulties in complying with the Zoning Ordinance.

There are practical difficulties in complying with the Zoning Ordinance due to the natural features on the property (slope, wetlands, floodplain) and the fact that the most reasonable location for the detached garage on the property is in the proposed location; any other location would require a much longer driveway on a site that has sensitive natural features.

b) That the conditions upon which a petition for a variation is based are unique to the parcel of land for which the variance is sought and were not created by the landowner.

The conditions are unique to the parcel of the land and were not created by the landowner. Due to the natural features on the property and the location of the existing home as it relates to the private access raod, the proposed location of the detached garage is the most reasonable location on the property.

c) That the granting of the variation will not alter the essential character of the locality.

The granting of this variance will not alter the essential character of the locality because adjacent properties have also been developed with detached accessory structures near the property line of

the subject property. Furthermore, the proposed setbacks are still a greater distance from the property line than the standard 10-foot district setback requirement.

d) The proposed variance would be in harmony with the general purposes and intent of the Ordinance.

The variance would be in harmony with the general purposes and intent of the ordinance. The intent of the ordinance is to protect the adjacent property from visual impairment and potential stormwater runoff. The accessory structure will match the house in color and materials so that it blends in well with the surroundings. The natural slope of the subject property drains away from neighboring properties.

e) The variance is consistent with the Comprehensive Plan.

The comprehensive plan and zoning ordinance identifies this property as a residential use, and accessory structures are allowed accessory uses within the Low-Density Residential zoning district.

4. Recommendation

Staff recommends approval of the conditional use permit and the variance, subject to the findings and conditions in the attached resolution.

Attachments

- 1. Draft Resolution 2024-090 approving the CUP and Variance
- 2. Applicant Narrative
- 3. Site Location Map
- 4. Site Plan
- 5. Garage Plans and Elevations

CITY OF BAXTER, MINNESOTA RESOLUTION 2024-090

RESOLUTION APPROVING A CONDITIONAL USE PERMIT ALLOWING AN ACCESSORY STRUCTURE TO DEVIATE FROM THE SIZE REQUIREMENTS OF THE CITY CODE AND A VARIANCE TO ALLOW A 21-FOOT SETBACK FOR PROPERTY LOCATED AT 12700 PERSIMMON DRIVE (City File 24-37)

WHEREAS, Damond Clanton ("the applicant") has requested approval of a conditional use permit and variance for property legally described as follows:

LOT 3, BLOCK 2, JASPER HEIGHTS, CROW WING COUNTY, MINNESOTA.

WHEREAS, the Planning and Zoning Commission has reviewed the request at a duly called Public Hearing on November 12, 2024, and recommends approval, and;

Whereas, the City Council considered the Planning and Zoning Commission recommendation at their November 19, 2024 meeting;

NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE CITY COUNCIL OF THE CITY OF BAXTER, MINNESOTA, that it should and hereby does approve the request for a conditional use permit and variance, subject to the following findings and conditions:

- 1. The conditional use permit allows for accessory structure to exceed the area requirements of the City Code. Specifically, it allows for the construction of a 780 square foot detached garage and for cumulative accessory structure area to exceed 1,800 square feet. The conditional use permit approves a cumulative total of 1,820 square feet of total accessory structure area to include an existing 1,040 square foot attached garage and a 780 square foot detached garage, in accordance with the application and plans received by the City on September 23, 2024, revised garage plans received by the City on October 9, 2024 and revised site plan received by the City on November 6, 2024, except as may be amended by this resolution, based on the finding that all applicable conditional use permit standards have been met.
- 2. The variance allows for a 21-foot setback from the west side lot line when the ordinance requires a minimum of 50 feet in accordance with the application and plans received by the City on September 23, 2024, revised garage plans received by the City on October 9, 2024 and revised site plan received by the City on November 6, 2024, except as may be amended by this resolution, based on the finding that all applicable variance standards have been met.

FURTHER BE IT RESOLVED, that the following conditions of approval shall be met:

1. Building permits shall be required prior to beginning construction.

- The exterior materials and color of the proposed detached accessory structure shall match the principal structure. This includes both the siding materials and the roofing materials.
- 3. Permanent ground coverage shall be established around the accessory structure after construction in compliance with section 10-4-8D of the Zoning Ordinance. Specifically, all areas of soil that become exposed during construction that are not otherwise covered with approved surfacing, landscaping, etc. shall be established with vegetative ground cover grown into a minimum of 70% cover over those areas.
- 4. The overhead doors shall be limited to 9 feet tall in compliance with the City Code.
- 5. Approval shall expire within one year of the date of approval unless the applicant commences the authorized use.

Whereupon, said Resolution is hereby declared adopted on this 19th day of November 2024.

	Darrel Olson, Mayor
ATTEST:	
Kelly Steele City Clark	City Seal

Making this building integrate with the home is very important to me, not only from a visual aspect but also an investment stand point. all elements of the building will tie in with the home. windows will match in size and color, metal siding will match in both type and colors of home, shingles will match the home exactly, gutters will match the home, soffit and fascia will match the home, overhead doors will match in color, roof lines will match hip roof only, generous over hangs will tie in the two buildings as well. Interior components will also be of the highest quality with in-floor heating in concrete as well as snowmelt in the exterior concrete sidewalks. interior wall finishes will consist of all metal wall and ceiling materials with the ceiling being a perforated metal to diminish noise and make a more comfortable work space for future occupants. walls will have blown in fiberglass providing R25 with an R 50 in lid. The intended use of this building is additional vehicle storage as well as heated space for sheet metal shop operations. This building will also be very adaptable for future owners to make a fine at-home workshop or woodshop.

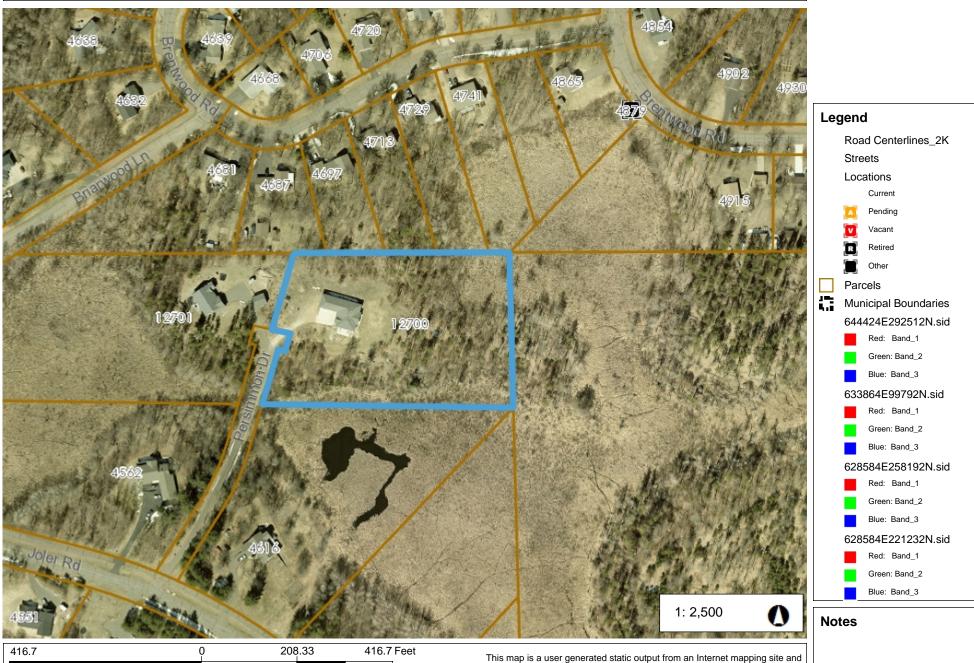
Item 2.



Crow Wing - county coordinates - english

City of Baxter

Baxter



is for reference only. Data layers that appear on this map may or may not be

accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Item 2.



Crow Wing - county coordinates - english

City of Baxter

Baxter



Legend

Road Centerlines_1K

Streets

Locations

Current

Pending

Vacant Retired

Other

Parcels

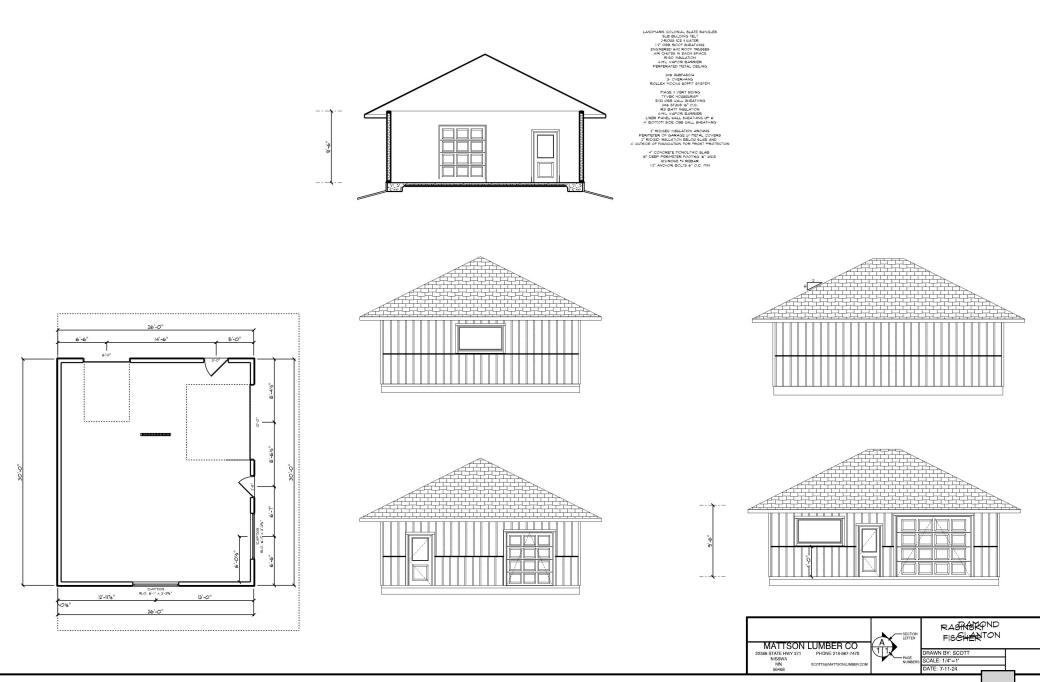
Municipal Boundaries

Notes

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be

accurate, current, or otherwise reliable.

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ITEM REPORT PLANNING AND ZONING COMMISSION

Agenda Date:

11/12/2024

Agenda Section:

New Business

TO: Baxter Planning and Zoning Commission

FROM: Joshua Doty, Community Development Director

REQUEST: PUBLIC HEARING. Rezoning/PUD General and Final Plan to amend the current PUD to

allow a Musculoskeletal Center with Urgent Care and a Pharmacy for property located

at 14275 Edgewood Drive (city file 2024-036)

APPLICANT: Widseth

PUD, Planned Unit Development

ZONING:

1. Application Request

The applicant is requesting approval of a Rezoning/PUD (Planned Unit Development) General and Final Plan to amend the current PUD to allow a Musculoskeletal Center with Urgent Care and a Phamacy for property located at 14275 Edgewood Drive. The applicant is proposing to renovate the approximately 68,000 square feet of the 110,000 square foot interior of the building. The Musculoskeletal Center would include lobby space, Diagnostics, Treatment, Rheumatology, Orthopedic, Pain, Rehabilitation, Urgent Care, Pharmacy with drive through, Procedure Spaces, Imaging, Lab space, and other program and staff spaces. The remaining vacant space of the in the building would be available for future growth. Additionally, the applicant is proposing renovations to the exterior appearance of the building. While the building would look completely different after renovation, the applicant is not proposing changes to the building footprint. Lastly, the applicant is proposing renovations to the parking lot, including a redesign of the front entrance area to add green space, landscaping, and a dedicated handicap parking area. The applicant would also remove the fenced areas that were built for Camping World and would redesign the camper parking spaces to vehicle parking spaces, and parking lot islands.

The subject property is currently within a PUD, Planned Unit Development that also includes 14203 and 14199 Edgewood Drive, which a located directly east of the subject property. No changes are proposed to 14203 and 14199 Edgewood Drive properties with this application, except that a new sign is proposed on the existing pylon pole for the subject property, which is located at the southwest corner of 14199 Edgewood Drive.

2. Previous Applications Affecting the Site

A) <u>Approval of Gander Mountain, Caribou Coffee/Aspen Dental and vacant lot north of the Caribou Coffee/Aspen Dental Lot along Edgewood Drive.</u>

Ordinance 2016-040 Approving Rezoning to PUD

Resolution 2016-072 Approving Preliminary and Final Plat

Resolution 2016-073 Approving PUD General and Final Plan

Resolution 2017-017 Approving PUD General and Final Plan to add a phasing plan

B) Approval of Gander Mountain, Camping World with Recreational Vehicle Parking out to Edgewood Drive and consolidation of the north frontage lot with the Gander/Camping World property.

Ordinance 2017-011 Approving Amended PUD

Resolution 2017-099 Vacating Easements

Resolution 2017-101 Approving Preliminary and Final Plat Resolution 2017-098 Approving PUD General and Final Plan

C) Approval of Gander Outdoors, Camping World with Recreational Vehicle Parking, Overton's and re-establishment of the north frontage lot for a multi-tenant retail building.

Ordinance 2018-003 Approving Amended PUD

 The original plat approved with Resolution 2016-072 served the lot interest for this subject PUD Amendment

Resolution 2018-011 Approving PUD General and Final Plan

D) Approval of a PUD Amendment to add a drive-through use and modify the building size for the north Edgewood frontage lot multi-tenant retail building.

Ordinance 2018-018 Approving Amended PUD

Resolution 2018-086 Approving PUD General and Final Plan

E) Denial of a PUD Amendment for Flagpole.

Resolution 2018-117 Denying PUD Amendment

F) Approval of a PUD Amendment to allow a Propane Fill Station for Camping World. The applicant never moved forward with this amendment within the one-year expiration timeframe. This approval has expired.

Ordinance 2019-021 Approving Amended PUD

Resolution 2019-083 Approving PUD General and Final Plan

3. Context

Adjacent Land Use and Zoning

	Adjacent Land Use	Zoning
North	Commercial Property	C-2, Regional Commercial
East	Edgewood Drive and Hwy 371	N/A
South	Commercial Property	C-2, Regional Commercial
West	Residential Homes	R-2, Medium Density
		Residential

Natural Characteristics of the Site

The site is fully developed and has very minimal topography. The lowest grades and a wetland area are located on the back (west) side of the existing building. There is also a lower elevation area on the south side of the property where the existing storm water treatment pond is located. There is an existing wooded area behind the existing building. The other trees on site are landscaping trees that were planted with the various developments of the site. The property is not located in a shoreland overlay district and there is no floodplain on the property.

Utility Commission Review

The Utility Commission reviewed the application on November 7, 2024, and recommend approval subject to the applicant completing an escrow agreement for relocated fire hydrants prior to issuance of a building permit.

4. Rezoning/PUD General and Final Plan

The City's PUD Ordinance states the following:

The purpose of the planned unit development district (PUD) is to provide a comprehensive procedure intended to allow greater flexibility in the development of neighborhoods or nonresidential areas than

would be possible under a conventional zoning district. The decision to zone property to PUD is a public policy decision for the city council to make in its legislative capacity. The intent of this article is to:

- A. Provide for the establishment of planned unit development (PUD) zoning districts in appropriate settings and situations, to create or maintain a development pattern that complies with the city's comprehensive plan.
- B. Allow for the mixing of land uses within a development when such mixing of land uses could not otherwise be accomplished under this chapter.
- C. Provide for variations to the strict application of the land use regulations in this chapter in order to improve site design and operation, while at the same time incorporating design elements (e.g., construction materials, landscaping, lighting, etc.) that exceed the city's standards to offset the effect of any variations.
- D. Promote a more creative and efficient approach to land use within the city, while at the same time protecting and promoting the health, safety, comfort, aesthetics, economic viability, and general welfare of the city.
- E. Preserve and enhance natural features and open spaces.
- F. Maintain or improve the efficiency of public streets and utilities.
- G. Ensure the establishment of appropriate transitions between differing land uses.

Staff notes that site plan elements relate to the overall PUD proposal to determine if the above intent of the PUD has been achieved. Staff has reviewed the applicants plans related to the above standards and offers the following:

	Ordinance Requirement	Proposed	Meets/Exceeds Requirements
Parking & Drive Aisle Setbacks	10-foot setback	Zero feet	No*
Farking & Drive Aisle Setbacks	10-100t Sciback	Zeio ieet	Existing Joint
			Access
			Approved
Parking	537 spaces	417 spaces	No*
		123 demonstrated	
		parking spaces	
		540 total spaces	Yes
Parking Stall Dimensions	10 feet by 18 or 20 feet	10 feet by 20 feet	Yes
Drive Aisle Dimensions	24 feet	24 feet	Yes
ADA Parking Lot Sidewalks	Sidewalk Connection Through	Sidewalk Connection	Yes
8	Parking Lot to Front Entrance	Through Gander	
		Parking Lot	
ADA Development Connectivity		ADA Connectivity	Yes
_		Through Development	
		to North, South and	
		East	
Structural Coverage	50 percent	14 percent	Yes
Impervious Surface	88 percent (non-shoreland)	78 percent	Yes
Landscaping			
Number of Trees	80 trees	61 existing trees +41 new trees = 101	Yes
Size of Trees	2-inch and 6-foot	Unknown	Unknown**
Priority Placement of Trees	Front Yard Priority	Front Yard Trees	Yes
Number of Shrubs	265 shrubs	80 shrubs + 21 extra	
		trees provide 165	
		shrub credit	Yes
Size of Shrubs	3 gallon	Unknown	Unknown**
Tree Species	Approved Trees List	Unknown	Unknown**
Percentage of Coniferous	30 % of required trees	Over 30 % coniferous	Yes
Parking Lot Islands	One island per 10 stalls	One island per 16	No*
_	One Overstory Tree Per Island	stalls	

^{*}See discussion below

Access

Existing access locations would be used to serve the development. Specifically, there are two existing access locations on Edgewood Drive and a third private access extends to the Cub Foods development located south of the subject property.

^{**}Unknown - Conditions Added to PUD resolution for Ordinance Compliance

Drive Aisles

The existing recorded plat was approved with recorded cross access the three properties. Therefore, there are several zero-foot parking and drive aisle setback areas. Staff notes that the drive isle setbacks proposed would be approved with the PUD based on the plans.

Parking

The developer is proposing 417 parking stalls on the property and 537 spaces are required, which equates to a 120-stall parking shortage. Staff notes that the 537 spaces required is a calculation of the entire building being built out with medical use, which is not proposed at this time. The applicant is proposing to address the is proposing surplus 120 stall parking shortage through a Demonstrated Parking Plan (proof of parking). The City's parking ordinance allows demonstrated parking to be approved to account for parking shortages if approved by the City Council. Staff notes that the applicant has shown a demonstrated parking plan including 123 parking spaces to accommodate the parking shortage.

Demonstrated Parking (Proof of Parking): The City Council may approve a "demonstrated parking" plan which allows for a portion of the required parking but demonstrates that the minimum number of required parking spaces can be accommodated on the property and meet setback requirements. The plan must demonstrate that all other applicable ordinances can be met if the full amount of required parking were to be constructed. The area for future parking must be maintained as green space (grass, natural plant materials, mulch, or other appropriate landscape material). Any changes to use and/or building size could invalidate the approval for "demonstrated parking". If the City determines that the use of demonstrated parking has become a problem, the owner of the property shall construct the minimum number of demonstrated parking spaces to alleviate the parking problem.

Staff has added a condition to the resolution that requires the applicant to construct the Demonstrated Parking if the City determines that there are parking shortages on the site.

Sidewalk Connections

The zoning ordinance states that parking lots over one hundred (100) spaces must provide at least one landscaped ADA pedestrian walkway. The walkway shall be designed to prevent the bumper of vehicles damaging landscaping or encroaching into the walkway area. The location of the walkway must be designed to safely and conveniently move pedestrian traffic to the principal entrance of the building(s) and be acceptable to the city. The subject property exceeds 100 spaces. The applicant is proposing one landscaped ADA pedestrian walkway through the middle of the parking lot to the front entrance. In addition, the applicant is proposing sidewalk connectivity with the development. Specifically, the developer is proposing sidewalks to the following:

- 1) To the South property line to connect with the Cub Foods storefront sidewalk,
- 2) To the North property line to the Pine Grove Estates development,
- 3) To the North adjacent commercial business,
- 4) To the East from the existing building front entrance through the parking lot to connect to the Northeast Retail building and to Edgewood Drive, and
- 5) To connect the two frontage buildings with ADA connectivity.

Landscaping

The applicant has proposed a landscape plan that meets most of the landscaping requirements, but more information is needed to confirm compliance with all the City's landscape standards. Staff has added conditions to the approving resolution requiring revisions to the plans before construction could begin. Specifically, the developer must provide tree species types, tree sizes, and shrub sizes in compliance with zoning ordinance requirements.

Parking Lot Islands

The zoning ordinance requires that one parking lot island be provided for every 10 parking stalls. The applicant is requesting PUD flexibility to allow parking lot islands at spacing of up to 16 stalls between islands in the front/east parking lot. Additional PUD flexibility is requested to allow some of these parking lot islands without a deciduous tree. Staff notes that the 16-stall flexibility is based on the existing parking lot geometry, which is not conducive for adding additional parking lot islands. In addition, the parking lot islands without trees is proposed to allow pedestrian connectivity for the parking lot and the island provide refuge space for pedestrians to navigate through the traffic of the parking lot. Staff is supportive of the proposed PUD flexibility to allow the proposed parking lot island plan.

Staff notes that in the north parking lot, the site plan states that the parking lot islands are possible locations for deciduous trees. Staff has added a condition that this plan is revised to indicate that one ordinance compliant deciduous tree is added to each of the parking lot islands in the north parking lot.

Traffic

The site was originally developed and designed for higher intensity commercial use. As such, the existing site and roadway network is established to accommodate the new commercial development that is proposed with the PUD. However, since medical use is proposed, which has a higher traffic demand and since MnDOT is currently planning for an overpass of State Highway 210 on State Highway 371, a traffic study was required. The traffic study is attached and includes the following findings:

- Based on the analysis, no additional roadway improvements are required to maintain acceptable traffic conditions.
- Due to the future State Highway 371/210 Interchange Project, it is anticipated that there could be a recommendation to close the Design Road intersection with State Highway 371. The Traffic Study included analysis of closed and un-closed scenarios of Design Road. If the Design Road access to State Highway 371 is closed, traffic could remain at acceptable levels, provided changes are made to increase the length of some of the turn lanes.
- Due to the future State Highway 371/210 Interchange Project, it is possible Excelsior Road access to State Highway 371 could be impacted. The traffic study notes that changes to this access could have significant impacts with traffic in this area of the City.
- The study recommended some changes with the parking lot entrance area. The applicant addressed these comments with revised plans.

Freestanding Signage

The original PUD for Camping World approved a freestanding pylon sign for the subject property on the southeast corner of the property located at 14199 Edgewood Drive. The applicant is proposing to add a new sign to the existing sign pole. The subject sign (plan attached) includes less area and height than the approved Camping World sign. The proposed sign was designed to comply with zoning ordinance requirements for area, height, and electronic sign requirements. Staff has added a condition to the resolution to require a separate sign permit for the sign and that the sign comply with the City's sign requirements.

Pharmacy Drive Through Use

The applicant is requesting a PUD Amendment to allow a Pharmacy Drive Through. Although the drive through is requested through the PUD, staff has reviewed the request based on the City's drive through standards. The zoning ordinance states that drive through's may be allowed subject to the following standards:

Drive-through business standards

- 1. Adequate stacking distance shall be provided, as determined by the city engineer, which does not interfere with other driving areas, parking spaces, or sidewalks.
- Screening shall be provided of automobile headlights in the drive-through lane to adjacent properties subject to section 10-4-8, "Screening/Landscaping/Fencing", of this title. Such screening shall be at least three feet (3') in height and fully opaque, consisting of a wall, fence, dense vegetation, berm, or grade change.
- 3. A bypass lane shall be provided for each drive-through use, allowing cars to leave the drive-through lane from the stacking area.
- 4. Electronic speaker devices, if used, shall not be audible beyond the property being served and shall not be operated between the hours of ten o'clock (10:00) P.M. and seven o'clock (7:00) A.M., unless extended by the city council as part of the conditional use permit. In addition, the public address or order system shall not be audible from any adjacent residentially zoned or guided property.
- 5. Location: The business shall be located on a site with direct access to a minor arterial street, collector or service road.
- 6. Drive-Through Lanes: Drive-through or drive-in lanes are not allowed between the building and a lot line that faces a public street. This does not pertain to driveways.
- 7. Separation From Residential Property: Drive-through facilities, including, but not limited to, the service windows and stacking spaces, shall be separated from residentially zoned or guided property by an arterial or collector street or shall be set back at least two hundred feet (200') from residentially zoned or guided property.
- 8. Adequate stacking distance shall be provided, as determined by the city engineer, which does not interfere with other driving areas, parking spaces, or sidewalks. Stacking spaces shall not interfere with parking spaces or traffic circulation. The following minimum standards are required:
 - a. Pharmacies: Pharmacies with one drive-through lane shall provide stacking space for at least five (5) vehicles, and pharmacies with two (2) or more drive-through lanes shall provide stacking space for at least three (3) vehicles per lane, as measured from and including the last pick up station, window, or the like.
 - b. Banks Containing Less Than Six Thousand Square Feet: Banks containing less than six thousand (6,000) square feet of gross floor area with one drive-through lane shall provide stacking space for at least six (6) vehicles, and banks containing less than six thousand (6,000) square feet of gross floor area with two (2) or more drive-through lanes shall provide stacking space for at least four (4) vehicles per lane, as measured from and including the last pick up station, window, or the like.
 - c. All Other Uses: Businesses with one drive-through lane shall provide stacking space for at least ten (10) vehicles, and businesses with two (2) or more drive-through lanes shall provide stacking

- space for at least six (6) vehicles per lane, as measured from and including the last pick up station, window, or the like.
- Existing Level of Service on Streets: The applicant shall demonstrate that such use will not significantly lower the existing level of service on streets and intersections. The city may require a traffic study to be prepared.

Staff findings of Drive Through Standards

The development plan includes 5 stacking spaces for the pharmacy drive through in compliance with ordnance standards. The drive through is also located behind the front line of the building in compliance ordinance requirements. PUD Flexibility is requested to allow the drive through without an escape lane. Staff notes that most customers that choose to use a pharmacy drive through will not likely change plans to leave the drive through lane. However, staff had added a condition to the resolution that the owner monitor timeframes to complete orders or employ drive up parking spaces as needed to ensure that patrons are not stuck in the stacking lane for extended periods of time without being able to escape.

5. Recommendation

Staff recommends approval of the application subject to the ordinance and conditions and findings in the attached resolutions.

Attachments

- 1. Draft Ordinance approving Rezoning
- 2. Draft Resolution Approving the PUD General and Final Plan
- 3. Site Location Map
- 4. Project Narrative
- 5. Traffic Study
- 6. Site Graphics

CITY OF BAXTER, MINNESOTA ORDINANCE 2019-0212024-017

AN ORDINANCE AMENDING THE PUD ZONING OF PROPERTY LOCATED AT 14275, 14203 and 14199 EDGEWOOD DRIVE, WHICH IS ADOPTED AS ORDINANCE, PURSUANT TO TITLE 10, CHAPTER 3-2 OF THE CITY CODE (CITY FILE NUMBER 2019-312024-036)

THE CITY OF BAXTER ORDAINS:

Section 1. Amendment of the City Code. Title 10 of the Zoning Ordinance of the City Code of the City of Baxter, Minnesota, hereby remains PUD (Planned Unit Development) but that the correlating PUD development plan is amended pursuant to this ordinance and pursuant to City Council Resolution 2018-086-2024-092 for property located at 14275, 14203 and 14199 Edgewood Drive, legally described as follows:

LOTS 1, 2, AND 3, BLOCK 1 THIRD ADDITION TO BAXTER WAL-MART SUBDIVISION, ACCORDING TO THE RECORDED PLAT THEREOF ON FILE IN THE CROW WING COUNTY, MINNESOTA, RECORDER'S OFFICE SUBJECT TO EASEMENTS, RESERVATIONS OR RESTRICTIONS OF RECORD, IF ANY.

Subd.1. The approval of the PUD amendment and the development standards of the PUD are as indicated on the application received by the city on January 24, 2018, revised plans received on February 8, 2018, and revised narrative received on February 9, 2018, under file 2018-01 and revised application received August 20, 2018 and revised plans received on October 2, 2018, under file 2018-28, and PUD amendment application received on September 17, 2019 and additional application materials received on September 27, 2019 and October 11, 2019, under file 2019-31 except as may be amended by City Council Resolution 2018-086, on file in the office of the zoning administrator under file 2018-28 and except as may be amended by City Council Resolution 2019-083, on file in the office of the zoning administrator under file 2019-31, and PUD general and final plan application to amend the PUD received on September 24, 2024 and revised plans received on October 24, 2024, under file 2024-036.

Subd. 2. The allowable uses for the PUD are any permitted or accessory uses allowed in the C-2, zoning district, except that a drive through use <u>for a pharmacy</u>, <u>recreational vehicle sales and repair</u>, <u>recreational vehicle propane station</u> shall be considered a permitted use. These uses shall be considered "permitted" in the PUD, provided they comply with all the development standards and conditions approved in the PUD by City Council.

Section 2.	Effective Date.	This amendment shall take effect upon its passage.
Whereupo November	•	ce is hereby declared adopted on this 19 th day of
		Darrel Olson, Mayor
ATTEST:		
Kelly Steel	e, City Clerk	City Seal

CITY OF BAXTER, MINNESOTA RESOLUTION 2024-092

RESOLUTION APPROVING A PUD, PLANNED UNIT DEVELOPMENT AMENDMENT TO ALLOW A PROPANE SERVICE STATION FOR CAMPING WORLD FOR THE PUD LOCATED AT 14275, 14203 and 14199 EDGEWOOD DRIVE (CITY FILE NUMBER 2019-31)

WHEREAS, Vercon, Inc ("the applicant") has requested approval of a PUD, Planned Unit Development Amendment on property located at 14275 Edgewood Drive, legally described as follows:

LOTS 1, 2, AND 3, BLOCK 1 THIRD ADDITION TO BAXTER WAL-MART SUBDIVISION, ACCORDING TO THE RECORDED PLAT THEREOF ON FILE IN THE CROW WING COUNTY, MINNESOTA, RECORDER'S OFFICE SUBJECT TO EASEMENTS, RESERVATIONS OR RESTRICTIONS OF RECORD, IF ANY.

WHEREAS, the Planning and Zoning Commission has reviewed the request at a duly called a Public Hearing on and recommends approval, and;

WHEREAS, the City Council considered the Planning and Zoning Commission recommendation at their October 15, 2019 meeting, and;

NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE CITY COUNCIL OF THE CITY OF BAXTER, MINNESOTA, that it should and hereby does approve the request to approve PUD Amendment, based on the finding that the standards in Title 10 of the Baxter Zoning Ordinance are met. Specifically:

- 1. With the conditions in this resolution, the PUD is consistent with the City's Comprehensive Plan;
- 2. With the conditions in this resolution, the PUD is consistent with the zoning ordinance requirements; and
- 3. The PUD does not violate any local, state or federally adopted law, ordinance, regulation, plan or policy.

FURTHER BE IT RESOLVED that the following conditions of approval shall be met:

- The approval of the PUD general and final plan amendment and the development standards of the PUD are as indicated on the application and plans received by the city on September 24, 2024, and revised plans received on October 24, 2024, except as amended by this resolution.
- 2. The allowable uses for the PUD are any permitted or accessory uses allowed in the C-2, zoning district, except that a drive through use for a pharmacy shall be considered a permitted use. The pharmacy drive through use shall be considered "permitted" in the PUD, provided they comply with all the development standards and conditions approved in the PUD by City Council.
- 3. Development standards of the PUD shall be subject to zoning ordinance standards and the standards specifically listed in the C-2, District, except as specifically amended.

- 4. The approval of the PUD is based on the final plat signed by the City on August 16, 2016, and signed by Crow Wing County on April 5, 2017.
- 5. A building permit is required prior to beginning any new construction.
- 6. **Prior to issuance of a building permits**, the applicant shall:
 - a. All sidewalks shall be constructed to ADA requirements, unless otherwise approved by the City.
 - b. Submit a revised landscape plan to document that approved deciduous trees shall be planted in parking lot islands unless the island is otherwise occupied by sidewalk connectivity for the development.
 - c. Submit a revised landscape plan showing compliance with the city landscape requirement for items such as tree species, tree sizes and shrub sizes.
 - d. Submit a revised landscape plan to ensure a planting plan that discourages cars from driving across the dead-end parking area to the north/south drive aisle on the east side of the subject site.
 - e. One-way directional signage shall be reviewed and approved by city staff.
 - f. All trash and recycling areas shall be housed in an opaque enclosure that is consistent with the primary color and materials of the building. The enclosures shall be reviewed and approved by staff.
 - g. All exterior ground and rooftop mechanical equipment shall be reviewed and approved by city staff in compliance with screening requirements of Title 10-4-8 of the Zoning Ordinance.
 - h. Any visible backs of parapets shall be the primary color of the building, as required in the zoning ordinance.
 - i. Provide compliance with zoning review items related to the development plan.
 - j. Revise plans to identify a bike rack or bike racks in the storefront areas.
 - k. A lighting plan shall be submitted for review and approval by staff based on the City's lighting requirements. Specifically, any existing non-conforming lighting shall be brought into conformance with the zoning ordinance or removed from the site.
 - I. Final Architectural plans shall be reviewed and approved by city staff based on compliance with the City's Architectural Ordinance requirements.
 - m. A signed escrow agreement for relocating hydrants is required.
- 7. The three properties within this PUD shall maintain the private roadways/drive aisles in the development at an average pacer level from the City's bituminous maintenance program.
- 8. The property owner of Lot 1, Block 1, Third Addition To Baxter Wal-Mart Subdivision shall construct the proof of parking as identified the proof of parking plan if there is a documented parking problem on the site. The proof of parking shall comply with the zoning ordinance requirements including, but not limited to stall and drive aisle dimensions, landscaped parking lot island with overstory tree requirements, storm water requirement, etc.
- All signage shall require separate permits and shall be in conformance with the City's sign ordinance, except that two free standing signs are allowed with the PUD for the subject property.

- 10. The PUD authorizes the existing freestanding sign in the southeast corner of the PUD to be modified as requested with the PUD sign plan submitted with this application. This existing southeast sign is authorized for the Lot 1, Block1, Third Addition To Baxter Wal-Mart Subdivision.
- 11. The PUD authorizes the existing freestanding sign in the northeast corner of the PUD not to exceed 200 square feet. This existing northeast sign is authorized for Lots 2 and 3, Block 1, Third Addition to Baxter Wal-Mart Subdivision.
- 12. PUD flexibility is granted to the 10-stall parking lot island spacing requirement, as identified on the approved plans for this PUD.
- 13. PUD flexibility is granted to the drive through escape lane requirement for the pharmacy drive through. The applicant shall monitor wait times with the pharmacy to ensure that customers in the stacking lanes are not stuck if they decide not to wait in line. The owner shall consider dive up parking spaces if the lack of an escape lane becomes a documented problem.
- 14. Approval of the PUD Amendment plan is contingent on review and approval by MNDOT.
- 15. Joint access and parking are approved with this PUD subject to the development plans and subject to private easement/covenant documents. Any amendments to private easement/covenant documents shall be reviewed and approved by the City attorney prior to issuance of a building permit.
- 16. The PUD General and Final Plan application is hereby approved with this PUD Amendment.
- 17. The PUD approval shall expire one year from of the date of this approval unless the applicant has recorded the plat or commenced construction or has requested an extension in writing.

Whereupon, said Resolution is hereby declared adopted on this 19th day of November, 2024.

	Darrel Olson, Mayor	
ATTEST:		
Kelly Steele, City Clerk		City Seal

Item 3.



Baxter



416.67

Legend

Parcels

Municipal Boundaries 644424E292512N.sid

Red: Band_1

Green: Band_2

Blue: Band_3

633864E99792N.sid

Red: Band_1

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Red: Band_1

Green: Band_2

Blue: Band_3

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Red: Band_1

Green: Band_2

Blue: Band_3

Notes

Crow Wing - county coordinates - english City of Baxter

833.3

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION

30



Baxter City Council Acceptance Date:



Contents

1	Intro	oduction	1
2	Exis	ting Conditions	4
	2.1	Vehicle Volumes	
2	п	Conditions	7
3		ure Conditions	
	3.1	Background Traffic Growth	
	3.2	Future TH 371 Access	
	3.3	Trip Generation and Distribution	8
4	Traf	fic Operations Analysis	15
	4.1	2024 Existing Conditions	
	4.2	2030 No Build (Design Road Access Open) Conditions	17
	4.3	2030 No Build (Design Road Access Closed) Conditions	19
	4.4	2030 Build (Design Road Access Open) Conditions	20
	4.5	2030 Build (Design Road Access Closed) Conditions	22
5	Site	Traffic Review	24
6	Con	clusion	26
	6.1	Recommendation	28
I design	 .		
		ables	
		ackground Traffic Growth	
		ite Trip Generation	
		evel of Service Thresholds	
		024 Existing Traffic Operations	
		030 No Build (Design Rd Open) Conditions	
	Table 6 – 2030 No Build (Design Rd Closed) Conditions		
		030 Build (Design Rd Open) Conditions	
Tabl	e 8 – 2	030 Build (Design Rd Closed) Conditions	23

Contents (continued)

List of Figures

Figure 1 – Project Location	3
Figure 2 – 15-Minute Entering Traffic Volumes	5
Figure 3 – 2024 Existing Volumes	6
Figure 4 – Medical Clinic Site Plan	9
Figure 5 – 2030 No Build Volumes (Design Rd Open)	11
Figure 6 – 2030 No Build Volumes (Design Rd Closed)	12
Figure 7 – 2030 Build Volumes (Design Rd Open)	13
Figure 8 – 2030 Build Volumes (Design Rd Closed)	14
Figure 9 – Medical Clinic Site Plan Improvements	25

List of Appendices

Appendix A	Vehicle Turning Movement Counts
Appendix B	Traffic Operations Analysis Results

Camping World Site Redevelopment Traffic Impact Study

Prepared for the City of Baxter

1 Introduction

This traffic impact study report provides the findings related to the analysis of the proposed redevelopment of the former Camping World site within the commercial area in the northwest quadrant of the intersection of Trunk Highway (TH) 371 and Excelsior Road in Baxter, MN. The former Camping World site, which was previously both a Walmart and a Gander Mountain, is currently vacant and generating no traffic demands. There is a proposal to redevelop the site by remodeling the existing building and reconfiguring the parking area.

The proposed redevelopment will remodel approximately 67,980 square feet (SF) of the existing 110,460 SF building into a medical clinic with urgent care and a drive-through pharmacy. The remaining 42,480 SF of vacant space within the building will eventually be used for future growth and expansion of the medical clinic. As part of the redevelopment, the existing parking area on the site will be reconfigured to improve wayfinding, enhance vehicular and pedestrian safety, accommodate the proposed drive-through pharmacy, and improve the existing landscaping.

The primary focus of this traffic impact study is to determine the impact of the proposed 67,980 SF medical clinic on the surrounding roadway network, including Design Road, Edgewood Drive, TH 371, Excelsior Road, and Clearwater Road. While the proposed redevelopment will connect only to private access roadways within the existing commercial area, it will create no new public roadway accesses; the existing site access locations were also reviewed as part of this study.

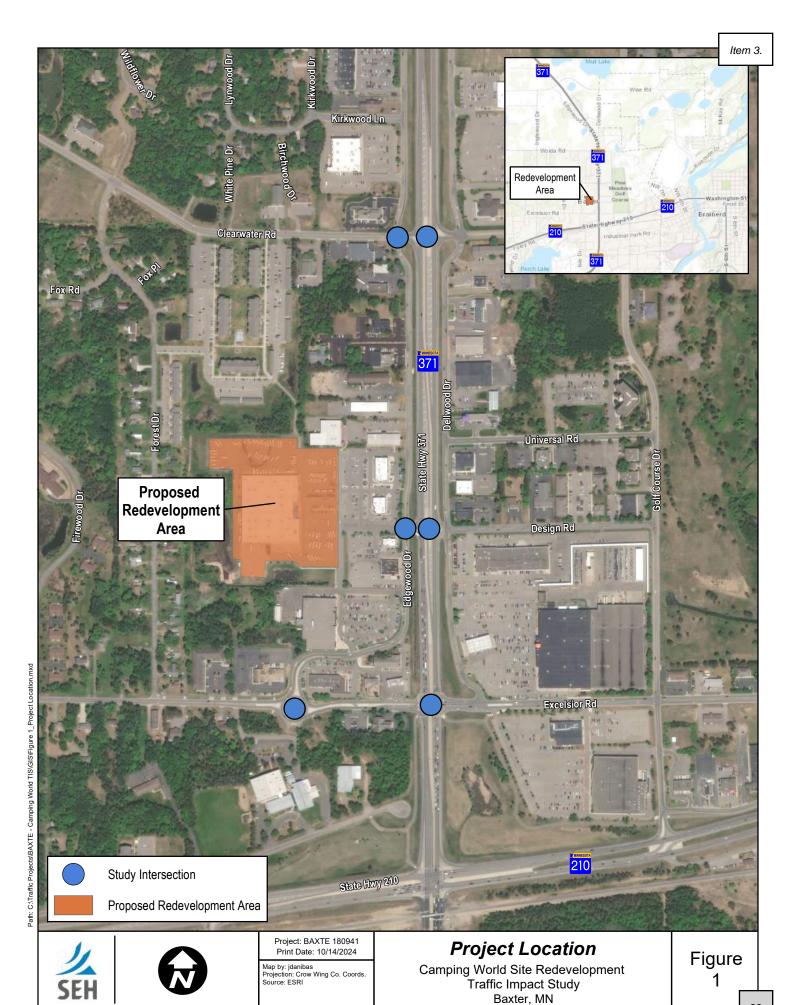
The ongoing MnDOT TH 371 Nisswa to Baxter Corridor Study and TH 210/TH 371 Interchange Study will have implications on traffic operations within the study area. As part of the MnDOT TH 371 Nisswa to Baxter Corridor Study, MnDOT is expected to potentially recommend future closure of the TH 371 and Design Road intersection, which will have significant impacts on traffic patterns in the area as well as impact how vehicles access the proposed medical clinic redevelopment. As part of the TH 210/TH 371 Interchange Project, MnDOT is considering many alternatives for the TH 371 and Excelsior Road intersection, including several grade-separated alternatives; the project is still screening potential alternatives and currently has no recommended alternative design.

Traffic operations analyses were completed for the existing 2024 conditions as well as future 2030 No Build and Build conditions as part of this project. The 2030 conditions represent 5 years after the opening of the proposed medical clinic and is used to determine the impacts directly related the proposed medical clinic. The 2030 scenarios were analyzed with and without the TH 371 and Design Road intersection to account for the traffic impacts of closing the intersection, with and without the proposed medical clinic. The following intersections were included in the

analysis to ensure adequate traffic operations with increased traffic demands from the proposed medical clinic:

- TH 371 and Excelsior Road traffic signal.
- **TH 371 and Design Road –** ¾ access; Design Road through and left turn movements are prohibited.
- TH 371 and Clearwater Road ¾ access; Clearwater Road through and left turn movements are prohibited.
- Edgewood Drive and Excelsior Road single-lane roundabout.
- Edgewood Drive and Design Road 3-way stop; westbound traffic coming from TH 371 does not stop.
- Edgewood Drive and Clearwater Road 3-way stop; westbound traffic coming from TH 371 does not stop.

Figure 1 shows the project area, including the proposed medical clinic redevelopment site, and the study intersections.



36

2 | Existing Conditions

TH 371 is a north-south principal arterial roadway, which extends from US Highway 10 in Little Falls, MN to US Highway 2 in Cass Lake, MN. TH 371 serves as a major interregional corridor in this portion of the State and serves as the primary north-south connection for trips within the City of Baxter. TH 371 provides access to TH 210, which is the major east-west corridor in the region, as well as a significant amount of commercial development in the area. In the study area, TH 371 is a 4-lane divided roadway with dedicated left and right turn lanes at each intersection. The speed limit on TH 371 through the study area is 50 mph; just north of Clearwater Road, the speed limit is 60 mph.

Edgewood Drive is a north-south local roadway which extends from Excelsior Road to Pine Beach Road (CSAH 77) and acts as a frontage road and parallel reliver roadway on the west side of TH 371. Edgewood Drive primarily provides access to the commercial developments on the west side of TH 371 as well as providing a route between the east-west roadways that connect to TH 371 including Excelsior Road, Design Road, Clearwater Road, Woida Road, Novotny Road, Lake Forest Road, and Pine Beach Road, some of which have limited access at TH 371. Edgewood Drive is a two-lane roadway with turn lanes at the Clearwater Road, Woida Road, and Pine Beach Road intersections. The posted speed limit on Edgewood Drive is 30 mph.

Excelsior Road is an east-west roadway which extends from Cherrywood Drive to Baxter Drive, where it enters the City of Brainerd and becomes Jackson Street. Excelsior Road is functionally classified as a major collector west of Edgewood Drive and a minor arterial east of Edgewood Drive and serves as a parallel reliever roadway to TH 210 through the City of Baxter. North of TH 210, Excelsior Road is one of three locations within the City of Baxter where vehicles can cross TH 371. East of Edgewood Drive, Excelsior Road provides access to primarily commercial land uses and is a two-lane roadway with turn lanes at major intersections and accesses. West of Edgewood Drive, Excelsior Road is a two-lane roadway with no turn lanes and acts as a backage access from TH 210 and Inglewood Drive for vehicles approaching the commercial area from the west as well as providing access to primarily residential land uses. The posted speed limit on Excelsior Road is 30 mph.

Design Road is an east-west roadway which extends from Edgewood Drive to Golf Course Drive providing access to the commercial land uses on both sides of TH 371. At TH 371, Design Road is a ¾ access intersection with Design Road through and left turn movements are prohibited. There is currently no posted speed limit on Design Road so a statutory speed limit of 30 mph was assumed.

Clearwater Road is an east-west roadway which extends from Whipple Lake Recreational Area on the west to Cypress Drive on the east. Clearwater Road is functionally classified as a minor collector between Inglewood Drive and TH 371 in the project area. Clearwater Road provides access to commercial development on both sides of TH 371 as well as residential development west of TH 371. At TH 371, Clearwater Road is a ¾ access intersection with Clearwater Road through and left turn movements are prohibited. The posted speed limit on Clearwater Road in the project area is 30 mph.

2.1 Vehicle Volumes

13-hour (6 AM to 7 PM) turning movement counts were collected at the three study intersections along Edgewood Drive as part of this study in September 2024. Additionally, 13-hour (6 AM to

7PM) turning movement counts were collected in June and July 2023 as part of MnDOT's ongoing TH 371 Nisswa to Baxter Corridor Study, which were utilized for this study. The 2023 and 2024 traffic counts at adjacent intersections generally were similar, and volumes were balanced to create a cohesive set of 2024 existing traffic volumes. Based on the existing volumes, the AM peak hour is 7:30 to 8:30 AM and the PM peak hour is 4:00 to 5:00 PM.

As with many commercial areas, the vehicle volumes are relatively low during the AM peak period (7 to 9 AM) and gradually increases throughout the day until reaching a peak around 12 PM, with commercial area traffic volumes remaining relatively similar from 11 AM to 7 PM. Similarly, traffic volumes along TH 371 increase throughout the day before peaking during the PM peak period. As a result, the PM peak hour volumes are approximately 40 to 50% higher than the AM peak hour. **Figure 2** shows the 15-minute volumes entering the study area on northbound TH 371, southbound TH 371, and from the minor streets/commercial area throughout the 13-hour count period.

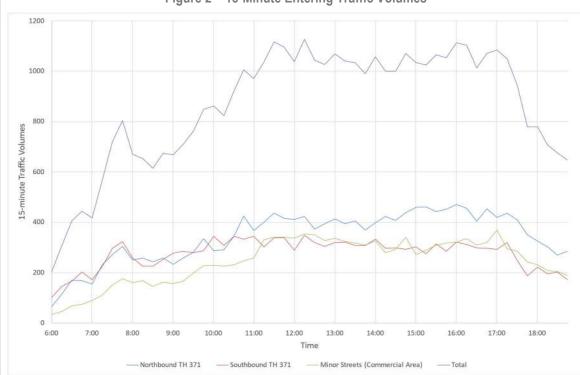
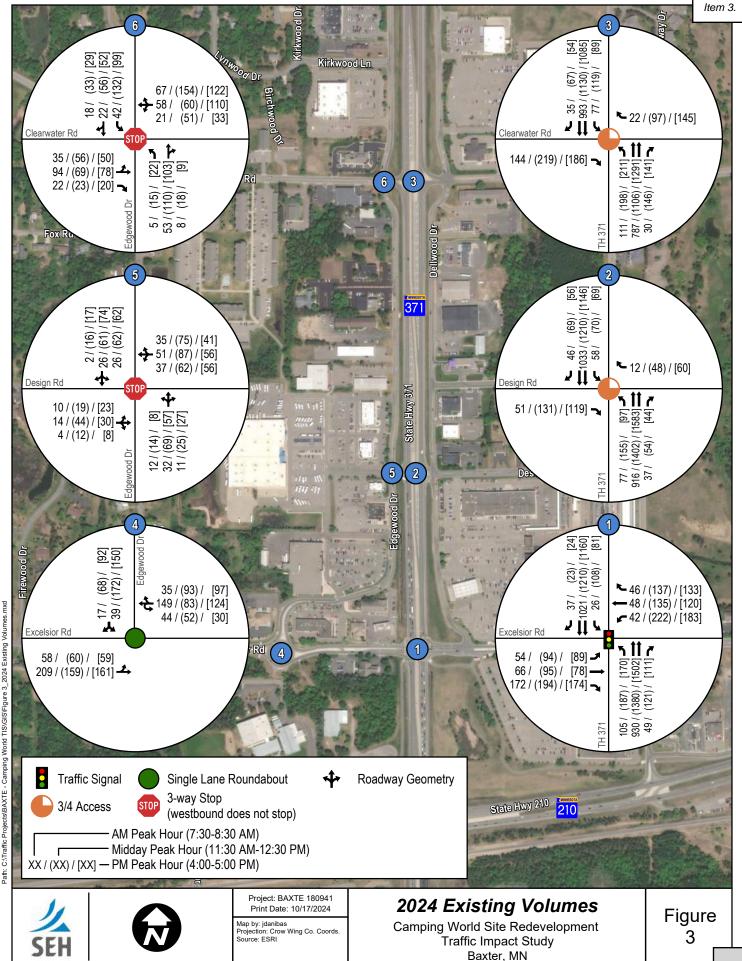


Figure 2 – 15-Minute Entering Traffic Volumes

In addition to the traditional AM and PM peak hours, there is also a midday peak hour (11:30 AM to 12:30 PM), which has the higher traffic volumes in and out of the commercial area than the PM peak hour. Overall, the midday peak hour volumes at the study intersections are less than 5% lower than the PM peak hour volumes. Therefore, the midday peak hour was also analyzed as part of this study.

Figure 3 shows the 2024 existing traffic volumes for the AM, midday, and PM peak hour as well as the existing roadway geometry and traffic control at each study intersection. More detailed count information is in **Appendix A**.



39

3 | Future Conditions

As part of the traffic impact analysis for the proposed medical clinic, 2030 No Build and Build traffic volumes were estimated. The 2030 conditions represent 5 years after opening of the medical clinic and are used to determine the impacts directly related the proposed medical clinic.

3.1 | Background Traffic Growth

To forecast background traffic growth along the project roadways, traffic forecasts developed for MnDOT's TH 371 Nisswa to Baxter Corridor Study were used. The TH 371 Nisswa to Baxter Corridor Study used historical traffic growth patterns and recommendations from previous studies in the area to estimate traffic growth. **Table 1** shows the background growth rates used for each study roadway based on the forecasts from the TH 371 Nisswa to Baxter Corridor Study. It should be noted that the MnDOT study forecasted no growth in traffic volumes on Excelsior Road; however, a background growth rate of 0.5% was used for this study assuming minimal growth. Design Road forecasts were not provided in the MnDOT study, therefore, a minimal background growth rate of 0.5% was used.

Roadway	Description	2023 Traffic Count	2030 Forecast	Annual Growth Rate ¹
TH 371	North of TH 371	40,800	43,700	1.0%
Excelsior Rd	West of TH 371	8,000	8,300	0.5%2
Exceisior Ru	East of TH 371	8,200	8,500	0.5%2
Decign Dd	West of TH 371	3,800	3,900	0.5%3
Design Rd	East of TH 371	2,400	2,500	0.5% ³
Cleanwater Dd	West of TH 371	5,500	5,700	0.5%
Clearwater Rd	East of TH 371	4,000	4,400	1.5%

Table 1 – Background Traffic Growth

3.2 Future TH 371 Access

As was discussed previously, the ongoing MnDOT TH 371 Nisswa to Baxter Corridor Study and TH 210/TH 371 Interchange Study will have implications on traffic operations within the study area. As part of the MnDOT TH 371 Nisswa to Baxter Corridor Study, MnDOT is expected to potentially recommend future closure of the TH 371 and Design Road intersection, which will have significant impacts on traffic patterns in the area as well as impact how vehicles will access the proposed medical clinic redevelopment. To analyze the impacts of this potential closure, both the No Build and Build scenarios were analyzed with the Design Road access to TH 371 open and closed.

The No Build scenario with Design Road closed analyzes the impacts to the area if the access is closed regardless of whether the former Camping World Site is redeveloped to the proposed medical clinic or not. The Build scenario with Design Road closed analyzes the roadway

¹ Forecasts from the TH 371 Nisswa to Baxter Corridor Study

² The TH 371 Nisswa to Baxter Corridor Study used 0% growth for Excelsior Rd; a minimal 0.5% growth rate was used for this study

³ The TH 371 Nisswa to Baxter Corridor Study did not provide forecasts for Design Rd; a minimal 0.5% growth rate was used for this study

network's capacity to provide acceptable traffic operations if the Design Road access is closed in the future.

Figure 5 shows the 2030 No Build volumes with the Design Road access open during the AM, midday, and PM peak hours, which includes background growth only. **Figure 6** shows the 2030 No Build volumes with the Design Road access closed during the AM, midday, and PM peak hours, which includes background growth and rerouting of trips due to the access closure.

As part of the TH 210/TH 371 Interchange Project, MnDOT is considering many alternatives for the TH 371 and Excelsior Road intersection, including several grade-separated alternatives. Any changes to the TH 371 and Excelsior Road intersection would have significant impacts to traffic patterns throughout the area, which extend well beyond the immediate project area for this traffic impact study. With the future design of the TH 371 and Excelsior Road intersection unknown at this time, the intersection was only analyzed under its current signal control and roadway geometry.

The future design of the TH 371 and Excelsior Road area should maintain reasonable access to the commercial areas and accommodate the proposed medical clinic traffic as well as other growth and redevelopment in the area without putting undue burden on the City roadway network. Creating an overpass at Excelsior Road without providing some sort of reasonable access alternatives would not work for the City with the significant commercial development on both sides of TH 371. It would push all northbound left turning traffic to Woida Road, which the MnDOT TH 371 Nisswa to Baxter Corridor Study is showing needs improvements under current access conditions. There would need to be some way to access the Excelsior Road/Design Road area through either ramps or some other form of access. As the TH 210/TH 371 Interchange Project continues, the City should review how each concept would impact traffic patterns for the Excelsior Road/Design Road area.

3.3 Trip Generation and Distribution

The proposed redevelopment of the former Camping World site will remodel approximately 67,980 square feet (SF) of the existing 110,460 SF building into a medical clinic with urgent care and a drive-through pharmacy. The remaining 42,480 SF of vacant space within the building will eventually be used for future growth and expansion of the medical clinic. As part of the redevelopment, the existing parking area on the site will be reconfigured to improve wayfinding, enhance vehicular and pedestrian safety, accommodate the proposed drive-through pharmacy, and improve the existing landscaping. **Figure 4** shows the most recent proposed site plan for the medical clinic, which will connect to private access roadways within the existing commercial development and will not create any new public roadway accesses.

This study will only analyze the impacts of the proposed 67,980 SF medical clinic, without the future 42,480 SF expansion. The future expansion was not included as the timeline for future expansion and the use for that portion of the clinic is not known at this time. Trip generation estimates for the full 110,460 SF medical clinic are provided, which can be used for long-term planning in the area, including in the two ongoing MnDOT studies. As was mentioned previously, the ongoing TH 371/TH 210 Interchange Study is expected to make changes to the intersection of TH 371 and Excelsior Road, which will significantly impact traffic patterns in the study area. The future design of the TH 371 and Excelsior Road should consider the long-term traffic demands in the area, including the future expanded medical clinic.

The Institute of Transportation Engineers' (ITE) Trip Generation Manual, 11th edition was used to estimate the total number of trips generated by the proposed medical clinic during the AM, midday, and PM peak hours as well as the daily trips. ITE Land Use Code 630 – Clinic was used for the trip generation estimates. The ITE Trip Generation Manual does not have a land use specific to urgent care facilities, therefore, the clinic trip generation rates were also applied to the urgent care portion of the proposed medical clinic. The clinic land use in the ITE Trip Generation Manual includes facilities such as labs and pharmacies, therefore, no additional trips were estimated for the proposed drive-through pharmacy. Trips for the midday peak hour were estimated based the ITE's daily trip distribution information for medical clinics, which results in the midday peak hour having approximately 10% less trips than the PM peak hour.

Table 2 summarizes the AM peak hour, midday peak hour, PM peak hour, and daily trip generation estimates for the proposed medical clinic.

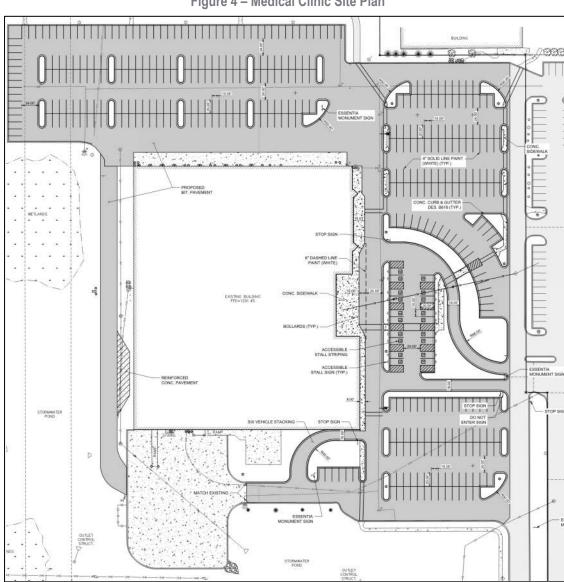


Figure 4 – Medical Clinic Site Plan

Table 2 – Site Trip Generation

Land Use	Size	Daily	AM	Peak H	lour	Midda	y Peak	Hour	PM	Peak H	lour
Land USE	Size	Trips	Enter	Exit	Total	Enter	Exit	Total	Enter	Exit	Total
Medical Clinic	67,980 SF	2,560	151	36	187	63	163	226	75	176	251
Future Expansion**	42,280 SF	1,590	95	22	117	39	102	141	47	110	157
Total	110,460 SF	4,150	246	58	304	102	265	367	122	286	408

^{**}Assumes additional Medical Clinic land use.

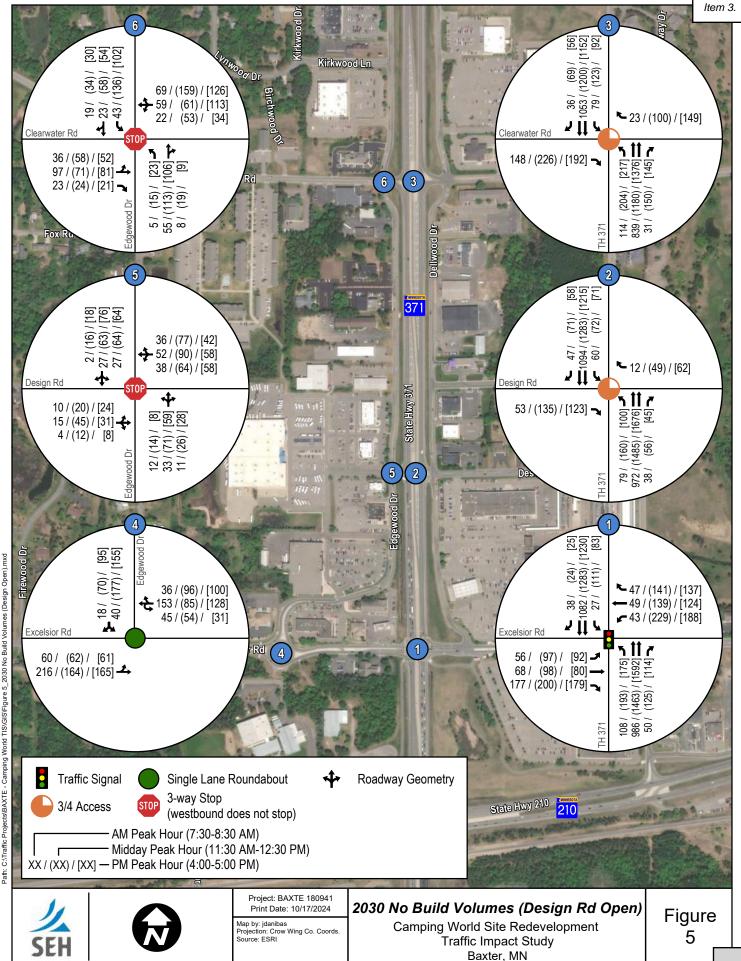
Trips from the proposed medical clinic were distributed to the roadway network based on the existing traffic volumes, traffic patterns, and potential origins/destinations for trips both regionally and within the Baxter/Brainerd Area. Trips were distributed to the network based on the following distribution:

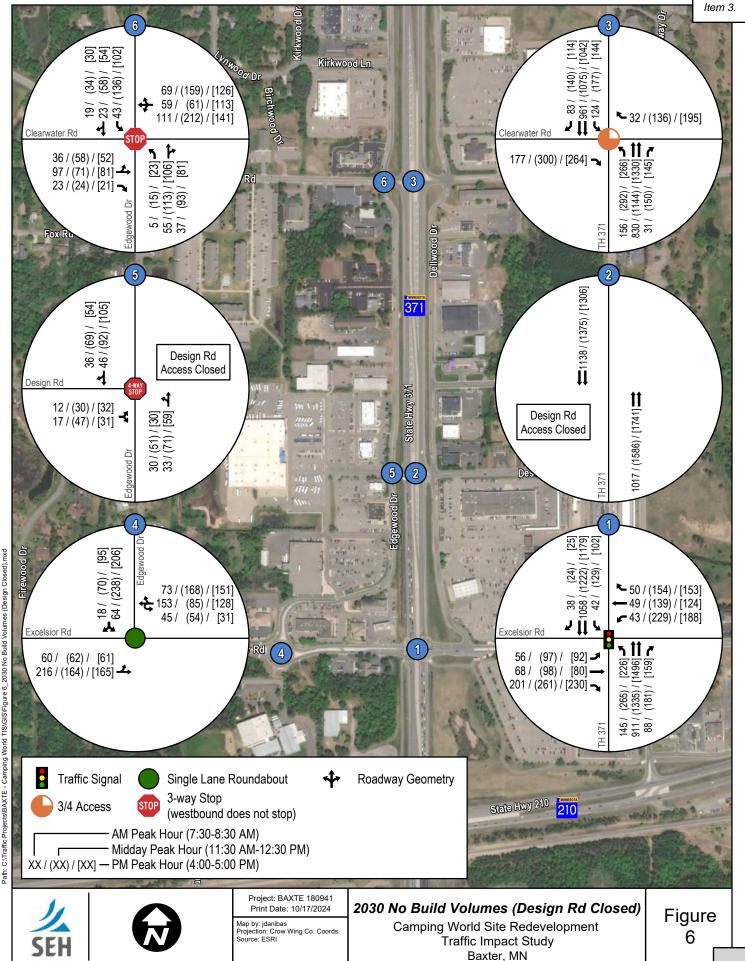
- 40% to/from the south on TH 371
- 25% to/from the north on TH 371
- 10% to/from the west on Excelsior Road
- 5% to/from the west on Clearwater Road
- 5% to/from the north on Edgewood Drive
- 15% to/from the east on Excelsior Road

Under the scenarios where the Design Road access to TH 371 remains open, a majority of the trips to/from TH 371 are expected to use the intersection of TH 371 and Design Road to enter and exit the site. For vehicles exiting the site to the north on TH 371, vehicles would be expected to use the traffic signals at either Excelsior Road or Woida Road, both of which can be accessed using Edgewood Drive.

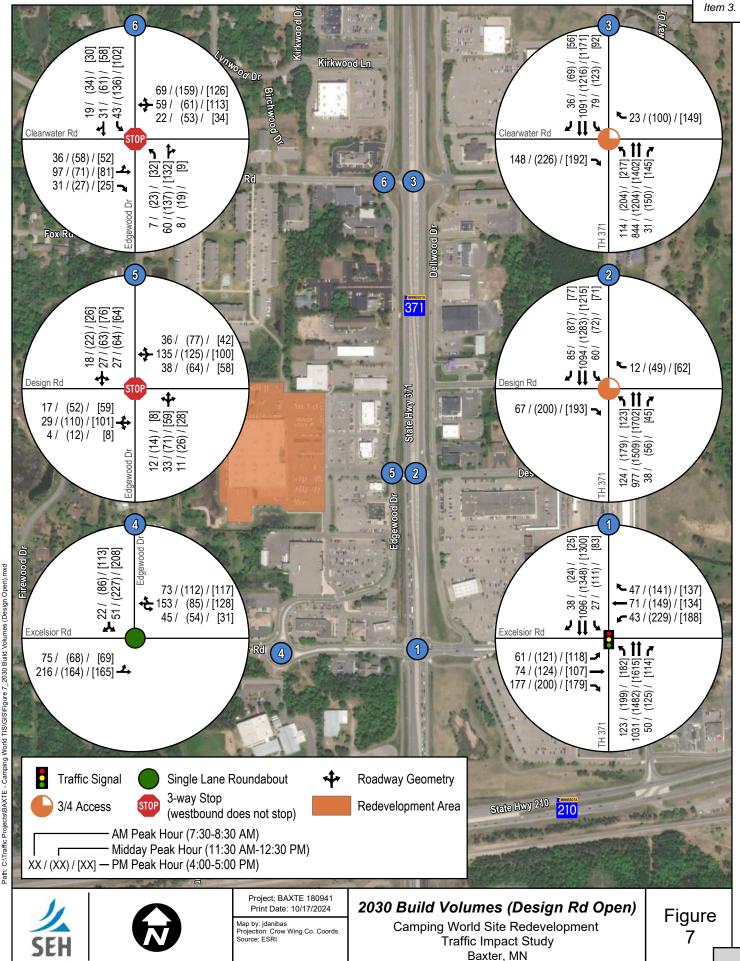
Under the scenarios where the Design Road access to TH 371 is closed, trips to/from the proposed medical clinic using TH 371 would need to use either Excelsior Road or Clearwater Road to enter and exit the site, both of which connect to the site via Edgewood Drive.

Figure 7 shows the 2030 Build volumes with the Design Road access open during the AM, midday, and PM peak hours, which includes background growth and the trips from the proposed 67,980 SF medical clinic. **Figure 8** shows the 2030 Build volumes with the Design Road access closed during the AM, midday, and PM peak hours, which includes background growth, the trips from the proposed 67,980 SF medical clinic, and rerouting of trips due to the access closure.

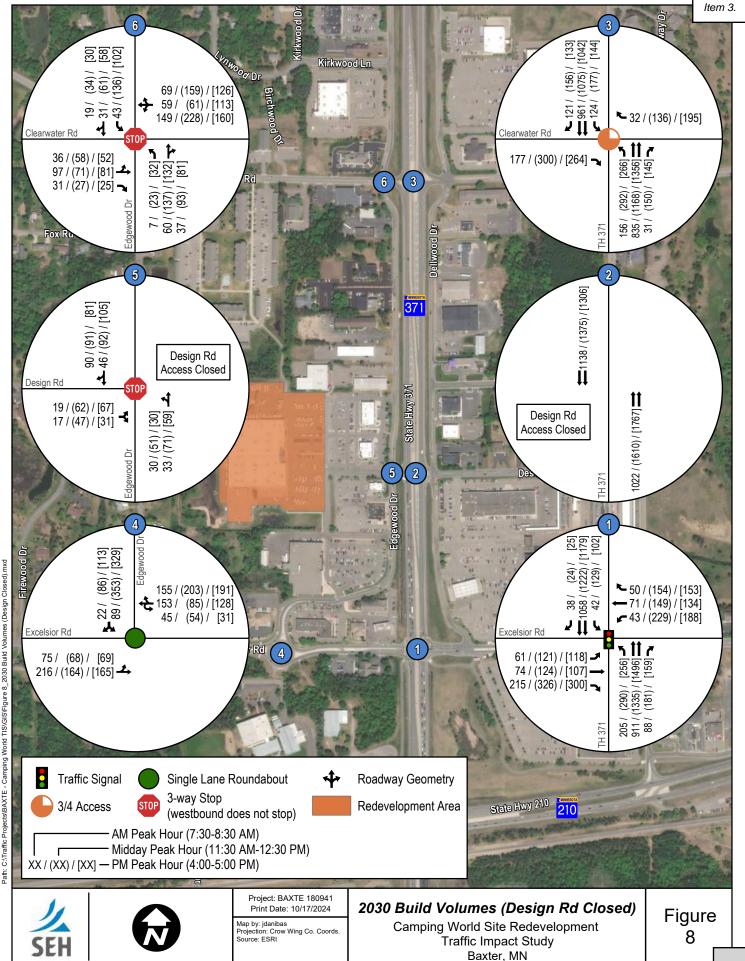




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46



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4 Traffic Operations Analysis

Traffic operations analyses were conducted to determine the level of service (LOS), delay, and queueing information for the AM, midday, and PM peak hour conditions.

LOS is a qualitative rating system used to describe the efficiency of traffic operations at an intersection. Six LOS are defined, designated by letters A through F. LOS A represents the best operating conditions (no congestion), and LOS F represents the worst operating conditions (severe congestion). For the study intersections, it was assumed that a LOS D or better, for all approaches and the overall intersection, represent acceptable operating conditions. Some approaches may operate at LOS E and some movements may operate at LOS F at the TH 371 traffic signals due to the long cycle length MnDOT uses to serve the regional traffic demands that use TH 371.

LOS for intersections is determined by the average control delay per vehicle. The range of control delay for each LOS is different for signalized and unsignalized intersections. The expectation is that a signalized intersection is designed to carry higher traffic volumes and will experience greater delays than an unsignalized intersection. Driver tolerance for delay is greater at a signal than at a stop sign; therefore, the LOS thresholds for each LOS category are lower for unsignalized intersections than for signalized intersections. **Table 3** shows the LOS thresholds for signalized and unsignalized intersections.

	Average Vehic	le Delay (sec/veh)
Level of Service	Signalized Intersection	Unsignalized (Stop or Roundabout) Intersection
Α	0 to 10	0 to 10
В	> 10 and ≤ 20	> 10 and ≤ 15
С	> 20 and ≤ 35	> 15 and ≤ 25
D	> 35 and ≤ 55	> 25 and ≤ 35
Е	> 55 and ≤ 80	> 35 and ≤ 50
F	> 80	> 50

Table 3 - Level of Service Thresholds

All traffic operations analyses were performed using the Synchro/SimTraffic (Version 11) software package. The results reported in this analysis are an average of 10 simulation runs in SimTraffic 11. All relevant traffic operations result tables can be found in **Appendix B**.

The following scenarios were analyzed as part of this study:

- 2024 Existing Conditions
 - Existing volumes, intersection geometry, and traffic control
- 2030 No Build Conditions (Design Road Access Open)
 - 2030 No Build (Design Road Open) traffic volumes; background traffic growth only (Figure 5).
 - Existing intersection control and roadway geometry

• 2030 No Build Conditions (Design Road Access Closed)

- 2030 No Build (Design Road Closed) traffic volumes; background traffic growth and rerouting of trips due to the access closure (Figure 6).
- Other than the intersection of TH 371 and Design Road, existing intersection control and roadway geometry

2030 Build Conditions (Design Road Access Open)

- 2030 Build (Design Road Open) traffic volumes; background traffic growth and medical clinic trips (Figure 7).
- Existing intersection control and roadway geometry

• 2030 Build Conditions (Design Road Access Closed)

- 2030 Build (Design Road Closed) traffic volumes; background traffic growth, medical clinic trips, and rerouting of trips due to the access closure (Figure 8).
- Other than the intersection of TH 371 and Design Road, existing intersection control and roadway geometry

4.1 | 2024 Existing Conditions

Under 2024 existing conditions, the six study intersections operate acceptably at LOS C or better with each approach operating at LOS E of better during the AM, midday, and PM peak hours. Each of the approaches and intersections along Edgewood Drive operate at LOS A with minimal delay and queueing.

Some of the minor street left turn and through movements, as well as the left turns from TH 371, operate at LOS E or F due to the longer cycle length at the signalized TH 371 and Excelsior Road intersection; particularly during the midday and PM peak hours, when the cycle length is 150 seconds. During the midday and PM peak hours, some of the maximum turn lane queues exceed the available storage, particularly eastbound and westbound. However, the queues tend to clear each signal cycle and do not create significant queuing or delay issues.

Due to the close spacing of Edgewood Drive and TH 371 (50 to 80 feet), eastbound queues from TH 371 can reach Edgewood Drive at the Design Road and Clearwater Road intersections. These queues have a minor impact on the operations of the Edgewood Drive intersections.

Table 4 shows a summary of the 2024 existing traffic operations at the study intersections during the AM, midday, and PM peak hours.

Table 4 – 2024 Existing Traffic Operations

	Approach	AM Pea	ık Hour	Midday P	eak Hour	PM Pea	ık Hour
Intersection	ppropries	Approach	Intersection	Approach	Intersection	Approach	Intersection
	٧	(delay / LOS)					
	NB	16.7 / B		28.0 / C		26.9 / C	
TH 371 at	SB	10.5 / B	16.0 / B	27.8 / C	33.3 / C	22.8 / C	30.1 / C
Excelsior Rd (Traffic Signal)	EB	27.5 / C	10.07 Б	48.3 / D	33.370	43.8 / D	30.17 C
(Traine digital)	WB	31.3 / C		55.6 / E		52.9 / D	
	EB	4.3 / A		7.7 / A		6.8 / A	
TH 371 at	WB	1.4 / A	2.9 / A	2.5 / A	5.8 / A	2.7 / A	5.5 / A
Design Rd (3/4 Access)	NB	7.6 / A	2.9 / A	12.4 / B	3.0 / A	10.4 / B	5.5 / A
(0/47100033)	SB	5.7 / A		13.7 / B		19.9 / C	
	EB	1.8 / A		4.4 / A		4.3 / A	
TH 371 at	WB	2.4 / A	2.6 / A	3.7 / A	4.8 / A	3.7 / A	5.0 / A
Clearwater Rd (3/4 Access)	NB	8.9 / A	2.0 / A	12.4 / B	4.0 / A	11.5 / B	5.0 / A
(6/17/66666)	SB	4.4 / A		9.5 / A		15.8 / C	
	EB	0.0 / A		0.0 / A		0.0 / A	
Edgewood Dr at	WB	2.6 / A	3.6 / A	3.1 / A	3.5 / A	3.1 / A	3.6 / A
Excelsior Rd (Roundabout)	NB	3.8 / A	3.0 / A	4.2 / A	3.5 / A	4.1 / A	3.0 / A
(Noundabout)	SB	3.6 / A		3.4 / A		3.7 / A	
Edgewood Dr at	EB	5.5 / A		6.7 / A		6.0 / A	
Design Rd	WB	5.5 / A	3.2 / A	9.2 / A	5.3 / A	7.5 / A	4.9 / A
(3-way stop; WB	NB	5.4 / A	3.2 / A	9.4 / A	5.3 / A	6.6 / A	4.9 / A
does not stop)	SB	0.7 / A		0.9 / A		0.7 / A	
Edgewood Dr at	EB	6.1 / A		8.9 / A		8.6 / A	
Clearwater Rd	WB	5.1 / A	4.2 / A	8.5 / A	62/1	7.4 / A	5.6 / A
(3-way Stop; WB	NB	6.5 / A	4.2 / A	9.8 / A	6.3 / A	8.4 / A	5.6 / A
does not stop)	SB	0.7 / A		1.1 / A		1.2 / A	

4.2 | 2030 No Build (Design Road Access Open) Conditions

Under 2030 No Build conditions with the Design Road access to TH 371 open, the six study intersections are expected to continue to operate acceptably at LOS D or better with each approach operating at LOS E of better during the AM, midday, and PM peak hours. Each of the intersections along Edgewood Drive operate at LOS A and each approach operates at LOS B or better with minimal delay and queueing.

As in the existing conditions, some of the minor street left turn and through movements and the left turns from TH 371 operate at LOS E or F due to the longer cycle length at the signalized TH 371 and Excelsior Road intersection; particularly during the midday and PM peak hours, when the cycle length is 150 seconds. During the midday and PM peak hours, some of the maximum turn lane queues exceed the available storage, particularly eastbound and westbound. However, the queues tend to clear each signal cycle and do not create significant queuing or delay issues.

At the intersection of TH 371 and Design Road, the northbound left turns operate at LOS E during the midday peak hour and the southbound left turns operate at LOS E during the PM peak hour. The northbound and southbound left turn queues never exceed half of the available left turn storage.

As in the existing conditions, eastbound queues from TH 371 can reach Edgewood Drive at the Design Road and Clearwater Road intersections, due to the close spacing of Edgewood Drive and TH 371 (50 to 80 feet). These queues have a minor impact on the operations of the Edgewood Drive intersections.

Table 5 shows a summary of the 2030 No Build traffic operations at the study intersections during the AM, midday, and PM peak hours with the Design Road access to TH 371 open.

Table 5 – 2030 No Build (Design Rd Open) Conditions

Intersection	Approach	AM Pea	ık Hour	Midday P	eak Hour	PM Pea	ak Hour
IIILEISECTION	Appr	Approach	Intersection	Approach	Intersection	Approach	Intersection
	1	(delay / LOS)					
	NB	15.9 / B		33.2 / C		31.7 / C	
TH 371 at Excelsior Rd	SB	12.1 / B	16.4 / B	36.0 / D	38.5 / D	30.4 / C	34.2 / C
(Traffic Signal)	EB	27.8 / C	10.47 D	47.0 / D	30.37 D	42.6 / D	34.270
(**************************************	WB	33.0 / C		57.5 / E		49.7 / D	
	EB	4.7 / A		9.5 / A		8.1 / A	
TH 371 at Design Rd	WB	1.4 / A	3.1 / A	2.9 / A	7.0 / A	3.1 / A	6.5 / A
(3/4 Access)	NB	7.6 / A	3.17 A	13.4 / B	7.07A	12.1 / B	0.5 / A
(0/4/100033)	SB	7.7 / A		20.6 / C		24.6 / C	
	EB	1.9 / A		4.2 / A		4.6 / A	
TH 371 at	WB	2.6 / A	2.8 / A	4.2 / A	5.1 / A	3.9 / A	5.5 / A
Clearwater Rd (3/4 Access)	NB	10.1 / B	2.0 / A	13.8 / B	5.17 A	14.2 / B	5.5 / A
(6/17/6555)	SB	5.3 / A		12.3 / B		17.9 / C	
	EB	0.0 / A		0.0 / A		0.0 / A	
Edgewood Dr at Excelsior Rd	WB	2.7 / A	3.7 / A	3.0 / A	3.6 / A	3.1 / A	3.6 / A
(Roundabout)	NB	3.9 / A	3.1 / A	4.4 / A	3.0 / A	4.1 / A	3.0 / A
(rtouridabout)	SB	3.8 / A		3.3 / A		3.6 / A	
Edgewood Dr at	EB	5.4 / A		6.9 / A		6.2 / A	
Design Rd	WB	5.4 / A	3.3 / A	11.3 / B	6.3 / A	8.5 / A	5.5 / A
(3-way stop; WB	NB	5.8 / A	3.3 / A	11.8 / B	6.3 / A	8.3 / A	5.57 A
does not stop)	SB	0.8 / A		1.0 / A		0.8 / A	
Edgewood Dr at	EB	6.5 / A		9.7 / A		9.0 / A	
Clearwater Rd	WB	5.3 / A	4.6 / A	9.6 / A	7.0 / A	8.8 / A	6.3 / A
(3-way Stop; WB	NB	6.9 / A	4.0 / A	10.5 / B	7.07A	9.9 / A	0.3 / A
does not stop)	SB	0.7 / A		1.2 / A		1.2 / A	

4.3 | 2030 No Build (Design Road Access Closed) Conditions

With the Design Road access to TH 371 closed, vehicles using the Design Road access would need to reroute to use either the TH 371 and Excelsior Road or TH 371 and Clearwater Road intersections, resulting in increased traffic volumes on Excelsior Road and Clearwater Road between TH 371 and Edgewood Drive. At the intersection of Edgewood Drive and Design Road, the east leg of the intersection would be removed, and it would become a 3-legged, all-way stop controlled intersection.

Under 2030 No Build conditions the Design Road access to TH 371 closed, the six study intersections are expected to continue to operate acceptably at LOS D or better with each approach operating at LOS D or better during the AM, midday, and PM peak hours. Each of the intersections along Edgewood Drive operate at LOS B or better and all approaches operate at LOS C or better with minimal queueing.

As in the existing conditions, some of the minor street left turn and through movements and the left turns from TH 371 operate at LOS E or F due to the longer cycle length at the signalized TH 371 and Excelsior Road intersection; particularly during the midday and PM peak hours, when the cycle length is 150 seconds. During the midday and PM peak hours, some of the maximum turn lane queues exceed the available storage, particularly eastbound and westbound. However, the queues tend to clear each signal cycle and do not create significant queuing or delay issues.

At the intersection of TH 371 and Clearwater Road, the increased volume of northbound left turns operate at LOS D during the midday and PM peak hours; the northbound left turns operated at LOS C or better with the Design Road access open to TH 371. The northbound left turn queues never exceed half of the available left turn storage.

During the midday peak hour, the increased traffic volumes at the intersection of Edgewood Drive and Clearwater Road, primarily westbound left turns and northbound right turns, results in some of the stop-controlled movements operating at LOS D; all approaches still operate at LOS C or better. All movements operated at LOS C or better at the intersection of Edgewood Drive and Clearwater Road with the Design Road access to TH 371 open.

As in the existing conditions, eastbound queues from TH 371 can reach Edgewood Drive at the Clearwater Road intersection, due to the close spacing of Edgewood Drive and TH 371 (approximately 80 feet). These queues have an impact on the operations of the intersection of Edgewood Drive and Clearwater Road and contributes to some of the stop-controlled movements operating at LOS D during the midday peak hour.

Table 6 shows a summary of the 2030 No Build traffic operations at the study intersections during the AM, midday, and PM peak hours with the Design Road access to TH 371 closed.

AM Peak Hour Midday Peak Hour **PM Peak Hour** Approach Intersection **Approach** Intersection Intersection **Approach Approach** Intersection (delay / LOS) 18.6 / B 32.9 / C NB 33.1 / C TH 371 at SB 12.7 / B 36.7 / D 32.7 / C 17.7 / B 38.1 / D 35.4 / D Excelsior Rd 26.6 / C 40.5 / D EΒ 44.6 / D (Traffic Signal) WB 31.9 / C 48.7 / D 53.1 / D EΒ 2.6 / A 7.4 / A 5.8 / A TH 371 at **WB** 2.9 / A 4.8 / A 4.7 / A 3.2 / A 7.1 / A 6.7 / A Clearwater Rd NB 8.8 / A 13.4 / B 12.3 / B (3/4 Access) 5.2 / A SB 14.4 / B 20.9 / C EΒ 0.0 / A0.0 / A0.0 / AEdgewood Dr at WB 2.9 / A 3.2 / A 3.3 / A3.7 / A 3.6 / A 3.7 / A Excelsior Rd NB 3.9 / A 4.4 / A 4.1 / A (Roundabout) SB 3.8 / A 3.5 / A 3.9 / A EΒ 5.3 / A 6.0 / A 6.0 / AEdgewood Dr at **WB** 5.0 / A 4.9 / A 5.5 / A 5.3 / A 5.4 / A Design Rd 5.5 / A (3-way stop) NB 3.5 / A 3.8 / A 4.0 / A EΒ 6.6 / A 16.0 / C 11.8 / B Edgewood Dr at **WB** 5.9 / A 18.7 / C 12.4 / B Clearwater Rd 4.3 / A 11.0 / B 7.9 / A (3-way Stop; WB NB 7.3 / A 20.8 / C 13.4 / B does not stop) SB 0.7 / A1.2 / A 1.2 / A

Table 6 – 2030 No Build (Design Rd Closed) Conditions

4.4 | 2030 Build (Design Road Access Open) Conditions

Under 2030 Build conditions with the Design Road access to TH 371 open, a majority of the trips to/from TH 371 are expected to use the intersection of TH 371 and Design Road to enter and exit the proposed medical clinic site. For vehicles exiting the site to the north on TH 371, vehicles would be expected to use the traffic signals at either Excelsior Road or Woida Road, both of which can be accessed using Edgewood Drive.

Under 2030 Build conditions with the Design Road access to TH 371 open, the six study intersections are expected to continue to operate acceptably at LOS D or better with each approach operating at LOS E or better during the AM, midday, and PM peak hours. Each of the intersections along Edgewood Drive operate at LOS B or better and all approaches operate at LOS C or better with minimal queuing.

As in the existing and no build conditions, some of the minor street left turn and through movements and the left turns from TH 371 operate at LOS E or F due to the longer cycle length at the signalized TH 371 and Excelsior Road intersection; particularly during the midday and PM peak hours, when the cycle length is 150 seconds. During the midday and PM peak hours, some of the maximum turn lane queues exceed the available storage, particularly eastbound and

westbound. However, the queues tend to clear each signal cycle and do not create significant queuing or delay issues.

At the intersection of TH 371 and Design Road, the northbound left turns operate at LOS E during the midday peak hour and the southbound left turns operate at LOS E during the PM peak hour. The northbound and southbound left turn queues never exceed half of the available left turn storage.

As in the existing conditions, eastbound queues from TH 371 can reach Edgewood Drive at the Design Road and Clearwater Road intersections, due to the close spacing of Edgewood Drive and TH 371 (50 to 80 feet). These queues have a minor impact on the operations of the Edgewood Drive intersections.

Table 7 shows a summary of the 2030 Build traffic operations at the study intersections during the AM, midday, and PM peak hours with the Design Road access to TH 371 open.

Table 7 – 2030 Build (Design Rd Open) Conditions

Intersection	Approach	AM Pea	ak Hour	Midday P	eak Hour	PM Pea	ak Hour
intersection	ıddv	Approach	Intersection	Approach	Intersection	Approach	Intersection
	7	(delay / LOS)					
	NB	18.2 / B		32.3 / C		34.0 / C	
TH 371 at Excelsior Rd	SB	13.5 / B	18.4 / B	39.4 / D	40.9 / D	33.0 / C	37.0 / D
(Traffic Signal)	EB	29.2 / C	10.4 / D	56.0 / E	40.97D	47.4 / D	37.07 D
(Traine digital)	WB	35.5 / D		62.6 / E		52.9 / D	
	EB	6.2 / A		9.6 / A		8.3 / A	
TH 371 at	WB	1.6 / A	3.9 / A	3.1 / A	72/1	3.6 / A	70/4
Design Rd (3/4 Access)	NB	8.0 / A	3.9 / A	14.0 / B	7.3 / A	13.0 / B	7.0 / A
(3/4 Access)	SB	6.4 / A		20.5 / C		26.6 / D	
	EB	2.1 / A		4.4 / A		4.5 / A	
TH 371 at	WB	2.6 / A	0.0/4	3.9 / A	54/	4.0 / A	/ A
Clearwater Rd (3/4 Access)	NB	10.8 / B	2.9 / A	14.0 / B	5.1 / A	13.7 / B	5.5 / A
(0/47100033)	SB	5.9 / A		11.8 / B		19.1 / C	
	EB	0.0 / A		0.0 / A		0.0 / A	
Edgewood Dr at	WB	2.8 / A	3.9 / A	3.4 / A	20/4	3.3 / A	3.8 / A
Excelsior Rd (Roundabout)	NB	4.1 / A	3.9 / A	4.6 / A	3.8 / A	4.4 / A	3.0 / A
(Noundabout)	SB	4.0 / A		3.4 / A		3.8 / A	
Edgewood Dr at	EB	6.0 / A		8.4 / A		7.4 / A	
Design Rd	WB	5.4 / A	3.1 / A	17.5 / C	40.6 / D	11.4 / B	8.5 / A
(3-way stop; WB	NB	6.7 / A	3.1/A	20.8 / C	10.6 / B	15.3 / C	0.5 / A
does not stop)	SB	0.8 / A		0.9 / A		0.9 / A	
Edgewood Dr at	EB	6.6 / A		10.6 / B	_	9.1 / A	
Clearwater Rd	WB	5.5 / A	4.7 / A	10.1 / B	7.5 / A	8.1 / A	6.3 / A
(3-way Stop; WB	NB	6.9 / A	4./ / A	11.0 / B	7.5/A	9.8 / A	0.3 / A
does not stop)	SB	0.8 / A		1.2 / A		1.2 / A	

4.5 | 2030 Build (Design Road Access Closed) Conditions

Under 2030 Build conditions with the Design Road access to TH 371 closed, the trips to/from TH 371 are expected to use either Clearwater Road or Excelsior Road to enter and exit the proposed medical clinic site. For vehicles exiting the site to the north on TH 371, vehicles would be expected to use the traffic signals at either Excelsior Road or Woida Road, both of which can be accessed using Edgewood Drive.

Under 2030 Build conditions the Design Road access to TH 371 closed, the six study intersections are expected to continue to operate acceptably at LOS D or better with each approach operating at LOS E or better during the AM, midday, and PM peak hours. Each of the intersections along Edgewood Drive operate at LOS B or better and all approaches operate at LOS D or better with minimal queueing.

As in the existing and no build conditions, some of the minor street left turn and through movements and the left turns from TH 371 operate at LOS E or F due to the longer cycle length at the signalized TH 371 and Excelsior Road intersection; particularly during the midday and PM peak hours, when the cycle length is 150 seconds. During the midday and PM peak hours, some of the maximum turn lane queues exceed the available storage, particularly eastbound and westbound. However, the queues tend to clear each signal cycle and do not create significant queuing or delay issues.

Under Build conditions with the Design Road access to TH 371 closed, the northbound left turn queues at the intersection of TH 371 and Excelsior Road exceed the available storage more frequently than in the other alternatives due to the increase in northbound left turn volumes from the rerouting of Design Road traffic and the new medical clinic trips.

At the intersection of TH 371 and Clearwater Road, the increased volume of northbound left turns operate at LOS E during the midday peak hour and LOS D during the PM peak hour; the northbound left turns operated at LOS C or better with the Design Road access open to TH 371. The northbound left turn queues never exceed half of the available left turn storage.

During the midday and PM peak hours, the increased traffic volumes at the intersection of Edgewood Drive and Clearwater Road, primarily westbound left turns and northbound right turns, results in some of the stop-controlled movements operating at LOS D or E; all approaches still operate at LOS C or better. All movements operated at LOS C or better at the intersection of Edgewood Drive and Clearwater Road with the Design Road access to TH 371 open.

As in the existing conditions, eastbound queues from TH 371 can reach Edgewood Drive at the Clearwater Road intersection, due to the close spacing of Edgewood D and TH 371 (approximately 80 feet). These queues have an impact on the operations of the intersection of Edgewood Drive and Clearwater Road and contributes to some of the stop-controlled movements operating at LOS D and E during the midday and PM peak hours.

Table 8 shows a summary of the 2030 Build traffic operations at the study intersections during the AM, midday, and PM peak hours with the Design Road access to TH 371 closed.

Table 8 – 2030 Build (Design Rd Closed) Conditions

	ach	AM Pea	ak Hour	Midday P	eak Hour	PM Pea	ık Hour
Intersection	Approach	Approach (delay / LOS)	Intersection (delay / LOS)	Approach (delay / LOS)	Intersection (delay / LOS)	Approach (delay / LOS)	Intersection (delay / LOS)
	NB	21.0 / C		35.9 / D		34.6 / C	
TH 371 at	SB	15.3 / B	00.07.0	38.9 / D	44.0 / D	32.9 / C	07.0 / D
Excelsior Rd (Traffic Signal)	EB	27.2 / C	20.2 / C	52.9 / D	41.8 / D	46.0 / D	37.2 / D
(Trailic Oignai)	WB	34.3 / C		57.2 / E		50.3 / D	
	EB	2.8 / A		8.0 / A		5.8 / A	
TH 371 at	WB	2.8 / A	22/4	4.9 / A	75/1	4.6 / A	66/4
Clearwater Rd (3/4 Access)	NB	8.7 / A	3.3 / A	13.5 / B	7.5 / A	11.7 / B	6.6 / A
(0/4 / 100033)	SB	6.1 / A		14.7 / B		20.8 / C	
	EB	0.0 / A		0.0 / A		0.0 / A	
Edgewood Dr at	WB	3.0 / A	4.1 / A	3.8 / A	4.2 / A	3.7 / A	4.2 / A
Excelsior Rd (Roundabout)	NB	4.2 / A	4.1 / A	5.5 / A	4.2 / A	4.9 / A	4.2 / A
(rtodridabout)	SB	4.3 / A		3.8 / A		4.2 / A	
Edgewood Dr at	EB	5.4 / A		6.3 / A		6.3 / A	
Design Rd	WB	4.5 / A	4.6 / A	5.4 / A	5.4 / A	5.5 / A	5.4 / A
(3-way stop)	NB	3.8 / A		4.3 / A		4.5 / A	
Edgewood Dr at	EB	6.7 / A		24.6 / C		13.0 / B	
Clearwater Rd	WB	6.4 / A	4.4 / A	23.3 / C	14.8 / B	12.8 / B	8.4 / A
(3-way Stop; WB	NB	8.0 / A	4.4 / A	26.9 / D	14.0 / D	14.4 / B	0.4 / A
does not stop)	SB	0.7 / A		1.2 / A		1.1 / A	

5 | Site Traffic Review

The proposed medical clinic will remodel the former Camping World building and will connect to private access roadways within the existing commercial development; there are no new public roadway accesses proposed. However, the site plan was reviewed to recommend potential improvements to traffic circulation and operations within the commercial area. In addition, a high-level review of traffic operations at the primary clinic access intersection was completed, to recommend traffic control with the private commercial development area.

Figure 9 shows the proposed site plan, with two recommendations to improve the site, which are also listed below:

- The intersection at the primary access should be all-way stop controlled
 - The intersection will have fairly low traffic volumes due to its location within commercial development, therefore an all-way stop controlled intersection is expected to operate well. Most of the traffic volumes will be going to/coming from the medical clinic.
 - An all-way stop at the intersection will require all vehicles to stop at least once when crossing through the commercial area.
- The width of curb-cut for the parking aisle just north of the primary access should be reduced to 24 feet.
 - To achieve this, the first 7 parking stalls should be removed, allowing for the curb-cut width can be reduced to 24 feet.
 - As currently shown, there is a possibility that vehicles may back into the private access roadway, which could present a safety issue.
- The primary access should be signed and striped as one-way roadways for the entrance and exit driveways.

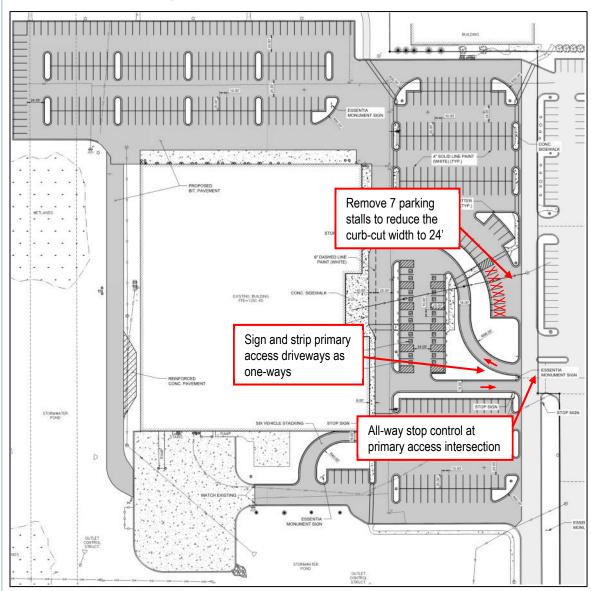


Figure 9 – Medical Clinic Site Plan Improvements

6 Conclusion

The proposed redevelopment of the former Camping World site will remodel approximately 67,980 square feet (SF) of the existing 110,460 SF building into a medical clinic with urgent care and a drive-through pharmacy. The remaining 42,480 SF of vacant space within the building will eventually be used for future growth and expansion of the medical clinic. As part of the redevelopment, the existing parking area on the site will be reconfigured to improve wayfinding, enhance vehicular and pedestrian safety, accommodate the proposed drive-through pharmacy, and improve the existing landscaping.

The initial 67,980 SF medical clinic is estimated to generate approximately 2,560 trips per day, which will access the site using the existing private roadway network within the existing commercial development area, which provide access to Edgewood Drive. In the future, the expanded medical clinic is expected to generate approximately 4,150 trips per day for the entire developed site. This study only analyzed the impacts of the proposed 67,980 SF medical clinic, without the future 42,480 SF expansion. The future expansion was not included as the timeline for future expansion and the land use for that portion of the clinic is not known at this time; additional medical office was assumed at this time. There is also uncertainty about the long-term traffic control at the TH 371 and Excelsior Road intersection, as the ongoing TH 371/TH 210 Interchange Study is expected to make changes to the intersection, including possible grade separation; however, the project is in the alternative scoping phase and has no recommendations at this time.

As part of the MnDOT TH 371 Nisswa to Baxter Corridor Study, MnDOT is expected to recommend potential future closure of the TH 371 and Design Road intersection, which will have significant impacts on traffic patterns in the area as well as impact how vehicles will access the proposed medical clinic redevelopment. To analyze the impacts of this closure, both the No Build and Build scenarios were analyzed with the Design Road access to TH 371 open and closed. The No Build scenario with Design Road closed analyzed the impacts to the area if the access is closed regardless of whether the former Camping World Site is redeveloped to the proposed medical clinic or not. The Build scenario with Design Road closed analyzed the roadway network's capacity to provide acceptable traffic operations if the Design Road access is closed in the future.

As part of the TH 210/TH 371 Interchange Project, MnDOT is considering many alternatives for the TH 371 and Excelsior Road intersection, including several grade-separated alternatives. Any changes to the TH 371 and Excelsior Road intersection would have significant impacts to traffic patterns throughout the area, which extend well beyond the immediate project area for this traffic impact study. With the future design of the TH 371 and Excelsior Road intersection unknown at this time, the intersection was analyzed under its current signal control and roadway geometry. The future design of the TH 371 and Excelsior Road area should maintain reasonable access to the commercial areas and accommodate the proposed medical clinic traffic as well as other growth and redevelopment in the area.

Traffic operations were analyzed for the 2024 existing, 2030 No Build (Design Road Access Open), 2030 No Build (Design Road Access Closed), 2030 Build (Design Road Access Open) and 2030 Build (Design Road Access Closed) scenarios. For this study, the No Build scenarios included only background growth. The Build scenarios included background growth and the estimated medical clinic trips. For scenarios where the Design Road access to TH 371 is closed,

trips were rerouted to use either Clearwater Road or Excelsior Road to access the areas east and west of TH 371.

Under each scenario, some of the minor street left turn and through movements and the left turns from TH 371 operate at LOS E or F due to the longer cycle length at the signalized TH 371 and Excelsior Road intersection; particularly during the midday and PM peak hours, when the cycle length is 150 seconds. During the midday and PM peak hours, some of the maximum turn lane queues exceed the available storage, particularly eastbound and westbound. However, the queues tend to clear each signal cycle and do not create significant queuing or delay issues.

Due to the close spacing of Edgewood Drive and TH 371 (50 to 80 feet), eastbound queues from TH 371 can reach Edgewood Drive at both the Design Road and Clearwater Road intersections under each scenario. These queues have a minor impact on the operations of the Edgewood Drive intersections.

2024 Existing Conditions

- The TH 371 intersections operate acceptably at LOS C or better with each approach operating at LOS E of better.
- Each of the approaches and intersections along Edgewood Drive operate at LOS A with minimal delay and queueing.

2030 No Build Conditions (Design Road Access Open)

- The TH 371 intersections are expected to continue to operate acceptably at LOS D or better with each approach operating at LOS E of better.
- Each of the intersections along Edgewood Drive operate at LOS A and each approach operates at LOS B or better with minimal delay and queueing.

2030 No Build Conditions (Design Road Access Closed)

- The TH 371 intersections are expected to continue to operate acceptably at LOS D or better with each approach operating at LOS D or better.
- Each of the intersections along Edgewood Drive operate at LOS B or better and all approaches operate at LOS C or better with minimal queueing.
- At the intersection of TH 371 and Clearwater Road, the increased volume of northbound left turning vehicles operate at LOS D during the midday and PM peak hours.
 - The northbound left turns operated at LOS C or better with the Design Road access open to TH 371.
- During the midday peak hour, the increased traffic volumes at the intersection of Edgewood Drive and Clearwater Road, primarily westbound left turns and northbound right turns, results in some of the stop-controlled movements operating at LOS D.
 - All movements operated at LOS C or better at the intersection with the Design Road access to TH 371 open.

2030 Build Conditions (Design Road Access Open)

- A majority of the trips to/from TH 371 are expected to use the intersection of TH 371 and Design Road to enter and exit the proposed medical clinic site.
- The TH 371 intersections are expected to continue to operate acceptably at LOS D or better with each approach operating at LOS E or better.

- Each of the intersections along Edgewood Drive operate at LOS B or better and all approaches operate at LOS C or better with minimal queuing.
- At the intersection of TH 371 and Design Road, the northbound left turns operate at LOS
 E during the midday peak hour and the southbound left turns operate at LOS E during
 the PM peak hour.

2030 Build Conditions (Design Road Access Closed)

- The trips to/from TH 371 are expected to use either Clearwater Road or Excelsior Road to enter and exit the proposed medical clinic site.
- The TH 371 intersections are expected to continue to operate acceptably at LOS D or better with each approach operating at LOS E or better.
- Each of the intersections along Edgewood Drive operate at LOS B or better and all approaches operate at LOS D or better with minimal queueing.
- At the intersection of TH 371 and Clearwater Road, the increased volume of northbound left turning vehicles operate at LOS E during the midday peak hour and LOS D during the PM peak hour.
 - The northbound left turns operated at LOS C or better with the Design Road access open to TH 371.
- During the midday and PM peak hours, the increased traffic volumes at the intersection
 of Edgewood Drive and Clearwater Road, primarily westbound left turns and northbound
 right turns, results in some of the stop-controlled movements operating at LOS D or E.
 - All movements operated at LOS C or better at the intersection with the Design Road access to TH 371 open.

The proposed medical clinic will remodel the former Camping World building and will connect to private access roadways within the existing commercial development with no new public roadway accesses. However, the site plan was reviewed to recommend potential improvements to traffic circulation and operations within the commercial area. In addition, a high-level review of traffic operations at the primary clinic access intersection was completed, to recommend traffic control with the private commercial development area.

6.1 Recommendation

Based on the analysis of the proposed medical clinic, no additional roadway or intersection improvements to the existing roadway network are required to maintain acceptable traffic operations with the additional medical clinic trips.

If the Design Road access to TH 371 is closed in the future, there will be increased traffic volumes at the TH 371 and Excelsior Road and TH 371 and Clearwater Road intersection. If the Design Road access to TH 371 is closed, there will likely be a need to increase the length of some of the turn lanes at the intersection of TH 371 and Excelsior Road to accommodate the additional traffic demands if the intersection remains an at-grade signalized intersection. In particular, the eastbound left turn lane, eastbound right turn lane, and northbound right turn lane.

As was mentioned previously, MnDOT is currently considering many alternatives for the TH 371 and Excelsior Road intersection as part of the ongoing TH 210/TH 371 Interchange Project, including several grade-separated alternatives. Any changes to the TH 371 and Excelsior Road

intersection would have significant impacts to the existing traffic patterns throughout the area, which extend well beyond the immediate project area for this traffic impact study.

The future design of the TH 371 and Excelsior Road area should maintain reasonable access to the commercial areas and accommodate the 4,150 daily medical clinic trips expected after future expansion as well as other growth and redevelopment in the area without putting undue burden on the City roadway network. Creating an overpass at Excelsior Road without providing some sort of reasonable access alternatives would not work for the City with the significant commercial development on both sides of TH 371. It would push all northbound left turning traffic to Woida Road, which the MnDOT TH 371 Nisswa to Baxter Corridor Study is showing needs improvements under current access conditions. As the TH 210/TH 371 Interchange Project continues, the City should review how each concept would impact traffic patterns for the Excelsior Road/Design Road area.

The following changes to the proposed site plan are recommended to improve traffic operations and safety within the site:

- The intersection at the primary access should be all-way stop controlled
- The width of the curb-cut for the parking aisle just north of the primary access should be reduced to 24 feet by removing 7 parking stalls.
 - Removing these parking spacing and reducing the width to 24 feet will eliminate the
 possibility of vehicles backing into the private access roadway, which could present a
 safety issue.
- The primary access should be signed and striped as one-way roadways for the entrance and exit driveways.

Appendix A

Vehicle Turning Movement Counts

Location: Design Road at Edgewood Drive

Count Date: 9/12/2024 Counted By: CountCloud

TURNING MOVEMENT COUNT DATA All Vehicles + Total Peds/Bikes



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10:30	10:00	22	0	14	0	0	34	13	0	0	0	0	0	6	27	0	0	116
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18:15 32 0 13 0 0 18 11 0 0 0 0 12 22 0 0 108 18:30 18 0 12 0 0 19 17 0 0 0 0 8 19 0 0 93 18:45 19 0 10 0 0 26 11 0 0 0 0 5 15 0 0 86 Total 1312 0 664 6 0 1222 904 0 0 0 0 1 592 1536 0 0 6230 Cars+ 1294 0 663 5 0 1211 899 0 0 0 0 589 1526 0 0 6182 Trucks 18 0 1 1 0 11 5 0 0 0 0 0 0 5 0 0 0 48 6 Trucks <td>17:45</td> <td>36</td> <td>0</td> <td>19</td> <td>0</td> <td>0</td> <td>25</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>19</td> <td>27</td> <td>0</td> <td>0</td> <td>147</td>	17:45	36	0	19	0	0	25		0	0	0	0	0	19	27	0	0	147
18:30 18 0 12 0 0 19 17 0 0 0 0 0 8 19 0 0 93 18:45 19 0 10 0 0 26 11 0 0 0 0 5 15 0 0 86 Total 1312 0 664 6 0 1222 904 0 0 0 0 1 592 1536 0 0 6230 Cars+ 1294 0 663 5 0 1211 899 0 0 0 0 589 1526 0 0 6182 Trucks 18 0 1 1 0 11 5 0 0 0 0 0 13 10 0 0 48 % Trucks 1.4 0.0 0.2 16.7 0.0 0.9 0.6 0.0 0.0 0.0 0.0 0.5 0.7 0.0 0.0 <td>18:00</td> <td>26</td> <td>0</td> <td>12</td> <td>0</td> <td>0</td> <td>18</td> <td>24</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>11</td> <td>20</td> <td>0</td> <td>0</td> <td>111</td>	18:00	26	0	12	0	0	18	24	0	0	0	0	0	11	20	0	0	111
18:45 19 0 10 0 26 11 0 0 0 0 5 15 0 0 86 Total 1312 0 664 6 0 1222 904 0 0 0 1 592 1536 0 0 6230 Cars+ 1294 0 663 5 0 1211 899 0 0 0 0 589 1526 0 0 6182 Trucks 18 0 1 1 0 11 5 0 0 0 0 1 3 10 0 0 48 % Trucks 1.4 0.0 0.2 16.7 0.0 0.9 0.6 0.0 0.0 0.0 100.0 0.5 0.7 0.0 0.0		32	0	13	0		18	11	0	0	0	0	0	12	22	0	0	
Total 1312 0 664 6 0 1222 904 0 0 0 0 1 592 1536 0 0 6230 Cars+ 1294 0 663 5 0 1211 899 0 0 0 0 0 589 1526 0 0 6182 Trucks 18 0 1 1 0 11 5 0 0 0 0 1 3 10 0 0 48 Cars+ 1294 0 663 5 0 1211 899 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	18:30	18	0	12	0	0	19	17	0	0	0	0	0	8	19	0	0	93
Cars+ 1294 0 663 5 0 1211 899 0 0 0 0 0 589 1526 0 0 6182 Trucks 18 0 1 1 0 11 5 0 0 0 0 1 3 10 0 0 48 8 Trucks 1.4 0.0 0.2 16.7 0.0 0.9 0.6 0.0 0.0 0.0 0.0 100.0 0.5 0.7 0.0 0.0	18:45	19	0	10	0	0	26	11	0	0	0	0	0	5	15	0	0	86
Cars+ 1294 0 663 5 0 1211 899 0 0 0 0 589 1526 0 0 6182 Trucks 18 0 1 1 0 11 5 0 0 0 0 1 3 10 0 0 48 % Trucks 1.4 0.0 0.2 16.7 0.0 0.9 0.6 0.0 0.0 0.0 100.0 0.5 0.7 0.0 0.0	Total	1312	0	664	6	0	1222	904	0	0	0	0	1	592	1536	0	0	6230
Trucks 18 0 1 1 0 11 5 0 0 0 0 1 3 10 0 0 48										<u> </u>				<u> </u>				
% Trucks 1.4 0.0 0.2 16.7 0.0 0.9 0.6 0.0 0.0 0.0 100.0 0.5 0.7 0.0 0.0		1294	0	663			1211	899		0	0	0	0	589	1526	0	0	
% Tricks	Trucks	18											-					48
1.0 0.8 0.0 0.6 0.8	% Trucks	1.4			16.7	0.0			0.0	0.0			100.0	0.5			0.0	
	75 .146/(6		1	.0			0	.8			0	.0			0.	.6		8.0

Location: Design Road at Edgewood Drive N

Count Date: 9/12/2024 Counted By: CountCloud

TURNING MOVEMENT COUNT DATA All Vehicles + Total Peds/Bikes



			al Daire	NI.		Danim		icles + T			ما السأدة	NI.	1	Dasies	- D		
	l l	Edgewoo	bound	N			n Road bound			Edgewoo	a Drive bound	N			n Road oound		
Start Time	Left	Thru	Right	Ped/Bike	Left	Thru		Ped/Bike	Left	Thru	Right	Ped/Bike	Left	Thru		Ped/Bike	Int. Total
6:00	1	1	O	0	6	6	O	0 0	0	0	2	0	1	0	0	0 0	17
6:15	2	3	0	0	3	3	1	0	1	1	2	0	0	0	1	0	17
6:30	5	2	0	0	4	6	1	0	2	0	1	0	1	0	0	0	22
6:45	6	1	1	0	5	7	5	0	1	2	0	0	1	3	0	0	32
7:00	9	2	1	0	10	5	3	0	1	6	1	0	0	4	1	0	43
7:15	6	7	2	0	7	11	4	0	4	4	1	0	2	2	0	0	50
7:30	9	10	1	0	3	16	6	0	2	10	1	0	0	4	0	0	62
7:45	5	5	0	0	9	12	12	0	2	8	2	0	2	3	2	1	62
8:00	8	6	0	0	13	10	10	0	4	5	3	0	4	6	0	0	69
8:15	6	5	1	0	13	9	6	0	4	9	4	0	4	3	2	0	66
8:30	10	6	1	0	12	12	6	0	4	7	6	0	4	7	0	2	75
8:45	6	5	5	0	16	12	3	0	2	3	3	0	3	4	2	0	64
9:00	6	6	1	0	8	6	6	0	1	13	4	0	4	3	1	0	59
9:15	12	4	2	0	11	12	9	0	3	12	3	0	5	3	0	0	76
9:30	8	13	3	0	9	10	6	0	0	15	5	0	4	4	2	0	79
9:45	8	11	2	0	11	18	4	0	1	13	6	0	6	5	1	0	86
10:00	8	8	3	0	11	7	8	1	0	11	4	0	3	5	0	0	68
10:15	5	13	5	0	11	11	8	0	2	6	2	0	2	5	1	0	71
10:30	10	9	3	0	13	13	12	0	2	20	6	0	2	4	1	1	95
10:45	9	16	6	0	10	11	6	0	5	15	7	0	3	<u>6</u> 7	4	0	98
11:00	17 22	14	3	0	16	19	13 16	0	2	16	1	0	3		1	0	112 127
11:15 11:30	22 17	21 13	7 4	0	14 6	12 18	13	0	5 1	10 15	2 7	0	2 4	13 8	3 4	0	110
11:45	14	16	1	0	14	21	23	0	4	14	, 5	0	6	10	1	0	129
12:00	10	14	5	0	15	14	14	0	6	20	6	0	5	10	4	0	123
12:15	17	18	6	0	15	14	12	0	3	20	5	0	4	12	3	1	129
12:30	17	28	5	0	8	14	17	0	1	16	6	0	5	9	4	0	130
12:45	19	10	7	0	9	15	14	0	4	17	7	0	2	11	4	0	119
13:00	11	21	4	0	9	12	21	0	3	17	3	0	8	7	3	0	119
13:15	12	22	2	0	11	10	10	0	1	19	7	0	5	9	4	0	112
13:30	11	21	2	0	11	7	8	0	1	17	8	0	6	5	2	2	99
13:45	10	14	4	0	13	6	14	0	7	13	4	0	5	11	0	0	101
14:00	14	23	1	0	15	18	11	1	0	12	7	0	6	7	4	0	118
14:15	7	17	4	0	6	12	14	0	4	19	8	0	6	12	1	0	110
14:30	15	8	3	0	7	13	12	0	2	14	6	0	4	5	1	0	90
14:45	9	14	3	0	8	10	11	0	1	23	6	0	3	7	2	0	97
15:00	13	16	7	0	18	17	13	0	2	15	5	0	8	7	0	0	121
15:15	8	17	1	0	7	10	13	0	4	13	3	0	4	12	3	0	95
15:30	13	17	3	0	15	12	15	0	4	15	2	0	5	4	2	0	107
15:45 16:00	12 10	19 11	6	0	11 14	7 13	16 16	0	2	21 14	5 6	0	5 10	<u>6</u> 5	<u>1</u> 1	0	110 108
16:00	15	16			16	19		0		18	_						404
16:30	20	24	2 4	0	16	6	13 10	0	2 2	11	5 9	0	4 5	8 5	3 3	0	121 115
16:45	12	23	5	0	12	18	6	0	2	14	5	0	4	8	1	0	110
17:00	12	17	0	0	18	19	11	0	3	13	9	0	7	11	2	0	122
17:15	8	7	4	0	10	19	15	0	2	18	8	0	7	12	2	0	112
17:30	8	14	0	0	14	14	17	0	2	14	10	0	6	9	2	0	110
17:45	13	12	3	0	7	10	11	0	2	22	7	0	6	6	2	1	101
18:00	23	8	5	0	12	31	5	0	2	17	6	0	3	8	1	0	121
18:15	12	10	2	0	8	16	18	0	3	18	9	0	6	6	1	0	109
18:30	7	11	5	0	10	16	18	0	2	10	5	0	8	13	2	0	107
18:45	9	13	1	0	8	10	18	1	6	5	3	0	4	19	1	12	97
Total	556	642	150	0	558	649	554	3	129	660	248	0	217	353	86	20	4802
Cars+	550	638	147	0	553	645	549	0	128	658	248	0	215	347	85	16	4763
Trucks	6	4	3	0	5	4	5	3	1	2	0	0	2	6	1	4	39
% Trucks	1.1	0.6	2.0	0.0	0.9	0.6	0.9	100.0	0.8	0.3	0.0	0.0	0.9	1.7	1.2	20.0	0.0
		1	.0			0	.0			Ü	.3		<u> </u>	1.	.4		8.0

Location: Clearwater Road N at Edgewood Drive N

Count Date: 9/12/2024 Counted By: CountCloud

TURNING MOVEMENT COUNT DATA All Vehicles + Total Peds/Bikes



								icles + T				1					
	Е	Edgewoo		N	(Clearwate		N		Edgewoo		N		Clearwat		N	
			bound	L			bound	L			bound	L			oound		
Start Time	Left	Thru	Right	Ped/Bike	Left	Thru	Right	Ped/Bike	Left	Thru	Right		Left	Thru	Right	-	Int. Total
6:00	1	0	0	0	0	6	2	0	0	4	0	0	4	4	0	0	21
6:15	1	1	0	0	0	7	1	0	0	1	0	0	2	12	4	0	29
6:30	5	0	2	0	0	4	4	1	0	2	1	0	4	14	1	0	37
6:45	2	1	0	0	4	10	7	0	0	4	0	0	6	13	2	0	49
7:00	7	3	1	0	5	11	5	0	1	8	1	0	8	14	2	0	66
7:15	6	5	1	0	3	4	10	0	3	6	3	0	5	27	6	0	79
7:30	11	10	5	0	3	10	10	0	1	11	0	0	13	27	8	0	109
7:45	4	1	3	0	8	21	22	0	2	14	3	0	10 4	30	8	0	126
8:00	10	6	6	1	4	15	22	0	•	13	3	0		11	5	0	100
8:15	9	5	4	0	6	16	15	0	1	15	1	0	8	12	1	0	93
8:30	8	3	3	0	8	12	11	0	2	13 5	1	0	8	18	2 4	0	89
9:00	14 22	<u>3</u>	1		8	11 11	16 19	0	<u>3</u>	<u>5</u> 17	2	0	8 7	11 12	3	0	82 113
9:00 9:15	22 8	0 10	1	0	8	14	21	0	3	17	4	0		12 10	2	0	106
9:15	10	8	5	0	7	17	16	0	0	23	1	0	6	12	4	0	106
9.30 9:45	14	6	0 5	0	10	11	19	0	4	23 16	1	0	6 12	20	4	0	122
10:00	12	8	9	0	7	14	13	0	2	20	3	0	2	16	5	0	111
10:00	22	o 12	3	0	7	15	20	0	2	20 14	3 4	0	9	6	4	0	118
10:13	14	13	2	0	6	20	21	0	4	26	1	0	10	9	5	0	131
10:30	18	18	2	0	10	18	30	0	2	28	1	0	12	9 17	4	0	160
11:00	27	9	3	0	15	17	25	0	4	20	3	0	14	15	5	0	157
11:15	15	11	7	0	14	9	23	0	2	23	2	0	7	12	7	0	132
11:30	19	13	9	0	9	11	30	0	3	23	2	0	10	15	3	0	145
11:45	20	15	6	0	16	11	30	0	4	28	3	0	18	14	5	0	170
12:00	37	10	11	0	11	21	51	0	3	32	4	0	12	8	6	0	206
12:15	35	18	7	0	13	16	40	0	5	29	7	0	16	15	9	1	210
12:30	38	21	6	0	16	11	35	0	3	23	4	0	10	12	5	0	184
12:45	39	15	5	0	12	20	33	0	3	34	0	0	18	17	9	0	205
13:00	36	16	7	0	17	18	25	0	7	29	5	0	10	18	6	0	194
13:15	35	17	8	0	10	16	34	0	4	27	2	0	10	9	8	0	180
13:30	42	19	5	0	11	20	29	0	5	33	2	0	6	9	7	1	188
13:45	33	14	6	0	9	17	24	0	5	21	1	0	3	7	6	0	146
14:00	21	20	10	0	7	24	22	1	5	19	5	0	10	11	6	0	160
14:15	28	15	5	0	8	14	20	0	5	28	3	0	12	17	7	0	162
14:30	21	4	6	0	6	19	14	0	6	26	3	0	5	21	3	0	134
14:45	23	12	8	0	12	18	25	0	1	32	4	0	9	14	3	0	161
15:00	13	12	7	0	9	11	25	0	4	29	3	0	5	14	6	0	138
15:15	20	16	6	0	6	27	18	1	6	22	2	1	9	19	3	0	154
15:30	20	11	3	0	5	26	32	0	3	28	3	0	14	13	5	0	163
15:45	20	12	8	1	13	15	34	0	7	25	1	1	16	13	4	0	168
16:00	24	11	8	0	7	29	18	0	7	33	2	0	11	17	3	0	170
16:15	21	8	5	0	6	30	29	0	3	26	2	0	16	10	7	1	163
16:30	14	17	8	0	10	15	26	0	7	19	0	0	11	26	5	1	158
16:45	21	16	8	0	5	23	33	0	5	25	3	0	12	13	5	0	169
17:00	25	11	5	0	7	26	30	0	9	24	3	0	10	9	3	1	162
17:15	28	9	10	0	8	25	22	0	4	23	2	0	14	12	1	0	158
17:30	19	8	8	0	5	22	25	0	4	24	1	0	6	9	5	0	136
17:45	17	9	6	0	6	15	29	0	4	19	2	0	2	8	6	1	123
18:00	36	8	12	0	7	29	19	0	5	24	0	0	9	10	3	1	162
18:15	28	9	10	0	5	20	17	0	5	26	3	0	7	8	6	0	144
18:30	13	14	6	0	9	25	14	0	5	24	1	0	9	7	4	0	131
18:45	21	15	11	0	6	17	12	0	1	11	1	0	11	11	2	0	119
Total	1007	534	283	2	408	864	1127	3	180	1062	111	2	476	708	237	7	6997
Cars+	1001	530	280	0	406	855	1117	0	180	1058	110	0	470	704	236	2	6947
Trucks	6	4	3	2	2	9	10	3	0	4	1	2	6	4	1	5	50
% Trucks	0.6	0.7	1.1	100.0	0.5	1.0	0.9	100.0	0.0	0.4	0.9	100.0	1.3	0.6	0.4	71.4	
/0 11UUNS		0	.7			0	.9			0	.4			0	.8		0.7

Appendix B

Traffic Operations Analysis Results

Page 1 of 1

Item 3.

				Der	mand Volu	umes				Delay	(s/veh)				OS By	LOS Interse			Left Tur	n Lane			Th	rough Lan	e (s)			Right T	urn Lane	
	Intersection	Approach	U	L	Т	R	Total	U LO	S L	LOS	т	LOS	R L	D-1	ay ,	OS Delay	LOS	Storage (feet) ³	Avg. Queue	Max Queue	% Block Thru (2)	% Block Left (2)	Link Length	Avg. Queue	Max Queue	% Block Right ⁽²⁾	% Block Thru (2)	Storage (feet) ³	Avg. Queue	Max Queue
	TH 371 at Excelsior Road (Signal)	NB		105	930	49	1,084		56.4	Е	12.9	В	3.4	A 16.	- 1	В		260	(feet) 1 80	(feet) 1 180	>	<	(feet) 2818	(feet) 1 116	(feet) 1 266	>	<	300	(feet) 1 20	(feet) 1 43
		SB EB		26 54	1021 66	37 172	1,084		45.1 41.5	D D	9.9 45.6	A D		A 10. B 27.		B 16.0	В	500 190	20 34	75 100			896 321	94 41	209 102			500 190	20	20 133
		WB		42	48	46	136		41.5	D	47.5	D		A 31.		C C		170	28	89			895	31	102			170	51 21	62
	TH 371 at Design Road	NB		77	916	37	1,030		15.0	С	3.5	A		A 4.3		A		450	34	93			896 798		20			480	00	20
	(3/4 Access)	SB EB		58	1033	46 51	1,137 51		11.2	В	0.9	Α		A 1.4 A 7.6		A 2.9 A	Α	625	26	82			798		20			500 20	20 20	20 51
		WB				12	12						5.7	A 5.7	7	A												605	20	38
١.	TH 371 at Clearwater Rd (3/4 Access)	NB SB		111 77	787 993	30 35	928 1,105		8.8 5.9	A	0.9	A		A 1.8 A 2.4		A 2.6	А	575 860	30 20	81 61								490 500	20	20 22
로	,	EB				144	144						9.0	A 8.9	9	A												35	37	81
Peak	Edgewood Dr at Excelsior Rd	WB NB				22	22						4.4	A 4.4		A A												495	20	27
AM	(Single Lane Roundabout)	SB		39		17	56		2.6	Α			2.6	A 2.6	6	A 3.6	Α						682	20	32					
`		EB WB	44	58	209	35	267 228	2.4 A	3.2	Α	4.0 4.0	A	3.2	3.8 A 3.6		A A							1085	20	54					
	Edgewood Dr at Design Rd	NB		12	32	11	55	2	5.1	Α	6.6	Α	2.9	A 5.5	5	A							571	28	55					
	(3-way Stop; Westbound free)	SB EB		26 10	26 14	2	54 28		4.9 5.1	A	6.2 6.4	A		A 5.4		A 3.2 A	Α						754 564	26 20	45 55	_				
		WB		37	51	35	123		0.7	Α	0.7	A	0.7	A 0.7	7	A							42		20					
	Edgewood Dr at Clearwater Rd (3-way Stop; Westbound free)	NB SB		5 42	53 22	8 18	66 82		4.9 5.4	A	6.8 6.5	A		A 6.1 A 5.1		A 4.2	А	80 180	20 22	27 51			814 602	20 20	44 38					
	(G-way Stop, westbound liee)	EB		35	94	22	151		6.4	A	7.3	A	3.2	A 6.5	5	A 4.2 A	^	100		JI			989	37	73			100	20	34
-	TH 271 at Excelsion Dood (Signal)	WB NB		21 187	58 1380	67 121	146 1.688		0.8 56.6	A E	0.8 25.8	A	0.6 9.4	A 0.7 A 28.		A C	+	260	143	327	1 %	7 %	70 2818	271	20 559	4 %		300	34	210
	TH 371 at Excelsior Road (Signal)	SB		108	1210	23	1,341		92.2	F	22.7	C	4.7	A 27.	.8	C 33.3	С	500	103	229	1 %		896	199	362			500	20	25
		EB		94 222	95	194	383 494		54.2 63.1	D E	84.5 73.7	F		C 48.		D E		190	66	178	11 %	2 % 5 %	321	92 153	220	2 % 5 %	1 %	190	84 67	208 220
	TH 371 at Design Road	WB NB		155	135 1402	137 54	1,611		24.3	C	5.8	A		C 55.		A		170 450	154 65	238 174	11 %	5 %	895 896	153	351 20	5 %		170 480	20	20
	(3/4 Access)	SB		70	1210	69	1,349		20.8	С	1.5	Α		A 2.5	5	A 5.8	Α	625	32	90			798		20			500	20	22
		EB WB				131 48	131 48							B 12. B 13.		B B												20 605	37 20	66 64
_	TH 371 at Clearwater Rd	NB		198	1106	146	1,450		24.0	С	1.5	Α	0.7	A 4.4	4	A		575	80	193								490	20	34
롼	(3/4 Access)	SB EB		119	1130	67 219	1,316 219		12.7	В	2.9	Α		A 3.7 B 12.		A 4.8 B	Α	860	41	114			1497		20			500 35	20 59	38 96
Peak Hou		WB				97	97							A 9.5	5	A												495	29	
	Edgewood Dr at Excelsior Rd (Single Lane Roundabout)	NB SB		172		68	240		3.1	A		-	3.1	0.0 A 3.1		A 3.5	A						682	20	53					
Midday	(9	EB		60	159		219		3.5	Α	4.5	Α		4.2	2	A							1085	24	73					
	Edgewood Dr at Design Rd	WB NB	52	14	83 69	93 25	228 108	2.4 A	5.8	A	4.1 7.9	A		A 3.4 A 6.7		A A							571	38	70					
	(3-way Stop; Westbound free)	SB		62	61	16	139		10.6	В	8.7	Α	5.8	A 9.2	2	A 5.3	Α						754	44	96					
		EB WB		19 62	44 87	12 75	75 224		7.3 0.9	A	11.3	B		A 9.4 A 0.9		A							564 42	36 20	93 20	_				
	Edgewood Dr at Clearwater Rd	NB		15	110	18	143		6.1	Α	9.9	Α	4.7	A 8.9	9	A		80	20	31			814	34	80					
	(3-way Stop; Westbound free)	SB EB		132 56	56 69	33 23	221 148		10.0 9.5	B	7.5 12.2	A B		A 8.5 A 9.8		A 6.3 A	Α	180	41	96			602 989	32 44	74 110	1 %		100	20	43
		WB		51	60	154	265		1.2	A	1.4	A		A 1.1		A							70	20	33	1 70		100	20	
	TH 371 at Excelsior Road (Signal)	NB SB		170 81	1502 1160	111 24	1,783 1,265		56.4 85.3	E	25.1 19.2	C B		A 26. A 22.		C 30.1	С	260 500	131 70	336 145		8 %	2818 896	272 171	449 302	5 %		300 500	25 20	234 26
		EB		89	78	174	341		54.2	D	73.5	E	23.7	C 43.	.8	D		190	69	164			321	68	163			190	67	159
	TH 371 at Design Road	WB NB		183 97	120 1583	133 44	436 1.724		59.3 15.4	E C	67.2 6.3	E A		C 52.		D A	1	170 450	139 34	234 94	8 %	3 %	895 896	116	275 20	3 %		170 480	66 20	194 20
	(3/4 Access)	SB		69	1146	56	1,271		30.2	D	1.2	A	0.5	A 2.7	7	A 5.5	А	625	36	135			798		20			500	20	22
		EB WB				119 60	119 60							B 10. C 19.		B C												20	31 28	66 80
	TH 371 at Clearwater Rd	NB		211	1291	141	1,643		23.5	С	1.7	Α	0.8	A 4.3	3	Α	1	575	85	198			760		20			605 490	20	32
Þ	(3/4 Access)	SB EB		89	1085	54 186	1,228		15.9	С	2.8	Α		A 3.7 B 11.	7	A 5.0 B	Α	860	37	112								500 35	20	25
운		WB				186 145	186 145							B 11. C 15.		C												35 495	49 50	89 125
l Peak	Edgewood Dr at Excelsior Rd	NB		4=0										0.0	0	A							000							
PM	(Single Lane Roundabout)	SB EB		150 59	161	92	242		3.1	A	4.4	Α	3.1	A 3.1		A 3.6 A	Α						682 1085	20	57 68					
		WB	30		124	97	251	2.6 A			4.2	Α		A 3.7		A	1													
	Edgewood Dr at Design Rd (3-way Stop; Westbound free)	NB SB		8 62	57 74	27 17	92 153		5.2 8.5	A	7.3 7.4	A		A 6.0		A 4.9	А						571 754	34 42	66 87					
	,	EB		23	30	8	61		5.6	Α	8.5	Α	3.3	A 6.6	6	A							564	29	58					
	Edgewood Dr at Clearwater Rd	WB NB		56 22	56 103	41 9	153 134		0.7 5.5	A	0.7 9.5	A		A 0.7		A A	1	80	20	32			42 814	20 30	20 78					
	(3-way Stop; Westbound free)	SB		99	52	29	180		8.4	Α	7.8	Α	3.5	A 7.4	4	A 5.6	Α	180	35	74			602	29	61					
		EB WB		50 33	78 110	20 122	148 265		8.4 1.2	A	9.6 1.4	A		A 8.4 A 1.2		A A							989 70	43 20	84 30			100	20	38
_		110		- 55			200		1.4	_ ^		, ^		. 1 14		• • •									50					

Vehicle Queing Information (feet)

Camping World Site Redevelopment Traffic Impact Study
2030 No Build Conditions - Design Road Access to TH 371 Remains Open
AM (7:30-8:30 AM), Midday (11:30 AM-12:30 PM), and PM (4:00-5:00 PM) Peak Hours

Item 3.

AW	(7:30-8:30 AM), Midday (11:30 AM-12		W (4.00	-5.00 F	IVI) Feak	nouis		1							LOS B		LOS B							enicle Qu	eing intori	nation (fe	et)	1			
				De	mand Volu	mes			ı	Delay ((s/veh)				Approa		Intersect			Left Turr	n Lane			Th	rough Lane	e (s)			Right T	urn Lane	
	Intersection	Approach															Delevi		Storage	Avg.	Max	% Block	% Block	Link	Avg.	Max	% Block	% Block	Storage	Avg.	Max
			U	L	Т	R	Total	U LOS	L	LOS	Т	LOS	R I	Los	Delay (S/Veh)	LOS	Delay (S/Veh)	LOS	(feet) ³	Queue	Queue	Thru (2)	Left (2)	Length	Queue	Queue	Right (2)	Thru (2)	(feet) ³	Queue	Queue
-	TH 371 at Excelsior Road (Signal)	NB		108	986	50	1,144		55.4	Е	12.3	В	3.5	Α	15.9	В	, ,		260	(feet) 1 77	(feet) 1 185	>	Ç	(feet) 2818	(feet) 1 121	(feet) 1 248	>	Ç	300	(feet) 1 20	(feet) 1 33
	TH 37 Fat Excession Road (Signal)	SB		27	1082	38	1,144		47.6	D	11.6	В		A	12.1	В	16.4	В	500	20	72			896	115	240			500	20	25
		EB		56	68	177	301		42.0	D	43.7	D		В	27.8	С	10.1		190	36	94			321	39	101			190	58	132
		WB		43	49	47	139		43.8	D	46.4	D	9.8	Α	33.0	С			170	31	94			895	32	94			170	21	64
	TH 371 at Design Road	NB		79	972	38	1,089		19.6	С	3.5	Α		Α	4.7	Α			450	42	121								480	20	20
	(3/4 Access)	SB EB		60	1094	47 53	1,201 53		10.6	В	1.0	Α		A	1.4 7.6	A	3.1	Α	625	26	83			798		20			500 20	20	20 53
		WB				12	12							A	7.7	A													605	20	42
	TH 371 at Clearwater Rd	NB		114	839	31	984		9.2	Α	1.0	Α		A	1.9	Α			575	32	92								490	20	20
	(3/4 Access)	SB		79	1053	36	1,168		6.8	Α	2.3	Α		Α	2.6	Α	2.8	Α	860	21	60			1497		20			500	20	20
로		EB				148	148							В	10.1	В													35	42	87
Peak	Edgewood Dr at Excelsior Rd	WB NB				23	23						5.3	Α	5.3	A													495	20	32
	(Single Lane Roundabout)	SB		40	_	18	58		2.7	Α			2.7	Α	2.7	A	3.7	А						682	20	33					
A	(Origie Earle (Coridabout)	EB		60	216	10	276		3.4	A	4.0	Α	£.,		3.9	A	0.7	^						1085	20	59					
		WB	45		153	36	234	2.5 A			4.2	Α	3.4	Α	3.8	Α															
	Edgewood Dr at Design Rd	NB		12	33	11	56		5.1	Α	6.6	Α		Α	5.4	Α	T	. 1						571	27	51					
	(3-way Stop; Westbound free)	SB		27 10	27	2	56		4.8	A	6.2	A		A	5.4	A	3.3	Α						754 564	28 21	52					
		EB WB		38	15 52	36	29 126		5.3 0.8	A	7.0 0.9	A		A	5.8 0.8	A								564 42	21	61 20					
	Edgewood Dr at Clearwater Rd	NB		5	55	8	68		5.6	A	7.2	A		A	6.5	A			80	20	27			814	21	47					
	(3-way Stop; Westbound free)	SB		43	23	19	85		5.8	Α	6.4	Α		Α	5.3	Α	4.6	Α	180	23	48			602	20	44					
		EB		36	97 59	23 69	156 150		7.0	A	7.7	A		A	6.9	A								989 70	40	86 20			100	20	36
-	TH 371 at Excelsior Road (Signal)	WB NB		22 193	59 1463	69 125	1,781		0.8 57.5	A E	0.9 32.1	C	0.0	В	0.7 33.2	A C			260	162	378	1 %	14 %	70 2818	327	20 586	9 %		300	49	348
	111 07 7 at Excelsion (Volu (Signal)	SB		111	1283	24	1,418		85.3	F	32.1	C		A	36.0	D	38.5	D	500	99	200	1 70	14 %	2818 896	268	467	1 %		500	20	24
		EB		97	98	200	395		53.5	D	76.3	E	29.2	С	47.0	D			190	69	176		1 %	321	89	224	1 %	1 %	190	88	208
		WB		229	139	141	509		65.6	E	69.4	E		С	57.5	E			170	169	244	17 %	5 %	895	173	440	5 %		170	75	232
	TH 371 at Design Road	NB		160	1485	56	1,701		35.0	E	6.9	Α		A	9.5	Α			450	80	212			896	20	39	_		480	20	20
	(3/4 Access)	SB EB		72	1283	71 135	1,426 135		29.8	D	1.6	Α		A B	2.9 13.4	A B	7.0	Α	625	38	112			798		20			500 20	20 38	27
		WB				49	49							C	20.6	С													605	23	78
١.	TH 371 at Clearwater Rd	NB		204	1180	150	1,534		22.8	С			0.8	Α	4.2	Α			575	74	183			760		20			490	20	35
Hom	(3/4 Access)	SB		123	1200	69	1,392		14.2	В	3.3	Α		Α	4.2	Α	5.1	Α	860	42	124								500	20	38
		EB				226 100	226 100							B B	13.8 12.3	B B													35 495	61 31	92 100
Peak	Edgewood Dr at Excelsior Rd	WB NB				100	100						12.3	ь	0.0	A													495	31	100
Midday	(Single Lane Roundabout)	SB		177		70	247		3.0	Α			3.0	Α	3.0	Α	3.6	Α						682	20	51					
ĕ		EB		62	164		226		3.8	Α	4.6	Α			4.4	Α								1085	26	71					
		WB	54		85	96	235	2.3 A			4.0	Α		A	3.3	Α										7.5					
	Edgewood Dr at Design Rd (3-way Stop; Westbound free)	NB SB		14 64	71 63	26 16	111 143		6.1 13.3	A B	8.0 10.0	A B		A A	6.9 11.3	A B	6.3	Α						571 754	38 49	75 132					
	(o-way otop, westbound nee)	EB		20	45	12	77		9.3	A	14.2	В		A	11.8	В	0.5	^						564	37	100					
		WB		64	90	77	231		1.0	Α	1.1	Α		Α	1.0	Α								42	20	20					
	Edgewood Dr at Clearwater Rd	NB		15	113	19	147		5.5	Α	10.9	В		Α	9.7	Α			80	20	31			814	36	92					
	(3-way Stop; Westbound free)	SB EB		136 58	58 71	34 24	228 153		12.2 10.6	B B	7.5 12.8	A B		A	9.6 10.5	A B	7.0	Α	180	45	122			602 989	34 47	72 129	1 %		100	20	68
		WB		53	61	159	273		1.3	A	1.4	A		A	1.2	A								70	20	40	1 %		100	20	80
	TH 371 at Excelsior Road (Signal)	NB		175	1592	114	1,881		57.3	E	30.5	С		В	31.7	С			260	155	378		14 %	2818	337	643	11 %		300	55	384
		SB		83	1230	25	1,338		81.4	F	27.6	С	5.3	Α	30.4	С	34.2	С	500	71	167			896	243	424			500	20	27
		EB WB		92	80	179	351		53.9	D	66.3	E		С	42.6 49.7	D			190 170	68	144	0.01	0.01	321	68	160		1	190	77	188
	TH 371 at Design Road	WB NB		188 100	124 1676	137 45	449 1,821		54.2 21.1	D C	61.4	E		C A	49.7 8.1	D A			170 450	133 43	242 126	6 %	2 %	895 896	112	282	2 %	1 %	170 480	75 20	181 28
	(3/4 Access)	SB		71	1215	58	1,344		37.1	E	1.4	Α		A	3.1	A	6.5	Α	625	43	129			798		20			500	20	22
	ľ '	EB				123	123							В	12.1	В													20	35	65
		WB				62	62							С	24.6	С													605	28	93
	TH 371 at Clearwater Rd	NB SB		217 92	1376 1152	145	1,738		25.3 15.9	D C	2.1	Α.		A	4.6	A	5 F	Α	575 860	89 36	199 95			1497		20			490	20	29
ī	(3/4 Access)	SB EB		92	1152	56 192	1,300 192		15.9	Ü	3.1	А		A B	3.9 14.2	A B	5.5	А	860	ან	95			1497		20			500 35	20 58	33 90
유		WB				149	149							С	17.9	С													495	53	133
Peak	Edgewood Dr at Excelsior Rd	NB													0.0	Α															
₹	(Single Lane Roundabout)	SB		155		95	250		3.1	A			3.2	Α	3.1	Α	3.6	Α						682	20	60					
		EB W/P	31	61	165 128	100	226 259	2.3 A	3.4	Α	4.3 4.1	A	3.4	^	4.1 3.6	A A								1085	21	61					
	Edgewood Dr at Design Rd	WB NB	31	8	59	28	259 95	2.3 A	6.4	Α	7.5	A		A	6.2	A								571	34	66					
	(3-way Stop; Westbound free)	SB		64	76	18	158		9.6	A	8.4	A		A	8.5	A	5.5	Α						754	43	119					
	·	EB		24	31	8	63		6.0	Α	11.2	В	4.3	Α	8.3	Α								564	32	72					
	Edward David Character Sci	WB		58	58	42	158		0.8	A	0.8	A		A	0.8	A			00	00				42	20	20					
	Edgewood Dr at Clearwater Rd (3-way Stop; Westbound free)	NB SB		23 102	106 54	9 30	138 186		5.8 10.7	A B	9.9 7.9	A		A A	9.0 8.8	A A	6.3	Α	80 180	20 38	34 89			814 602	30 32	73 68					
	(o-way otop, westbound nee)	EB		52	81	21	154		10.7	В	11.3	В		A	9.9	A	0.5	^	100	36	03			989	46	113	1 %		100	20	40
		WB		34	113	126	273		1.2	A	1.4	A	1.0	Α	1.2	Α								70	20	35					

Vehicle Queing Information (feet)

Camping World Site Redevelopment Traffic Impact Study
2030 No Build Conditions - Design Road Access to TH 371 Closed
AM (7:30-30 AM). Midday (11:30 AM-12:30 PM). and PM (4:00-5:00 PM) Peak Hours

Item 3.

	0 No Build Conditions - Design Road (7:30-8:30 AM), Midday (11:30 AM-12:				M) Peak	Hours																V	ehicle Que	eing Inforn	nation (fe	et)				
Intersection				De	mand Volu			Delay ((s/veh)				OS By oproach	LOS Inters			Left Tur	n Lane			Through Lan		Lane (s)			Right Turn				
	Intersection	Approach	U	L	Т	R	Total	U LOS	L	LOS	Т	LOS	R LO	Del (S/V		S Delay (S/Veh	LOS	Storage (feet) ³	Avg. Queue (feet) 1	Max Queue (feet) 1	% Block Thru (2) >	% Block Left (2) <	Link Length (feet)	Avg. Queue (feet) 1	Max Queue (feet) 1	% Block Right ⁽²⁾	% Block Thru (2) <	Storage (feet) ³	Avg. Queue (feet) 1	Max Queue (feet) 1
	TH 371 at Excelsior Road (Signal)	NB		145	911	88	1,144		53.4	D	14.7	В	4.0 A	18				260	97	215			2818	126	255			300	20	47
		SB EB		42 56	1058 68	38 201	1,138 325		47.1 40.8	D D	11.8 41.6	B	2.4 A 17.7 B	12 26			В	500 190	31 36	101 95			894 321	107 39	222 113			500 190	20 61	22 161
		WB		43	49	50	142		42.1	D	47.7	D	8.7 A	31				170	28	80			895	35	95			170	22	61
	TH 371 at Clearwater Rd	NB		156	830	31	1,017		11.0	В	1.2	Α	0.4 A	2.				575	42	130								490	20	22 22 38 39 42 42
	(3/4 Access)	SB		124	961	83	1,168		8.5	Α	2.3	Α	1.4 A	2.			Α	860	30	89								500	20	
		EB WB				177 32	177 32						8.8 A 5.2 A	8. 5.														35 495	43 20	
AM Peak Hour	Edgewood Dr at Excelsior Rd	NB				32	32						5.2 A	0.														495	20	42
¥	(Single Lane Roundabout)	SB		64		18	82		2.9	Α	0.0	Α	2.7 A				Α						682	20	42			, , , , , , , , , , , , , , , , , , ,		
Pea		EB		60	216		276		3.3	Α	4.1	Α		3.									1085	20	59					
Ā	5	WB	45		153	73	271	2.4 A			4.4	Α	3.3 A			_							633							1
	Edgewood Dr at Design Rd (3-way Stop)	NB SB		30	33 46	36	63 82		4.7	Α	5.9 6.2	A	3.2 A	5. 5.			А						577 748	30 31	64 57					
	(3-way Stop)	EB		12	40	17	29		4.6	Α	0.2	^	2.7 A	3.			^						564	20	52					
		WB												0.											, <u>,</u>					
	Edgewood Dr at Clearwater Rd	NB		5	55	37	97		5.9	Α	8.4	Α	3.9 A	6.				80	20	25			814	23	54					
	(3-way Stop; Westbound free)	SB		43	23	19	85		6.5	Α	7.2	Α	2.8 A	5.			Α	180	23	47			602	22	46	_		ļ		
		EB WB		36 111	97 59	23 69	156 239	_	6.5 0.7	A	8.5 0.8	A	4.0 A 0.6 A	7.									989 70	40	72 20			100	20	43
	TH 371 at Excelsior Road (Signal)	NB		265	1335	181	1,781		62.9	E	30.4	C	10.8 B	33				260	207	407	5 %	11 %	2818	297	487	7 %		300	45	322
	The Francisco Francisco (orginal)	SB		129	1222	24	1,375		83.0	F	32.5	С	6.2 A	36			D	500	115	236	0 70	11 70	894	258	415	1 70		500	20	21
		EB		97	98	261	456		51.8	D	77.3	E	29.7 C	44				190	68	170		1 %	321	95	230	1 %	2 %	190	111	231
		WB		229	139	154	522		60.4	Е	69.6	Е	28.0 C	53				170	161	241	14 %	6 %	895	152	379	6 %		170	82	232
	TH 371 at Clearwater Rd	NB		292 177	1144 1075	150	1,586		32.3	D C	1.9	A	0.9 A	7.			A	575 860	124	270			760 1497	20	20			490	20	39 43
	(3/4 Access)	SB EB		1//	1075	140 300	1,392 300		15.3	U	3.4	Α	2.3 A 13.4 B	13			A	800	58	152			1497		20			500 35	20 74	115
'n		WB				136	136						14.4 B	14														495	46	123
	Edgewood Dr at Excelsior Rd	NB												0.		ı														
Pea	(Single Lane Roundabout)	SB		238		70	308		3.2	Α	0.4		3.1 A	3.			Α						682	20	58					
lay		EB WB	54	62	164 85	168	226 307	2.4 A	3.7	Α	4.7 4.3	A	3.4 A	4. 3.									1085	26	71					1
Midc	Edgewood Dr at Design Rd	NB	34	51	71	100	122	2.4 A	5.3	Α	6.6	A	3.4 A	6.		_							577	37	68					
_	(3-way Stop)	SB			92	69	161				6.8	Α	3.8 A				Α						748	41	60					
Midday Peak		EB		30		47	77		4.9	Α			3.1 A	3.									564	31	55					
		WB												0.																
	Edgewood Dr at Clearwater Rd (3-way Stop; Westbound free)	NB SB		15 136	113 58	93 34	221 228		9.5 26.0	A D	19.5 10.4	C B	12.4 B 4.8 A	16 18			В	80 180	20 60	31 150	1 %	6 %	814 602	57 40	140 112					1
	(o-way diop, westbound nee)	EB		58	71	24	153		18.4	С	27.7	D	5.5 A	20			"	100	00	100	1 70		989	62	186	6 %		100	20	103
		WB		212	61	159	432		1.3	Α	1.7	Α	1.0 A	1.	2 <i>F</i>								70	20	53					
	TH 371 at Excelsior Road (Signal)	NB		226	1496	159	1,881		57.2	E	31.6	O	11.6 B	32				260	192	391	2 %	13 %	2818	333	621	10 %		300	74	381
		SB EB		102 92	1179 80	25 230	1,306 402		81.5 50.2	F D	29.2 69.0	C E	6.6 A 26.1 C	32 40			D	500 190	89 68	192 158		1 %	894 321	237 71	400 197	1 %	1 %	500 190	20 96	29 205
		WB		188	124	153	465		54.2	D	62.6	F	30.7 C					170	136	229	6 %	2 %	895	113	255	2 %	1 %	170	80	205
	TH 371 at Clearwater Rd	NB		266	1330	145	1,741		27.5	D	2.0	A	1.0 A	5.				575	109	238	0 70	2 ,0	760	1.0	20	2 70	1 70	490	20	35
	(3/4 Access)	SB		144	1042	114	1,300		18.0	С	3.2	Α	2.2 A	4.	7 <i>F</i>	6.7	Α	860	58	150			1497		20			500	20	40
		EB				264	264						12.4 B	12		i												35	70	112
Þ	Edgewood Dr at Excelsior Rd	WB NB				195	195						20.9 C	20		_												495	73	188
	(Single Lane Roundabout)	SB		206		95	301		3.3	A	0.2	Α	3.2 A	3.			Α						682	20	73					1
Peak	(g.5 Land (Gandabout)	EB		61	165	33	226		3.4	A	4.4	A	A	4.									1085	24	65					
P M		WB	31		128	151	310	2.6 A			4.6	Α	3.6 A		9 /															
	Edgewood Dr at Design Rd	NB		30	59		89		5.4	Α	6.3	Α		6.									577	34	63					
	(3-way Stop)	SB EB		32	105	54 31	159 63		4.8	Α	6.5	Α	3.7 A 3.1 A	5. 4.			Α						748 564	41 29	62 61					
Eq. (3-) Ed. (3-)		WB		32		31	63		4.8	А			3.1 A	0.							I		564	29	61					
	Edgewood Dr at Clearwater Rd	NB		23	106	81	210		9.0	Α	14.8	В	8.9 A	11				80	20	44		2 %	814	46	111					
	(3-way Stop; Westbound free)	SB		102	54	30	186		16.2	С	9.3	A	4.8 A	12	.4 E		Α	180	44	108			602	35	80					
		EB		52	81	21	154		13.2	В	16.0	С	5.0 A	13									989	51	124	2 %		100	20	46
		WB		141	113	126	380		1.2	Α	1.3	Α	1.0 A	1.	2 /								70	20	52					4

NOTES:

NOTES 1. If the reported queue is greater than zero (0), but less than 20 ft, a minimum of 20 ft is reported.

^{2.} Block Percentage is proportion of analysis time (1 hour) the storage lane or through lane is blocked or blocking.

^{3.} Multiple storage lanes of different length are averaged together to show the "Effective Storage Length" per lane.

Page 1 of 1

2030 Build Conditions - Design Road Access to TH 371 Remains Open AM (7:30-8:30 AM), Midday (11:30 AM-12:30 PM), and PM (4:00-5:00 PM) Peak Hours

Item 3.

- CIVI	(7:30-8:30 AM), MIDDAY (11:30 AM-12:30 P	inj, unu i	101 (4.00-	3.00 T N	ij i cak	Т						LOS By LOS By							Vehicle Queing Information (feet)											
Intersection				Demand Volumes				Delay (s/veh)						LOS By Approach	LOS Interse			Left Turn Lane				Through Lane (s					Right T	urn Lane		
	Intersection	Approach	U	L	Т	R	Total	U LOS	L	LOS	Т	LOS	R	LOS	Delay (S/Veh)	Delay (S/Veh)	LOS	Storage (feet) ³	Avg. Queue (feet) 1	Max Queue (feet) 1	% Block Thru ⁽²⁾	% Block Left (2)	Link Length (feet)	Avg. Queue (feet) 1	Max Queue (feet) 1	% Block Right (2)	% Block Thru (2) <	Storage (feet) ³	Avg. Queue (feet) 1	Max Queue (feet) 1
	TH 371 at Excelsior Road (Signal)	NB		123	1031	50	1,204		55.8	Е	14.4	В	3.8	Α	18.2 B			260	89	189		1 %	2818	134	306			300	20	46
		SB		27	1096	38	1,161		48.5	D	13.0	В	3.2	Α	13.5 B		В	500	20	70			896	122	243			500	20	33
		EB WB	-	61 43	74 71	177 47	312 161		39.7 40.4	D D	44.5 49.2	D D	19.2	B B	29.2 C 35.5 D			190 170	41 31	108 91	-		321 895	45 50	129 132			190 170	60 21	151 60
	TH 371 at Design Road	NB		124	977	38	1,139		25.2	D	3.9	A	3.1	A	6.2 A			450	60	151			033	30	102			480	20	23
	(3/4 Access)	SB		60	1094	85	1,239		11.2	В	1.2	Α	0.6	Α	1.6 A	3.9	Α	625	25	84			798		20			500	20	26
		EB WB				67 12	67 12						8.1 6.4	A	8.0 A 6.4 A													20 605	20	50
	TH 371 at Clearwater Rd	NB		114	844	31	989		11.3	В	1.0	Α	0.3	A	6.4 A 2.1 A			575	34	105								490	20	32 20
_	(3/4 Access)	SB		79	1091	36	1,206		6.5	A	2.3	A	1.5	Α	2.6 A		Α	860	22	65								500		20
유		EB				148	148						10.8	В	10.8 B													35	40	87
Peak	Edwaysand Dr at Evantains Dd	WB				23	23						5.9	Α	5.9 A													495	20	30
AM P	Edgewood Dr at Excelsior Rd (Single Lane Roundabout)	NB SB		51		22	73		2.8	Α			2.8	Α	0.0 A 2.8 A	3.9	Α						682	20	37					
₹	(EB		75	216		291		3.5	Α	4.3	Α			4.1 A								1085	20	62				į į	
		WB	45		153	73	271	2.6 A			4.5	Α	3.6	Α	4.0 A															
	Edgewood Dr at Design Rd (3-way Stop; Westbound free)	NB SB	-	12 27	33 27	11 18	56 72		5.4 6.1	A	7.2 6.5	A	3.0	A	6.0 A 5.4 A		А						571 754	27 31	54 56					
	(3-way 3top, westbound nee)	EB	-	17	29	4	50		5.8	A	7.8	A	3.1	A	6.7 A	- 3.1	^						564	28	60					
		WB		38	135	36	209		0.8	Α	0.8	Α	0.6	Α	0.8 A								42	20	20					
	Edgewood Dr at Clearwater Rd	NB		7	60	8	75		5.0	Α	7.2	Α	2.6	Α	6.6 A			80	20	25			814	22	50					
	(3-way Stop; Westbound free)	SB EB		43 36	31 97	19 31	93 164		6.0 6.5	A	6.6 8.2	A	2.9 3.4	A	5.5 A 6.9 A	4.7	Α	180	22	46			602 989	23 40	51 81			100	20	41
		WB		22	59	69	150		0.8	A	1.0	A	0.6	A	0.8 A								70	20	22			100	20	41
	TH 371 at Excelsior Road (Signal)	NB		199	1482	125	1,806		58.6	E	30.6	С	11.1	В	32.3 C			260	174	396	1 %	13 %	2818	330	706	9 %		300	61	419
		SB	-	111	1348	24	1,483		85.5	F	36.4	D	7.6	Α	39.4 D		D	500	96	220			896	306	506	1 %		500	20	29
		EB WB	-	121 229	124 149	200 141	445 519		59.0 65.9	E	92.8 84.7	F	31.4 34.5	C	56.0 E 62.6 E			190 170	98 167	231	2 % 14 %	5 % 11 %	321 895	125 182	282 433	5 % 11 %	1 %	190 170	102 80	232 238
	TH 371 at Design Road	NB		179	1509	56	1,744		37.1	E	6.6	Α	5.4	A	9.6 A			450	90	229	14 70	11 /6	896	102	20	11 70	1 70	480	20	24
	(3/4 Access)	SB		72	1283	87	1,442		28.0	D	1.9	Α	0.7	Α	3.1 A	7.3	Α	625	36	106			798		20			500	20	23
		EB				200	200						14.1	В	14.0 B													20	46	72
	TH 371 at Clearwater Rd	WB NB		204	1204	49 150	49 1,558		24.4	С	1.5	Α	20.5 0.7	C A	20.5 C 4.4 A			575	77	171								605 490	27 20	85 26
Ę	(3/4 Access)	SB		123	1216	69	1,408		13.4	В	3.1	A	2.0	A	3.9 A		Α	860	40	111			1497		20			500	20	29
Peak Hou		EB				226	226						14.1	В	14.0 B													35	63	102
	Edgewood Dr at Excelsior Rd	WB NB				100	100						11.8	В	11.8 B 0.0 A													495	34	90
Midday	(Single Lane Roundabout)	SB	-	227		86	313		3.4	Α	0.5	Α	3.3	Α	0.0 A 3.4 A		A						682	20	67					
Mid	(EB		68	164		232		4.0	Α	4.9	Α			4.6 A								1085	29	85				j j	
		WB	54		85	112	251	2.5 A			4.1	Α	3.3	Α	3.4 A															
	Edgewood Dr at Design Rd (3-way Stop; Westbound free)	NB SB		14 64	71 63	26 22	111 149		6.9 22.6	A C	9.6 13.9	B	5.6 11.7	A B	8.4 A 17.5 C		В						571 754	40 56	86 157					
	(3-way Stop, Westbound nee)	EB	-	52	110	12	174		16.9	C	23.1	С	15.2	С	20.8 C		L D						564	68	168					
		WB		64	125	77	266		1.0	Α	1.0	Α	0.8	Α	0.9 A								42	20	30					
	Edgewood Dr at Clearwater Rd	NB		23	137	19	179		5.9	A	11.8	В	6.8	A	10.6 B			80	20	31		1 %	814	39	105					
	(3-way Stop; Westbound free)	SB EB		136 58	61 71	34 27	231 156		12.7 10.5	B B	8.1 14.3	A B	3.9 4.3	A	10.1 B 11.0 B		Α	180	46	109			602 989	35 50	82 125	1 %		100	20	55
		WB		53	61	159	273		1.3	A	1.6	A	1.0	Α	1.2 A								70	20	37	1 70		100		
	TH 371 at Excelsior Road (Signal)	NB		182	1615	114	1,911		58.9	E	32.7	С	12.1	В	34.0 C			260	179	409		16 %	2818	351	643	12 %		300	49	384
		SB EB		83 118	1300 107	25 179	1,408		81.6 55.3	F	30.4 73.3	C E	5.6 26.5	A C	33.0 C 47.4 D		D	500 190	77 88	176 198	1 %	1 %	896 321	266 98	410 238	1 %	1 %	500 190	20 80	24 197
		WB		188	134	137	459		57.1	E	66.5	E	34.0	С	52.9 D			170	139	234	7 %	5 %	895	130	334	5 %	1 /0	170	80	194
	TH 371 at Design Road	NB		123	1702	45	1,870		21.2	С	7.4	Α	6.2	Α	8.3 A			450	51	166			896	20	20			480	20	20
	(3/4 Access)	SB		71	1215	77	1,363		40.0	E	1.6	Α	0.6	A	3.6 A		Α	625	45	146								500	20	20
		EB WB				193 62	193 62						13.1 26.6	B D	13.0 B 26.6 D													20 605	30	69 85
	TH 371 at Clearwater Rd	NB		217	1402	145	1,764		24.6	С	1.8	Α	0.8	Α	4.5 A			575	83	199								490	20	38
≒	(3/4 Access)	SB		92	1171	56	1,319		17.2		3.1	Α	2.1	Α	4.0 A	5.5	Α	860	36	98			1497		20			500	20	26
포		EB WB				192 149	192 149						13.9 19.1	B	13.7 B 19.1 C													35 495	55 55	95 147
Peak	Edgewood Dr at Excelsior Rd	NB				149	149						19.1	U	19.1 C 0.0 A	_												495	55	147
₩	(Single Lane Roundabout)	SB		208		113	321		3.3	Α	0.6	Α	3.3	Α	3.3 A	3.8	Α						682	21	65					
1 "		EB		69	165		234		3.8	Α	4.6	Α			4.4 A								1085	27	77					
	Edgewood Dr at Design Rd	WB NB	31	8	128 59	117 28	276 95	2.4 A	5.9	A	4.4 8.5	A	3.5 5.5	A	3.8 A 7.4 A		+						571	36	75					
	(3-way Stop; Westbound free)	SB		64	59 76	28	95 166		14.6	B	10.5	B	6.4	A	7.4 A 11.4 B		Α						754	50	113					
	,	EB		59	101	8	168		11.9	В	17.8	С	9.1	Α	15.3 C								564	59	148					
		WB		58	100	42	200		0.9	Α	0.9	Α	0.8	Α	0.9 A								42	20	31					
	Edgewood Dr at Clearwater Rd (3-way Stop; Westbound free)	NB SB		32 102	132 58	9	173 190		5.9 9.6	A	10.1 7.8	B A	5.3 4.1	Α .	9.1 A 8.1 A		A	80 180	20 35	32 81			814 602	34 33	78 68					
	(3-way σιορ; westbound free)	EB		102 52	58 81	25	158		10.3	B	11.3	B	3.7	A	9.8 A		А	180	35	81			989	50	109	1 %		100	20	48
		WB		34	113	126	273		1.2	A	1.3	A	1.0	Α	1.2 A								70	20	26				الأشا	

Vehicle Queing Information (feet)

2030 Build Conditions - Design Road Access to TH 371 Closed

Item 3.

Page 1 of 1

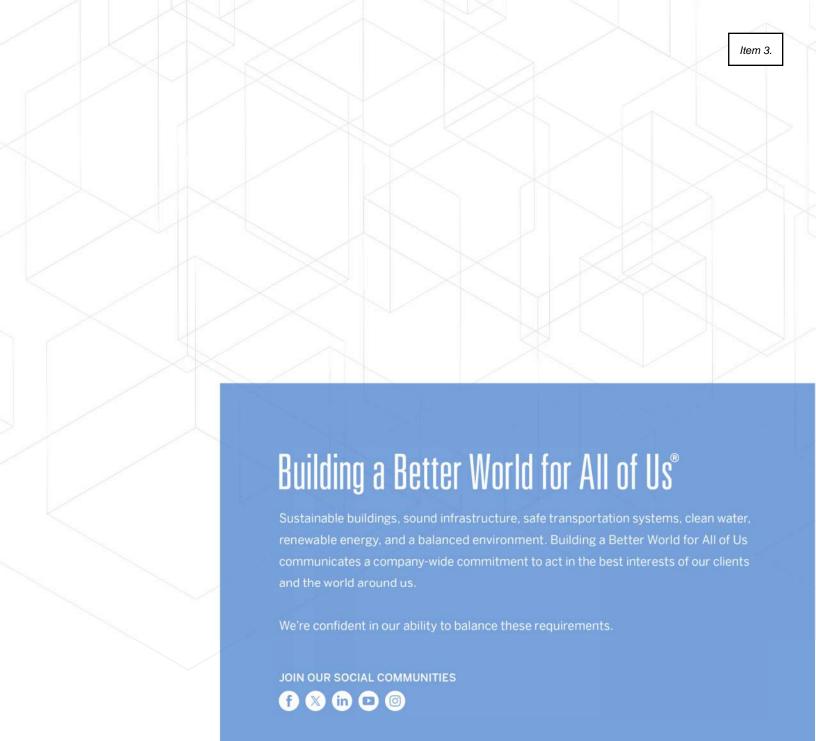
AM (7:30-8:30 AM), Midday (11:30 AM-12:30 PM), and PM (4:00-5:00 PM) Peak Hours Vehicle Queing Information (feet) LOS By LOS By Demand Volumes Delay (s/veh) Left Turn Lane Right Turn Lane Through Lane (s) Intersection Intersection Avg. Max % Block % Block Link Avg. Max % Block % Block Avg. Queue Max Storage Delay Delay Storage U R Total U LOS L LOS т LOS R LOS LOS LOS Queue Queue Queue Queue Queue 1 Т Thru (2) Loft (2) Length Right (2) Thru (2 (S/Veh) (S/Veh) (feet)3 (feet)3 (feet) (feet) (feet) 1 (feet) (feet) (feet) (feet) TH 371 at Excelsior Road (Signal) NR 205 911 88 1.204 54.2 15.2 В 4.1 21.0 260 134 266 2818 133 269 300 20 47 SB 42 1058 38 1,138 45.0 D 14.6 В 3.2 15.3 20.2 500 29 122 252 20 28 В 88 500 EB 61 74 215 350 39.1 D 40.2 D 19.4 B 27.2 С 190 39 115 321 44 134 190 72 179 45 170 WB 43 71 50 164 43.5 D 47.8 D 9.4 Α 34.3 C 170 32 89 895 103 20 59 TH 371 at Design Road NB 1022 1,022 0.0 (3/4 Access) SB 1138 1.138 0.0 #DIV/0! EB 0.0 WB 0.0 TH 371 at Clearwater Rd NB 835 31 1,022 1.3 A 0.4 A 2.8 575 126 760 490 20 (3/4 Access) SB 124 961 121 1,206 2.3 Α 1.5 2.8 Α 3.3 860 30 82 1497 20 20 30 500 177 8.7 177 8.7 WB 32 32 6.1 Α 6.1 495 20 44 Edgewood Dr at Excelsior Rd NB 0.0 Α (Single Lane Roundabout) SB 22 2.8 A 3.0 Α 4.1 Α 111 EB 1085 72 75 216 291 3.6 4.4 A 4.2 22 Α 45 155 2.8 A 4.9 4.1 WB 153 353 4.3 Edgewood Dr at Design Rd NR 30 33 63 49 A 5.9 A 5.4 Α 577 31 56 Α (3-way Stop) SB 46 90 136 6.2 Α 3.5 Α 4.5 Α 4.6 748 38 61 EB 19 17 36 4.5 A 2.8 3.8 564 21 52 WB 0.0 Edgewood Dr at Clearwater Rd NB 7 60 37 104 6.3 Α 8.6 Α 3.7 Α 6.7 80 20 25 814 24 52 SB 22 (3-way Stop; Westbound free) 43 31 19 93 7.1 Α 7.2 Α 3.2 6.4 Α 4.4 Α 180 49 602 24 51 EΒ 36 97 31 164 7.7 9.3 Α 4.2 8.0 989 42 94 100 20 40 WB 59 69 277 20 TH 371 at Excelsior Road (Signal) NB 290 1335 181 1,806 72.9 Ε 31.1 C 34.3 C 11.8 35.9 248 12 % 2818 319 603 7 % D SB 129 1222 24 1.375 89.3 9.1 38.9 D 41.8 500 117 254 894 270 477 500 20 31 EB 124 326 571 55.7 Ε 86.9 F 38.9 D 52.9 190 96 4 % 321 144 315 4 % 190 151 WB 229 149 154 532 62.8 Ε 77.7 Е 30.2 С 57.2 170 167 244 13 % 895 167 461 9 % 170 91 TH 371 at Clearwater Rd NB 292 1168 150 1.610 35.7 2.0 Α 0.9 Α 8.0 575 129 263 760 20 49 490 20 34 47 1075 3.4 A Α (3/4 Access) SB 177 156 1.408 16.0 C 2.6 4.9 Α 7.5 860 58 156 1/107 20 500 20 EB 300 300 13.6 В 13.5 В 35 47 133 WB 14.7 Edgewood Dr at Excelsior Rd NB 0.0 3.7 A Α 4.2 Α (Single Lane Roundabout) SB 353 86 439 3.8 Α 0.6 Α 3.8 682 26 82 EΒ 164 232 54 A 5.5 1085 36 103 5.6 WB 54 85 203 342 2.6 A 4.6 3.7 A 3.8 Edgewood Dr at Design Rd NB 51 71 122 5.5 A 6.9 6.3 577 39 69 Α Α SB 92 5.4 (3-way Stop) 91 183 6.8 3.9 Α 5.4 Α 748 43 68 62 5.0 A EB 47 109 3.5 4.3 564 33 62 WB 0.0 Edgewood Dr at Clearwater Rd NB 23 137 93 253 13.5 В 28.3 D 21.6 С 24.6 С 80 20 16 % 814 80 234 SB D 23.3 C 14.8 В 65 153 2 % (3-way Stop; Westbound free) 136 61 34 231 33.6 10.9 R 4.9 Α 180 602 42 120 D Е FB 71 27 156 25.2 35.0 7.4 Α 26.9 989 69 211 10 % 100 23 119 WB 228 61 159 448 1.3 1.5 Α 1.0 1.2 70 20 61 TH 371 at Excelsior Road (Signal) NB 256 1496 159 1,911 63.9 31.9 12.0 34.6 13 % 2818 327 656 9 % E C В 260 219 6 % 66 420 6.7 С D SB 102 1179 25 1,306 81.6 32.9 37.2 398 29.5 Α 500 88 186 894 236 500 20 32 FR 118 107 300 525 51.8 D 77.6 E 32.5 С 46.0 D 190 85 2 % 321 107 296 2 % 190 139 241 WB 188 134 153 475 55.3 64.0 32.2 50.3 170 136 236 5 % 1 % 895 118 306 4 % 1 % 170 78 203 TH 371 at Clearwater Rd NB 266 1356 145 1,767 27.6 D 2.0 Α 1.0 5.8 575 105 235 760 20 490 20 40 Α (3/4 Access) SB 144 1042 133 1.319 18.0 C 3.1 2.4 4.6 A B 6.6 860 58 135 1497 20 500 20 41 FB 117 264 264 11.8 R 35 66 79 183 WB 195 195 20.8 C 20.8 495 Edgewood Dr at Excelsior Rd NB 0.0 SB (Single Lane Roundabout) 329 113 442 3.7 0.4 Α 3.7 Α 3.7 Α 4.2 Α 682 29 82 Α EΒ 69 165 234 4.2 5.2 Α 4.9 Α 1085 34 91 WB 31 128 191 350 28 A 4.8 Α 40 A 4.2 Edgewood Dr at Design Rd NB 30 59 89 6.6 6.3 577 Α 33 66 105 (3-way Stop) SB 81 186 6.7 3.8 5.5 5.4 748 43 71 67 5.0 A 70 98 4.5 Α 564 FB 31 3.5 34 WB 0.0 Α Edgewood Dr at Clearwater Rd NB 32 132 81 245 8.5 15.9 С 9.9 13.0 В 80 57 4 % 814 53 144 (3-way Stop; Westbound free) SB 102 58 30 190 17.5 С 9.4 Α 4.3 Α 12.8 В 8.4 Α 180 45 113 602 36 85 81 С В EB 52 25 158 14.2 В 17.6 5.3 14.4 989 53 142 2 % 100 20 65 Α 113 WB 70

NOTES:

NOTES 1. If the reported queue is greater than zero (0), but less than 20 ft, a minimum of 20 ft is reported.

2. Block Percentage is proportion of analysis time (1 hour) the storage lane or through lane is blocked or blocking.

3. Multiple storage lanes of different length are averaged together to show the "Effective Storage Length" per lane



WIDSETH

City of Baxter Land Use Application Form (Page 3 continued)

Project Narrative

Essentia Health wishes to expand their present operations in Baxter by repurposing the vacant Camping World building, located at 14275 Edgewood Drive, Baxter, MN. Essentia Health intends to remodel approximately 67,980 s.f. of the existing 110,459 s.f. available with this building into a musculoskeletal center which will include services such as diagnostics, treatment, expanded and enhanced imaging, therapy, rheumatology, pain and assorted support. The remodel project will provide approximately 42,479 s.f. of vacant space for future growth. The existing parking area will be reconfigured to provide clear wayfinding, vehicular and pedestrian safety, a pharmacy drive-through and upgrades to the existing landscaping that will align with the City of Baxter's requirements and Essentia Health's intent for landscaping to provide an enhanced environment of wellness for visitors while beautifying an existing development within the community.

To accommodate this project, Essentia Health requests to modify an existing PUD for this property through a PUD General Plan and a PUD Final Plan application. Flexibility afforded by the amended PUD is requested to allow for repurposing the site and building, and to accommodate the pharmacy drive-through. The building exterior will be enhanced with new materials to reflect the local vernacular and incorporate Essentia Health's high standards for their exterior building aesthetics. The existing pylon signage will be refaced to include Essentia Health's branding and there will be signage on the building to identify the main entrance, pharmacy drive-through and assist with wayfinding.

The planning and design process to date has included several review meetings with City staff to develop an appropriate approach to repurposing an existing vacant site and building. These meetings included discussions regarding previous PUD approvals, site access agreements, number of employees, hours of operation, site circulation, exterior building aesthetics, landscaping upgrades and maintaining pedestrian connectivity that align with local and regional initiatives put forth by the City of Baxter. Essentia Health is aware of the existing access easements and are noted on the ALTA Survey that is included as part of this application.

BITUMINOUS SURFACE

PROPOSED CONSTRUCTION LINES

FENCE CHAIN LINK PROPOSED

FENCE BARB WIRE PROPOSED

SANITARY SEWER PROPOSED

SANITARY SERVICE PROPOSED

STORM SEWER DRAIN TILE PROPOSED

STORM SEWER PROPOSED

WATERMAIN PROPOSED

SILT FENCE TYPE HEAVY DUTY

— ws — ws — WATERMAIN SERVICE PROPOSED

BALE CHECK

- * MS * MS * MS SILT FENCE TYPE MACHINE SLICED

SILT FENCE TYPE PREASSEMBLED

RANDOM RIPRAP

HYDRAULIC STABILIZER

EROSION CONTROL BLANKET

SOD

SEED

HATCH PATTERN AND SHADING LEGEND

BIO ROLL

FENCE WOOD PROPOSED

FORCEMAIN PROPOSED

EROSION CONTROL LINES

****** SILT FENCE

-O-BIO**-O**-BIO-

+ + +

CONCRETE SURFACE **GRAVEL SURFACE**

EASEMENT PATTERN



EXISTING UTILITY MUNICIPAL SYMBOLS (cont.)

STORM MANHOLE BENCH MARK

SURVEY MONUMENTS

FOUND CIM

FOUND CPNT.

FOUND JLM

FOUND LATH

FOUND READING

STAKED CIM

STAKED CPNT.

STAKED JLM

STAKED PIPE

EXISTING TOPO SYMBOLS

○ FENCE POST

FLAG POLE

GUARD POST

GUY ANCHOR

L HANDICAP SYMBOL

→ → SIGN DOUBLE POST

→ SIGN SINGLE POST

では TREE DECIDUOUS

<u>₩</u> WETLAND SYMBOL

YARD LIGHT

EXISTING UTILITY MUNICIPAL SYMBOLS

⊗ SANITARY CLEANOUT

□ STORM CATCH BASIN

SANITARY MANHOLE

****** TREE CONIFER

○ TV DISH

APRON

LIFT STATION

- GUY POLE

▼ MAILBOX

SHRUB

AC UNIT

• SOUND PIPE

- 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
- **E ELEC PEDESTAL**

© ELEC POLE

- **ELEC SIGNAL**
- ELEC TRANSFORMER BOX
- **GAS METER**

GAS VALVE

- LP TANK
- TELE HANDHOLE
 - TELE MANHOLE

 - TELE POLE
 - TV HANDHOLE
 - □ TV PEDESTAL

SOIL BORING SYMBOLS

- LASER-INDUCED FLUORESCE BORING
- LYSIMETER
- ⊚^{MW} MONITOR WELL
- ●PT PERC TEST
- **₽**PZ PIEZOMETER
- RECOVERY WELL
- OSB SOIL BORING
- △^{VP} SOIL VAPOR POINT
- △^{VS} 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 HYDRANT PROPOSED

- WATER CURB STOP PROPOSED

- □ WATER SLEEVE PROPOSED
- ₩ATER 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 (2 POST)
- TYPE III BARRICADE
- O DRUM CHANNELIZER
- ••• FLASHING ARROW OR MESSAGE BOARD

EXISTING TOPOGRAPHIC LINES

- CENTER LINE _____
- EDGE OF WOODS
- FENCE BARB WIRE —X——X——X——X—
 - 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

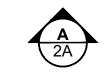
R/W, LOT & EASEMENTS LINES

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

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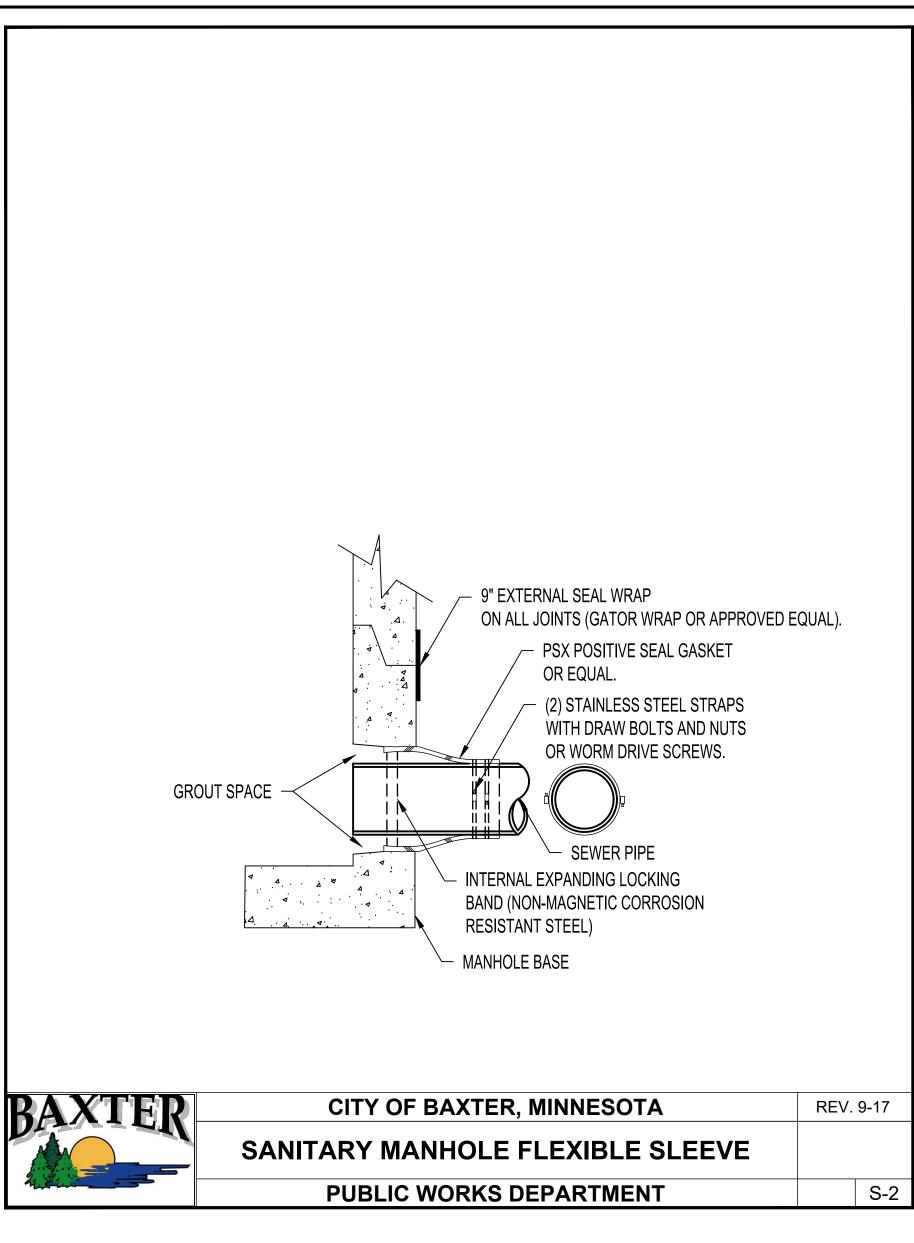
RIGHT OF WAY PROPOSED

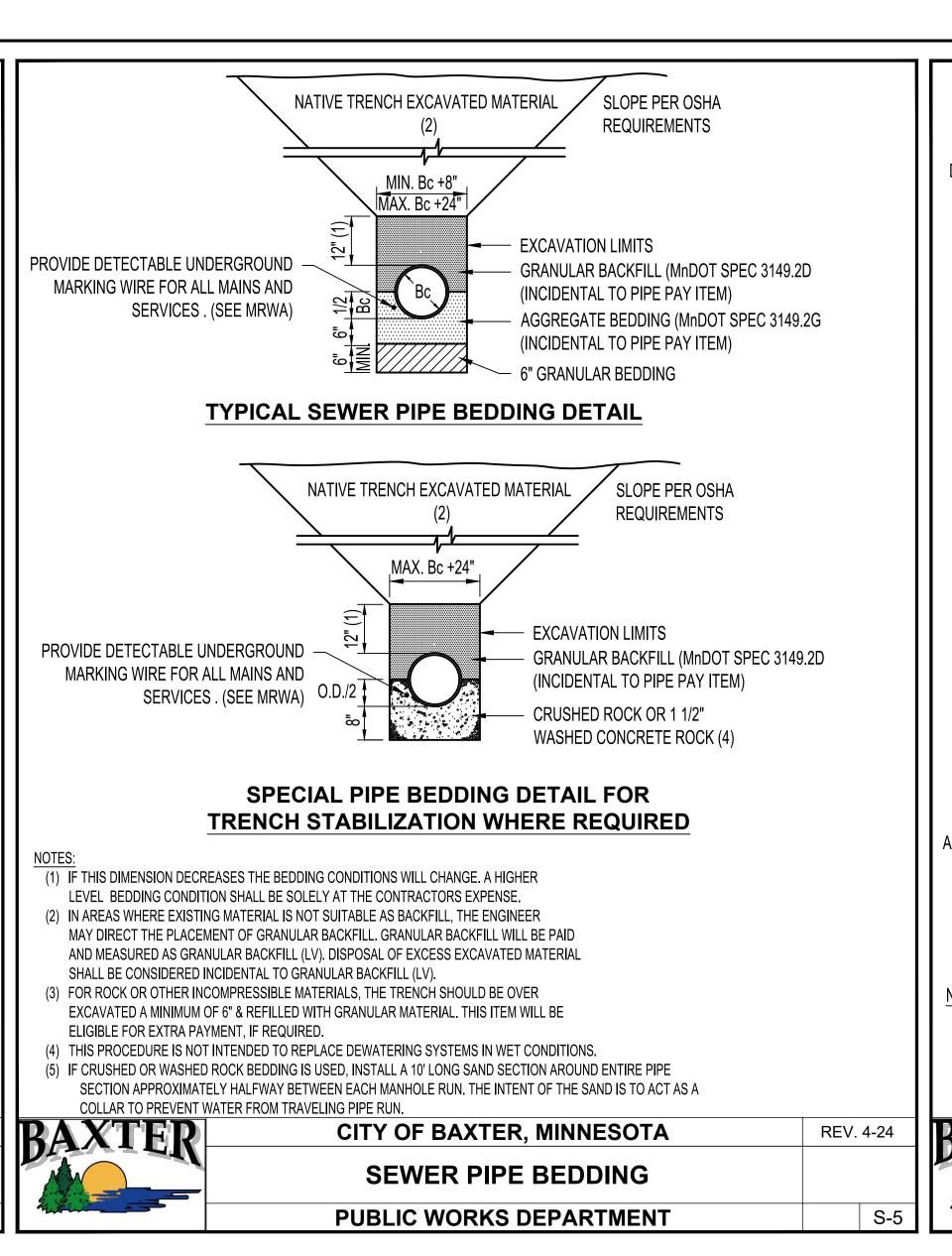
DOCUMENTATION SYMBOLS

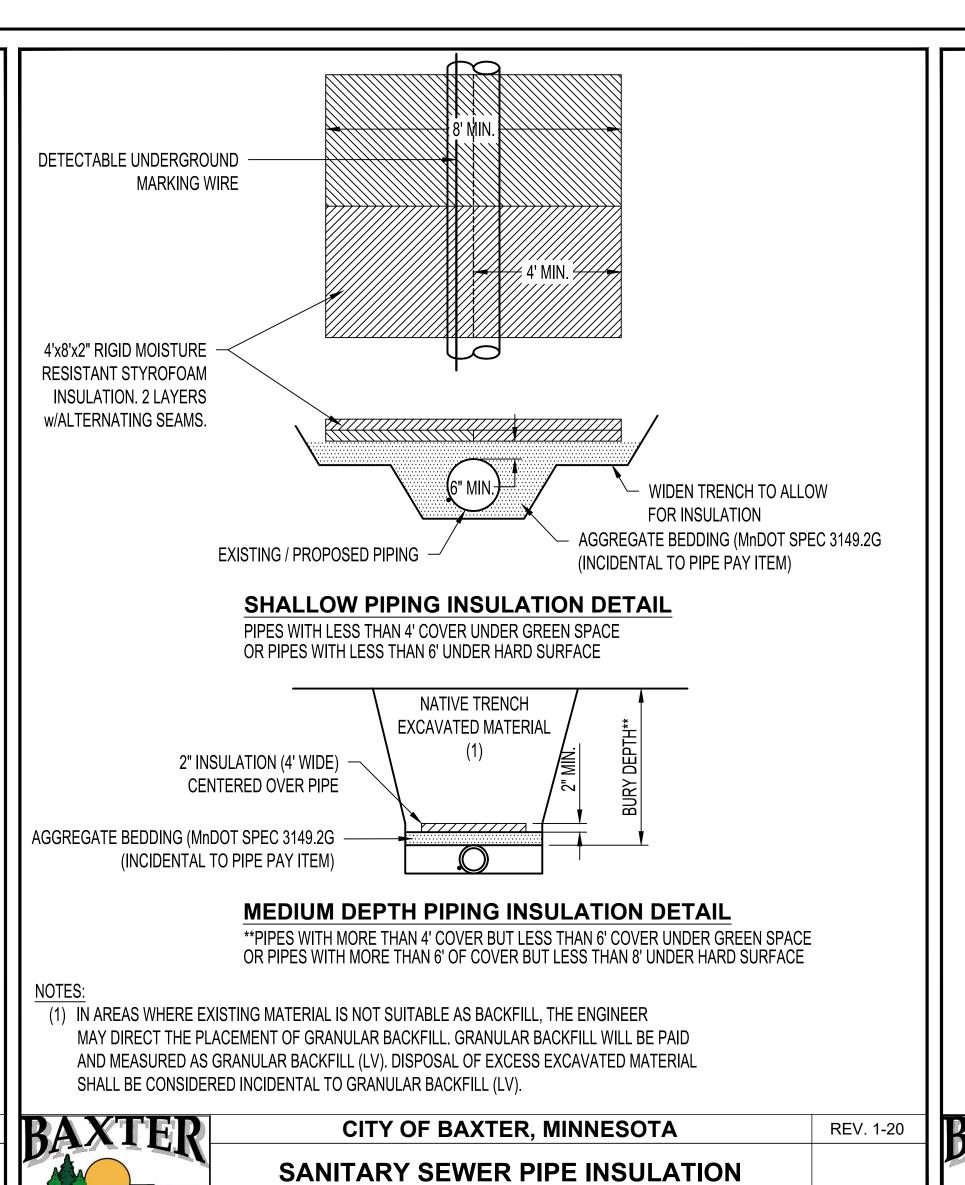


SECTION ARROW -SECTION NUMBER TOP; PAGE OF SECTION BOTTOM

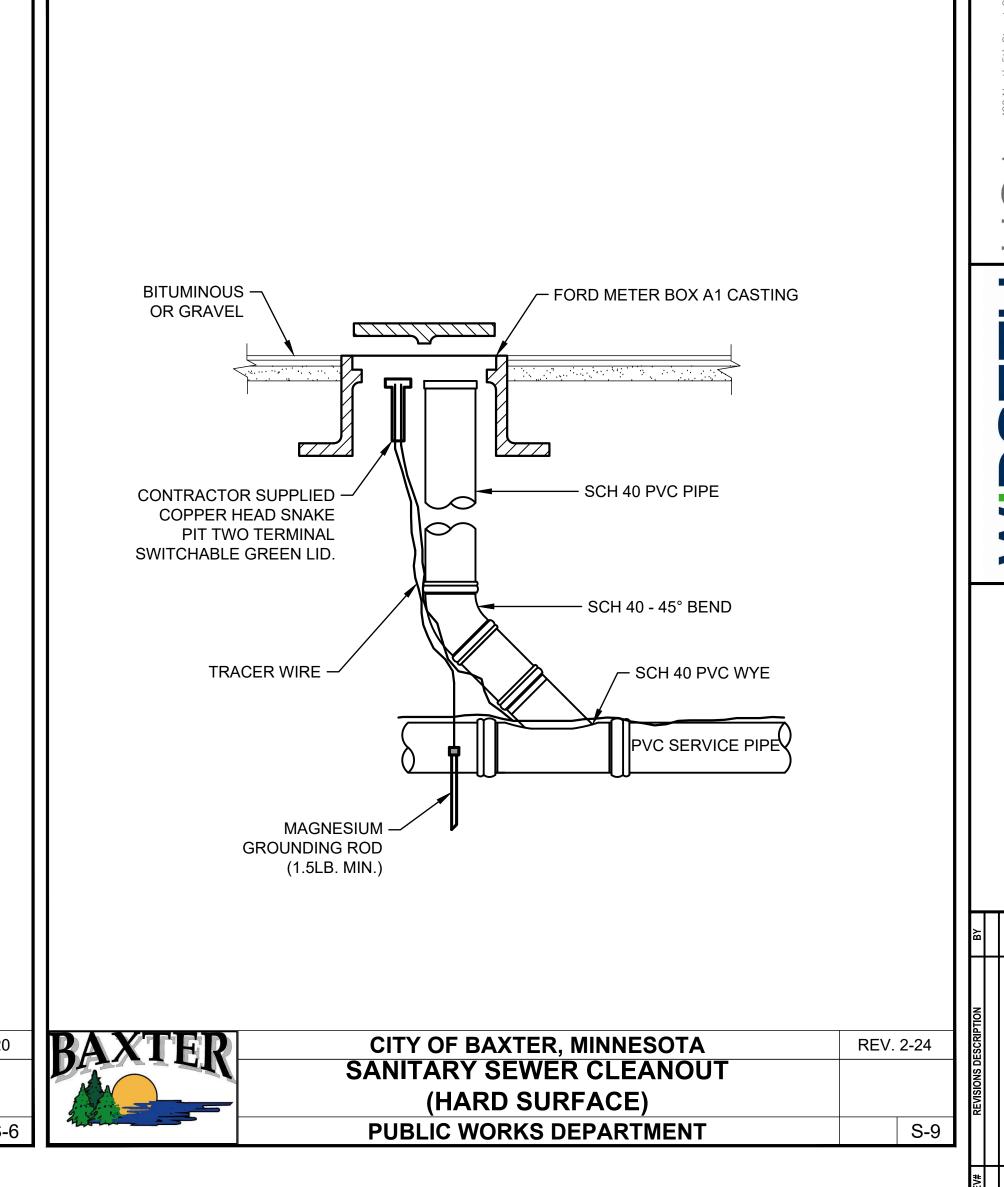
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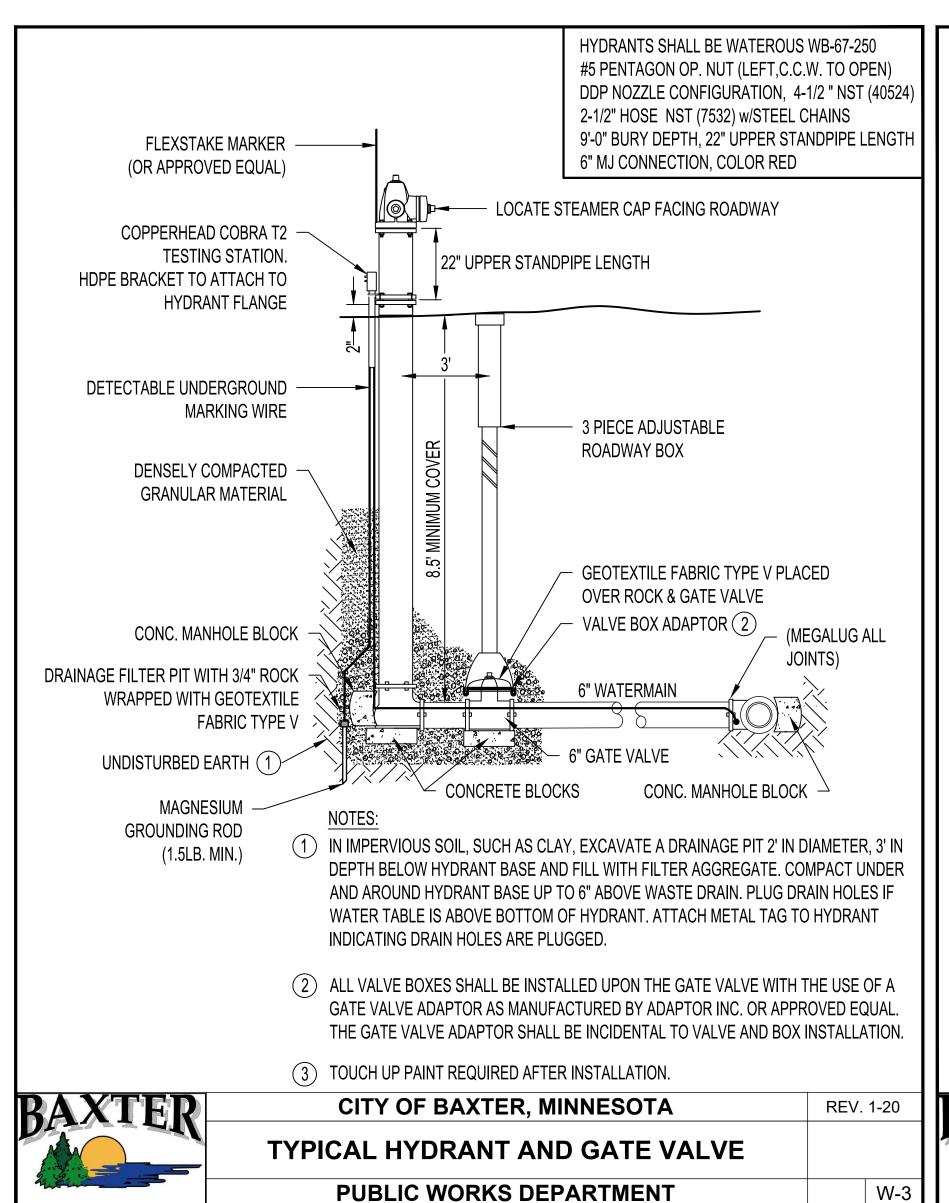


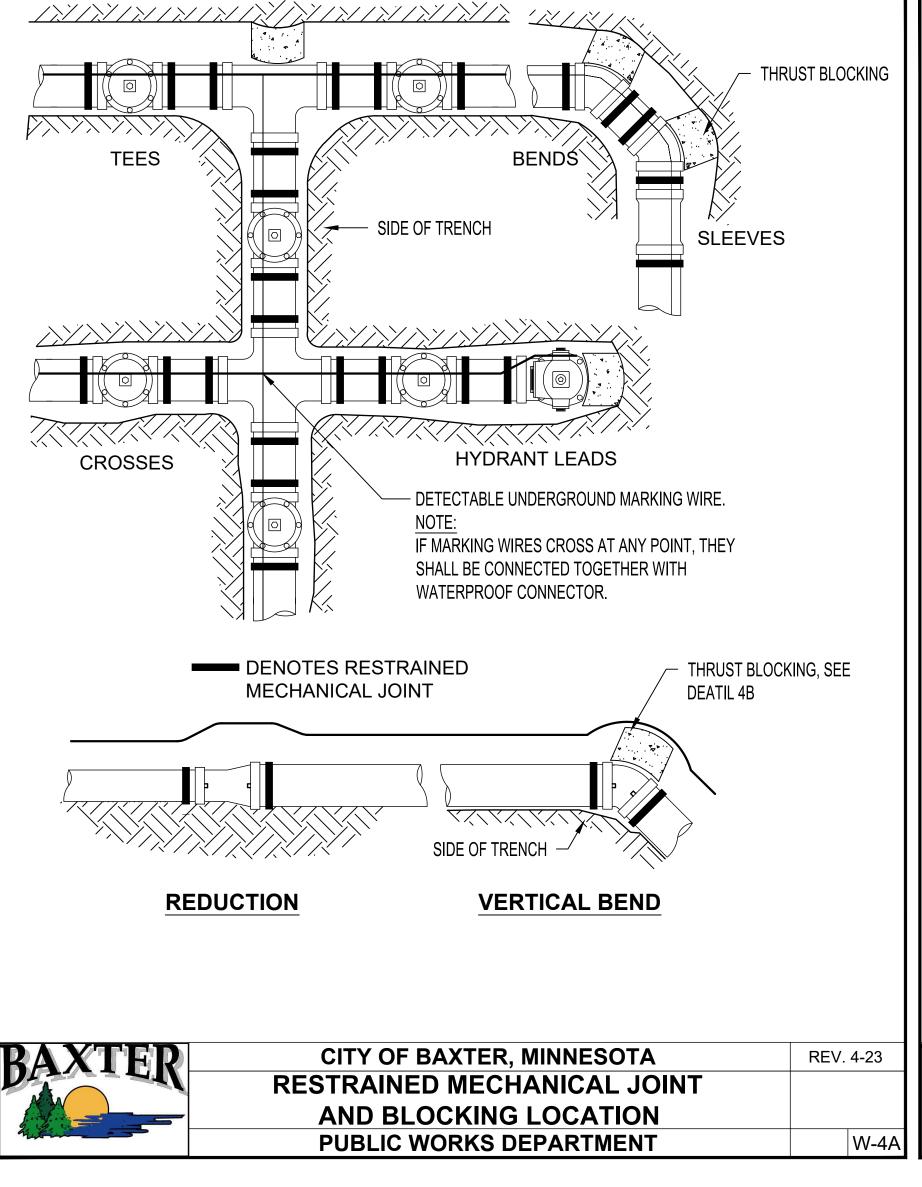


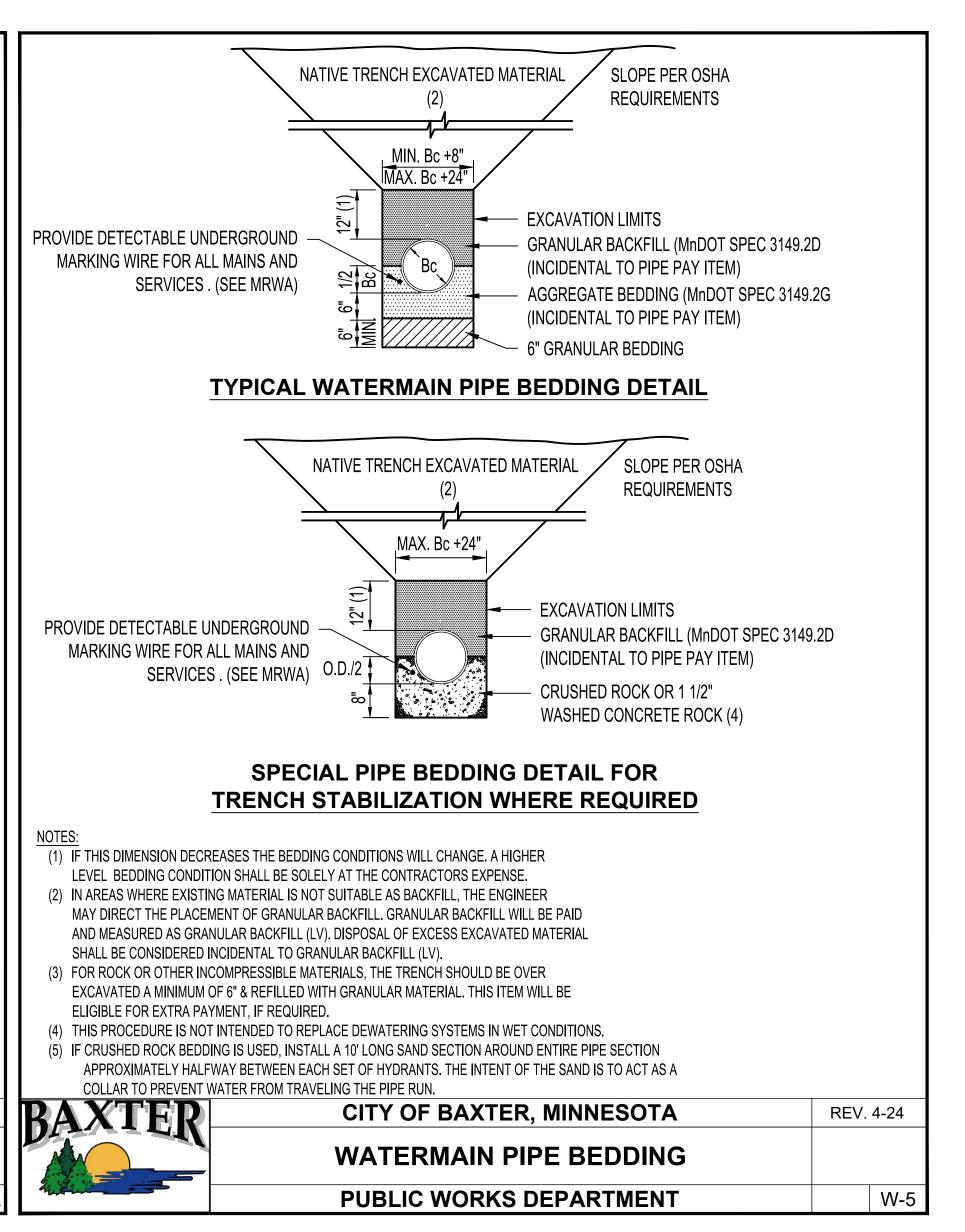


PUBLIC WORKS DEPARTMENT



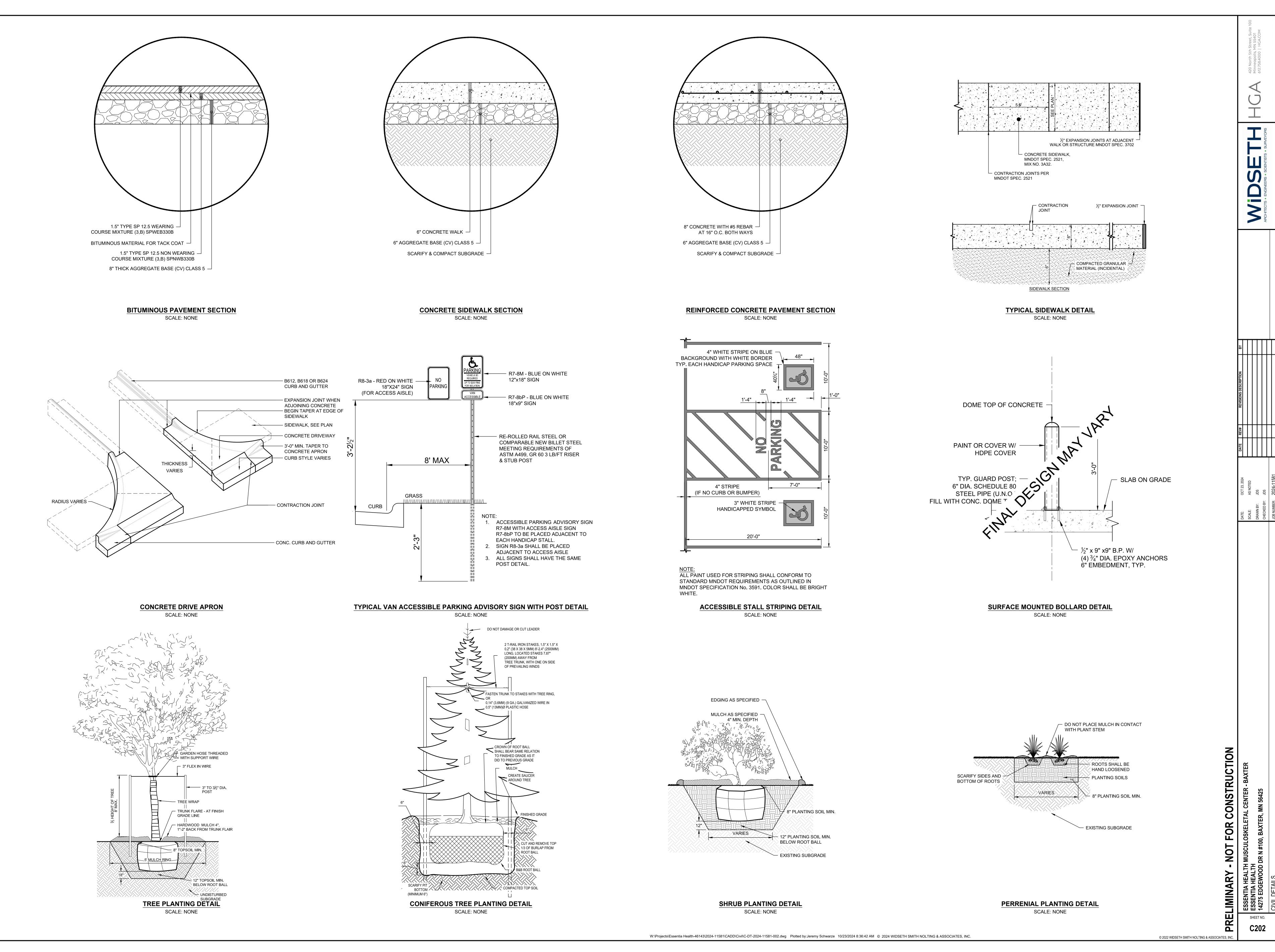


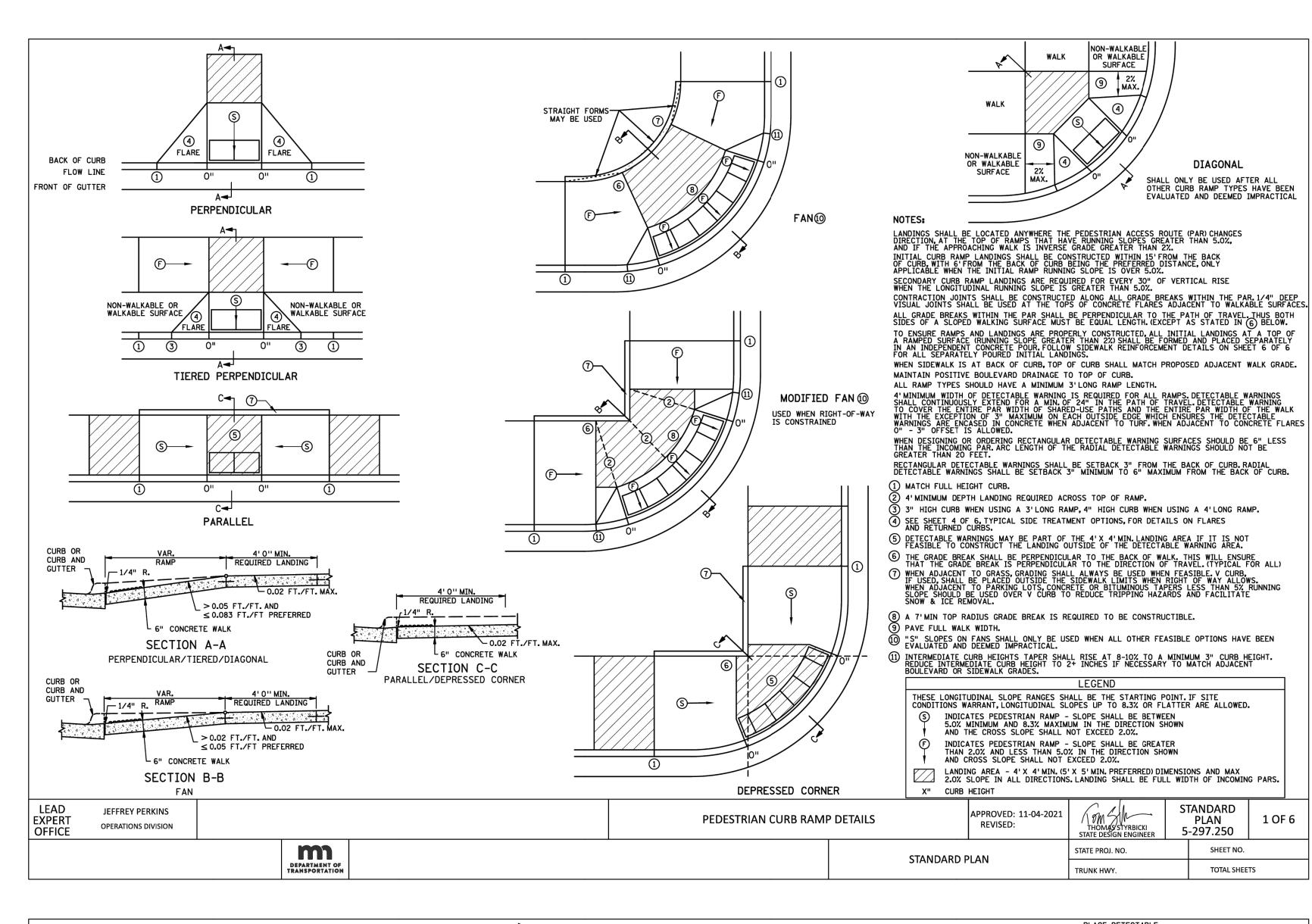


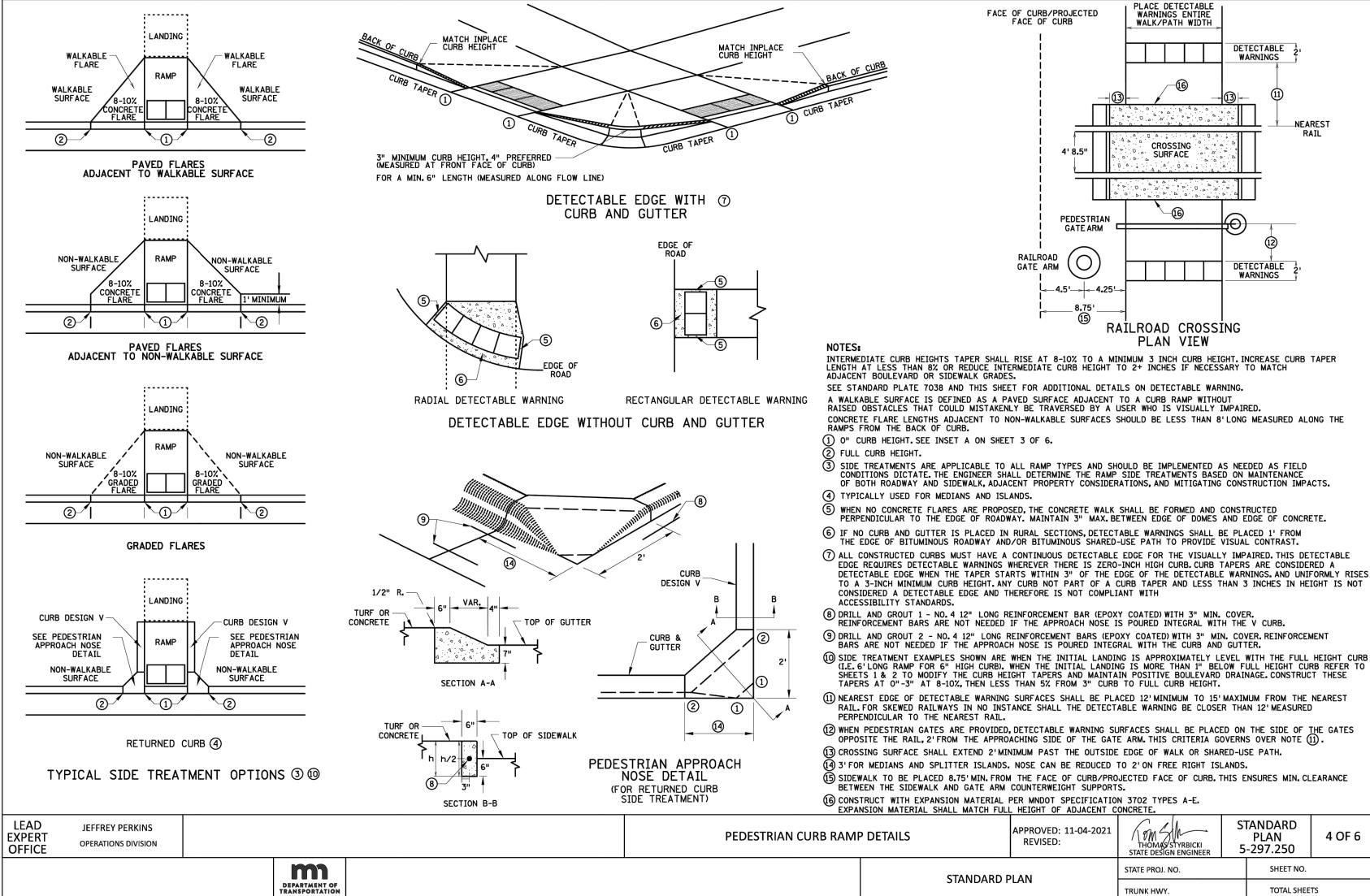


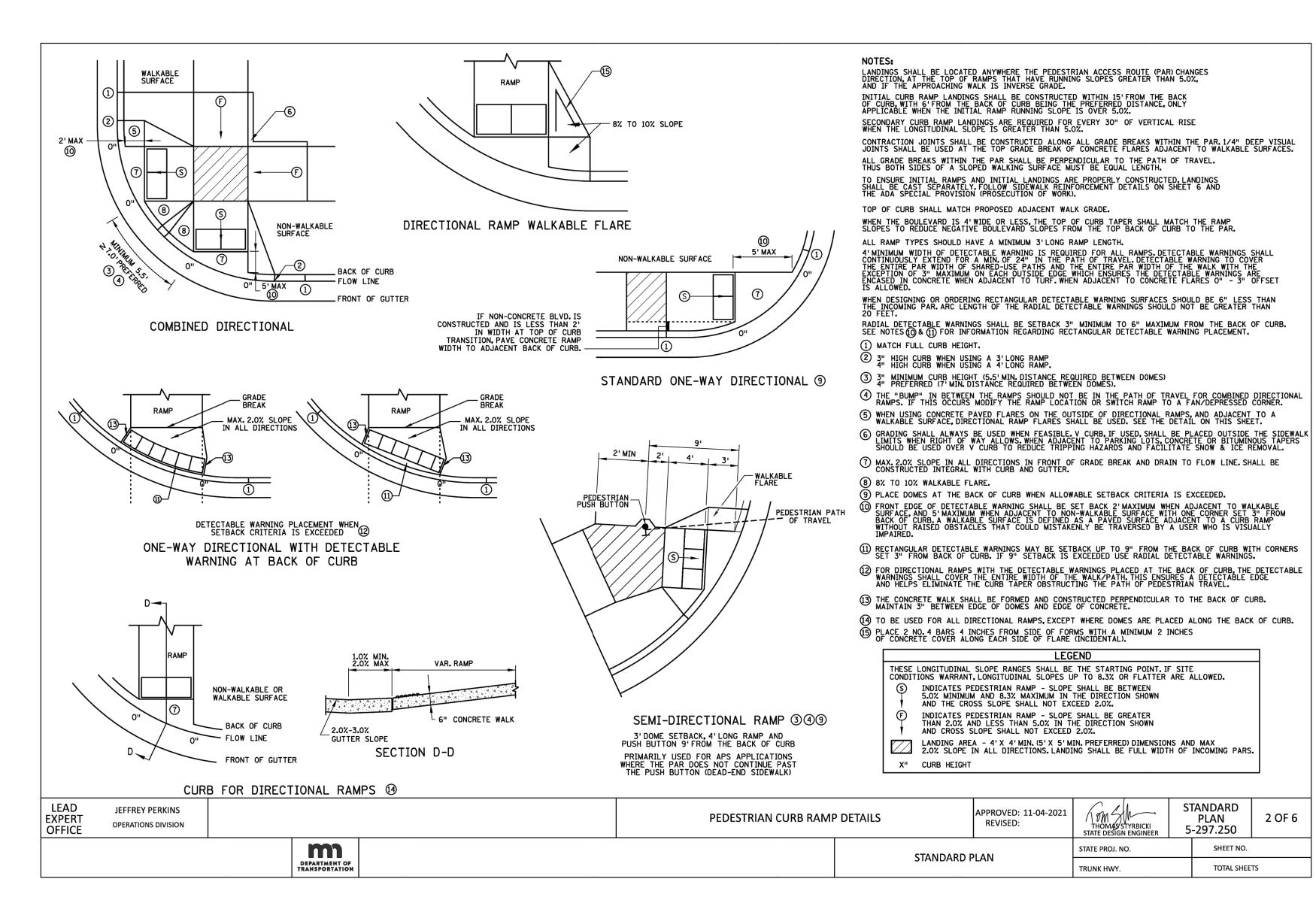
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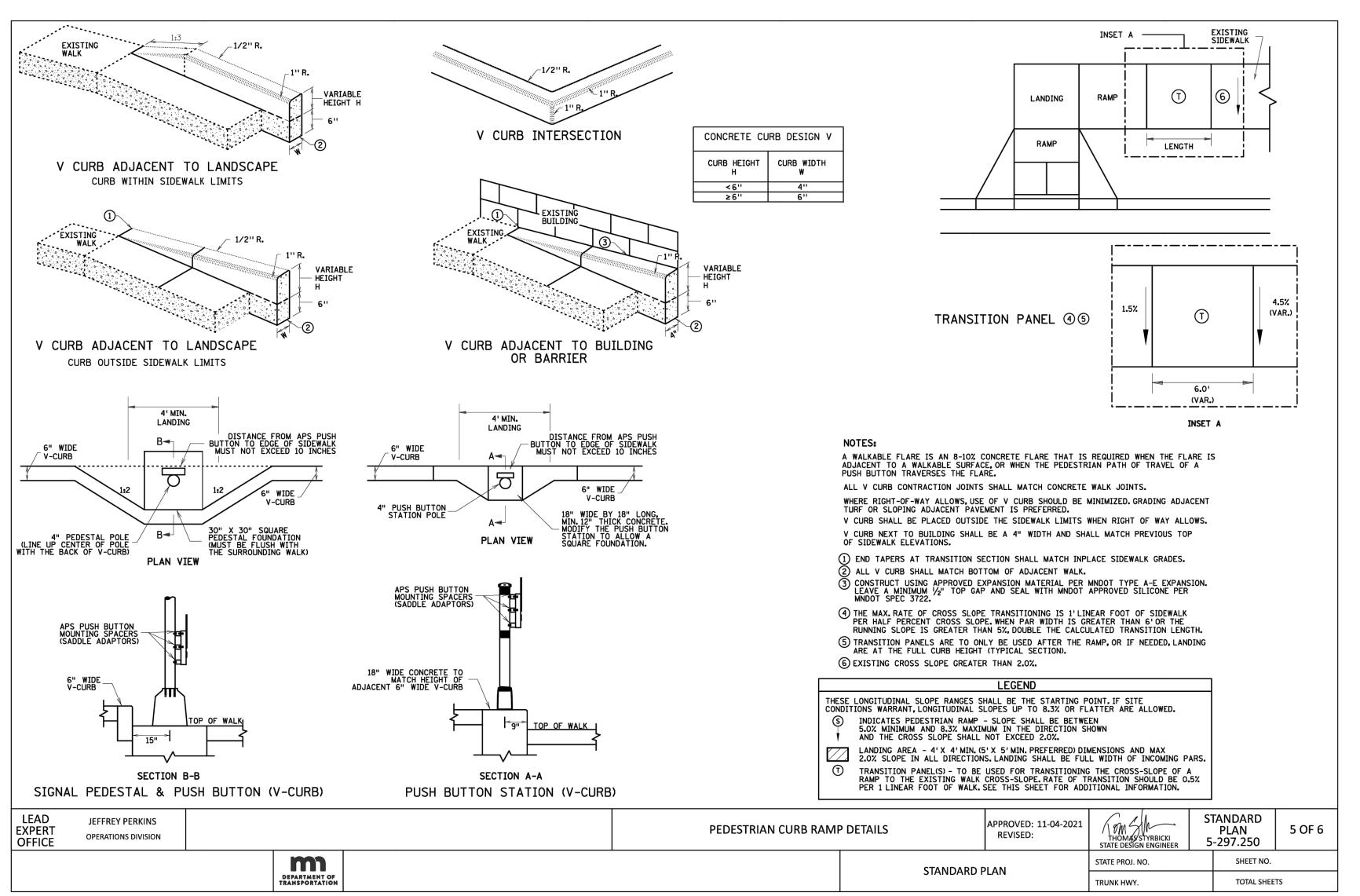












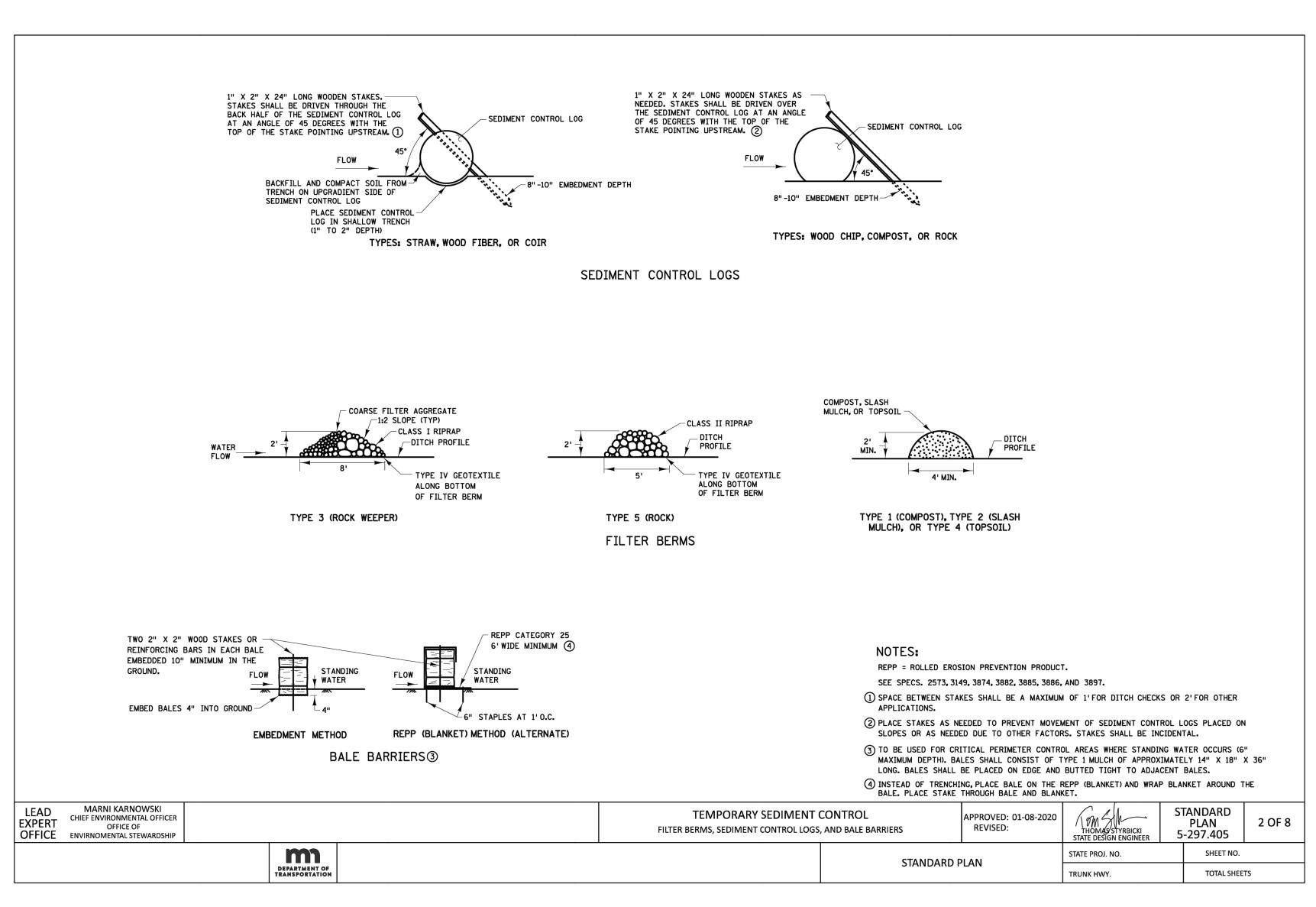
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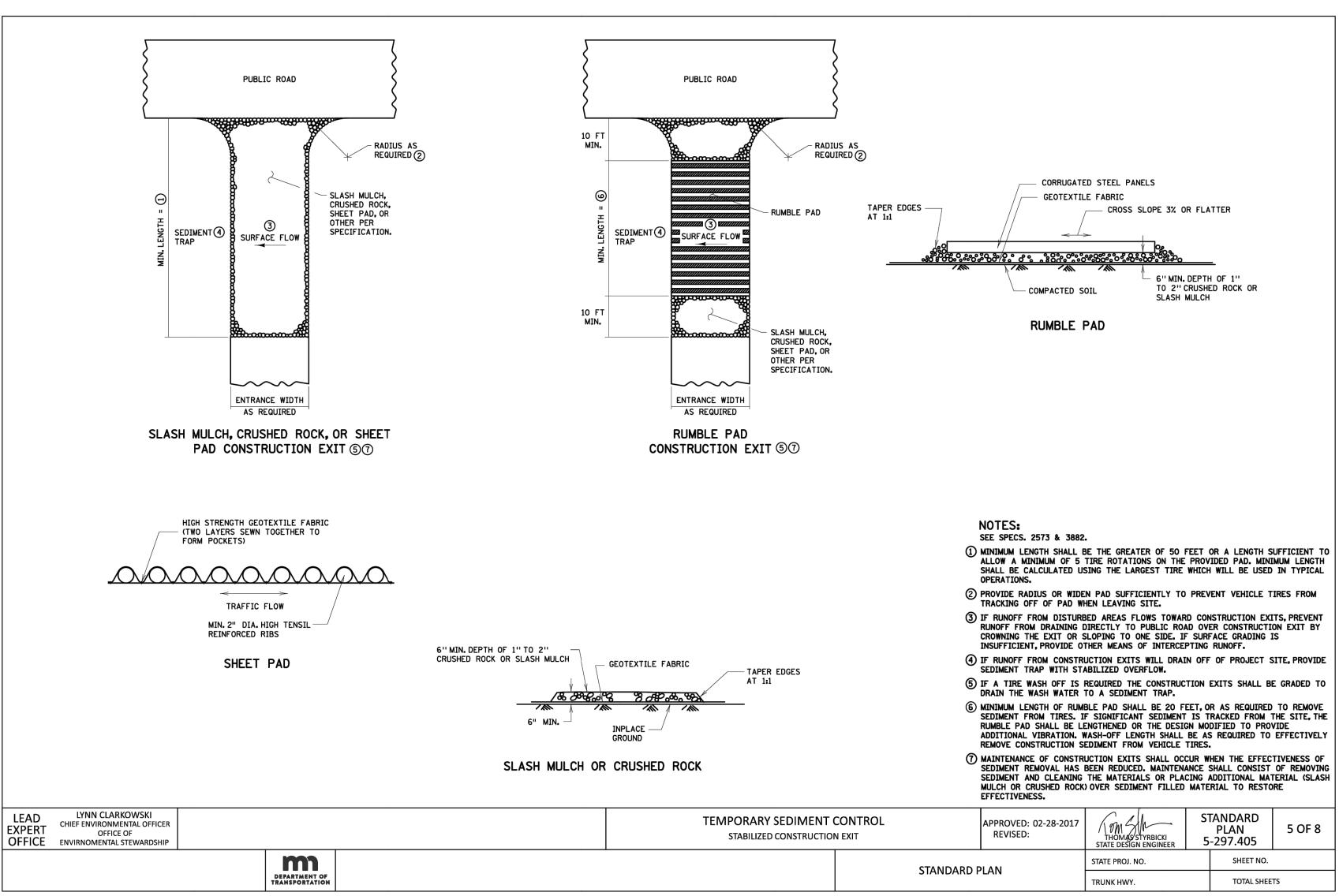
ANDARD PLAN 297.250
SHEET NO.
TOTAL SHEETS

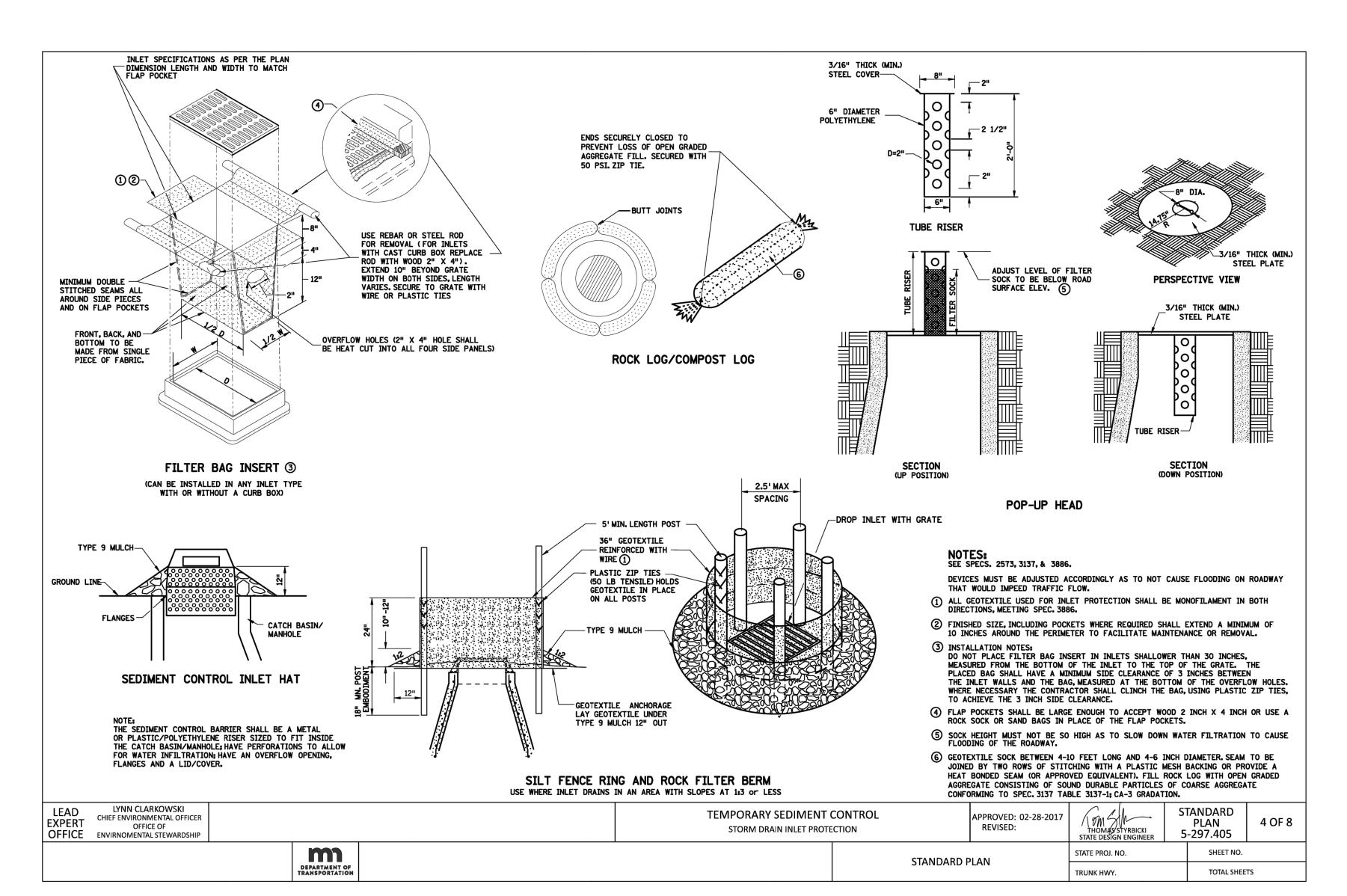
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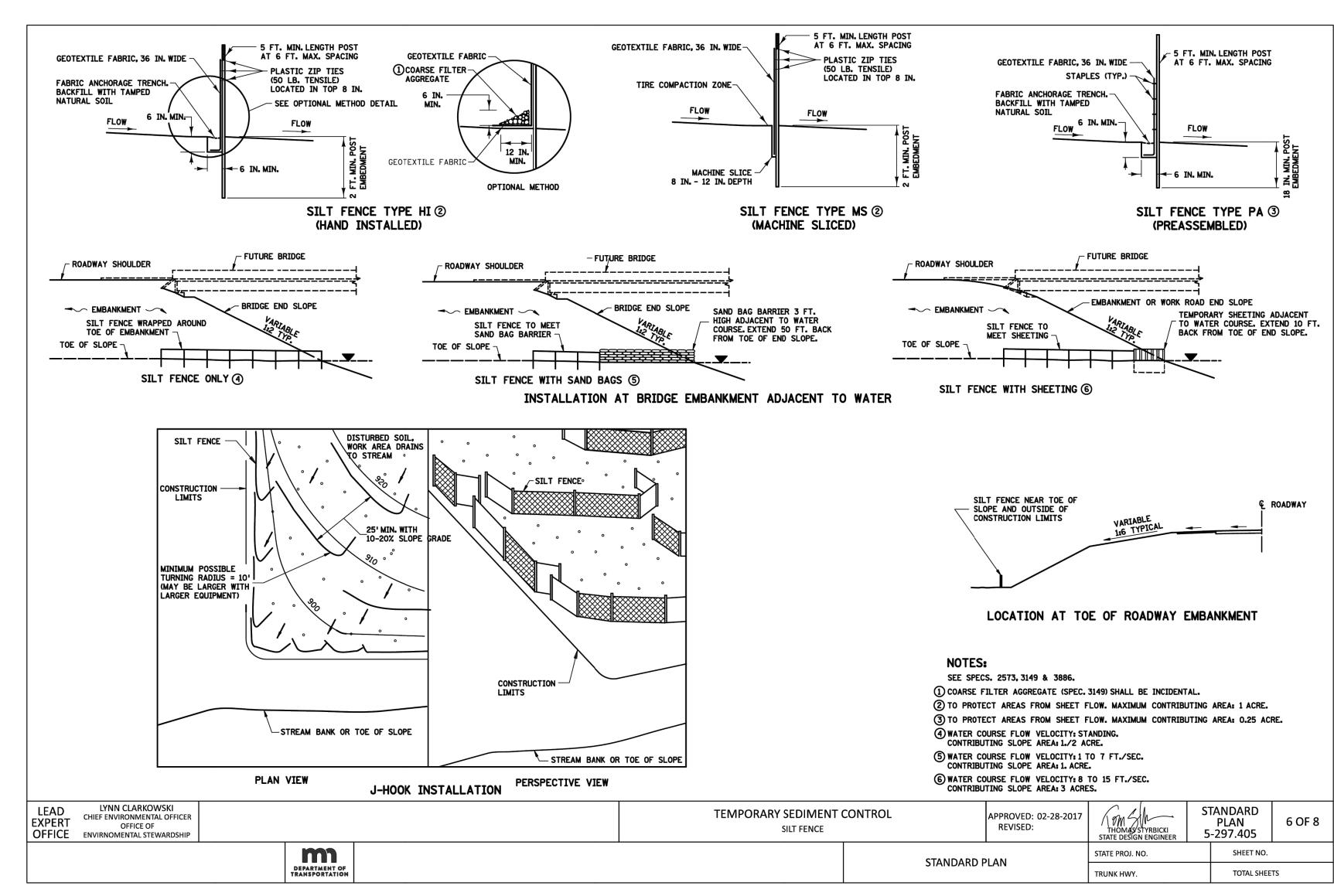
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ESSENTIA HEALTH ML
CONTROLL DETAILS

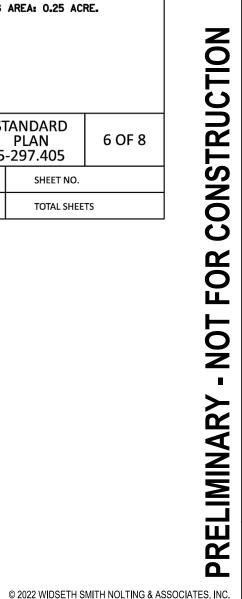








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Project Location (address/city, township/county, lat/long): City of Baxter, MN (Crow Wing County)

Project Description (type of construction, phases, timelines, potential for sediment/pollutant discharge):

This project includes the redevelopment of an existing site for a proposed healthcare center. The existing site includes a 119,190 square-foot building, parking lot, storm water detention basins, adjacent wetlands, and other urban infrastructure. The proposed project will include reconstructing the building as well as parking lot improvements.

The overall grading and storm water runoff will remain relatively unchanged. Runoff will be directed to existing storm water basins and eventually adjacent wetlands and municipal storm sewer.

Seeding, mulch, and fertilizer will be used for temporary and permanent stabilization. Flocculants and other chemicals are not anticipated to be used on this project.

Total acres of disturbed area = 10.0 acres Pre-construction acres of impervious surface = 9.5 acres

Post-construction acres of impervious surface = 9.2 acres Total new acres of impervious surface = -0.3 acres (net decrease)

RECEIVING WATERS

This project does not include any impaired or special waters within one mile of the project area. However, Nokasippi River and adjacent wetlands have the potential to receive storm water runoff. This project will not require a permanent storm water management system but will include temporary and permanent methods to minimize erosion and sedimentation.

Wetland areas will be protected with double row silt protection, which may include silt fence, bioroll, or earthen berms. Drainage ditches and construction exits will be established where needed. All disturbed areas will be covered with turf (seed, mulch, and fertilizer).

PROJECT CONTACTS

Site Manager / Contractor's Erosion Control Supervisor: Essentia Health **Training Dates:** Contact Name: Address: Instructor(s: Content/Hours: Phone: Email: BMP Installer: Contractor: To be determined **Training Dates:** Contact Name: Instructor(s: Content/Hours: Address: Phone: Email: Dale Sova 218-316-3934 Jeremy Schwarze, PE dale.sova@state.mn.us 704 E Howard St Hibbing, MN 55746 State Duty Officer 218-274-6058 800-422-0798 651-649-5451 jeremy.schwarze@widseth.com (UMN Erosion and Stormwater Management Design of

SOILS INFORMATION:

Construction SWPPP certification - expires May 31, 2027)

According to the NRCS Web Soil Survey, soils on site primary consist of D53B Lougee-Barber-Guida complex (0-6% slopes) and D70A Barber-Urban land complex (0-3% slopes).

CONSTRUCTION PRACTICES TO MINIMIZE STORM WATER AND OTHER POLLUTANT CONTAMINATION:

• Each contractor on site is individually responsible for maintaining a clean and safe work environment. • Stockpiles should be constructed away from slopes and natural drainage ways and have sediment controls at the base. Collected solid waste, sediment, asphalt and concrete millings, floating debris, paper, p[lastic, fabric, construction

demolition debris, and other wastes must be disposed of properly and must comply with MPCA disposal requirements.

 No construction materials can be buried on site. • Licensed sanitary waste management handler must dispose of sanitary waste.

Fertilizers must be stored in covered locations.

Restricted access to chemical storage areas must be provided to prevent vandalism.

• All chemicals must be stored in locked containers when not in use. • Oil, gasoline, paint, and other hazardous substances must be properly stored, including secondary containment, to prevent

spills, leaks, or other discharges.

• Storage and disposal of hazardous waste must be in compliance with MPCA regulations. • Vehicles must be monitored for leaks and preventative maintenance scheduled.

• Spill kits must be available during equipment fueling and maintenance operations.

 External washing of construction vehicles must be limited to a defined area of the site. Runoff must be contained and waste properly disposed of. No engine degreasing is allowed on site.

• Asphalt substances must be applied according to manufacturers recommendations. • Spray guns must be cleaned on removable surfaces such as tarpaulins.

• Contractor/ECS must make a spill response plan before the application of any chemical that may be harmful to the

• All spills must be reported immediately. Spill clean-up materials must be available on site. Material shall include but not limited to brooms, mops, rags, gloves, absorbent material, sand, plastic and metal containers. Spills that reach storm

sewer conveyance systems connected to public waters must be immediately reported to the State Duty Officer. Contractor must control weeds on the entire project site.

• Form release oil must be applied over a pallet covered with absorbent material to collect excess fluid. The absorbent

material shall be replaced when saturated. Dust control must be provided as conditions warrant.

• If this project is not stabilized before winter conditions, it shall be the contractor's responsibility to ensure sediment does not reach public waters. A written plan of this activity shall be presented to the engineer one month prior before expected project shut-down for the season occurs. This plan shall include dates of BMP employment, duration of BMPs employed,

and schedule of subsequent BMPs employed. • All liquid and solid wastes generated by concrete washout operations must be contained in a leak-proof containment facility or impermeable liner. The liquid and solid wastes must not contact the ground and not runoff from the concrete washout operations area. A sign must be installed adjacent to the washout facility to inform concrete equipment operators to utilize the proper facilities.

SWPPP AMENDMENTS

1.	
2.	
3.	
4.	
5.	

EROSION CONTROL SUPERVISOR REQUIREMENTS:

The contractor must identify an Erosion Control Supervisor (ECS) who is knowledgeable and experienced in the application of erosion and sediment control Best Management Practices (BMPs). The ECS must work with the contractor to oversee and implement the SWPPP and the installation, inspection, and maintenance of erosion and sediment control BMPs before, during, and after construction.

The contractor/ECS is required to comply with all applicable training requirements of the NPDES permit. The permittee(s) shall ensure that employees are properly trained with certification proof. The contractor/ECS shall develop a chain of responsibility with all operators on the site to ensure that the SWPPP will be implemented and stay in effect until the project site has undergone permit termination.

The contractor/ECS must routinely inspect the entire construction site at least once every seven days during active construction and within 24 hours after a rainfall event greater than 0.5 inch in 24 hours. The contractor/ECS shall take immediate action to eliminate any deficiencies found during these inspections. Inspections, maintenance, and documentation must be in accordance with the NPDES permit. Copies of the inspection records must be submitted to the

The contractor/ECS must amend the SWPPP as necessary to include additional requirements, such as additional or modified BMPs, designed to correct problems or address situations in accordance with the NPDES permit. The contractor shall have a petroleum release plan and have all necessary materials on hand to implement the plan. All employees shall be trained in implementation of the plan. The MPCA must be informed of any petroleum spills greater than five gallons.

TMDL IMPLEMENTATION PLANS CONTAINING STORM WATER REQUIREMENTS: No TMDL Implementation Plans are currently available for the project's receiving waters.

LONG TERM MAINTENANCE:

Long term maintenance of the permanent storm water management system will be performed by the owner. Sedimentation basins shall be inspected and maintained annually and cleaned and restored to design grade after one half the storage volume has been filled with sediment. Inlets and outlets shall be monitored and repaired for any erosion or defects that may develop.

SEDIMENT AND EROSION CONTROL PRACTICES: The contractor/ECS is responsible for the sediment and erosion control practices contained in the NPDES permit. Sediment control practices must be installed on all down gradient perimeters before any up gradient land disturbing activities begin. These practices must remain in place until Permit Termination Conditions have been established.

The timing of installation of sediment control practices may be adjusted to accommodate short-term activities, such as clearing and grubbing or passage of vehicles. Short-term activities must be completed as quickly as possible, and practices must be installed immediately after the activity is completed. However, these practices must be installed before the next precipitation event even if the activity is not complete.

Temporary sediment control devices for this project will primarily include the following:

Silt fence for primary perimeter control Biorolls for secondary perimeter control Storm drain inlet protection Stabilized construction exits

The contractor/ECS must plan for, and implement, appropriate construction phasing, vegetative buffer strips, horizontal slope grading, and other construction practices that minimize erosion. The location of areas not to be disturbed must be delineated (marked) on site prior to construction.

All disturbed/exposed soil areas must be stabilized as soon as possible to limit soil erosion but in no case later than <u>seven</u> days after the construction activity in that portion of the site has temporarily or permanently ceased.

Temporary erosion control shall consist of the following:

Seed mixture 21-111 at 100 lbs per acre Fertilizer type 1 (10-10-20) at 200 lbs per acre Mulch type 1 at 2 tons per acre

All storm drain inlets must be protected by appropriate BMPs during construction until all sources with potential for discharging to the inlet have been stabilized. Inlet protection may be removed if a specific safety concern has been identified and the procedure as described in the NPDES permit is followed.

Temporary soil stockpiles must have silt fence or other effective sediment controls and cannot be placed in surface waters, including storm water conveyances such as curb and gutter systems or ditches.

Vehicle tracking of sediment from the construction site must be minimized by BMPs such as stone or wood chip pads, concrete or steel wash racks, or equivalent systems. Street sweeping with collection must be used if such BMPs are not adequate to prevent sediment tracking.

Dewatering related to the construction activity must comply with the NPDES permit. Dewatering discharge that may have turbid or sediment laden discharge must be discharged to a temporary or permanent sedimentation basin on the project site whenever possible, and BMPs must be implemented to prevent water containing sediment or other pollutants from being discharged to surface waters or downstream properties.

Contractor may construct temporary sedimentation basins in accordance with the NPDES permit.

The normal wetted perimeter of any temporary or permanent drainage ditch or swale that drains water from any portion of the construction site, or diverts water around the construction site, must be stabilized within 200 lineal feet from the property edge or from the discharge into any surface water. Stabilization must be completed within 24 hours after connecting to surface water.

Pipe outlets must be provided with temporary or permanent energy dissipation within 24 hours after connecting to a surface

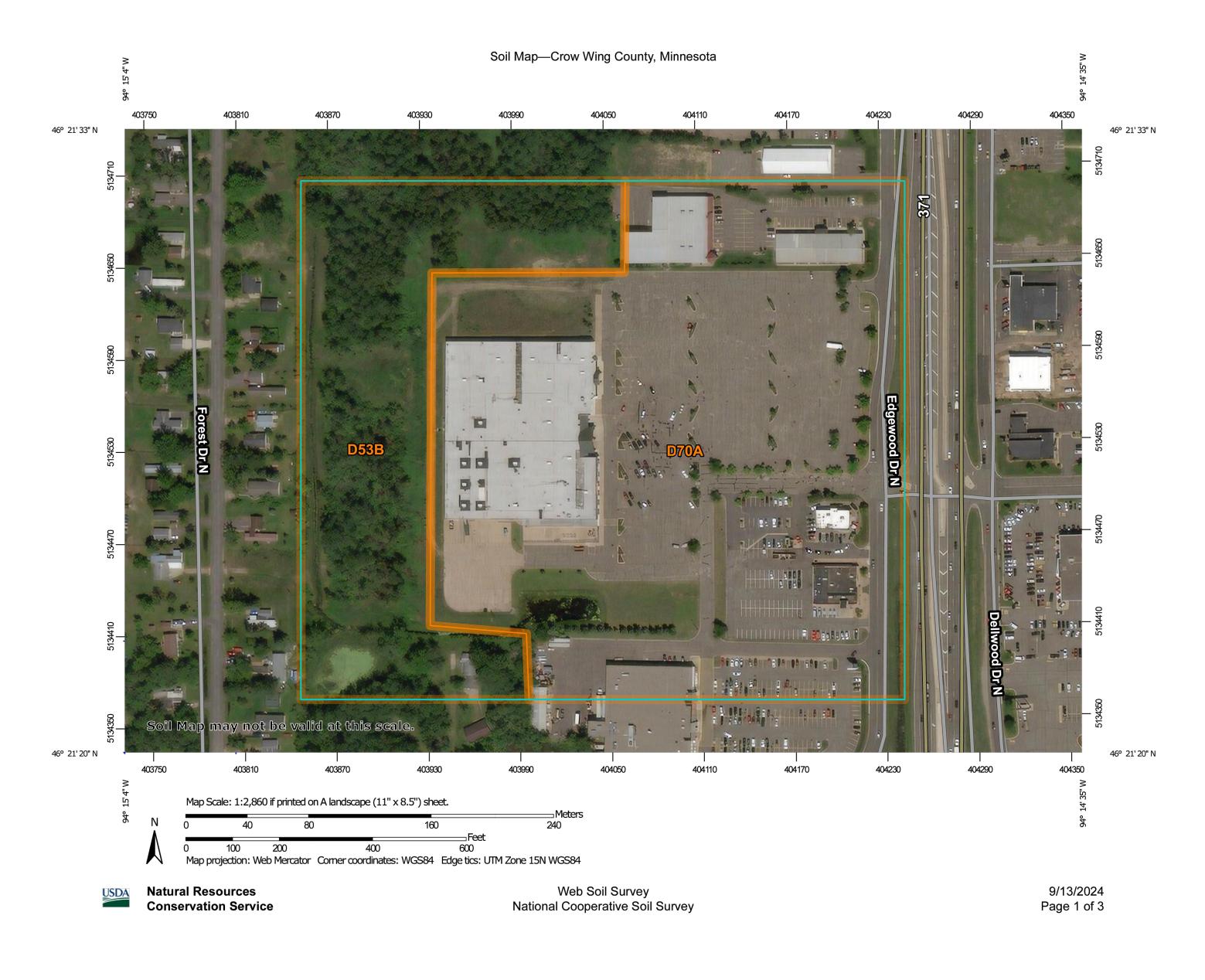
Permanent erosion control shall consist of the following:

Seed mixture 25-131 at 220 lbs per acre Fertilizer type 1 (20-10-20) at 350 lbs per acre Mulch type 1 at 2 tons per acre

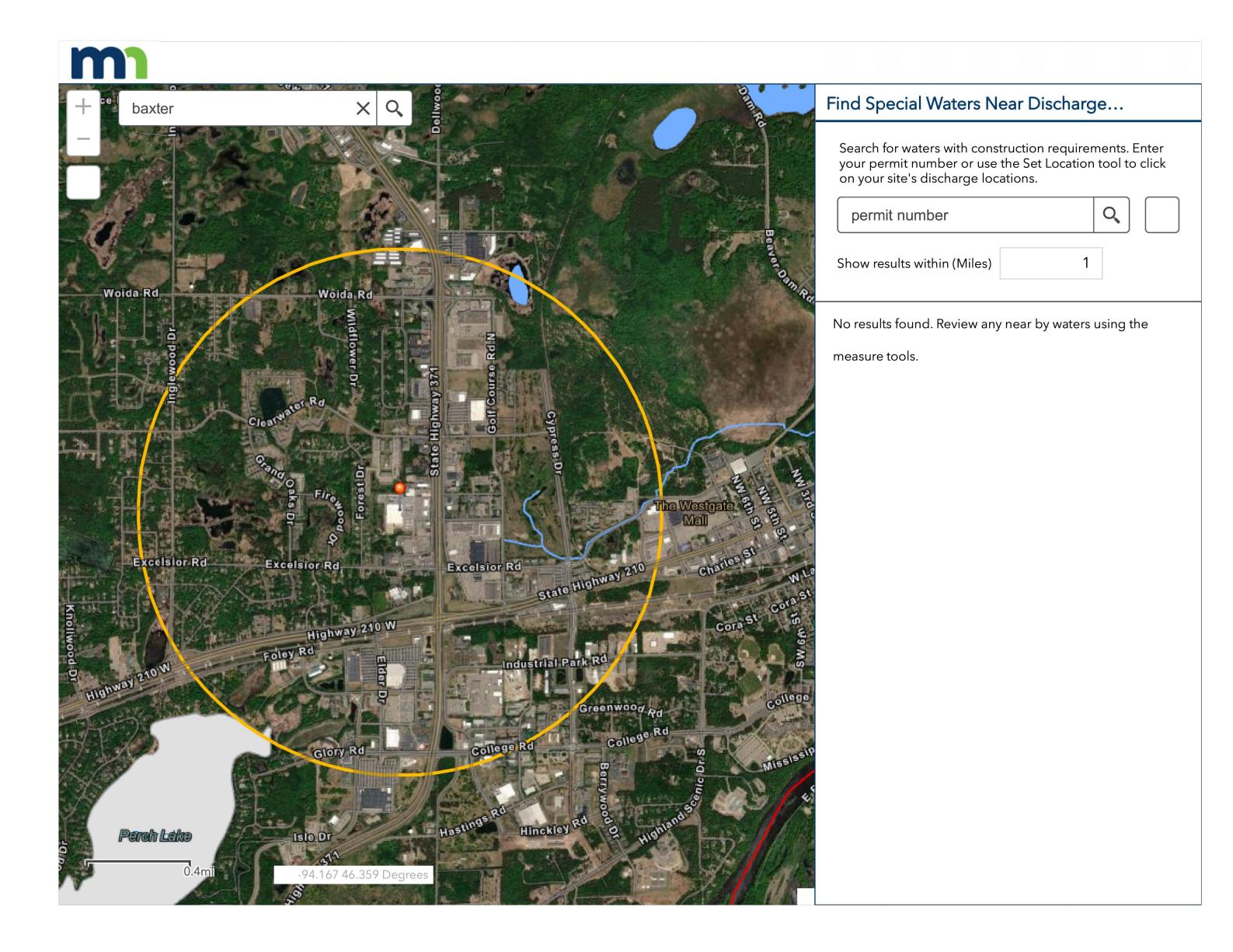
SUMMARY OF OTHER SWPPP REQUIREMENTS IN PROJECT PLANS

SOMMANT OF OTHER SWITT REQUIREMENTS IN TROJECT LANS				
DESCRIPTION	SHEET NAME	SHEET NUMBER		
Construction limits and project phasing	GRADING PLAN	C601		
Existing and final grades, direction of flow	EROSION CONTROL PLAN	C701		
Locations of impervious surfaces	SITE PLAN	C501		
Standard erosion control construction details	CIVIL DETAILS	C204		
Locations and types of all temp. and perm. erosion prevention and sediment control BMPs	EROSION CONTROL PLAN	C701		
Estimated quantities of erosion control items	EROSION CONTROL PLAN	C701		

WEB SOIL SURVEY MAP



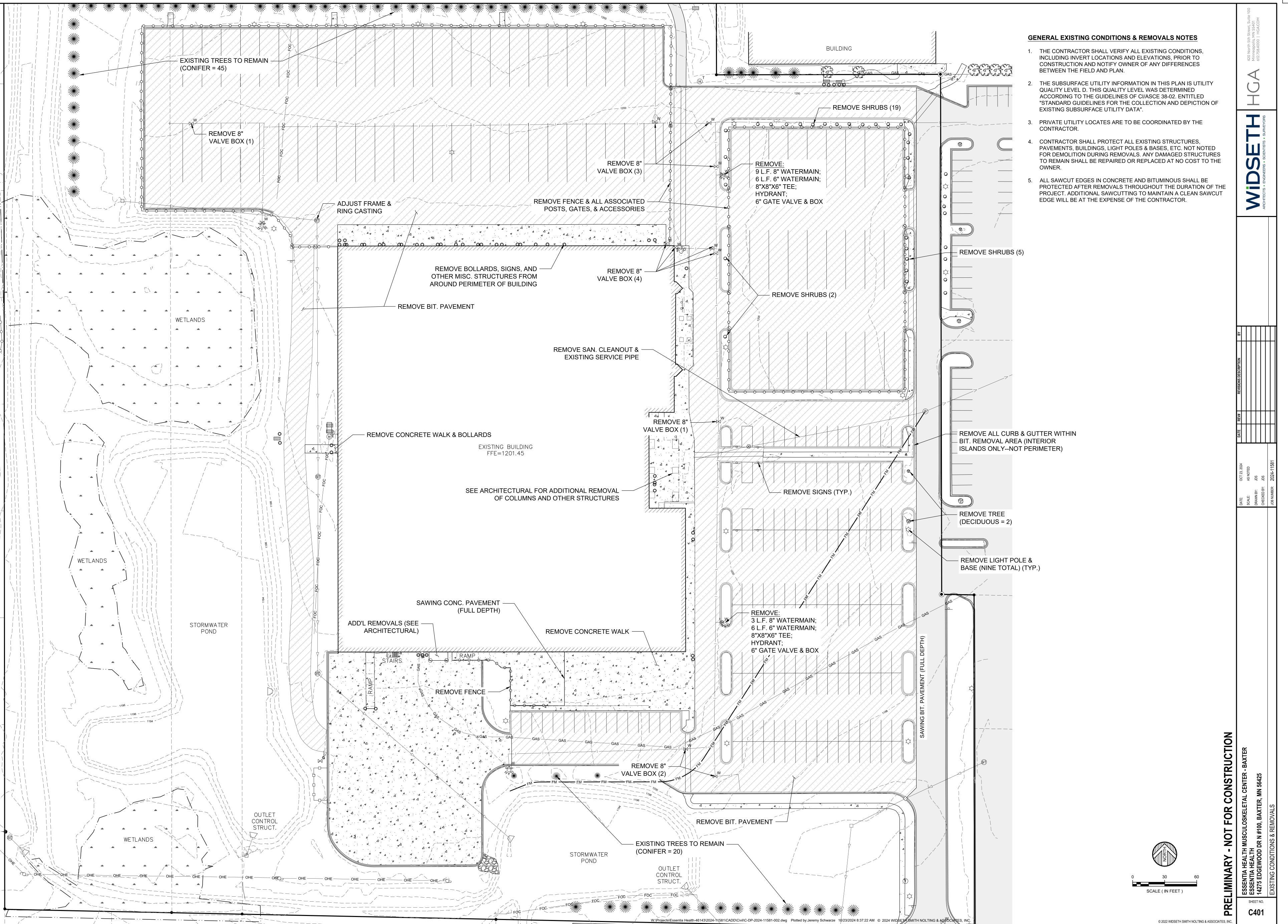
SPECIAL/IMPAIRED WATERS SEARCH



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TION



GENERAL SITE PLAN NOTES

SIDEWALK

CURB CUT & CONCRETE
 SWALE FOR DRAINAGE

BUILDING

CONC. CURB & GUTTER

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FUTURE PARKING

√------

DES. B618 (TYP.)

FUTURE PARKING

24.00' 23.93'

STORMWATER POND

WETLANDS

· ____ · · ___ · · ___ · · ___ · · ___ · · ___ · · ___ · · ___ · · ___ · · ___ · · ___ · · ___ · · ___ · · ___

CONTROL STRUCT. - PROPOSED

- REINFORCED

CONC. PAVEMENT

FUTURE PARKING, AAA

BIT. PAVEMENT

CONC. SIDEWALK —

BOLLARDS (TYP.) -

EXISTING BUILDING FFE=1201.45

FIVE STANDARD PASSENGER

VEHICLE STACKING

STORMWATER POND

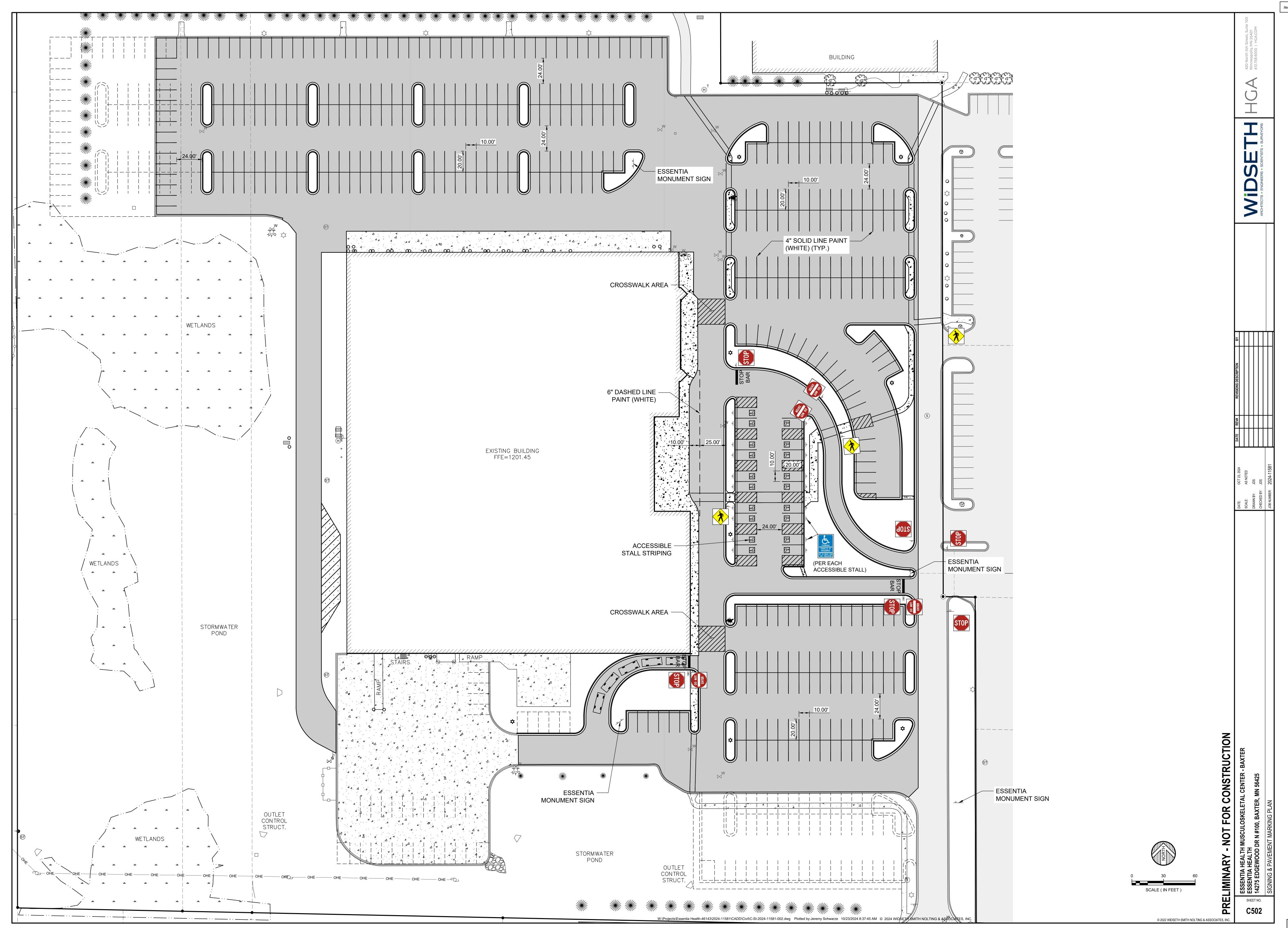
CONTROL

- 1. THE CONTRACTOR SHALL RECEIVE THE NECESSARY PERMISSION/PERMITS FOR ALL WORK LOCATED OUTSIDE OF THE MUNICIPAL RIGHT-OF-WAY AND PROPERTY LIMITS.
- 2. 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".
- 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.
- 4. ALL RADII DIMENSIONS INDICATE THE BACK OF CURB, UNLESS OTHERWISE NOTED.
- 5. ALL PEDESTRIAN WALKWAYS SHALL MEET ADA ACCESSIBILITY REGULATIONS.

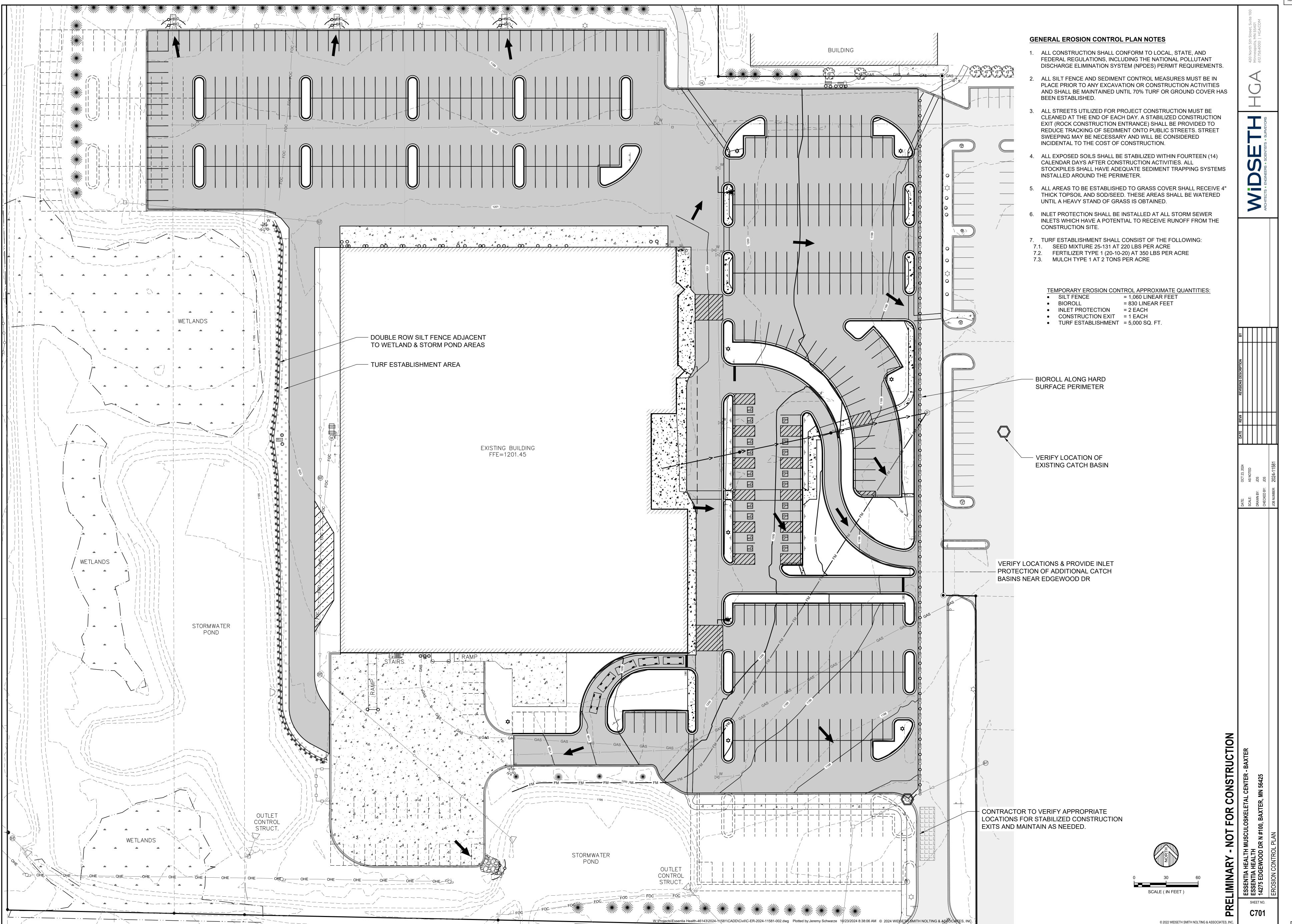
PARKING CALCULATION TABLE

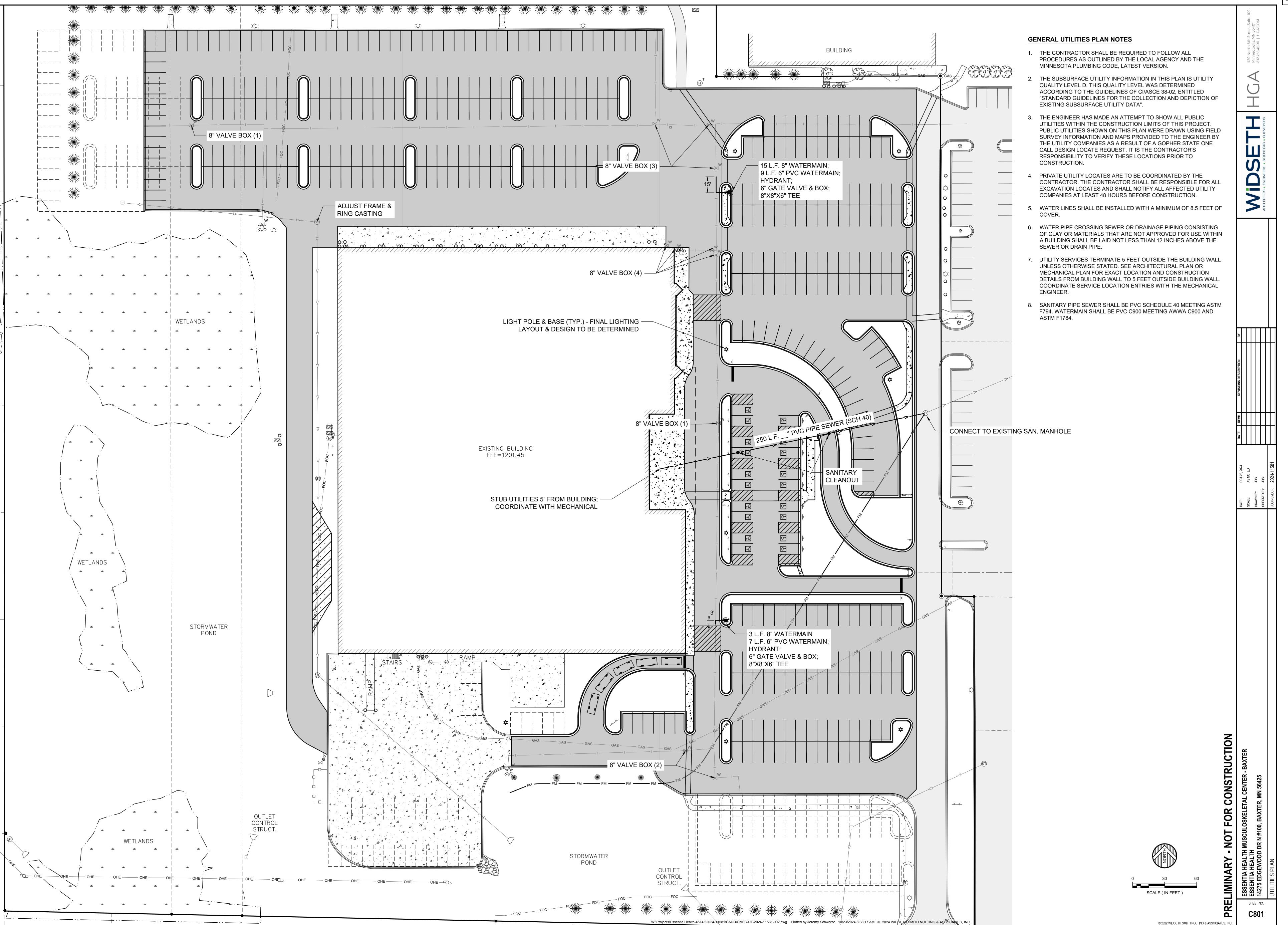
TOTAL BUILDING AREA (SF)	=	119,190
REQ'D PARKING STALLS (SEE WORKSHEET)	=	537
PARKING STALLS PROVIDED	=	398
HANDICAP STALLS PROVIDED	=	19
TOTAL STALLS PROVIDED	=	417
ADD'L STALLS (PROOF OF FUTURE SPACE)	=	123
TOTAL STALLS (WITH FUTURE SPACE)	=	540

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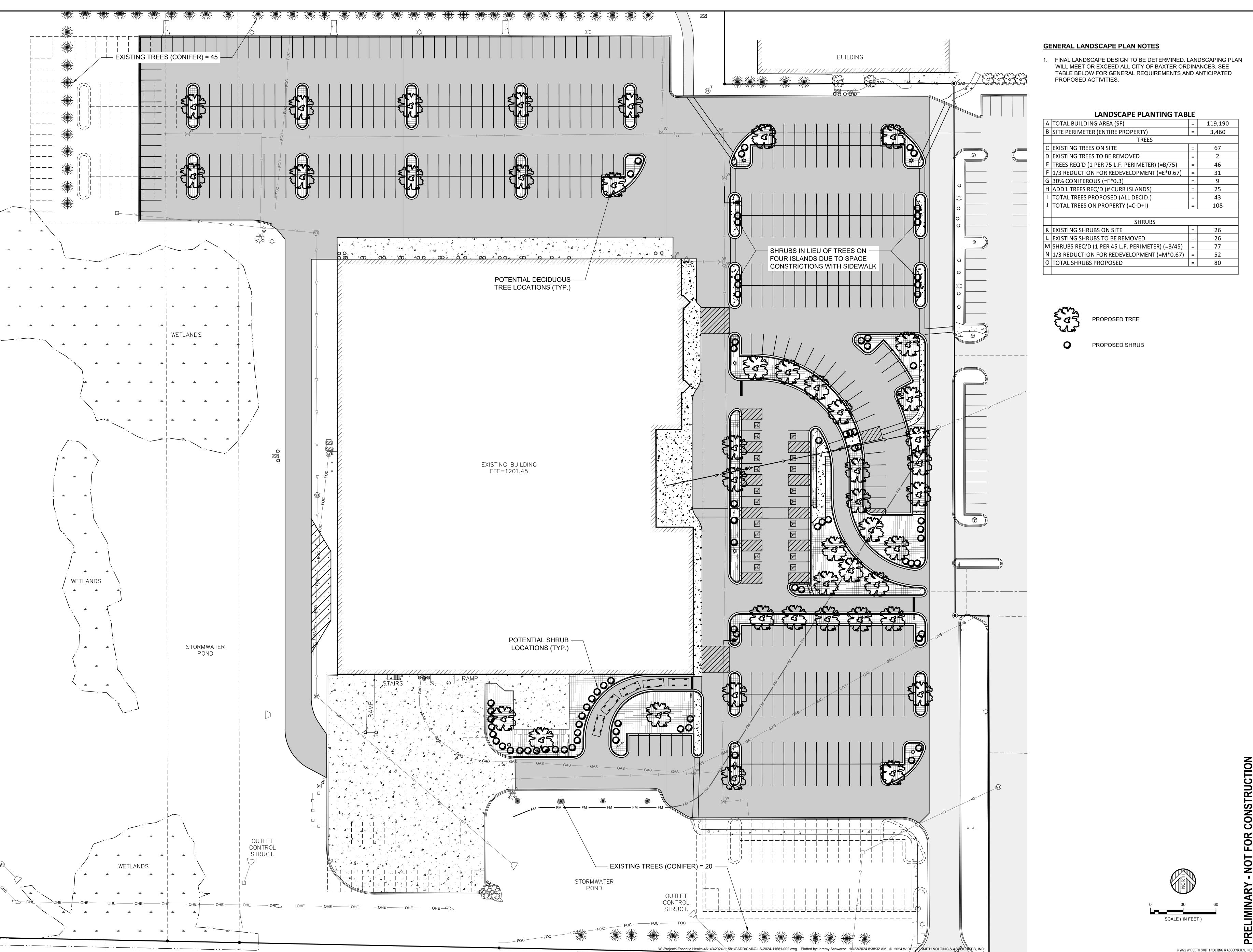


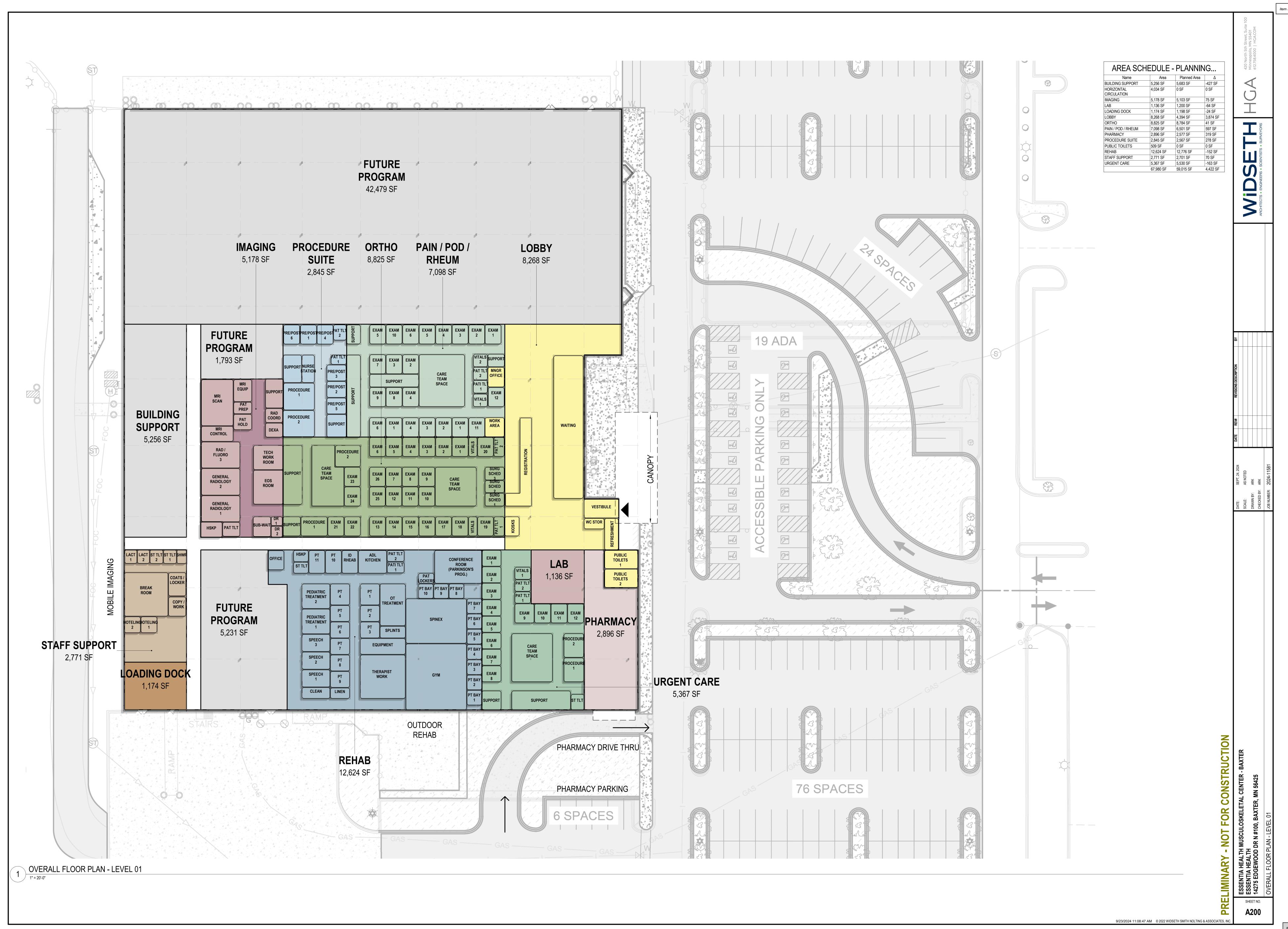


1. FINAL LANDSCAPE DESIGN TO BE DETERMINED. LANDSCAPING PLAN WILL MEET OR EXCEED ALL CITY OF BAXTER ORDINANCES. SEE TABLE BELOW FOR GENERAL REQUIREMENTS AND ANTICIPATED PROPOSED ACTIVITIES.

EANDSCALE LEAVING TABLE			
Α	TOTAL BUILDING AREA (SF)	=	119,190
В	SITE PERIMETER (ENTIRE PROPERTY)	=	3,460
	TREES		
С	EXISTING TREES ON SITE	=	67
D	EXISTING TREES TO BE REMOVED	=	2
Ε	TREES REQ'D (1 PER 75 L.F. PERIMETER) (=B/75)	=	46
F	1/3 REDUCTION FOR REDEVELOPMENT (=E*0.67)	=	31
G	30% CONIFEROUS (=F*0.3)	=	9
Н	ADD'L TREES REQ'D (# CURB ISLANDS)	=	25
I	TOTAL TREES PROPOSED (ALL DECID.)	=	43
J	TOTAL TREES ON PROPERTY (=C-D+I)	=	108

	SHRUBS		
	EXISTING SHRUBS ON SITE	=	26
	EXISTING SHRUBS TO BE REMOVED	=	26
1	SHRUBS REQ'D (1 PER 45 L.F. PERIMETER) (=B/45)	=	77
	1/3 REDUCTION FOR REDEVELOPMENT (=M*0.67)	=	52
)	TOTAL SHRUBS PROPOSED	=	80







Essentia (Baxter)

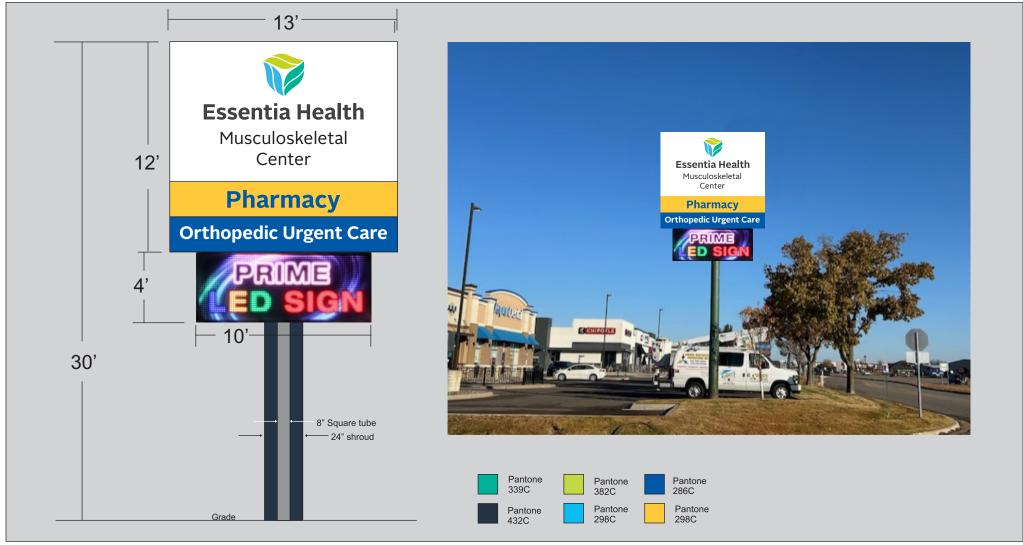
P.O.

Office: 218-740-2754

SALES REPRESENTATIVE DRAWN BY: Brian

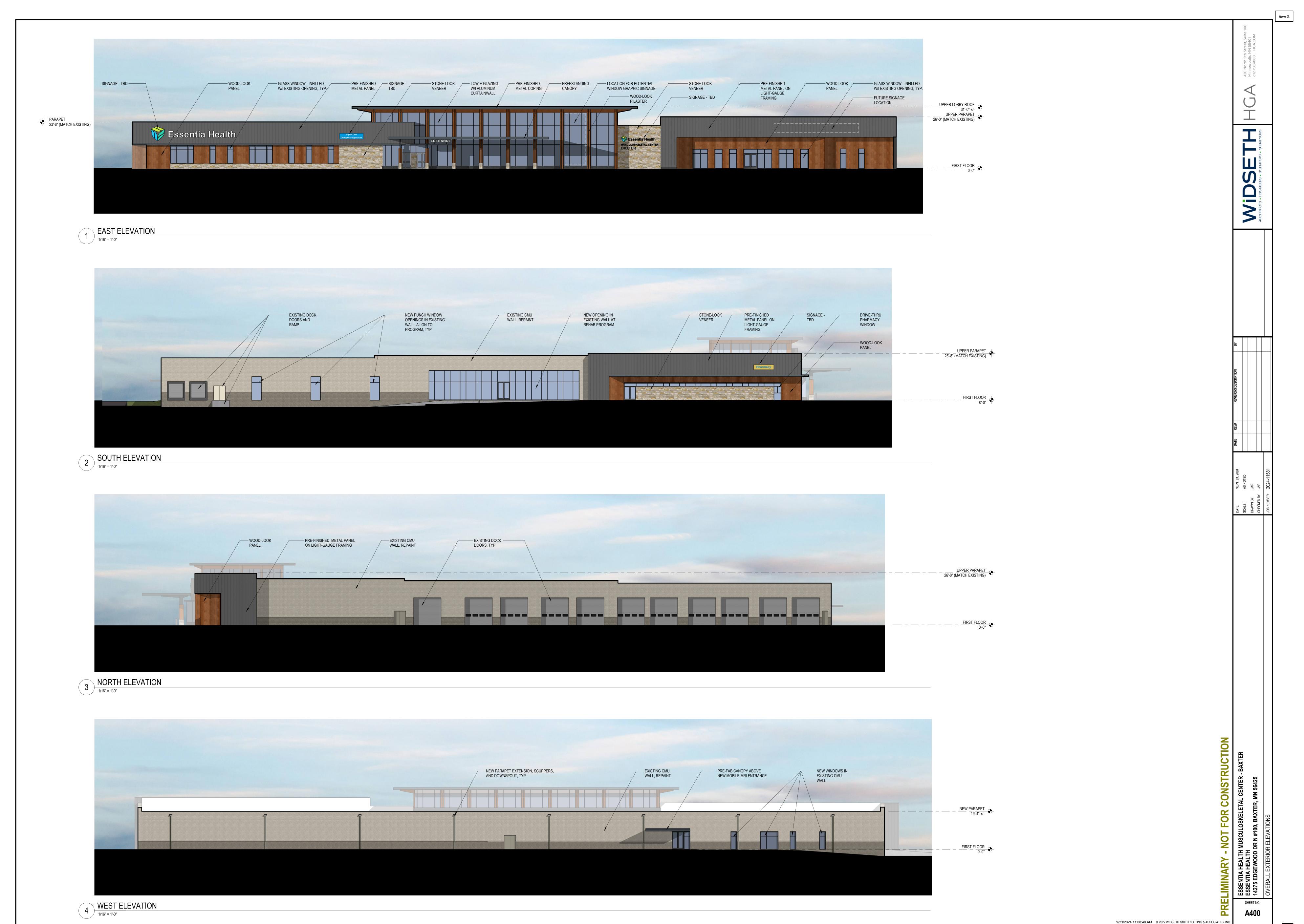
Fax: 218-728 Item 3.

Date: 10/31/24



*Color is approximate and for placement only as each computer monitor may display color differently. Please refer to actual material samples for precise color representations.

PRODUCTION QUESTIONS PLEASE C	ONTACT Y	OUR SA	ALES R	EPRESENTATIVE	
REVIEW CAREFULLY, THIS REFLECTS FINISHED PRODUCT! Please Approve, sign and return by: If approval or missing information is not received by due date, the production schedule for your order may change which will affect your ship date.	Color Spelling Size	Approve	Change	Sign Off YOU MUST SIGN AND DATE BEFORE PRE-PRODUCTION RELEASES TO PRODUCTION	89



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Essentia Health 1 AERIAL PERSPECTIVE
12" = 1'-0"



LOT 1, BLOCK 1, THIRD ADDITION TO BAXTER WAL-MART SUBDIVISION,

CAPITAL ENTERPRISES LLC

_____24.00 FOOT WIDE ACCESS EASEMENT

EDGEWOOD DRIVE ACCORDING

TO EXCEPTION NO. 23

BAXTER RE HOLDINGS LLC

REGENT PLAZA INC

44.00 FOOT WIDE ACCESS EASEMENT TO EDGEWOOD DRIVE ACCORDING TO

-- WAL-MART BURNS ACCESS

EXCEPTION NO. 14

LOSCHKO INVESTMENTS LLC

40060780

EASEMENT DOC. NO. 414172

MARVIN DEVELOPMENT III LLC

C-2 REGIONAL COMMERCIAL

C-2 REGIONAL COMMERCIAL

STEVEN AND RUTH

QUI SBERG

40060781

EXCEPTION NO. 23

OF LOT 2, BLOCK ONE,

BAXTER WALMART SUBDIVISION

WAL-MART/QUISBERG ACCESS

EASEMENT DOC. NO. 417050

EXCEPTION NO. 16

/ 30.30

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C-2 REGIONAL COMMERCIAL

> <\(\mathbb{C}_{\

SECTION 6, TOWNSHIP 133, RANGE 28, CROW WING COUNTY, MINNESOTA

- 20.00 FOOT WIDE EASEMENT

NO RECORD EASEMENT PROVIDED +

20.00 FOOT WIDE ACCESS

EASEMENT ACCORDING TO

20.00 FOOT WIDE DRAINAGE AND

UTILITY EASEMENT ACCORDING TO

THIRD ADDITION TO BAXTER

SCHEDULE B, EXCEPTION 22

BUILDING ENCROACHMENT -~

EXCEPTION NO. 33(C)

ONTO UTILITY EASEMENT

APPROXIMATE STORMWATER

WAL-MART SUBDIVISION

EXCEPTION NO. 28

FACILITY MAINTENANCE AREA

DRAINAGE EASEMENT ACCORDING .

TO SECOND ADDITION TO BAXTER

10.00 FOOT WIDE DRAINAGE AND UTILITY EASEMENT --

ACCORDING TO SECOND ADDITION TO BAXTER

WAL-MART SUBDIVISION EXCEPTION NO. 18

CONTAINED IN TITLE COMMITMENT

WAL-MART SUBDIVISION

DOC. NO. 414173

FLOOR ELEVATION = 1201.45 SQ. FT. = 119,190±

40060975

EXCEPTION NO. 15

DRAINAGE AND UTILITY EASEMENTS

ACCORDING TO THIRD ADDITION TO BAXTER

PARKING STALLS

20.00 FOOT WIDE UTILITY EASEMENT

ACCORDING TO DOC. NO. 434033

EXCEPTION NO. 17

ENCLOSURE 4

;- CURB AND

INTO DRAINAGE EASEMENT

EXCEPTION NO. 33(B)

CONCRETE ENCROACHMENT

CONTAINED IN TITLE COMMITMENT

STEVEN AND RUTH

| QUISBERG |

业C-2 REGIONAL COMMERCIAL

GUTTER (TYP.)

20.00 FOOT WIDE UTILITY EASEMENT

WAL-MART SUBDIVISION, EXCEPTION 22

S88°54'37"E 667.18

REAL ESTATE

LLC

EASEMENT ACCORDING

TO DOC. NO. 413894

AND UTILITY EASEMENT

NO. 863386 EXCEPTION NO. 19

10.00 FOOT WIDE DRAINAGE AND UTILITY EASEMENT

OVFRFLOW \

STRUCTURE

CONTROL

ACCORDING TO SECOND ADDITION TO BAXTER

WAL-MART SUBDIVISION EXCEPTION NO. 18

NO UTILITY EASEMENT FOR OVERHEAD

ELECTRIC LINE IN TITLE COMMITMENT

ACCORDING TO DOC.

33.00 FOOT WIDE

AND ADJOINING DRAINAGE

EXCEPTION NOS. 18 AND 33(C)

STEVEN AND RUTH

QUISBERG

AND UTILITY EASEMENTS

ACCESS EASEMENT

ACCORDING TO BK 267,

PG 397, EXCEPTION NO. 11

EDGE OF DELINEATED WETLAND

ACCORDING TO 2014 WIDSETH ALTA 1195

EXCEPTION NO. 32

EXCEPTION NO. 13

40060516

40060888

PAUL AND JOHN

NEL SON

KENDALL

JOHNSON 1

40060889

40060890

MONN/ER

CUSTOMS

LLC

40060894

CURT

ABRAHAMSON

40060895

ANN AND ARDEN

RAYMOND

40060896

40060893

MICHAEL PALMER

ACCORDING TO DOC. NO. 886826 EXCEPTION NO. 24

BAXTER EDGEWOOD PROPERTIES LLC

N89°52'24"E 209.79

9 CAMPER

9 CAMPER

9 CAMPER

30 PARKING STALLS

(4 HANDICAP STALLS)

(2 HANDICAP STALLS

ACCESS EASEMENT

EXCEPTION NO. 23/

CUB FOODS BUILDING

C-2 REGIONAL COMMERCIAL

ACCORDING TO

FRHP 1 LLC



SCALE (IN FEET)

ORIENTATION OF THIS BEARING SYSTEM IS BASED ON THE CITY OF BAXTER COORDINATE DATABASE NAD83

ELEVATIONS ARE BASED ON NGVD29 BENCHMARK IS FIRST FLOOR ELEVATION = 1201.45 OF BUILDING LOCATED ON LOT 1, BLOCK 1, THIRD

- ADDITION TO BAXTER WAL-MART SUBDIVISION = DENOTES FOUND IRON MONUMENT
- DENOTES 1/2 INCH DIAMETER BY 18 INCH I ONG IRON PIPE MONUMENT SET AND MARKED RLS # 41643
- DENOTES ELECTRIC METER
- DENOTES ELECTRIC PEDESTAL
- DENOTES ELECTRIC POWER POLE
- DENOTES TELEPHONE HANDHOLE DENOTES STORM SEWER CATCH BASIN

DENOTES ELECTRIC TRANSFORMER

- DENOTES STORM SEWER INLET DENOTES STORM SEWER FLARED IN APRON
- DENOTES STORM SEWER MANHOLE
- DENOTES WATER VALVE
- DENOTES WATER HANDHOLE
- DENOTES WATER SHUTOFF
- T = DENOTES TELEPHONE PEDESTAL
- DENOTES GAS METER
- G = DENOTES GAS VALVE
- = DENOTES GUARD POST
- = DENOTES SINGLE SIGN POST > = DENOTES GUY ANCHOR = DENOTES UNDERGROUND STORM SEWER
- GAS ---- = DENOTES UNDERGROUND GAS LINE — UGT —— = DENOTES UNDERGROUND TELEPHONE LINE OHE — = DENOTES OVERHEAD ELECTRIC LINE
- DENOTES CONIFEROUS TREE = DENOTES DECIDUOUS TREE
- = DENOTES SHRUB DENOTES BITUMINOUS SURFACE
- DENOTES CONCRETE SURFACE DENOTES LANDSCAPING

SURVEYOR'S SCHEDULE B TITLE RESPONSES: According to First American Title, Commitment No. MN2404262 Dated: June 28, 2024

- RESPONSE: NOT A PLOTTABLE MATTER OF SURVEY.
- RESPONSE: NOT A PLOTTABLE MATTER OF SURVEY. RESPONSE: NOT A PLOTTABLE MATTER OF SURVEY.
- RESPONSE: THERE WERE NO OTHER KNOWN EASEMENTS AT THE TIME OF THE SURVEY
- RESPONSE: NOT A PLOTTABLE MATTER OF SURVEY. RESPONSE: NOT A PLOTTABLE MATTER OF SURVEY.
- RESPONSE: NOT A PLOTTABLE MATTER OF SURVEY.
- RESPONSE: NOT A PLOTTABLE MATTER OF SURVEY
- RESPONSE: NOT A PLOTTABLE MATTER OF SURVEY. RESPONSE: BOOK 54 OF DEEDS, PAGE 342 RESERVES 1/3 MINERAL RIGHTS
- ACROSS THE SOUTHEAST QUARTER, SECTION 6, TOWNSHIP 133, RANGE 28. NOT A PLOTTABLE MATTER OF SURVEY.
- RESPONSE: EASEMENT IS AS SHOWN.
- 12. RESPONSE: INGRESS AND EGRESS EASEMENT SIZE AND LOCATION IS NOT DESCRIBED IN DOCUMENT NO. 413890 AND CANNOT BE SHOWN.
- RESPONSE: EASEMENT IS AS SHOWN.
- RESPONSE: EASEMENT IS AS SHOWN RESPONSE: EASEMENT IS AS SHOWN.
- RESPONSE: EASEMENT IS AS SHOWN. RESPONSE: EASEMENT IS AS SHOWN.
- RESPONSE: VACATION OF FERNWOOD DRIVE AND ADJOINING DRAINAGE AND UTILITY EASEMENTS ARE AS SHOWN. DOCUMENT NO. 863263
- IS ALSO CONTAINED IN EXCEPTION (c) 33. REMAINING EASEMENTS FROM SECOND ADDITION TO BAXTER

20. RESPONSE: APPROVAL OF A PUD AMENDMENT, NOT A PLOTTABLE MATTER OF

- WAL-MART SUBDIVISION ARE AS SHOWN. RESPONSE: EASEMENT IS AS SHOWN.
- SURVEY
- 21. RESPONSE: APPROVAL OF A PUD AMENDMENT, NOT A PLOTTABLE MATTER OF SURVEY
- 22. RESPONSE: EASEMENTS ARE AS SHOWN 23. RESPONSE: APPROVAL OF AN AMENDED PUD TO ALLOW FOR PROPOSED RV
- PARKING AREAS WHILE STILL ALLOWING EXISTING ACCESS EASEMENTS TO BE ACCESSIBLE, EASEMENTS ARE AS SHOWN. 24. RESPONSE: EASEMENT IS AS SHOWN.
- RESPONSE: APPROVAL OF A PUD AMENDMENT, NOT A PLOTTABLE MATTER OF SURVEY
- 26. RESPONSE: APPROVAL OF A PUD AMENDMENT, NOT A PLOTTABLE MATTER
- OF SURVEY 27 RESPONSE: UTILITY EASEMENT AS SHOWN.
- 28. RESPONSE: STORMWATER FACILITIES MAINTENANCE AGREEMENT, APPROXIMATE MANAGEMENT AREAS ARE AS SHOWN.
- 29. RESPONSE: DEVELOPMENT CONTRACT, NOT A PLOTTABLE MATTER OF
- 30. RESPONSE: DENIAL OF A PUD AMENDMENT FOR A 100 FOOT FLAGPOLE NOT A PLOTTABLE MATTER OF SURVEY.
- RESPONSE: APPROVED PUD AMENDMENT TO ALLOW PROPANE SERVICE STATION, NOT A PLOTTABLE MATTER OF SURVEY.
- RESPONSE: DELINEATED WETLANDS ACCORDING TO 2014 WIDSETH ALTA SURVEY OF THE PROPERTY ARE AS SHOWN
- RESPONSE: (a) OVERHEAD ELECTRIC LINE ENCROACHMENT IS AS SHOWN. (b) CONCRETE PARKING ENCROACHMENT IS AS SHOWN. (c) BUILDING ENCROACHING ONTO UTILITY EASEMENT, DOC.

PREPARED FOR: ESSENTIA HEALTH

- NO. 863263 VACATES FERNWOOD DRIVE AND ADJACENT EASEMENTS, AS SHOWN.
- RESPONSE: NOT A PLOTTABLE MATTER OF SURVEY. 35. RESPONSE: NOT A PLOTTABLE MATTER OF SURVEY.

SURVEYOR'S TABLE A NOTES:

ARE SHOWN.

- 1. MONUMENTS HAVE BEEN FOUND OR SET AS SHOWN
- ACCORDING TO THE CROW WING COUNTY GIS MAPPING APPLICATION THE ADDRESS FOR THE SUBJECT PROPERTY IS:
- 14275 EDGEWOOD DRIVE BAXTER, MINNESOTA 56425
- ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP NUMBER 27035C0526C, EFFECTIVE AUGUST 15, 2017, THE ENTIRE PROPERTY LIES WITHIN ZONE X. ZONE X DEFINITION ARE AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.
- 4. THE GROSS LAND AREA FOR THE SUBJECT PROPERTY IS 17.33 ACRES.
- 5. VERTICAL RELIEF IS SHOWN ACCORDING TO GROUND SURVEY DATA COLLECTION
- ACCORDING TO THE CITY OF BAXTER ZONING VERIFICATION LETTER DATED AUGUST 19 2024, THE ZONING FOR THE SUBJECT PROPERTY IS GUIDED AS COMMERCIAL IN THE CITY
- OF BAXTER'S COMPREHENSIVE PLAN AND IS ZONED PUD, PLANNED UNIT DEVELOPMENT 7. THE EXTERIOR DIMENSIONS OF THE BUILDING AT GROUND LEVEL ARE AS SHOWN
- SUBSTANTIAL FEATURES OBSERVED IN THE PROCESS OF CONDUCTING THE FIELD SURVEY
- 9. PARKING SPACES ON SUBJECT PROPERTY ARE AS SHOWN
- 11. THE UTILITIES SHOWN ON THE SURVEY ARE ACCORDING TO OBSERVED OBSERVED EVIDENCE AND AS LOCATED BY GOPHER ONE TICKET No. 241911888. WIDSETH ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACIES OF THESE LOCATIONS. FURTHER LOCATION AND VERIFICATION ARE RECOMMENDED PRIOR TO ANY CONSTRUCTION OR EXCAVATION.
- 13. NAMES OF ADJOINING OWNERS ARE AS SHOWN ACCORDING TO CROW WING COUNTY INTERACTIVE MAPPING GIS APPLICATION.
- 14. EDGEWOOD DRIVE IS APPROXIMATELY 350 FEET, MORE OR LESS, FROM THE NORTHWEST CORNER OF LOT 2, BLOCK ONE, BAXTER WAL-MART SUBDIVISION. (SHOWN ON VICINITY MAP)
- 16. THERE WAS NO OBSERVED EVIDENCE OF CURRENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS ON THE SUBJECT PROPERTY AT THE TIME OF
- 17. THERE WAS NO KNOWN OR OBSERVED PROPOSED CHANGES IN STREET RIGHT OF WAY LINES, RECENT STREET OR SIDEWALK CONSTRUCTION / REPAIRS ON THE SUBJECT
- PROPERTY AT THE TIME OF THIS SURVEY. 18. SCHEDULE B EXCEPTION NO. 23 INDICATES A SIGN EASEMENT IN FAVOR OF LOT 1 THAT IS LOCATED OVER A PORTION OF LOT 3 (SHOWN ON VICINITY MAP).
- 19. PROFESSIONAL LIABILITY INSURANCE CAN BE FURNISHED UPON REQUEST.
- 20. THERE WAS NO OBSERVED EVIDENCE OF THE SITE BEING USED AS A SOLID WASTE DUMP
- SUMP OR SANITARY LANDFILL AT THE TIME OF THE SURVEY. 21. THERE WAS NO OBSERVED EVIDENCE OF A CEMETERY AT THE TIME OF THE SURVEY

According to First American Title, Commitment No. MN2404262 Dated June 28, 2024:

Lot 1, Block 1, Third Addition to Baxter Wal-Mart Subdivision, Crow Wing County, Minnesota.

Non-exclusive easements over Lots 2 and 3, Block 1, Third Addition to Baxter Wal-Mart Subdivision, as contained in the Declaration of Easements, Covenants, Conditions and

Restrictions, dated March 31, 2017, recorded April 5, 2017, in the office of the County Recorder as Doc. No. 886808.

To: St Joseph's Medical Center, First American Title, and Near North Title Group;

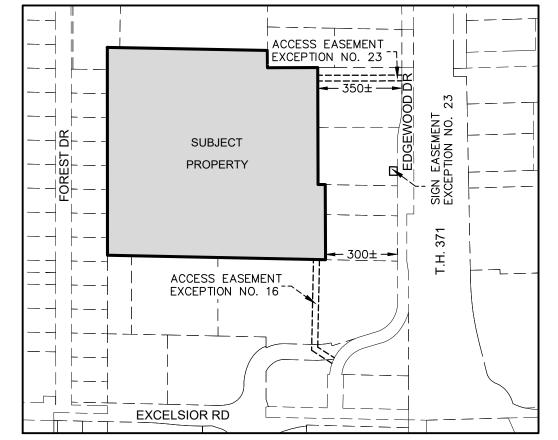
This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes items 1-5, 6(b), 7(a), 8, 9, 11(b), 13, 14, and 16 - 19 of table "A" thereof. The field work was completed on July 26th, 2024

Date of plat or Map: August 19, 2024

Chad M. Conner, Minnesota License No. 41643

The FIRST AMERICAN TITLE COMMITMENT NO. MN2404262. Dated: June 28th. 2024; as listed was relied upon for matters of record. Other easements or exceptions may exist that were not shown in this commitment and are not shown on this survey. The property depicted on this survey the same property indicated in exhibit A of the title commitment.

VICINITY MAP (NOT TO SCALE)



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DATE **AMENDMENTS** AS SHOWN DRAWN BY: CHECKED BY: CMC FILE NUMBER: 2024-11223



ITEM REPORT PLANNING AND ZONING COMMISSION

Agenda Date:

11/12/2024

Agenda Section:

New Business

TO: Baxter Planning and Zoning Commission

FROM: Joshua Doty, Community Development Director

REQUEST: PUBLIC HEARING. Zoning Ordinance Text Amendment to amend Title 10, Chapter 2

"Definitions" and Chapter 3 "Zoning Districts" of the City Code to allow Cannabis Uses

(City file no. 24-040)

APPLICANT: City of Baxter

N/A

ZONING:

1. Application Request

The City of Baxter (applicant) is requesting a Zoning Ordinance Text Amendment to amend Title 10, Chapter 2 "Definitions" and Chapter 3 "Zoning Districts" of the City Code to allow Cannabis Uses. Minnesota State Law requires local units of government to amend their City Code and Zoning ordinance to implement requirements of Chapter 342 of Minnesota Statutes. As of January 1, 2025, City's need to have codes in place to allow for numerous different types of cannabis related businesses and uses. There are currently 13 different license categories at the State of Minnesota Office of Cannabis Management. Local units of government play a role in the state licensing process. Applicants apply to the State for a license and once vetted, the business would be required to gain local government approval.

From a zoning perspective, Cannabis businesses generally fit best into retail and industrial zones. Specifically, the retail uses include Retail, Medical, and Low-Potency Hemp Retail. The industrial uses include a multitude of potential business uses including, but not limited to, things like cultivation, manufacturing, wholesalers, transporters and combinations thereof. The city is required to allow for the various uses outlined Statute within local zoning regulations.

It is noteworthy that there are additional cannabis licensing code amendments that are required beyond the attached Zoning Ordinance amendments prior to January 1, 2025. The City is currently working on separate licensing code, which will be forwarded directly the City Council for their review together with the Zoning Ordinance amendments.

Key Items for Zoning Consideration

Minnesota Statute 342 outlines options for the city to employ buffers and/or a retail store cap based on population. Specifically, statute allows a city to buffer a retail store to be 1,000 feet from a school and 500 feet from a day care facility, residential treatment facility or an attraction within a public park that is regularly used by minors. Statute also allows the City to establish (in ordinance) a retail store cap, which requires cities to allow one retail store for every 12,500 residents but does not have to allow more than one retail store for every 12,500 residents. Since Baxter has a current population less than 12,500 residents, the City is required to allow at least one store but can cap the number of stores to one. For the purposes of the attached drafted ordinance, City staff has proposed an ordinance that utilizes the buffers and retail cap allowed by State law. Staff notes that the Minnesota Office of Cannabis Management would determine who the retail store would be for Baxter base on a

vetted application and lottery process. Lastly, staff notes that the buffer and cap option is only for retail use and is not allowed for other cannabis business uses, such as medical cannabis retail, low-potency hemp retail sales or the various types of industrial cannabis and hemp business uses.

Staff findings for supporting the buffer requirements and retail cap

The City of Baxter is unique in that there is a multitude of commercial opportunities that are beyond these buffers. As such, there are no concerns with opportunity areas with the buffers employed within Baxter. The retail cap is a decision that is open to interpretation. City staff is simply recommending the cap to start, as it is a legal option because we simply do not know what the demand will be. Once the city has a retail store open and determines there are no concerns, the City could always remove the cap at anytime in the future, as we did with our previous Mobile Vending License cap.

The other primary consideration for cities is to determine is what zones the various business uses would be allowed in and if the uses are permitted uses or conditional uses. Based upon staff's review of numerous other city ordinances across the state, it is clear that city's allowing the retail uses in commercial zones and the non-retail uses in industrial zones. There is also a lot of variety with regard to allowing the various uses as permitted uses or conditional uses.

Staff's review of the guidelines has led staff to proposing the Cannabis related retail uses as a permitted use in C-2 Commercial and to allow the remainder of the non-retail uses as a Conditional Use in the Industrial districts. Specifically, staff finds that there are less reasonable conditions of approval needed for retail establishments than industrial uses. Industrial uses, depending on type of business and location, could cause odors or other impacts to neighboring properties that may necessitate a public hearing process to determine any reasonable conditions needed for the associated use.

3. Recommendation

Staff recommends approval of the draft zoning ordinance and findings of fact resolution.

Attachments

Draft Ordinance 2024-004 (Redlined)
Draft Resolution 2024-018 Approving Findings of Fact

CITY OF BAXTER, MINNESOTA ORDINANCE 2024-018

AN ORDINANCE AMENDING THE TEXT OF TITLE 10 OF THE BAXTER CITY CODE

THE CITY OF BAXTER ORDAINS:

SECTION 1. Amendments. The text of Chapter 2, Section 2 "Definitions" of Title 10 (Zoning Regulations) of the Baxter City Code is hereby amended by deleting the stricken material and adding the underlined material as follows:

10-2-2: GENERAL DEFINITIONS:

<u>Unless otherwise noted in this section, words, terms, and phrases found in the definitions of Minnesota Statutes Section 342.01, or as amended, apply, unless otherwise noted or except where the context clearly indicates a different meaning. In addition, the following definitions apply:</u>

CANNABIS RELATED:

- A. CANNABIS: Any species of the genus cannabis plant, or any mixture or preparation of them including whole plant extracts and resins.
- B. CANNABIS CULTIVATION: A cannabis business, licensed to grow cannabis plants within the approved amount of space from seed or immature

plant to mature plant, harvest cannabis flower from mature plant, package and label immature plants and seedlings and cannabis flower for sale to other cannabis businesses, transport cannabis flower to a cannabis manufacturer located on the same premises, and perform other actions approved by the State Office of Cannabis Management.

- C. CANNABIS RETAIL BUFFER: No Cannabis Retailer license or endorsement shall be granted within 4,000 feet of a school, or 500 feet of a day care, residential treatment facility, or an attraction within 4 a public park that is regularly used by minors, including a playground or athletic field. The distance shall be measured from the freestanding parcel upon which the Cannabis Retailer is to be licensed to nearest point of the school property, to the nearest point of the residential treatment facility property and to the nearest point of the attraction within a public park that is regularly used by minors.
- D. CANNABIS RETAIL LIMIT: One Cannabis Retailer for every 12,500 residents.
- E. CANNABIS RETALLER: Any person, partnership, firm, corporation, or association, foreign or domestic, selling cannabis product to the general public, licensed or endorsed by the State of Minnesota, and not for the purpose of resale in any form. Cannabis retailer shall not cultivate, manufacture, process or wholesale onsite.
- H. CANNABIS MANUFACTURER: The process of converting or packaging harvested cannabis plant material into medical or recreational cannabis.
- I. CANNABIS MEDICAL DISPENSARY: A facility engaged in the sale of medical cannabis products as defined and regulated by Minnesota Statutes 152.22 152.37.
- J. CANNABIS, MEDICAL COMBINATION BUSINESS: As defined by Minnesota Statute. Also referred to as: Medical Cannabis Combination Business.
- K. CANNABIS TESTING FACILITY: An establishment engaged in obtaining and testing cannabis and hemp, or products derived therefrom, that is licensed by the State of Minnesota.

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- M. DAYCARE: A location licensed with the Minnesota Department of Human Services to provide the care of a child in a residence outside the child's own home for gain or otherwise, on a regular basis, for any part of a 24-hour day.
- N. LOWER-POTENCY HEMP EDIBLE: As defined under Minn. Stat. 342.01 subd. 50.
 - 1. LOWER-POTENCY HEMP EDIBLE CULTIVATION: An establishment engaged in the cultivation of lower-potency hemp.
 - 2. LOWER-POTENCY HEMP EDIBLE MANUFACTURING: An establishment engaged in the manufacturing of lower-potency hemp edible products.
 - 3. LOWER-POTENCY HEMP EDIBLE RETAILER: A business that sells lower-potency hemp edible products to customers.
- O. PLACE OF PUBLIC ACCOMODATION: A business, accommodation, refreshment, entertainment, recreation, or transportation facility of any kind, whether licensed or not, whose goods, services, facilities, privileges, advantages or accommodations are extended, offered, sold, or otherwise made available to the public.
- P. RESIDENTIAL TREATMENT FACILITY: As defined under Minnesota Statute 245.462 subd. 23
 Q. SCHOOL: A public school as defined under Minnesota Statute 120A.05 or a nonpublic school that meets the reporting requirements under Minnesota Statute 120A.24.
- R. STATE LICENSE, CANNABIS: An approved license issued by the State of Minnesota's Office of Cannabis Management to a cannabis retail business.

NURSERY, LANDSCAPE: A business growing and selling trees, flowering and decorative plants, and shrubs, <u>excluding cannabis</u>.

MEDICAL CANNABIS DISPENSARY: A facility engaged in the sale of medical cannabis products as defined and regulated by Minnesota Statutes 152.22-152.37.

SECTION 2. Amendments. The text of Chapter 3 "Zoning Districts", Article G, Section 1 "C2 Regional Commercial, Permitted Uses" of Title 10 (Zoning Regulations) of the Baxter City Code is hereby amended by deleting the stricken material and adding the underlined material as follows:

ARTICLE G. C2 REGIONAL COMMERCIAL DISTRICT

10-3G-1: PERMITTED USES:

The following retail sales and service businesses supplying commodities or performing a service primarily for residents of the surrounding trade area:

Auto accessory retail (not including service).

Bakeries; retail.

Banks, savings and loans, credit unions and the like (without drive-through).

Barbershops, beauty shops; other personal service uses.

Brewer and brewer taproom.

Bus/transit stations or terminals without vehicle storage.

<u>Cannabis retailer, pursuant to the cannabis retail buffer and cannabis retail limit, as allowed in this Title pursuant to Minnesota Statute.</u>

Cannabis delivery services.

Civic buildings such as city halls, fire stations and the like (without outside storage).

Clinics including multispecialty outpatient clinic.

Commercial recreation, indoor (e.g., bowling alleys, roller rinks and the like).

Convenience stores (without motor fuel stations).

Copy/printing services (excludes printing presses and publishing facilities).

Department stores.

Drugstores and pharmacies (without drive-through).

Dry cleaning and laundry pick ups, self-service laundromats, incidental pressing, tailoring, repair and the like (without dry cleaning processing).

Essential services.

Fitness centers and fitness related studios such as karate, yoga, dance and the like.

Florists, hobby, craft or variety stores and the like.

Furniture and household appliance stores.

Grocery stores.

Hardware stores.

Hotels and motels.

Liquor; off-sale.

Lower-potency hemp edible retailers.

Medical cannabis dispensary Medical cannabis combination business.

Motor vehicle detailing shops.

Offices; professional and medical.

Plumbing, television, radio, electrical sales and related accessory repair.

Public and private clubs and lodges.

Reception halls/event centers/conference centers.

Religious institutions (limited to worship and directly related social events).

Restaurant (without drive-through).

Sporting goods and similar retail sales.

Studios; art related.

Tobacco specialty store.

Retail goods and services of a similar nature, as determined by the Zoning Administrator. (Ord. 2013-20, 11-19-2013; amd. Ord. 2016-017, 5-17-2016; Ord. 2023-009, 7-18-2023; Ord. 2023-012, 8-15-2023)

SECTION 3. Amendments. The text of Chapter 3, "Zoning Districts", Article I, Section 3 "I, Industry Office District, Conditional Uses" of Title 10 (Zoning Regulations) of the Baxter City Code is hereby amended by deleting the stricken material and adding the underlined material as follows:

ARTICLE I. I INDUSTRY OFFICE DISTRICT

10-3I-3: CONDITIONAL USES:

Cannabis microbusinesses not including retail, cannabis mezzobusinesses not including retail, cannabis cultivators, cannabis manufacturers, cannabis wholesalers, cannabis transporters, cannabis testing facilities, cannabis delivery services, lower-potency hemp edible manufacturers, medical cannabis combination businesses not including retail, subject to Minnesota Statue.

SECTION 4. Summary Publication. Pursuant to Minnesota Statutes Section 412.191, in the case of a lengthy ordinance, a summary may be published. While a copy of the entire ordinance is available without cost at the office of the City Clerk, the following summary is approved by the City Council and shall be published in lieu of publishing the entire ordinance:

The City Council adopted an ordinance amending the standards of Title 10 "Zoning Regulations" as follows:

Section 10-2-2: Amending Definitions to for cannabis related definition changes.

Section 10-3G-1 Amending C-2, Regional Commercial district Permitted Uses to allow Cannabis related retail uses.

Section 10-3I-3 Amending I, Industry Office district Conditional Uses to allow Cannabis related industrial uses.

SECTION 3. Effective Date. This amendment shall take effect upon its passage.

Whereupon, said Ordinance is hereby declared adopted on this 3rd day of December 2024.

	Darrel Olson, Mayor
ATTEST:	
	City Seal

Kelly Steele, City Clerk