Application for Sewer Service Area Amendments

SSA Major Amendments Dane County Water Quality Plan

Capital Area Regional Planning Commission (JŪne 11, 2026)

Instructions:

1. This form is recommended to be completed and submitted as part of an SSA application package—it is intended to be a tool to aid applicants in preparing a complete application.
2. All fields should be completed (unless specifically indicated otherwise).
3. An Authorized Representative of the Applicant (Municipality) must sign this form.
4. Refer to the *Policies and Criteria for Sewer Service Area Amendments* for complete information [see SSA Planning webpage].
5. In case of discrepancy, the *Policies and Criteria Sewer Service Area Amendments* control.

Section 1 – Contact Information

Applicant Information:

Sponsoring Municipality: _____

(Municipality where the property will be located at the time of development)

Point of Contact Name/Title: Deanna Schmid, City Planner/Zoning Administrator

Point of Contact Phone/Email: Deanna.schmidt@fitchburgwi.gov (608)270-4255

Representative Submitting Application (on behalf of Applicant, if different than above):

Company/Firm: State of Wisconsin Department of Administration

Point of Contact Name/Title: Robert L. Hoffman, Project Manager

Point of Contact Phone/Email: Robert.Hoffmann@Wisconsin.gov (608)266-7533

Other Technical Support (e.g., Planner/Engineer, as applicable):

Company/Firm: Village of Oregon

Point of Contact Name/Title: Lauren Striegl, Director of Public Works

Point of Contact Phone/Email: lstriegl@oregonwi.gov (608)835-6285

Section 2 – Project Information

Project/Amendment Area Name: Department of Corrections USA Amendment

Current Jurisdiction of Lands within Amendment Area: City of Fitchburg

L

Final Jurisdiction of Lands within Amendment Area: City of Fitchburg

Date of Annexation to Final Jurisdiction (if applicable): Not Applicable

Owner / Name of WWTF Serving Area: Village of Oregon

Owner(s) of Wastewater Collection System Serving Area: City of Fitchburg

Amendment Area Location (address or relative location):

SW of Highway 14 & North of CTH M, in the far SE portion of Fitchburg

e.g., Northwest corner of [Municipality], west of [Road Name], south of [Road Name]

Total Acreage of Amendment: Approx. 75

Does this application include a request for a deviation from the Policies & Criteria for Environmental Corridors (i.e., Environmental Corridor Major Change Amendment) (yes/no)? No

If yes, briefly describe the request:

Section 3 – Pre-Application Documentation

Pre-Application Meeting:

A pre-application meeting between CARPC staff and key members of the project team (Applicant, Applicant's Representatives, and Technical Support, as appropriate) is intended to review submittal requirements, process, schedule, and considerations that may impact development design. **This meeting is *required to be eligible for the Expedited Process* and strongly encouraged with the Standard Process**. This meeting does not constitute a formal application nor commencement of the SSA amendment process.

Date of Pre-Application Meeting: August 20, 2026

Representatives of the Applicant Present: Lauren Striegl, Village of Oregon; Robert Hoffman, DOA; Sara Kempton, BWBR; Deanna Schmidt, City of Fitchburg

Process Selection:

Identify whether this application is intended for the Standard Process, with an expectation of DNR decision by Day 90; or the Expedited Process, with the possibility of a CARPC recommendation on Day 30 (occurring at the same meeting as public hearing) and potential DNR decision on Day 60.

Note: Day 0 refers to the day in which a formal, complete application is received by CARPC staff.

By checking the Expedited Process box, I acknowledge that:

1) Applicant has completed a Pre-Application meeting with CARPC staff
2) There are no known, unmitigated water quality concerns, as determined in consultation with CARPC staff

3) Applicant has met with affected units of government (or provided documentation that invitation was declined or not responded to within 10 business days)
4) The expedited timeline may not be possible if unmitigated water quality concerns or other legitimate controversies emerge during the public review process, requiring additional time to evaluate those concerns prior to CARPC action
5) DNR generally issues their administrative decision within 30 days upon receipt of a CARPC recommendation; in the Expedited Process where CARPC is able to recommend approval 30 days after formal application, DNR is expected to be able to continue providing their decision within 30 days of receipt of CARPC's recommendation, thus rendering a final decision within 60 days of formal application However, in accordance with Wis. Stat. § 283.83 which allows up to 90 days from the time of formal application to issue a final administrative determination, DNR may take up to 60 days to issue their decision.

☐ Standard Process ☒ Expedited Process

Section 4 – Fees

The following fees will be charged for SSA Major Amendments, in accordance with CARPC Resolution No. 2026-06.

Criteria	Application Fee[3]	Remaining Balance
Adds greater than 1 net developable acre to urban service area	$3,500	Actual cost exceeding $3,500[1,2]
Adds 1 or fewer net developable acre to urban service area		$0
Exclusively removes developable acreage from urban service area		$0

[1] *At current CARPC billing rates and any associated direct costs*
[2] *Includes all costs directly attributable to SSA review and administration, which may include staff time prior to formal application, excluding the initial Pre-Application meeting between Applicant and CARPC staff which will not be charged*
[3] *Fees will be reviewed and updated periodically, and adjusted based on current CARPC staff billing rates at time of review*

Upon receipt of a formal application package, the individual listed as "Applicant" (see Section 1) will be invoiced for the application fee. Upon completion of work by CARPC (typically following DNR decision), the individual listed as "Applicant" will be invoiced for the remaining balance.

Applicant may transmit invoices to a third party for payment but will remain responsible for ensuring that payment is made. Please include with all payments reference to the invoice number and specific SSA Amendment for proper accounting.

Section 5 – Checklist

For each item below, indicate the location within the application package where item is addressed (e.g., Page/Section number or Appendix). If any items are not included, include a comment describing why it is not included.

** Indicates item is requested for supplemental context and is not a basis for a decision on water quality criteria*

Ref. No.	Item	Description
Consistency with Local and Regional Plans		
1.1	Consistency with Local Plan*	Description of consistency with local community's comprehensive plan (or neighborhood plan, if applicable)
Location in Package (or commenapplicable):		See Page 4
1.2	Consistency with RDF*	Description of consistency with priorities in 2050 Regional Development Framework (RDF)
Location in Package (or comment if not applicable):		See Page 4
Intergovernmental Cooperation		
2.1	Notification	Document notification to adjacent municipalities and other affected municipalities regarding the proposed SSA amendment, including transmittal of the location of amendment
Location in Package (or comment if not applicable):		See Page 5
2.2	Responses	Document any adjacent local governmental unit(s) objections or support of the proposal (provide when received, even if after formal submittal)
Location in Package (or comment if not applicable):		See Page 6
2.3	Supporting Resolution (SSA Amendment)	Resolution stating support of the SSA amendment by the municipality who is making the application *Note: can be combined and covered by a single Resolution*
Location in Package (or comment if not applicable):		See Page 6
2.4	Supporting Resolution (Nonpoint Pollution)	Resolution acknowledging obligation to enforce **nonpoint source pollution control** (i.e., stormwater management) by municipality who will have regulatory jurisdiction at the time of development *Note: can be combined and covered by a single Resolution*
Location in Package (or comment if not applicable):		See Page 6

2.5	Supporting Resolution (Environmental Corridors)	Resolution acknowledging role in helping to protect designated **environmental corridors** by municipality who will have regulatory jurisdiction at the time of development. Applicant may also demonstrate this by reference to existing policy or planning document. *Note: can be combined and covered by a single Resolution*
Location in Package (or comment if not applicable):		See Page 6
2.6	Statement of Capacity (Wastewater Treatment)	Written statement of the ability to serve the proposed amendment area by authorized representative of the entity (local municipality or sewerage district) who will be providing **wastewater treatment** for amendment area at the time of development
Location in Package (or comment if not applicable):		See Page 6
2.7	Statement of Capacity (Wastewater Collection)	Written statement of the ability to serve the proposed amendment area by authorized representative of each entity (local municipality(ies) and/or sewerage district(s)) who will provide **wastewater collection and/or conveyance** from the amendment area to the treatment plant at the time of development
Location in Package (or comment if not applicable):		See Page 6
Land Use & Geography		
3.1	Existing Map & SSA Boundary	Map of the proposed SSA boundary and existing parcel lines, rights-of-way (ROW), and land uses
Location in Package (or comment if not applicable):		See Page 7
3.2	Proposed Map & SSA Boundary	Map of the proposed SSA boundary and proposed parcel lines, rights-of-way (ROW), and land uses (existing and/or planned land uses in the surrounding the amendment area, to the extent known)
Location in Package (or comment if not applicable):		See Page 7
3.3	Plat / Concept Layout	Preliminary plat and final plat (can be draft versions), if available; conceptual layout of any imminent proposed development
Location in Package (or comment if not applicable):		See Page 7
3.4	Land Use Table	A table with the following (refer to Policies & Criteria for details): Acreage of "Proposed" land uses Acreage of "Existing" land uses
Location in Package (or comment if not applicable):		

3.5	Proposed Land Uses	Description of proposed land uses, including estimated number and type of housing units (including single-family, multifamily, group quarters), commercial-building space area, and estimated employee types (if known, as applicable)
Location in Package (or comment if not applicable):		See Page 10
3.6	Phasing	For proposals larger than 100 developable acres, map showing conceptual staging boundaries (smaller proposals also encouraged to submit phasing maps, if available)
Location in Package (or comment if not applicable):		See Page 10

Ecosystem Resources & Environmental Corridors

4.1	Ecosystem Resource Features	Description and map of wetlands, water bodies, drainageways, floodplains (1% and 0.2% annual chance), steep (>12%) slopes, woodlands, internally drained depressions, areas of endangered or sensitive habitats, areas of problem soils or unique geological formations, groundwater recharge areas, and other such environmentally sensitive areas, within and in the immediate vicinity of the amendment area
Location in Package (or comment if not applicable):		See Page 10
4.2	Map of Proposed Environmental Corridors	Map of proposed Environmental Corridors within the amendment area, which includes an overlay of Estimated and Voluntary Environmental Corridors mapping (see CARPC Open Data Portal)
Location in Package (or comment if not applicable):		See Page 10
4.3	Proposed Environmental Corridors	Description of proposed Environmental Corridors in accordance with the Policies & Criteria for Environmental Corridors adopted in the *Dane County Water Quality Plan*, including whether Voluntary Environmental Corridors have been proposed for inclusion
Location in Package (or comment if not applicable):		See Page 10
4.4	Protection of Environmental Corridors	Description of local policies, ordinances and other measures which are in place to protect designated Environmental Corridors in accordance with the Policies & Criteria for Environmental Corridors adopted in the *Dane County Water Quality Plan*
Location in Package (or comment if not applicable):		See Page 10

4.5	Major Change (if applicable)	If any deviations to the Policies & Criteria for Environmental Corridors are proposed (constituting a Major Change request), also include the following (refer to Environmental Corridors Major Change request guidance for more information): - Extent of the encroachment into the required environmental corridor - Justification for not meeting requirements - Practicable alternatives analysis - Proposed mitigation strategies & measures to offset and/or prevent water quality impacts or reduced function of the environmental corridor - Assessment of current conditions of natural resources affected (e.g., wetland delineation, tree survey, flora/fauna assessment, connectivity to other water resources, etc.) Local municipality support (including any feedback received during local processes)
Location in Package (or comment if not applicable):		See Page 11
4.6	Supporting Documentation	A copy of relevant reports and approvals, e.g., wetland delineations (within previous 5 years), DNR stream navigability determinations, FEMA Letter of Map Changes, tree survey, etc.
Location in Package (or comment if not applicable):		See Page 11
Utilities (Sanitary Sewer)		
5.1	Proposed Sanitary Sewer	Description and map of the proposed sanitary sewer connection(s) for the amendment area
Location in Package (or comment if not applicable):		See Page 11
5.2	Proposed Loadings	Estimate of the average daily and peak wastewater flow for the amendment area, including full calculations and sources of values and assumptions
Location in Package (or comment if not applicable):		See Page 12
5.3	Existing Loading	Current average daily flow for *all* downstream receiving sewers and the wastewater treatment plant, including full calculations and sources of values and assumptions
Location in Package (or comment if not applicable):		See Page 12
5.4	Capacity Evaluation	Description of the capacity to serve the amendment area by *all* downstream receiving sewers and the wastewater treatment plant. If existing capacity is not sufficient, description of planned infrastructure upgrades to provide necessary capacity
Location in Package (or comment if not applicable):		See Page 13

See Page 7

5.5	Existing Utility Map	Map of the current municipal wastewater collection system, noting areas which are outdated and of influence on the proposed amendment; identify the route of wastewater transport from the amendment area to WWTP (or regional interceptor if within MMSD's service area)
Location in Package (or comment if not applicable):		See Page 14

Utilities (Water Supply)

6.1	Proposed Water Supply	Description and map of the proposed public water supply system extension for the amendment area
Location in Package (or comment if not applicable):		See Page 14
6.2	Proposed Demand	Estimate of the average daily and peak hourly water demand for the amendment area, including full calculations, sources of values and assumptions, and identification of any heavy water users
Location in Package (or comment if not applicable):		See Page 14
6.3	Existing Demand	Current average daily and peak hourly water demand, including full calculations and sources of values and assumptions
Location in Package (or comment if not applicable):		See Page 15
6.4	Capacity Evaluation	Description of the current capacity of the water supply system to serve the amendment area
Location in Package (or comment if not applicable):		See Page 15

Stormwater Management

7.1	Map of Existing Watersheds	Map of the existing (predevelopment) watersheds for the amendment area, showing major drainage divides and offsite areas with runoff entering the amendment area (may reference stormwater management report)
Location in Package (or comment if not applicable):		See Page 15
7.2	Map of Proposed Watersheds	Map of the proposed (post-development) watersheds for the amendment area, showing major drainage divides and offsite areas with runoff entering the amendment area (if available; may reference stormwater management report)
Location in Package (or comment if not applicable):		See Page 15
7.3	Map of BMPs	Map of the proposed stormwater management facilities and best management practices (can be conceptual, if detailed design is not yet available)
Location in Package (or comment if not applicable):		See Page 15
7.4	Proposed BMPs	Description of the proposed stormwater management system (may reference stormwater management report)
Location in Package (or comment if not applicable):		See Page 15

7.5	Performance Standards	Description of stormwater performance standards, including what local ordinances will control and what performance standards will be met (or not, if for any reason) *Note: Areas within the watersheds of waters listed by DNR as **Areas of Special Natural Resources Interest** (e.g., ORWs, ERWs, trout streams, etc.) will be encouraged to achieve higher standards when in alignment with goals of the local jurisdiction or where determined to be needed to achieve water quality goals.*
Location in Package (or comment if not applicable):		See Page 15
7.6	Maintenance	Identification of who will be responsible for the management and long-term of the stormwater facilities
Location in Package (or comment if not applicable):		See Page 16
7.7	Supporting Documentation	A copy of any pertinent engineering reports, including utility studies which are the source of reported data and stormwater management reports (if available)
Location in Package (or comment if not applicable):		See Page 16

Section 6 – Certification

I, Deanna H. Schmidt (*name*), on behalf of the City (*City/Village/Town*) of Fitchburg, certify in accordance with Wis. Stat. § 283.83 that the proposed change to the Oakhill Correctional Institute Limited/Urban Service Area, an amendment to the *Dane County Water Quality Plan*, is consistent with applicable water quality standards under Wis. Stat. § 281.15 and the information provided herein is accurate, complete, and in support of this certification.

Furthermore, I acknowledge that I/we, as Applicant, are responsible for paying all invoices issued upon formal application and completion of work by CARPC, in accordance with CARPC Resolution No. 2026-06, regardless of whether payment has been delegated to another party, and regardless of whether the application receives a final DNR determination.

Authorized Representative of Applicant

Name, Title: Deanna H. Schmidt

Signature: DEANNA H SCHMIDT Date: 09-07-2026

(end)

Fitchburg
Planning & Zoning

Deanna Schmidt | City Planner
City Hall, 5520 Lacy Road, Fitchburg, Wisconsin 53711
Ph: 608.270.4255 | Fx: 608.270.4212 | www.fitchburgwi.gov

September 7, 2026

RE: Wisconsin Department of Corrections USA Amendment Cover Letter

The City of Fitchburg is requesting a 74.76-acre addition to its Urban Service Area (USA) to allow the Village of Oregon to provide sanitary sewer and water services to Wisconsin Department of Corrections (DOC) lands located immediately east of the existing Urban Service Area. The existing Oakhill Correctional Institution was incorporated into the USA in 1984 pursuant to CARPC Resolution 315.

As depicted in Map 1, the amendment area includes five (5) parcels, all of which are owned by the Wisconsin Department of Corrections and are located within the City of Fitchburg's municipal boundaries.

The current land uses within the amendment area include agricultural farmland, open areas, woodlots, and the DOC's Grow Academy, located at 4986 County Highway M.

The DOC intends to construct a new juvenile corrections facility on the two northern parcels. The remaining agricultural fields will continue to be used for cropland. The proposed USA amendment would also allow the Village of Oregon to provide water and sanitary sewer services to the DOC's Grow Academy.

Earlier this year, the DOC, City of Fitchburg, and Village of Oregon approved an intergovernmental agreement authorizing the Village to provide water service to the proposed USA. A similar intergovernmental agreement for the provision of sanitary sewer service to the proposed USA is currently under final review.

On August 25, 2026, the City of Fitchburg Common Council adopted a resolution approving the application for the USA amendment.

Thank you,

Deanna H. Schmidt

Contents

1 Consistency with Local Plans 4
1.1 Consistency with Local Plans 4
1.2 Consistency with the Regional Development Framework 4
2 Intergovernmental Cooperation 5
2.1 Notification 5
2.2 Responses 6
2.3 Supporting Resolution (SSA Amendment) 6
2.4 Supporting Resolution (Nonpoint Pollution) 6
2.5 Supporting Resolution (Environmental Corridors) 6
2.6 Statement of Capacity (Wastewater Treatment) 6
2.7 Statement of Capacity (Wastewater Collection) 6
3 Land Use and Geography 7
3.1 Existing Map and USAA Boundary 7
3.2 Proposed Map and USAA Boundary 7
3.3 Plat / Concept Layout 7
3.4 Land Use Tables 8
3.5 Proposed Land Uses 10
3.6 Phasing 10
4 Ecosystem Resources and Environmental Corridors 10
4.1 Ecosystem Resource Features 10
4.2 Map of the Proposed Environmental Corridors 10
4.3 Proposed Environmental Corridors 10
4.4 Protection of Environmental Corridors 10
4.5 Major Change (if applicable) 11
4.6 Supporting Documentation 11
5 Utilities (Sanitary Sewer) 11
5.1 Proposed Sanitary Sewer 11
5.2 Proposed Loading 12
5.3 Existing Loading 12
5.4 Capacity Evaluation 13
5.5 Existing Utility Map 14

6 Utilities (Water Supply) 14
6.1 Proposed Water Supply 14
6.2 Proposed Demand 14
6.3 Existing Demand 15
6.4 Capacity Evaluation 15
7 Stormwater Management 15
7.1 Map of Existing Watersheds 15
7.2 Map of Proposed Watersheds 15
7.3 Map of BMPs 15
7.4 Proposed BMPs 15
7.5 Performance Standards 15
7.6 Maintenance 16
7.7 Supporting Documentation 16
Maps 17
Map 1: Proposed Amendment Area and Existing Land Use 18
Map 1a: Proposed Amendment Area and Future Land Use 19
Map 2: Proposed Amendment Area and Existing Zoning 20
Map 3: Plat / Concept Layout 21
Map 4: DNR Surface Water and Wetland Map 22
Map 5: FEMA FIRM Map 23
Map 6: Soils Map and Descriptions 24
Map 7: CARPC Environmental Corridor Map 25
Map 8: Utility Overview Map 26
Map 8a: Utility Detail Map 27
Map 9: Sanitary Sewer System Village of Oregon 28
Map 10 : Pre-Development Drainage Map 29
Map 11 : Post-Development Drainage Map 30
Map 12 : Storm Sewer Plans 31
Appendix A 32
Appendix B 33
Appendix C 34
Appendix D 35
Appendix E 36

Appendix F 37
Appendix G 38
Appendix H 39
Appendix I 40
Appendix J 41

1 Consistency with Local Plans

1.1 Consistency with Local Plans

City of Fitchburg Comprehensive Plan 2023

The City of Fitchburg Comprehensive Plan depicts the proposed USAA as Agriculture and Open Space in the Future Land Use Map (Map 1a). The current zoning of the proposed USAA is Exclusive Agriculture (Map 2). This zoning district allows governmental and institutional use as a conditional use permit. On November 18, 2026, the City of Fitchburg Plan Commission approved a conditional use permit to all the Wisconsin Department of Corrections (DOC) to construct a new Type 1 Juvenile Correction Facility (JCF) on DOC-owned property near the existing Oakhill Correctional Institution, the Oregon Correctional Center, and the GROW Academy (Map 3).

The proposed JCF is consistent with the City of Fitchburg Comprehensive Plan and previous zoning decisions.

This proposed USAA is not addressed in a City of Fitchburg neighborhood plan or related planning documents.

1.2 Consistency with the Regional Development Framework

The table below illustrates the proposed USAA's consistency with the 2050 Regional Development Framework.

CARPC RDF PRIORITIES			
Top Priority	Priority Component	Yes/No	Comment
Reduce Greenhouse Gas Emissions and Increase Climate Resilience	Increase compact, mixed, walkable, and transit supportive development	No	The proposed site is not near existing or proposed transit routes.
	Increase the tree canopy	Yes	The proposed site includes numerous new trees, shrubs, and perennials. Since the existing site is primarily agricultural field with limited tree cover, the project will increase the overall tree canopy.
	Increase infiltration of precipitation and reduce stormwater runoff	Yes	The site includes two stormwater ponds designed to meet stormwater management requirements, including runoff control and water quality standards.
	Decrease the urban heat island	No	While the overall project will not decrease the urban heat island effect, the proposed design includes landscaped islands with trees and

			shrubs throughout the parking lot, which will help reduce heat compared to a design without those features.
Increase Access to Jobs, Housing, and Services for All People	Increase compact, mixed, walkable, and transit supportive development	No	The proposed development is programmed for walkable, transit-orientated development.
	Decrease racial disparities	Yes	Qualified applicants will be able to apply for positions at the new correctional facility without regard to race.
	Generate housing supply to meet demand	No	
	Grow business and jobs in targeted sectors	Yes	The proposed juvenile correctional facility will bring new government jobs to the area.
	Increase physical access of residents to jobs and services	No	
Conserve important natural, agricultural, and fiscal resources	Increase compact, mixed, walkable, and transit supportive development	No	
	Enhance stewardship and natural resource areas	No	
	Designate and protect regional farmland preservation areas	No	
	Increase density and ensure good connectivity among developments	No	

2 Intergovernmental Cooperation

2.1 Notification

The City of Fitchburg and the Village of Oregon have been negotiation for over a year with the DOC to provide water and sanitary sewer services to the proposed JCF for over a year.

On May 26, 2026, the City of Fitchburg adopted Resolution R-63-26 approving Water Service Between the Village of Oregon, the City of Fitchburg, and the State of Wisconsin Department of

Corrections (Appendix A). A copy of the executed water agreement signed by all parties is included in Appendix A.

A similar agreement for wastewater treatment and collection is under review and expected to be approved by all parties by the end of the year.

No other towns or municipalities are impacted by this proposed USAA.

2.2 Responses

Not applicable.

2.3 Supporting Resolution (SSA Amendment)

On August 18, 2026, the City of Fitchburg Plan Commission approved Resolution R-168-26. On August 25, 2026, the City of Fitchburg Common Council approved Resolution R-168-26. See Appendix B.

2.4 Supporting Resolution (Nonpoint Pollution)

See Appendix B, Resolution R-168-26. The City of Fitchburg acknowledges its authority and obligation to enforce nonpoint source pollution to the extent possible under State of Wisconsin Statutes.

Under Wis. Stat. 13.48(13)(a), construction by the state is not subject to the ordinances or regulations of the municipality in which the construction takes place except zoning.

2.5 Supporting Resolution (Environmental Corridors)

See Appendix B, Resolution R-168-26. The City of Fitchburg acknowledges its role in helping to protect Environmental Corridors designated with the Dane County Water Quality Plan, which may include coordination with CARPC staff on delineation of corridors and enforcement restrictions to development and other activity within the environmental corridors.

2.6 Statement of Capacity (Wastewater Treatment)

The Village of Oregon has agreed to provide wastewater treatment. As noted above, the City of Fitchburg, the Village of Oregon, and the Department of Corrections are negotiating an agreement for wastewater treatment.

See Appendix C for statement from the Village of Oregon.

2.7 Statement of Capacity (Wastewater Collection)

The Village of Oregon has agreed to provide wastewater collection. As noted above, the City of Fitchburg, the Village of Oregon, and the Department of Corrections are negotiating an agreement for wastewater collection.

See Appendix C for statement from the Village of Oregon.

3 Land Use and Geography

3.1 Existing Map and USAA Boundary

See Map 1 and Map 2.

3.2 Proposed Map and USAA Boundary

The land uses are not changing with the proposed USAA.

3.3 Plat / Concept Layout

See Map 3. See Appendix D for additional details of the proposed JCF.

The proposed JCF will include a main building of approximately 102,000 gross square feet, an outbuilding of approximately 14,000 square feet, secure outdoor recreational spaces, an agricultural yard with gardens, orchard, chicken coop, storage shed and greenhouse, and perimeter fencing and access road. The main building will provide housing, food services, health services, education, counseling, vocational training, visitation, indoor recreation, administrative offices, and supporting spaces for up to 32 male and up to 8 female juveniles.

The proposed USAA also includes the existing GROW Academy. The GROW Academy is residential program providing comprehensive treatment for juveniles as an alternative to incarceration as well as a step down for juveniles returning to the community. The DOC is considering plans to expand the GROW Academy in the future.

The proposed USAA will serve approximately 140 juveniles and staff in the proposed JCF and the GROW Academy.

3.4 Land Use Tables

Table 1. Existing Land Use

Land Use	Total Area (ac)	Housing Units (Count)
Agricultural	74.76	
Cemetery		
Commercial[1]		
Extractive		
Governmental/Institutional		
Manufacturing		
Military		
Open Land		
Parks and Recreation		
Residential		
Single-Unit		
Multi-Unit		
Rural		
Group Quarters		
Mixed-Use	–[3]	
Road Rights-of-Way (ROW)		
Stormwater Management		
Water and Wetlands		
Woodland		
TOTAL ACREAGE		

[1] "Commercial" refers to service-providing industries, including Wholesale Trade (NAICS 42) and Retail Trade (NAICS 44-45) (e.g., wholesale, sale of goods, services, etc.); "manufacturing" is a separate category referring to the actual *production* of goods.

[2] Where possible, separate residential uses into the following categories: Single-Unit, Multi-Unit, Rural, Group Quarters, and Residential/Commercial Mixed-Use.

[3] For mixed use, list housing units under residential subsection and acreage under corresponding other use (e.g., commercial).

Table 2. Proposed Land Use

Land Use	Total Area (ac)	Existing Development (ac)	New Development (ac)	Housing Units (Count)
Agricultural				
Cemetery				
Commercial[1]				
Extractive				
Governmental/Institutional	74.76	0.00	74.76	
Manufacturing				
Military				
Open Land				
Parks and Recreation				
Residential[2]				
Single-Unit				
Multi-Unit				
Rural				
Group Quarters				
Mixed-Use	–[3]		–[3]	
Road Rights-of-Way (ROW)				
Stormwater Management				
Water and Wetlands				
Woodland				
TOTAL ACREAGE				

[1] "Commercial" refers to service-providing industries, including Wholesale Trade (NAICS 42) and Retail Trade (NAICS 44-45) (e.g., wholesale, sale of goods, services, etc.); "manufacturing" is a separate category referring to the actual *production* of goods.

[2] Where possible, separate residential uses into the following categories: Single-Unit, Multi-Unit, Rural, Group Quarters, and Residential/Commercial Mixed-Use.

[3] For mixed use, list housing units under residential subsection and acreage under corresponding other use (e.g., commercial).

3.5 Proposed Land Uses

See Sec. 3.3 and Appendix D for additional information regarding what is proposed.

3.6 Phasing

Phase 1 includes the proposed JCF. Phase 2 may include an expansion of the GROW Academy facility.

4 Ecosystem Resources and Environmental Corridors

4.1 Ecosystem Resource Features

There are no wetlands, water bodies, or floodplains identified in the proposed USAA. The existing woodlands and steepest slopes will not be impacted by the proposed JCF. See Maps 4-6.

A large proportion of the proposed USAA is designated at as a Voluntary Environmental Corridor, which recognizes the importance of undeveloped land provides to the region. See Map 7. The DOC also recognizes the importance of undeveloped land and preservation of Wisconsin landscapes. The long-range plans for the proposed USAA are limited to the proposed JCF in Phase 1 and an expansion of the GROW Academy in the future.

The entire proposed USAA remains in agriculture zoning.

4.2 Map of the Proposed Environmental Corridors

No environmental corridors are proposed.

4.3 Proposed Environmental Corridors

No environmental corridors are proposed.

4.4 Protection of Environmental Corridors

The City of Fitchburg's Comprehensive Plan 2030 identifies and provides policy guidance regarding Environmental Corridors. Guiding policies include the following:

- Land uses allowed withing the established environmental corridors or buffers shall generally follow guidelines established by CARPC.
- It is not the intent of the environmental corridors or buffers to prevent or obstruct the necessary maintenance, expansion or construction of storm water management facilities (such as retention or detention ponds or infiltration basins), major underground utilities or major transportation facilities which serve to provide system continuity or are necessary to serve areas outside of the corridors. Encroachment into the buffers should be limited, with high-level erosion control and native vegetation restoration.
- In addition, park shelters, access structures and recreation trails may be allowed. If there is a trail in a buffer, at the minimum 75-foot width, the trail should be located as far from the wetland as practicable. Park shelters should not be located in the 75-foot minimum

width buffer. However, in buffers of 300 feet or more in width such facilities are to be located to not cause damage to the wetland, and, where practicable, be at least 150 feet from the wetland edge. Depending upon the number and extent of utility easements or facilities for a particular buffer, its width may need to be increased to appropriately handle the easements or facilities and the effects to the natural resources that the easements or facilities may have.

- In urban areas, it is strongly suggested that as development near the buffer occurs, the first 100 feet at a minimum of a 300 foot or greater wetland buffer be native vegetation, such as prairie grass with related oak openings. Buffers at 100 feet or less in width are encouraged to use native vegetation throughout the buffer area as long as it does not conflict with other facilities. Existing woodlots within the buffer are to remain with enhancement encouraged by removal of invasive species and other forest management methods.
- New residential, commercial or industrial land uses and their related facilities (such as decks, patios, swimming pools, hard surface sport areas, parking lots, driveways and the like) shall not be located within an environmental corridor or buffer zone and any disturbance of natural vegetation kept to a minimum, with native vegetation restoration encouraged. The Plan Commission, in approval of plans for a property, will consider allowable buffer uses and may require restoration to greater levels than those noted in this plan.
- Wetlands shall generally be protected by a 300-foot buffer zone.
- The minimum 300-foot environmental corridor or buffer may be increased where the wetland contains unique, threatened or endangered species.

4.5 Major Change (if applicable)

Not applicable.

4.6 Supporting Documentation

No additional documents provided.

5 Utilities (Sanitary Sewer)

5.1 Proposed Sanitary Sewer

Wastewater will be conveyed through an 8-inch PVC gravity sewer to a lift station located southwest of the proposed building and parking lot on the JCF property. The lift station will pump wastewater through a 3-inch force main to the south where it will discharge into a transition manhole, then flow by gravity to the existing manhole serving the Oregon Correctional Center (OCC) and the Oakhill Correction Institute (OCI) facilities. Wastewater will then be conveyed to the Richard Road Lift Station in the Village of Oregon sanitary system.

A new interceptor is not proposed for the development.

See Maps 8 and 8a.

5.2 Proposed Loading

Proposed sewer flows were calculated using DOC-provided data and Ten State Standards. The new Juvenile Corrections Facility (JCF) is expected to serve 80 staff and 40 juveniles, for a total of 120 people. The 16-bed GROW Academy was assumed to generate approximately 40% of the JCF flow.

Measured average flow from OCI/OCC was approximately 0.098 MGD (98,000 gpd) from April through December 2024. The 2025 data was also available, but there were some drops in average flow which could have been for several reasons, so the 2024 data values were used for the flow calculations. Based on assumed populations of 800 at OCI and 200 at OCC based on available data, the average flow is 98 gpd per person, consistent with the Ten State Standards value of 100 gpd per person.

of people = 168 people (120 at JCF and 48 at GROW)

Flow per person = 100 gal/person/day

Average flow = 168 people * 100 gal/person/day = 16,800 gpd = ~12 gpm

Peaking factor = 4

Peak flow = 67,200 gpd = ~47 gpm

Wastewater will flow by gravity to the new lift station, which will pump at approximately 80 gpm. The Village of Oregon has reviewed the system and confirmed sufficient downstream capacity for the proposed site.

5.3 Existing Loading

The existing Wastewater Treatment Facility (WWTF) has an annual average flow of 1.144 MGD, a maximum monthly flow of 1.560 MGD, and a maximum May flow of 2.410 MGD. The peak instantaneous flow is 3.998 MGD. Existing maximum monthly pollutant loadings are 2,680 lbs/day of BOD, 2,760 lbs/day of suspended solids, and 55.2 lbs/day of total phosphorus.

Table 3: Village of Oregon Wastewater Treatment Facility

Village of Oregon WWTF			
	Design	Existing (2024- July '26)	Reserve Capacity
Flow Rates (MGD)			
Annual Average	2.084	1.144	0.940
Max Month	3.200	1.560	1.640
Max May	4.565	2.410	2.155
Peak Hourly	7.560	N/A	N/A
Peak Hourly (gpm)	5,250	N/A	N/A
Peak Instantaneous	9.450	3.998	5.452
Peak Instantaneous (gpm)	6,560	2,776	3,786
Max Month Pollutant Loadings (lbs/day)			
BOD	3,978	2,680	1,298
Suspended Solids	5,195	2,760	2,435
Total Phosphorus	89	55.2	33.8

5.4 Capacity Evaluation

The Village of Oregon WWTF is currently operating well below its design capacity. Based on data from 2024 through July 2026, the existing annual average flow is 1.144 MGD compared to the design flow of 2.084 MGD, leaving approximately 0.940 MGD of reserve capacity. The maximum monthly flow is 1.560 MGD, compared to the design value of 3.200 MGD, providing 1.640 MGD of reserve capacity. The maximum May flow is 2.410 MGD compared to the design value of 4.565 MGD, leaving 2.155 MGD of reserve capacity. The existing peak instantaneous flow of 3.998 MGD is also substantially below the design peak of 9.450 MGD.

Existing pollutant loadings are similarly below the WWTF's design capacities. Maximum monthly BOD loading is 2,680 lbs/day compared to the design loading of 3,978 lbs/day, suspended solids are 2,760 lbs/day compared to 5,195 lbs/day, and total phosphorus is 55.2 lbs/day compared to 89 lbs/day. Overall, the existing facility retains significant hydraulic and treatment capacity, with the greatest remaining capacity in peak flows and suspended solids loading.

The pipe from Oakhill to the Richards Road lift station has sufficient capacity to convey the additional wastewater generated by the proposed JCF and Grow Academy. See Appendix F - Pipe Capacity Check – Manning's Equation, Oakhill to Richards Road Lift Station

The Richards Road lift station (downstream of the Oakhill sanitary line) has greater capacity than the full-flow capacity of the incoming.

The Richards Road Lift Station pump design point will have each pump operating at 438 gallons per minute. The lift station is set up to run all 3 pumps, two primary and one back up (firm capacity). At firm capacity the pumps the LS can convey 876 gpm (1.97 cfs). All three pumps in operation gives a total capacity of 1314 gpm (2.92 cfs).

The total calculated inflow is 0.51 CFS. This includes all contributing flows (JCF and existing community) to the Richards Road MH. At a peaking factor of 4 (0.51 cfs x 4 = 2.04 cfs) The influent pipe, a 10” has a capacity of 2.43 cfs. The pumps are design for 2.92 cfs so there is additional capacity to upsize future piping if necessary. There is approximately 0.39 cfs of additional capacity in the receiving pipe at the lift station during peak flow events. At normal flow conditions we will have approximately 1.46 cfs of available capacity.

The Village of Oregon confirms that downstream facilities and the Wastewater Treatment Plan, have sufficient capacity for the proposed additional flows generated by the proposed JCF and Grow Academy.

5.5 Existing Utility Map

See Map 9.

6 Utilities (Water Supply)

6.1 Proposed Water Supply

Water supply for the proposed Juvenile Correction Facility (JCF) will be provided by the Village of Oregon’s North Standpipe located north of CTH M, southeast of JCF. The proposed water main will connect to the existing 10” water main directly south of the North Standpipe on the south side of CTH M. A 12-inch ductile iron water main will be extended west to the east side of the existing railroad where it will be extended under CTH M to a meter pit on the north side of CTH M. The water main on the south side of the roadway will be installed with a tee to allow for a future connection to the Village of Oregon’s existing system near Braun Road completing a water main loop (under a separate project). From the meter pit a service line will be extended to JCF.

6.2 Proposed Demand

Water demand calculations were developed using the anticipated occupancy identified on Architectural Sheet A101 and water use rates from ASPE Table 8-8, Typical Water Demand Flows from Institutional Sources (Prisons).

The facility is expected to house 40 inmates, resulting in an estimated water demand of 4,760 gallons per day (gpd) based on a consumption rate of 119 gpd per inmate. In addition, the facility is expected to accommodate 81 staff members and 181 visitors. Using ASPE water demand rates of 10.6 gpd per staff member and 0.5 gpd per visitor, the estimated water demand attributable to staff and visitors is 858.6 gpd and 90.5 gpd, respectively.

Based on these occupancy assumptions, the total estimated average daily water demand for the facility is approximately 5,709 gallons per day (gpd). The estimated peak water demand for the facility is 140 gallons per minute (gpm).

6.3 Existing Demand

Based on usage records since 2020 (see Appendix G), average daily water demand is approximately 855,000 gallons (594 gpm), and the average peak hourly demand is 2,307 gpm.

6.4 Capacity Evaluation

The Village currently operates four groundwater wells (3, 4, 5, and 6) for water supply. Each well yields between 850 and 1,000 gallons per minute (gpm). The current well pumping capacity with all four wells operating simultaneously is 3,550 gpm. Firm capacity (assuming the largest well is out of service) is 2,550 gpm) Additionally, the Village also has an existing 1.268 million gallons of water storage capacity in standpipes, ground storage reservoirs, and water towers. This translates to a capacity of 2.38 million gallons per day and an estimated unused capacity of 1.39 million gpd with all 4 wells in operation. If one of the Village's largest wells is out of service (1,000 gpm), the firm capacity is 2,550 gpm or 3.672 million gallons per day. The Village utilizes its existing water storage capacity daily to fluctuate with demand and keep water in the storage system fresh. The additional estimated total demand from the proposed project is 70,000 gpd, with peak demand of 238,000 gpd, well within the Water System's capacity.

7 Stormwater Management

7.1 Map of Existing Watersheds

See Map 10.

7.2 Map of Proposed Watersheds

See Map 11.

7.3 Map of BMPs

See Map 12.

7.4 Proposed BMPs

The storm water management systems on the site include two wet ponds, drainage swales and ditches, and a storm sewer network. The proposed storm water management system was designed to meet the requirements of WDNR chapter 151.121 through 151.128.

7.5 Performance Standards

The project is meeting the water quality and quantity requirements for the City of Fitchburg. The Fitchburg code (and DNR) requires 80% TSS reduction for new development, which we are meeting, we are at 80.38% (See Appendix H). For water quantity/release rate requirements Fitchburg requires the post development release rate to be at or lower than the predevelopment release rate for the 1-year, 2-year, 10-year, and 100-year storm events. Our modeled release rates for the post-development condition are all lower than the predevelopment condition. Our site infiltration is slightly below what is listed in the code for Fitchburg. The code seems to require the post development infiltration volume to be at least 90% of the pre-development

infiltration volume, our modeling shows 85%. This is well above what we are required to meet for the DNR though at 75%.

7.6 Maintenance

See Appendix I - Dane County JCF Storm Water Management Plan

7.7 Supporting Documentation

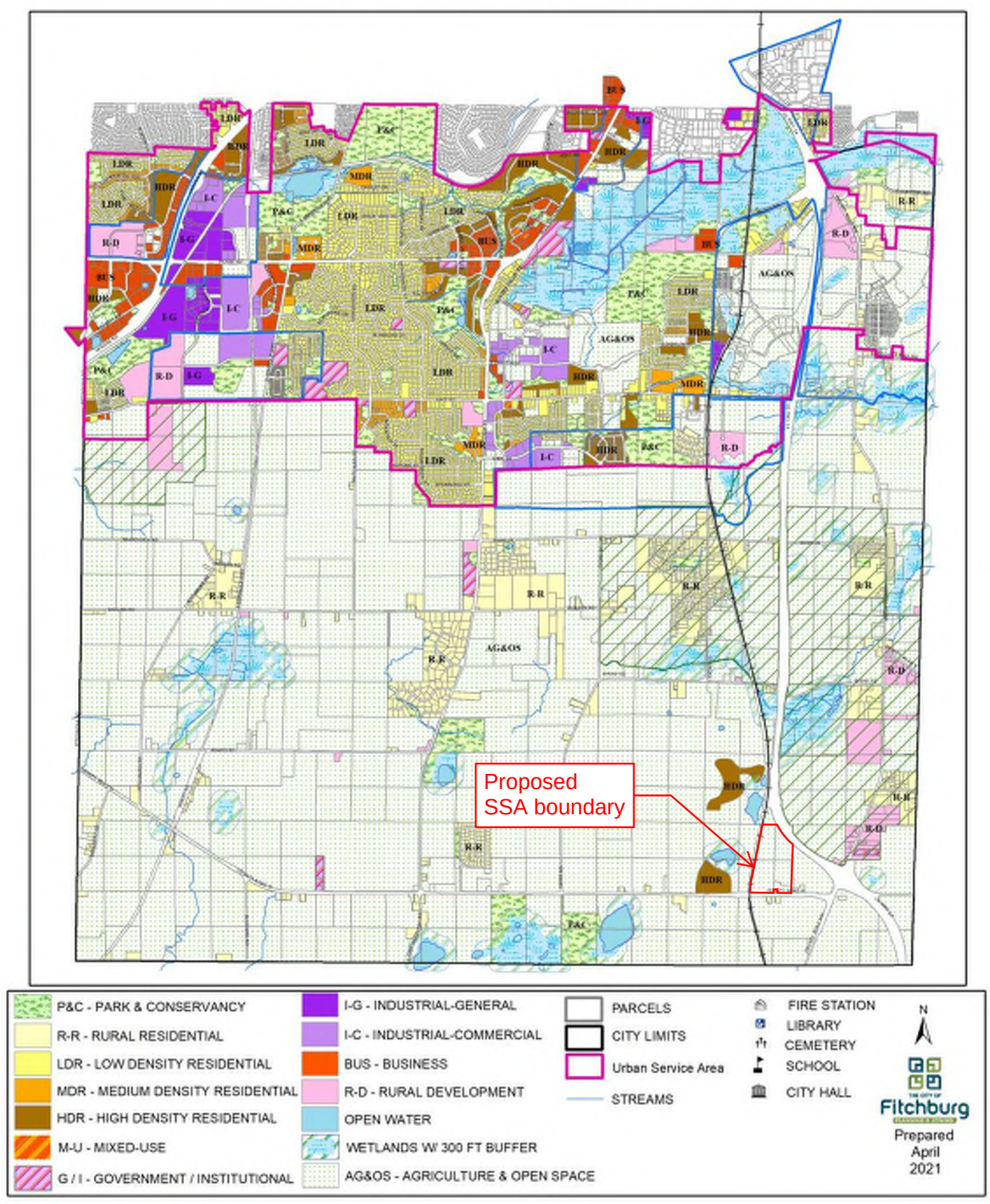
See Appendix J - Dane County JCF Wisconsin Department of Natural Resources Storm Water Permit

Maps

Map 1: Proposed Amendment Area and Existing Land Use

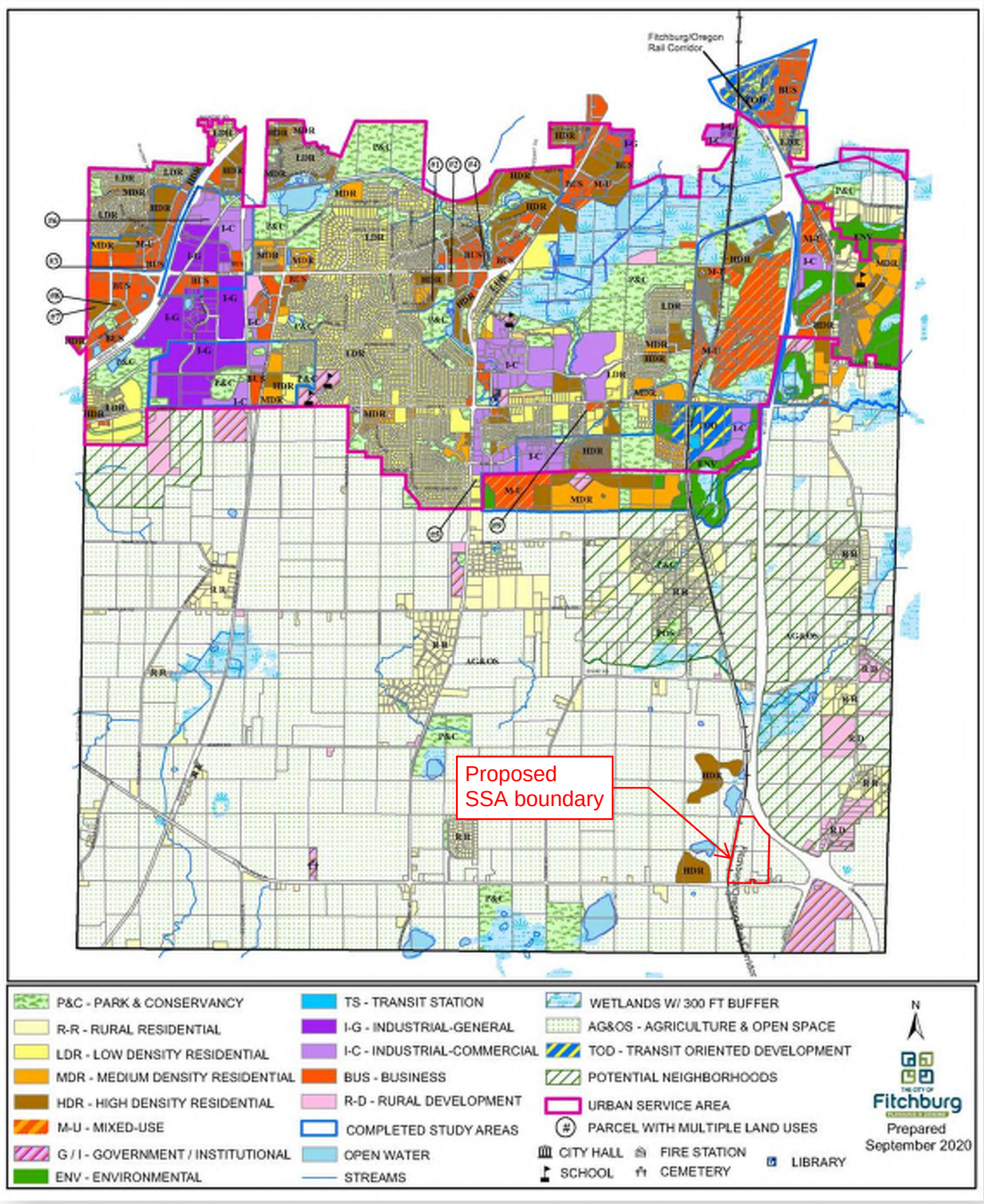
Hard Data

Map 4.1: Existing Land Use



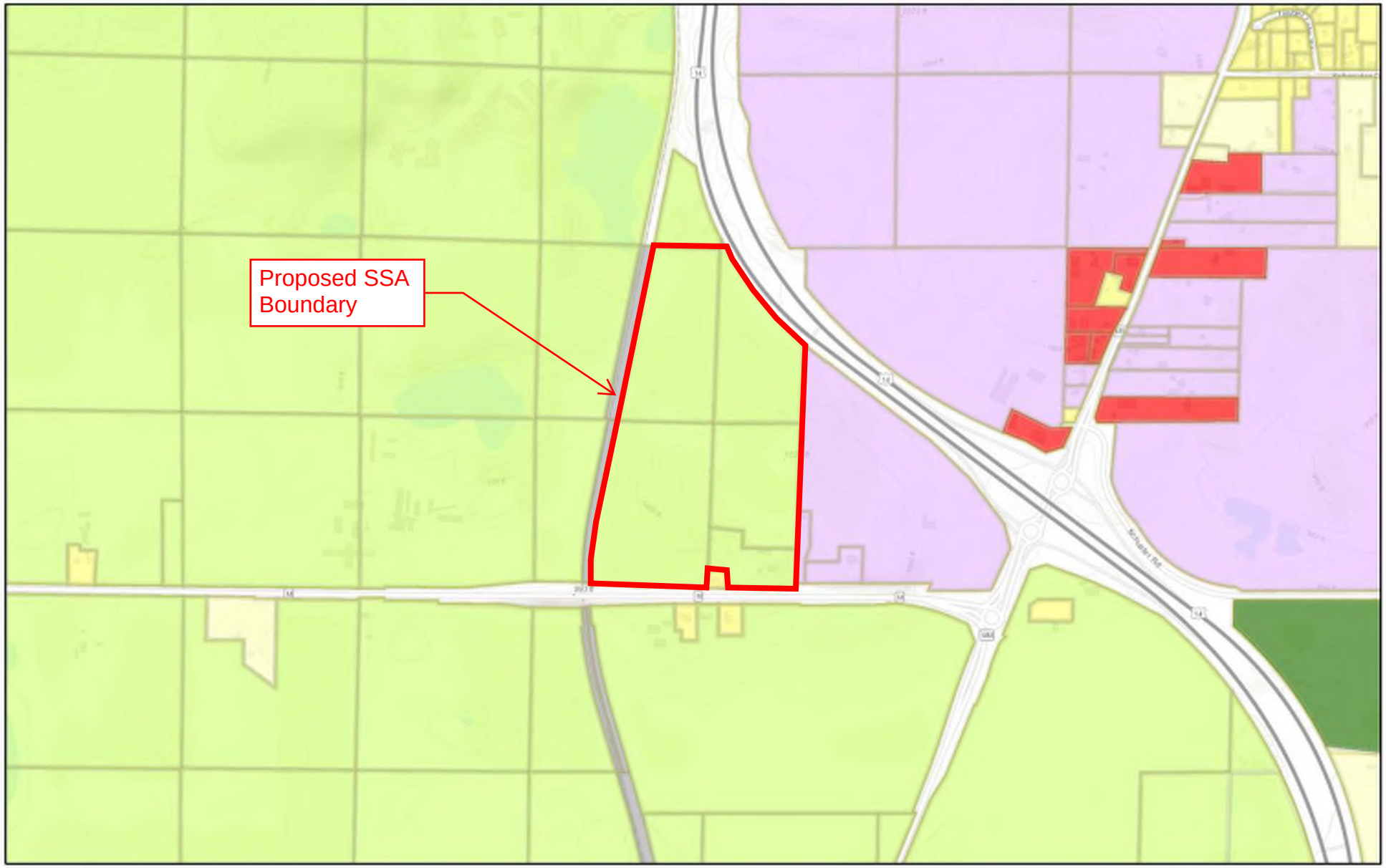
Map 1a: Proposed Amendment Area and Future Land Use

Map 4.3: Future Land Use



Map 2: Proposed Amendment Area and Existing Zoning

City of Fitchburg - Zoning Map



8/3/2026, 10:28:13 AM

City Boundary

Zoning

- Low Density Residential
- Planned Development District - Specific Implementation Plan
- Low to Medium Density Residential
- Former R-4 Residential
- SmartCode - New Community
- Exclusive Agriculture
- Medium Density Residential
- High Density Residential
- Rural Residential
- Park and Recreation
- General Business
- Rural Development
- Highway Business
- Professional Business
- Transitional Agriculture
- Specialized Industrial
- General Industrial
- Planned Development District - General Implementation Plan
- Small Lot Agriculture
- Park and Recreation
- High Density Urban District
- No Value
- Parcels
- Citations

1:12,447

0 0.1 0.2 0.4 mi

0 0.15 0.3 0.6 km

County of Dane, Esri Canada, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA

Map 3: Plat / Concept Layout



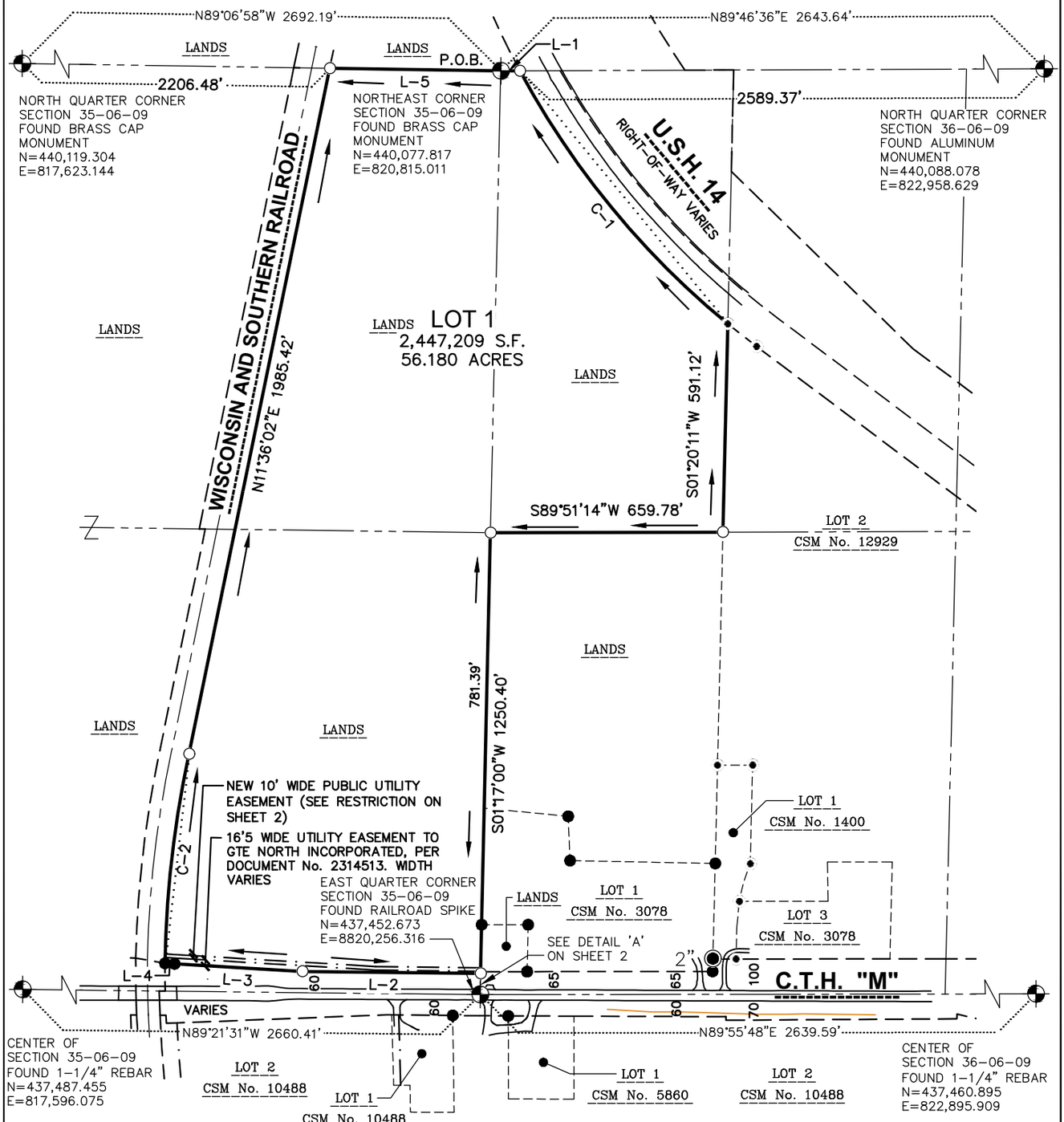
Overall Campus Map

WI DOC | DANE COUNTY JUVENILE CORRECTIONAL FACILITY

August 18, 2025 | COMM. NO. P.2300288.00

CERTIFIED SURVEY MAP NO. _____

PART OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 35 AND PART OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 36, ALL IN TOWNSHIP 06 NORTH, RANGE 09 EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN



LEGEND

- GOVERNMENT CORNER
- 3/4" REBAR FOUND
- 1" IRON PIPE FOUND
- 2" IRON PIPE FOUND
- 3/4" x 24" REBAR SET (1.50 LBS/LF)
- PLAT BOUNDARY
- CHORD LINE
- CENTERLINE
- RIGHT-OF-WAY LINE
- PLATTED LOT LINE
- SECTION LINE
- EASEMENT LINE
- DRAINAGE ARROW

NOTES

1. FIELD WORK PERFORMED ON MAY 16, 19, 22-23, 27-29, 2025.
2. BEARINGS ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY. THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 35-06-09, BEARS N89°06'58"W.
3. SEE SHEET 2 FOR LINE TABLE AND CURVE TABLES.

0 200' 400'
SCALE: 1" = 400'

north

WISCONSIN
TODD J. BUHR
S-2614
DEFOREST, WI
LAND SURVEYOR

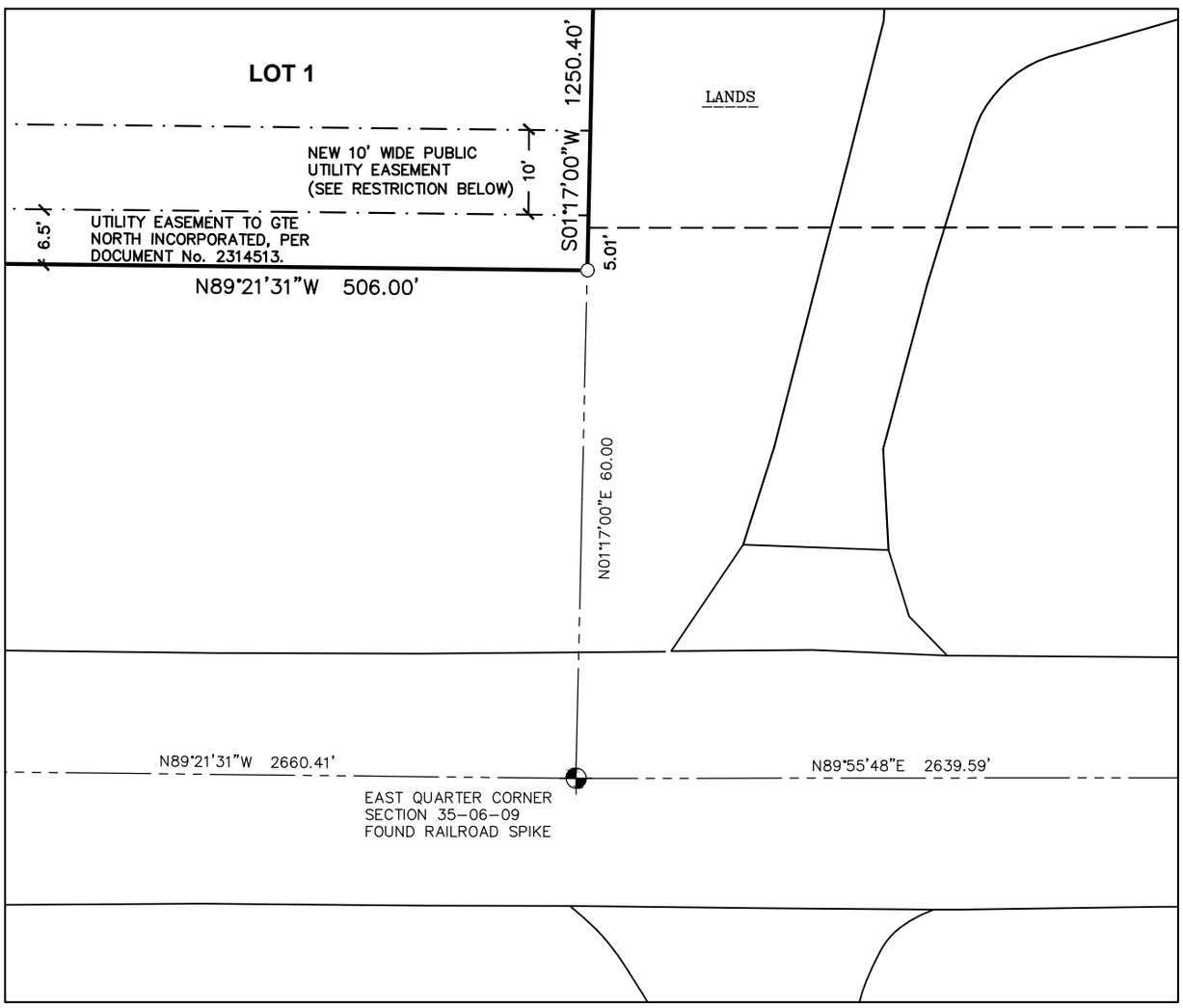
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JSD	BWBR ARCHITECTS, INC.	FIELDBOOK/PG: -	DRAWN BY: JK
MADISON REGIONAL OFFICE 507 W. VERONA AVENUE, SUITE 500 VERONA, WI 53593 P. 608.848.5060	380 SAINT PETER ST., STE. 600 ST. PAUL, MN 55102	SHEET NO: 1 OF 4	

VOL. _____ PAGE _____
DOC. NO. _____
C.S.M. NO. _____

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CERTIFIED SURVEY MAP NO. _____

PART OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 35 AND PART OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 36, ALL IN TOWNSHIP 06 NORTH, RANGE 09 EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN



DETAIL A

SCALE 1" = 20'

LINE TABLE		
LINE	BEARING	DISTANCE
L-1	N89°46'36"E	54.27'
L-2	N89°21'31"W	506.00'
L-3	N86°35'18"W	363.10'
L-4	N86°49'31"W	27.50'
L-5	S89°06'58"E	485.71'

LEGEND

- GOVERNMENT CORNER
- 3/4" x 24" REBAR SET (1.50 LBS/LF)
- PLAT BOUNDARY
- CENTERLINE
- RIGHT-OF-WAY LINE
- PLATTED LOT LINE
- SECTION LINE
- EASEMENT LINE

PUBLIC UTILITY EASEMENT RESTRICTION

FINAL GRADE WITHIN THE PUBLIC UTILITY EASEMENT SHALL NOT BE ALTERED BY MORE THAN SIX (6) INCHES WITHOUT THE CONSENT OF UTILITIES INVOLVED.

north

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING
C-1	934.91'	2391.83'	22°23'44"	928.97'	S39°25'27"E
C-2	598.81'	3075.42'	11°09'22"	597.87'	N06°33'50"E

WISCONSIN
TODD J. BUHR
S-2614
DEFOREST, WI
LAND SURVEYOR

SURVEYED BY:
JSD
MADISON REGIONAL OFFICE
507 W. VERONA AVENUE, SUITE 500
VERONA, WI 53593
P. 608.848.5060

SURVEYED FOR:
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ST. PAUL, MN 55102

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CERTIFIED SURVEY MAP NO. _____

PART OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 35 AND PART OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 36, ALL IN TOWNSHIP 06 NORTH, RANGE 09 EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN

LEGAL DESCRIPTION

PART OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 35 AND THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 36, ALL IN TOWNSHIP 06 NORTH, RANGE 09 EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF SECTION 35, AFORESAID;
THENCE N89°46'36"E ALONG THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 39, AFORESAID, 54.27 FEET TO A POINT ON THE CURVING SOUTHWESTERLY RIGHT-OF-WAY LINE OF U.S.H. 14;
THENCE SOUTHEASTERLY 934.91 FEET ALONG AN ARC OF A CURVE TO THE LEFT, HAVING A RADIUS OF 2391.83 FEET, THE CHORD BEARS S39°25'27"E, 928.97 FEET;
THENCE S01°20'11"W, 591.12;
THENCE S89°51'14"W, 659.78 FEET TO THE EAST LINE OF THE NORTHEAST QUARTER OF SECTION 35, AFORESAID;
THENCE S01°17'00"W ALONG SAID EAST LINE, 1250.40 FEET TO THE NORTH RIGHT-OF-WAY LINE OF CTH M;
THENCE N89°21'31"W ALONG SAID LINE, 506.00 FEET;
THENCE N86°35'18"W ALONG SAID LINE, 363.10 FEET;
THENCE N86°49'31"W, 27.50 FEET TO THE CURVING EASTERLY RIGHT-OF-WAY LINE OF THE WISCONSIN AND SOUTHERN RAILROAD;
THENCE NORTHEASTERLY ALONG SAID RIGHT-OF-WAY LINE 598.81 FEET ALONG THE ARC OF A CURVE TO THE RIGHT, HAVING A RADIUS OF 3475.42 FEET, THE CHORD BEARS N06°33'50"E, 597.87 FEET;
THENCE CONTINUING N11°36'02"E, 1985.42 FEET TO THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 35, AFORESAID;
THENCE S89°06'58"E ALONG SAID NORTH LINE, 485.71 FEET TO THE POINT OF BEGINNING.

SAID PARCEL CONTAINS 2,447,183 SQUARE FEET OR 56.180 ACRES.

SURVEYOR'S CERTIFICATE

I, TODD J. BUHR, PROFESSIONAL LAND SURVEYOR S-2614, DO HEREBY CERTIFY THAT BY DIRECTION OF WISCONSIN DEPARTMENT OF CORRECTIONS, I HAVE SURVEYED, DIVIDED, AND MAPPED THE LANDS DESCRIBED HEREON, AND THAT THE MAP IS A CORRECT REPRESENTATION OF THE EXTERIOR BOUNDARY OF THE LANDS SURVEYED AND THE DIVISION THEREOF, IN ACCORDANCE WITH THE INFORMATION PROVIDED. I FURTHER CERTIFY THAT THIS CERTIFIED SURVEY MAP IS IN FULL COMPLIANCE WITH CHAPTER 236.34 OF THE WISCONSIN STATUTES AND THE SUBDIVISION REGULATIONS OF THE CITY OF FITCHBURG, DANE COUNTY, WISCONSIN.



_____ _____
TODD J. BUHR, S-2614 DATE
PROFESSIONAL LAND SURVEYOR

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CERTIFIED SURVEY MAP NO. _____

PART OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 35 AND PART OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 36, ALL IN TOWNSHIP 06 NORTH, RANGE 09 EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN

CORPORATE OWNER'S CERTIFICATE

WISCONSIN DEPARTMENT OF CORRECTIONS, A CORPORATION DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE STATE OF WISCONSIN, AS OWNER, DOES HEREBY CERTIFY THAT SAID CORPORATION HAS CAUSED THE LAND DESCRIBED ON THIS CERTIFIED SURVEY MAP TO BE SURVEYED, DIVIDED, MAPPED, AND DEDICATED AS REPRESENTED HEREON. SAID CORPORATION FURTHER CERTIFIES THAT THIS CERTIFIED SURVEY MAP IS REQUIRED BY S.236.34, WISCONSIN STATUTES TO BE SUBMITTED TO THE CITY OF FITCHBURG FOR APPROVAL.

IN WITNESS WHEREOF, THE SAID WISCONSIN DEPARTMENT OF CORRECTIONS HAS CAUSED THESE PRESENTS TO BE SIGNED BY ITS REPRESENTATIVES THIS _____ DAY OF _____ , _____ .

WISCONSIN DEPARTMENT OF CORRECTIONS

_____
(SIGN)

_____ _____
(NAME) (TITLE)

STATE OF WISCONSIN) SS
DANE COUNTY) SS

PERSONALLY CAME BEFORE ME THIS _____ DAY OF _____ , _____ , THE ABOVE NAMED REPRESENTATIVES OF THE ABOVE NAMED WISCONSIN DEPARTMENT OF CORRECTIONS TO ME KNOWN TO BE THE PERSONS WHO EXECUTED THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED THE SAME.

_____ _____
NOTARY PUBLIC, DANE COUNTY, WISCONSIN MY COMMISSION EXPIRES

CITY OF FITCHBURG COMMON COUNCIL APPROVAL CERTIFICATE

RESOLVED THAT THIS CERTIFIED SURVEY MAP, WHICH HAS BEEN DULY FILED FOR THE APPROVAL OF THE CITY OF FITCHBURG COMMON COUNCIL, BE AND THE SAME IS HEREBY APPROVED AND THE DEDICATIONS, IF ANY DESIGNATED HEREON, ARE HEREBY ACKNOWLEDGED AND ACCEPTED BY THE CITY OF FITCHBURG.

I HEREBY CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF A RESOLUTION ADOPTED BY THE CITY OF FITCHBURG ON THIS _____ DAY OF _____ , _____ .

_____
TRACY OLDENBURG, CITY CLERK
CITY OF FITCHBURG



OFFICE OF THE REGISTER OF DEEDS

_____ COUNTY, WISCONSIN

RECEIVED FOR RECORD _____,

20___ AT _____ O'CLOCK ____M

AS DOCUMENT # _____

IN VOL. _____ OF CERTIFIED

SURVEY MAPS ON PAGE(S) _____

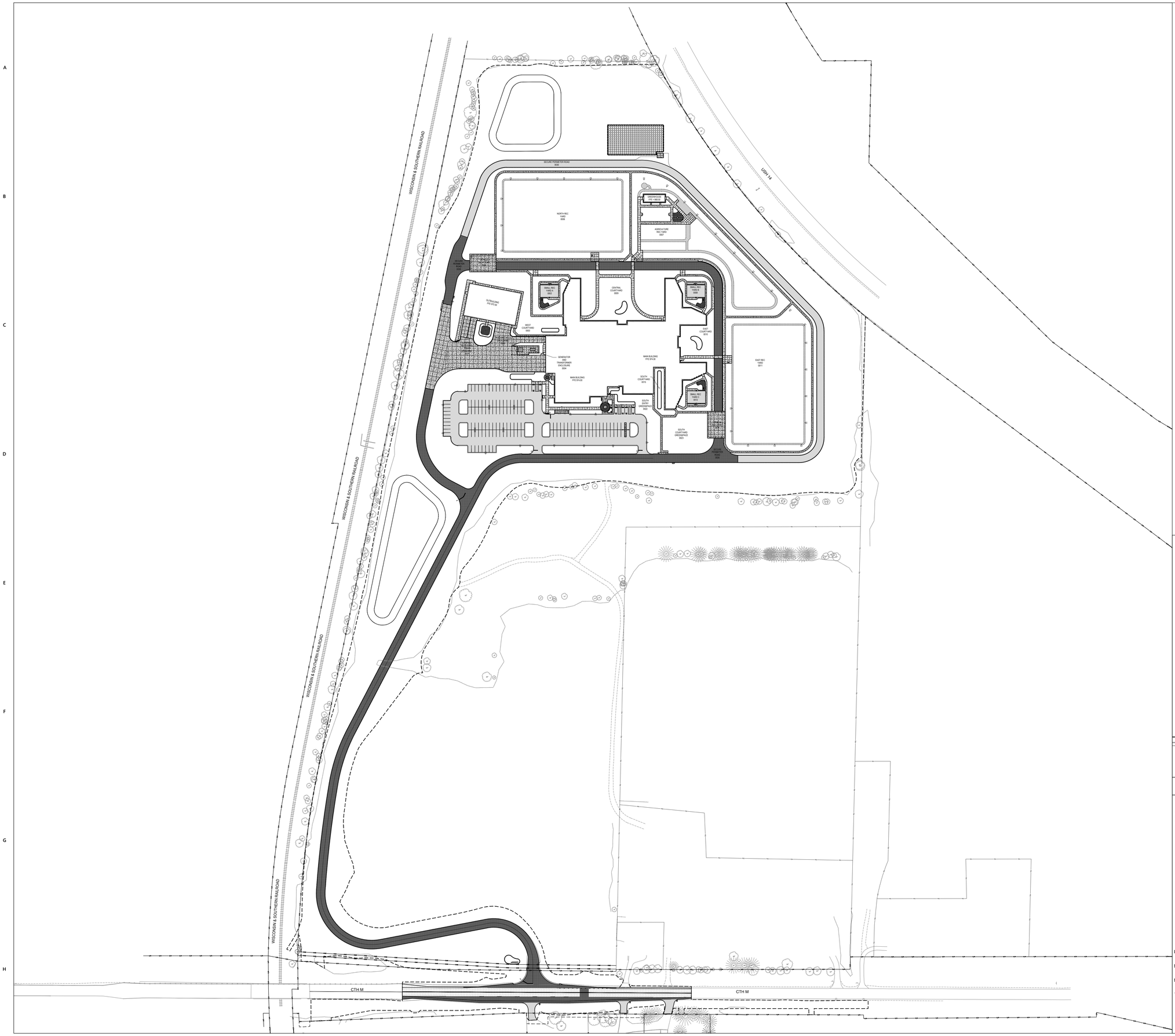
_____
REGISTER OF DEEDS

SURVEYED BY:
JSD
MADISON REGIONAL OFFICE
507 W. VERONA AVENUE, SUITE 500
VERONA, WISCONSIN 53593
P. 608.848.5060

SURVEYED FOR:
BWBR ARCHITECTS, INC
380 SAINT PAUL ST., STE 600
ST. PAUL, MN. 55102

PROJECT NO:	25-15037	SURVEYED BY:	-
FB/PG:	-	DRAWN BY:	JK
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BWBR

1 South Pinckney Street, Ste. 500
Madison, WI 53703
608.829.3701
bwbr.com

BWBR Commission Number: P.2300288.00

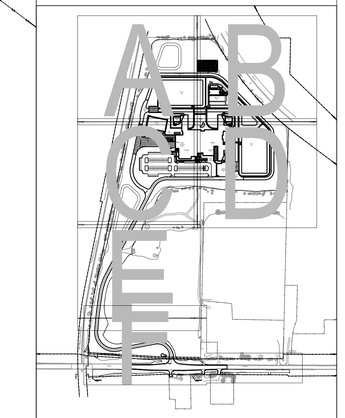
Consultant:

kapur

4654 S BILTMORE LN
MADISON, WI 53718
608.673.4400
KAPURINC.COM

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

NORTH



KEY INDEX

PROJECT LIMITS

R/W — RIGHT OF WAY

NOTE:
REFER TO SITE LANDSCAPE PLANS FOR MORE INFORMATION ON RESTORATION OF DISTURBED AREAS WITHIN PROJECT LIMITS.

- ASPHALTIC CONCRETE PAVEMENT (LIGHT DUTY) — 1 / C801
- ASPHALTIC CONCRETE PAVEMENT (HEAVY DUTY) LOCATE PAVING JOINTS ALONG LANE LINE OR CENTERLINE PAVEMENT MARKINGS — 1 / C801
- CONCRETE. JOINTS SHALL BE HAND TOOLED AND SAWCUT. — 2 / C801, 5 / C801
- HEAVY DUTY CONCRETE. JOINTS SHALL BE SAWCUT. — 2 / C801, 5 / C801
- LIMESTONE SCREENINGS PATH — 4 / C801
- EXISTING ASPHALT PAVEMENT TO BE MILLED 2" & OVERLAID.
- PV FIELD (100 KW)
- 18-INCH CONCRETE CURB & GUTTER (REJECT) — 6 / C801
- 18-INCH CONCRETE CURB & GUTTER (ACCEPT) — 6 / C801
- 18-INCH CONCRETE CURB & GUTTER (DEPRESSED) — 7 / C801
- SITE FENCING. REFER TO ARCHITECTURAL FOR MORE INFORMATION.
- SITE LIGHTING. REFER TO SITE ELECTRICAL PLAN (SHEET E901) FOR MORE INFORMATION.
- 24-INCH MOUNTABLE CURB & GUTTER UNLESS OTHERWISE NOTED — 1 / C801

State of Wisconsin
Department of Administration
Division of Facilities Development

FITCHBURG, WI

TYPE 1 JUVENILE CORRECTIONS FACILITY
DEPARTMENT OF CORRECTIONS
FITCHBURG, WISCONSIN

Sheet Title: SITE LAYOUT PLAN OVERVIEW

Revisions:

Item	Date	Description

Graphic Scale: 0 50' 100' 150'

DFD Project Number: 23G1L

Set Type: BD

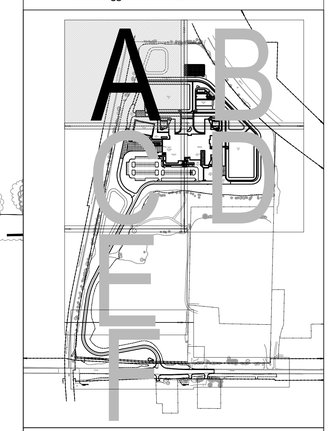
Date Issued: 05/22/2026

Sheet Number: C300

MATCH LINE - A
MATCH LINE - B

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WISCONSIN & SOUTHERN RAILROAD

SECURE PERIMETER ROAD
0030

NORTH REC YARD
0006

SECURE PERIMETER ROAD
0030

VEHICLE SALLY PORT,
0001

SMALL REC YARD A
0002

OUTBUILDING
FFE 973.50

CONCRETE MOW STRIP (TYP.)
SEE DETAIL 5C/A213

CONCRETE MAINTENANCE EDGE (TYP.)
SEE DETAIL 12/L300

18-INCH CURB AND GUTTER (TYP.)

MATCH LINE - A
MATCH LINE - C

KEY INDEX

- PROJECT LIMITS
- R/W — RIGHT OF WAY

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7. 6" DIAMETER BOLLARDS — 1/C802
8. ACCESSIBILITY RAMP WITH TRUNCATED DOME DETECTABLE WARNING FIELDS — 10/C801
9. ACCESSIBLE PARKING STALLS — 1/C802
10. ACCESSIBLE PARKING STALLS — 2/C802
11. ACCESSIBLE PARKING SIGN — 3/C802
12. BASKETBALL POLE AND NET FOUNDATIONS. REFER TO LANDSCAPING PLANS SHEET L220 FOR MORE INFO.
13. COLORED AND PATTERNED CONCRETE. JOINTS SHALL BE SAWCUT.
14. STORMWATER WET POND. REFER TO GRADING PLANS (SHEETS C500–C500F) & SITE STORM SEWER PLANS (C610–C610D) FOR MORE INFORMATION.
15. 8" WIDE RETAINING WALL. REFER TO DETAIL C5/S509.5 FOR STRUCTURAL INFORMATION. REFER TO DETAILS 3H/A568 & 4F/A568 FOR RAILING INFORMATION.
16. TRASH ENCLOSURE AND EQUIPMENT AREA
17. BARRIER ARM VEHICLE GATE. REFER TO SITE SECURITY SITE PLAN (D901) FOR MORE INFORMATION.
18. 36-INCH MOUNTABLE CURB AND GUTTER
19. BUILDING STOOP. REFER TO STRUCTURAL PLANS FOR MORE INFORMATION.
20. PAVEMENT MARKING WORDS, "MOTORCYCLE PARKING" LATEX PAVEMENT MARKING, WHITE — 10/C802
21. PAVEMENT MARKING STOP LINE, EPOXY PAVEMENT MARKING, 18" WHITE
22. PAVEMENT MARKING MAINLINE, EPOXY PAVEMENT MARKING, 4" SOLID YELLOW SINGLE OR DOUBLE AS SHOWN.
23. PAVEMENT MARKING MAINLINE, EPOXY PAVEMENT MARKING, 4" SOLID OR DASHED WHITE AS SHOWN.
24. STOP SIGN (R1-1) — 5/C802
25. "MOTORCYCLE PARKING ONLY" 12" X 18" SIGN GREEN LETTERING & BORDER ON WHITE BACKGROUND. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION. — 5/C802
26. CONTRACTOR TO TEMPORARILY RELOCATE MAILBOX DURING ROADWAY CONSTRUCTION. COORDINATE WITH LOCAL POST OFFICE.
27. 3/4-INCH BASE AGGREGATE DENSE SHOULDER
28. EV CHARGING STATION SIGN — 9/C802
29. 4" 3/4-INCH DENSE GRADED BASE OVER 8" 1-1/4-INCH DENSE GRADED BASE
30. MONUMENT SIGN. REFER TO SHEET A212 FOR MORE INFORMATION.
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32. UMBRELLA BASE BY OTHERS. REFER TO SITE LANDSCAPE PLANS FOR MORE INFORMATION.
33. EXTRUDED CONCRETE BED EDGE. REFER TO LANDSCAPE PLANS FOR MORE INFORMATION. — 10/L300
34. 2' WIDE MOW EDGE CURB CUT. REFER TO LANDSCAPE PLANS FOR MORE INFORMATION. — 10/L300

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State of Wisconsin
Department of Administration
Division of Facilities Development

FITCHBURG, WI

TYPE 1 JUVENILE CORRECTIONS FACILITY
DEPARTMENT OF CORRECTIONS
FITCHBURG, WISCONSIN

Sheet Title: SITE LAYOUT PLAN - AREA A

Revisions:

Item	Date	Description

Graphic Scale: 0 15' 30' 45'

DFD Project Number: 23G1L

Set Type: BD

Date Issued: 05/22/2026

Sheet Number: C300A

MATCH LINE - A
MATCH LINE - B

R/W

USH 14

CONCRETE MAINTENANCE EDGE (TYP.)
SEE DETAIL 12/L300

GREENHOUSE
FFE = 968.50

AGRICULTURE
REC YARD
0007

CONCRETE MOW STRIP (TYP.)
SEE DETAIL 5C/A213

18-INCH CURB AND GUTTER
(TYP.)

CONCRETE MAINTENANCE
EDGE (TYP.)
SEE DETAIL 12/L300

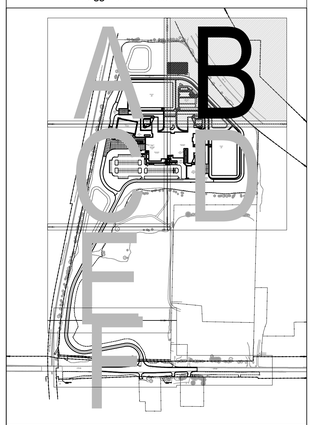
CENTRAL
COURTYARD
0009

SMALL REC
YARD B
0008

MATCH LINE - B
MATCH LINE - D

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NORTH



KEY INDEX

PROJECT LIMITS
R/W RIGHT OF WAY

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State of Wisconsin
Department of Administration
Division of Facilities Development

FITCHBURG, WI

TYPE 1 JUVENILE CORRECTIONS FACILITY
DEPARTMENT OF CORRECTIONS
FITCHBURG, WISCONSIN

Sheet Title: SITE LAYOUT PLAN - AREA B

Revisions:

Item	Date	Description

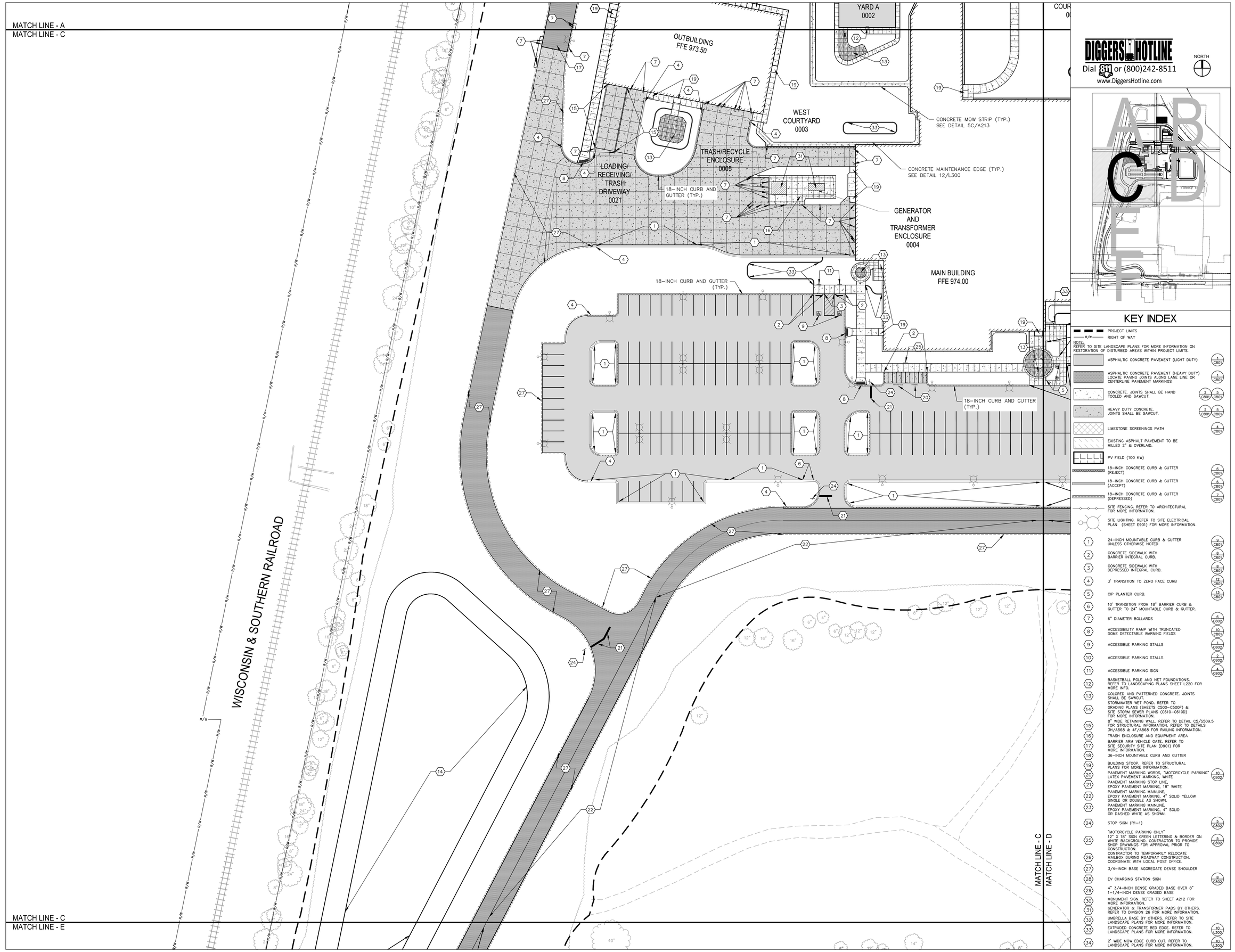
Graphic Scale: 0 15' 30' 45'

DFD Project Number	23G1L
Set Type	BD
Date Issued	05/22/2026
Sheet Number	C300B

MATCH LINE - A
MATCH LINE - C

MATCH LINE - C
MATCH LINE - E

MATCH LINE - C
MATCH LINE - D



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NORTH

KEY INDEX

- PROJECT LIMITS
- R/W — RIGHT OF WAY

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State of Wisconsin
Department of Administration
Division of Facilities Development

FITCHBURG, WI

TYPE 1 JUVENILE CORRECTIONS FACILITY
DEPARTMENT OF CORRECTIONS
FITCHBURG, WISCONSIN

Sheet Title: SITE LAYOUT PLAN - AREA C

Revisions:

Item	Date	Description

Graphic Scale	0 15' 30' 45'
DFD Project Number	23G1L
Set Type	BD
Date Issued	05/22/2026
Sheet Number	C300C

COURTYARD 0009

YARD B 0008

EAST COURTYARD 0010

CONCRETE MAINTENANCE EDGE (TYP.) SEE DETAIL 12/L300

MAIN BUILDING FFE 974.00

SOUTH COURTYARD 0015

SMALL REC YARD C 0012

SOUTH ENTRY GREENSPACE 0022

GUTTER

CONCRETE MOW STRIP (TYP.) SEE DETAIL 5C/A213

SOUTH COURTYARD GREENSPACE 0023

VEHICLE SALLYPORT 0014

SECURE PERIMETER ROAD 0030

18-INCH CURB AND GUTTER (TYP.)

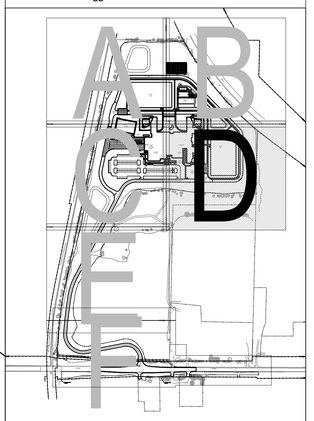
EAST REC YARD 0011

MATCH LINE - B
MATCH LINE - D

MATCH LINE - C
MATCH LINE - D

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NORTH



KEY INDEX

- PROJECT LIMITS
- R/W — RIGHT OF WAY

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State of Wisconsin
Department of Administration
Division of Facilities Development

FITCHBURG, WI

TYPE 1 JUVENILE CORRECTIONS FACILITY
DEPARTMENT OF CORRECTIONS
FITCHBURG, WISCONSIN

Sheet Title: SITE LAYOUT PLAN - AREA D

Revisions:

Item	Date	Description

Graphic Scale: 0 15' 30' 45'

DFD Project Number: 23G1L

Set Type: BD

Date Issued: 05/22/2026

Sheet Number: C300D

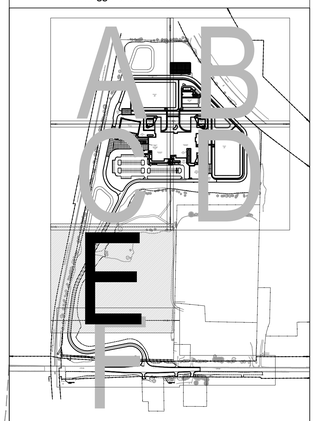
MATCH LINE - C
MATCH LINE - E



MATCH LINE - E
MATCH LINE - F

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NORTH



KEY INDEX

PROJECT LIMITS
R/W RIGHT OF WAY

NOTE:
REFER TO SITE LANDSCAPE PLANS FOR MORE INFORMATION ON RESTORATION OF DISTURBED AREAS WITHIN PROJECT LIMITS.

- ASPHALTIC CONCRETE PAVEMENT (LIGHT DUTY) — 1 C801
- ASPHALTIC CONCRETE PAVEMENT (HEAVY DUTY) LOCATE PAVING JOINTS ALONG LANE LINE OR CENTERLINE PAVEMENT MARKINGS — 1 C801
- CONCRETE. JOINTS SHALL BE HAND TOOLED AND SAWCUT. — 2 C801, 5 C801
- HEAVY DUTY CONCRETE. JOINTS SHALL BE SAWCUT. — 2 C801, 5 C801
- LIMESTONE SCREENINGS PATH — 4 C801
- EXISTING ASPHALT PAVEMENT TO BE MILLED 2" & OVERLAID.
- PV FIELD (100 KW)
- 18-INCH CONCRETE CURB & GUTTER (REJECT) — 6 C801
- 18-INCH CONCRETE CURB & GUTTER (ACCEPT) — 6 C801
- 18-INCH CONCRETE CURB & GUTTER (DEPRESSED) — 7 C801
- SITE FENCING. REFER TO ARCHITECTURAL FOR MORE INFORMATION.
- SITE LIGHTING. REFER TO SITE ELECTRICAL PLAN (SHEET E901) FOR MORE INFORMATION.

1. 24-INCH MOUNTABLE CURB & GUTTER UNLESS OTHERWISE NOTED — 9 C801
2. CONCRETE SIDEWALK WITH BARRIER INTEGRAL CURB. — 8 C801
3. CONCRETE SIDEWALK WITH DEPRESSED INTEGRAL CURB. — 8 C801
4. 3' TRANSITION TO ZERO FACE CURB — 12 C801
5. CIP PLANTER CURB. — 13 C801
6. 10' TRANSITION FROM 18" BARRIER CURB & GUTTER TO 24" MOUNTABLE CURB & GUTTER.
7. 6" DIAMETER BOLLARDS — 6 C802
8. ACCESSIBILITY RAMP WITH TRUNCATED DOME DETECTABLE WARNING FIELDS — 10 C801
9. ACCESSIBLE PARKING STALLS — 1 C802
10. ACCESSIBLE PARKING STALLS — 3 C802
11. ACCESSIBLE PARKING SIGN — 4 C802
12. BASKETBALL POLE AND NET FOUNDATIONS. REFER TO LANDSCAPING PLANS SHEET L220 FOR MORE INFO.
13. COLORED AND PATTERNED CONCRETE. JOINTS SHALL BE SAWCUT.
14. STORMWATER WET POND. REFER TO GRADING PLANS (SHEETS C500-C500F) & SITE STORM SEWER PLANS (C610-C6100) FOR MORE INFORMATION.
15. 8" WIDE RETAINING WALL. REFER TO DETAIL C5/S509.5 FOR STRUCTURAL INFORMATION. REFER TO DETAILS 3H/A568 & 4F/A568 FOR RAILING INFORMATION.
16. TRASH ENCLOSURE AND EQUIPMENT AREA
17. BARRIER ARM VEHICLE GATE. REFER TO SITE SECURITY SITE PLAN (D901) FOR MORE INFORMATION.
18. 36-INCH MOUNTABLE CURB AND GUTTER
19. BUILDING STOOP. REFER TO STRUCTURAL PLANS FOR MORE INFORMATION.
20. PAVEMENT MARKING WORDS, "MOTORCYCLE PARKING" LATEX PAVEMENT MARKING, WHITE — 10 C802
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28. EV CHARGING STATION SIGN — 8 C802
29. 4" 3/4-INCH DENSE GRADED BASE OVER 8" 1-1/4-INCH DENSE GRADED BASE
30. MONUMENT SIGN. REFER TO SHEET A212 FOR MORE INFORMATION.
31. GENERATOR & TRANSFORMER PADS BY OTHERS. REFER TO DIVISION 26 FOR MORE INFORMATION.
32. UMBRELLA BASE BY OTHERS. REFER TO SITE LANDSCAPE PLANS FOR MORE INFORMATION.
33. EXTRUDED CONCRETE BED EDGE. REFER TO LANDSCAPE PLANS FOR MORE INFORMATION. — 10 L300
34. 2' WIDE MOW EDGE CURB CUT. REFER TO LANDSCAPE PLANS FOR MORE INFORMATION. — 10 L300

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Sheet Title: SITE LAYOUT PLAN - AREA E

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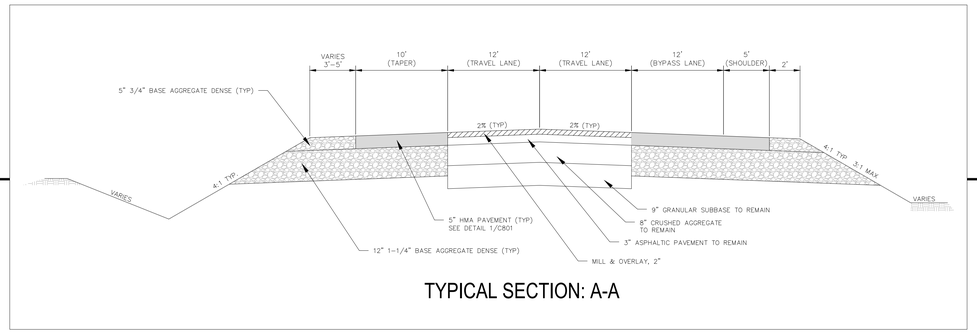
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DFD Project Number: 23G1L

Set Type: BD

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Sheet Number: C300E



TYPICAL SECTION: A-A

MATCH LINE - E
MATCH LINE - F

SEE INSET FOR CONTINUATION

CTH M

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TEMPORARY LIMITED EASEMENT

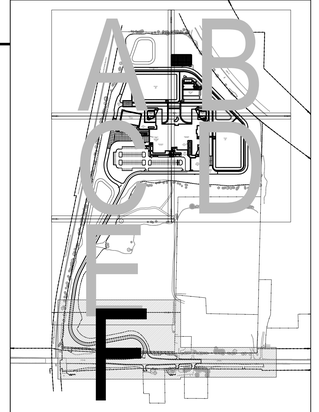
CTH M INSET
SCALE: 1" = 30'

CTH M

TEMPORARY LIMITED EASEMENT

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NORTH



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- R/W — RIGHT OF WAY

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TYPE 1 JUVENILE CORRECTIONS FACILITY
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Sheet Title: SITE LAYOUT PLAN - AREA F

Revisions:

Item	Date	Description

Graphic Scale: 0 15' 30' 45'

DFD Project Number: 23G1L

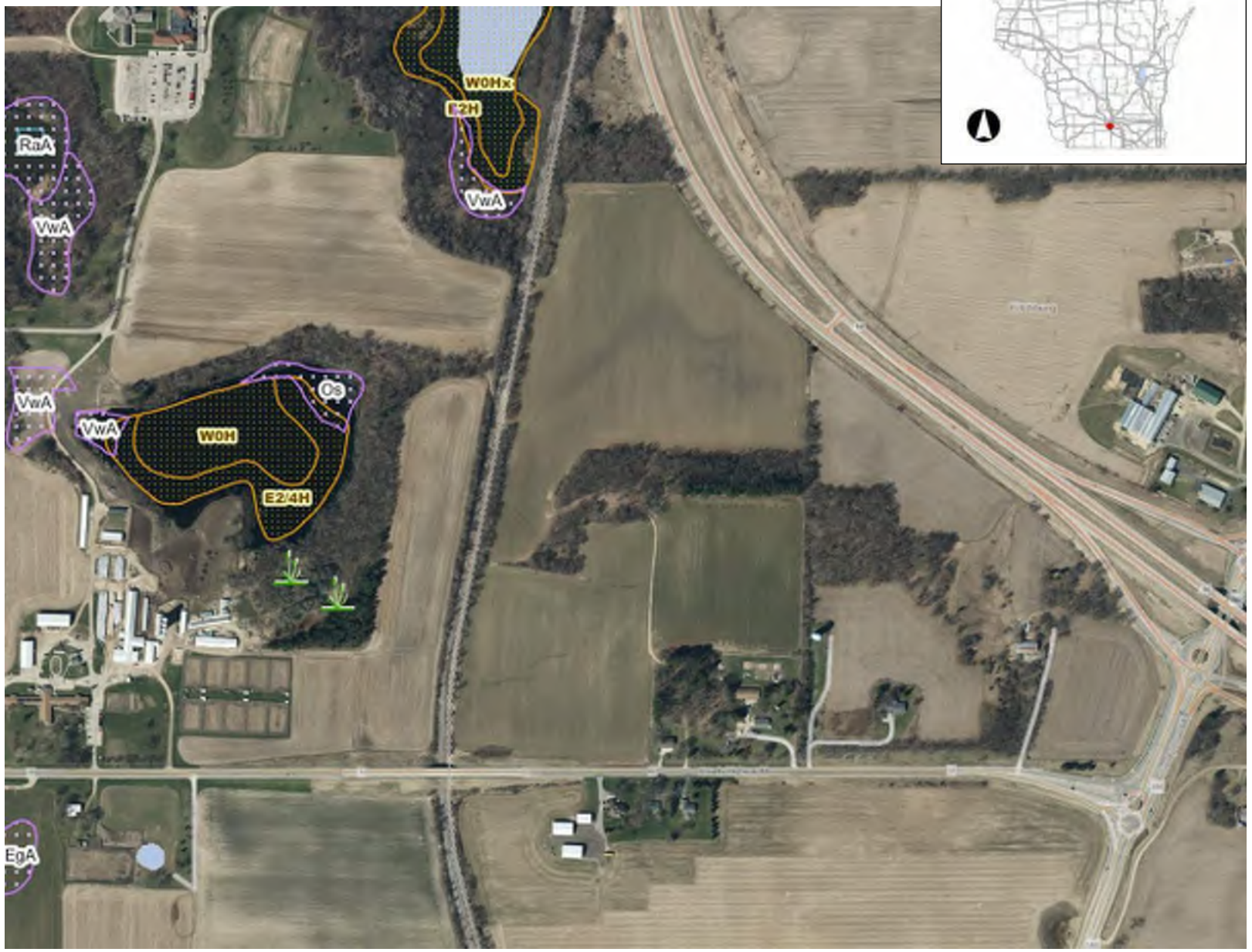
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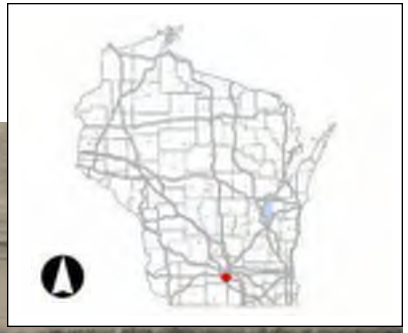
Date Issued: 05/22/2026

Sheet Number: C300F

Map 4: DNR Surface Water and Wetland Map

Figure C3 - Surface Water and Wetland Map





Legend

- Wetland Indicators
- Lake Class Areas
- Riverine/ditch Class Areas
- Wetland Class Areas
- Wetland Class Points
  - Dammed pond
  - Excavated pond
  - Filled/drained wetland
  - Wetland too small to delineate
  - Filled excavated pond
- Filled Points
- Wetland Class Areas
- Filled Areas
- Wetland Identifications and Confirmations
- NRCS Wetspots
- Municipality
- State Boundaries
- County Boundaries
- Major Roads
  - Interstate Highway
  - State Highway
  - US Highway
- County and Local Roads
  - County HWY
  - Local Road
- Railroads
- Tribal Lands
- Rivers and Streams
- Intermittent Streams
- Lakes and Open water

Notes

0.3 0 0.13 0.3 Miles

NAD_1983_HARN_Wisconsin_TM

1: 7,920

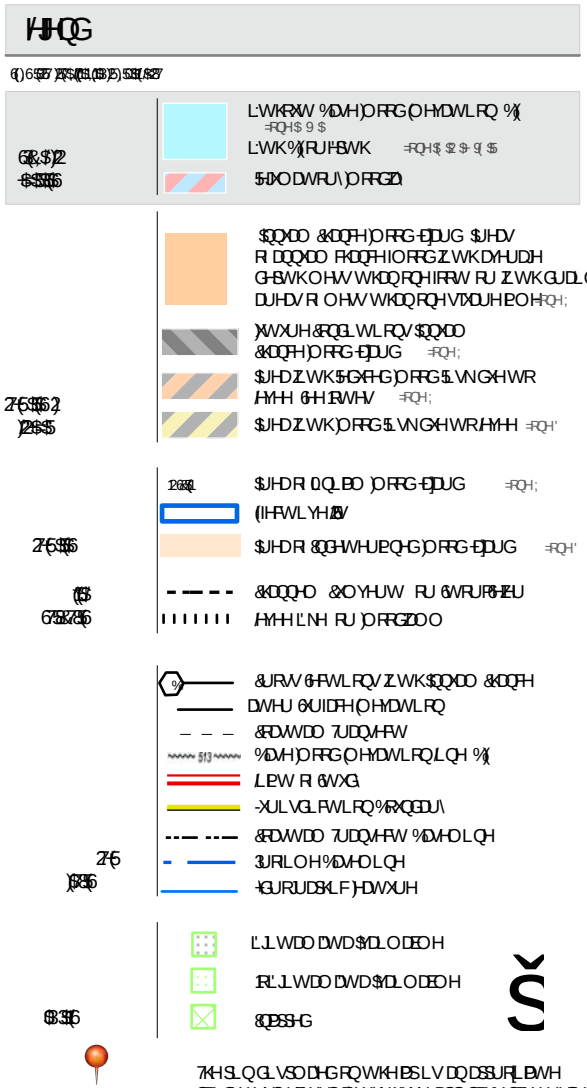
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Map 5: FEMA FIRM Map

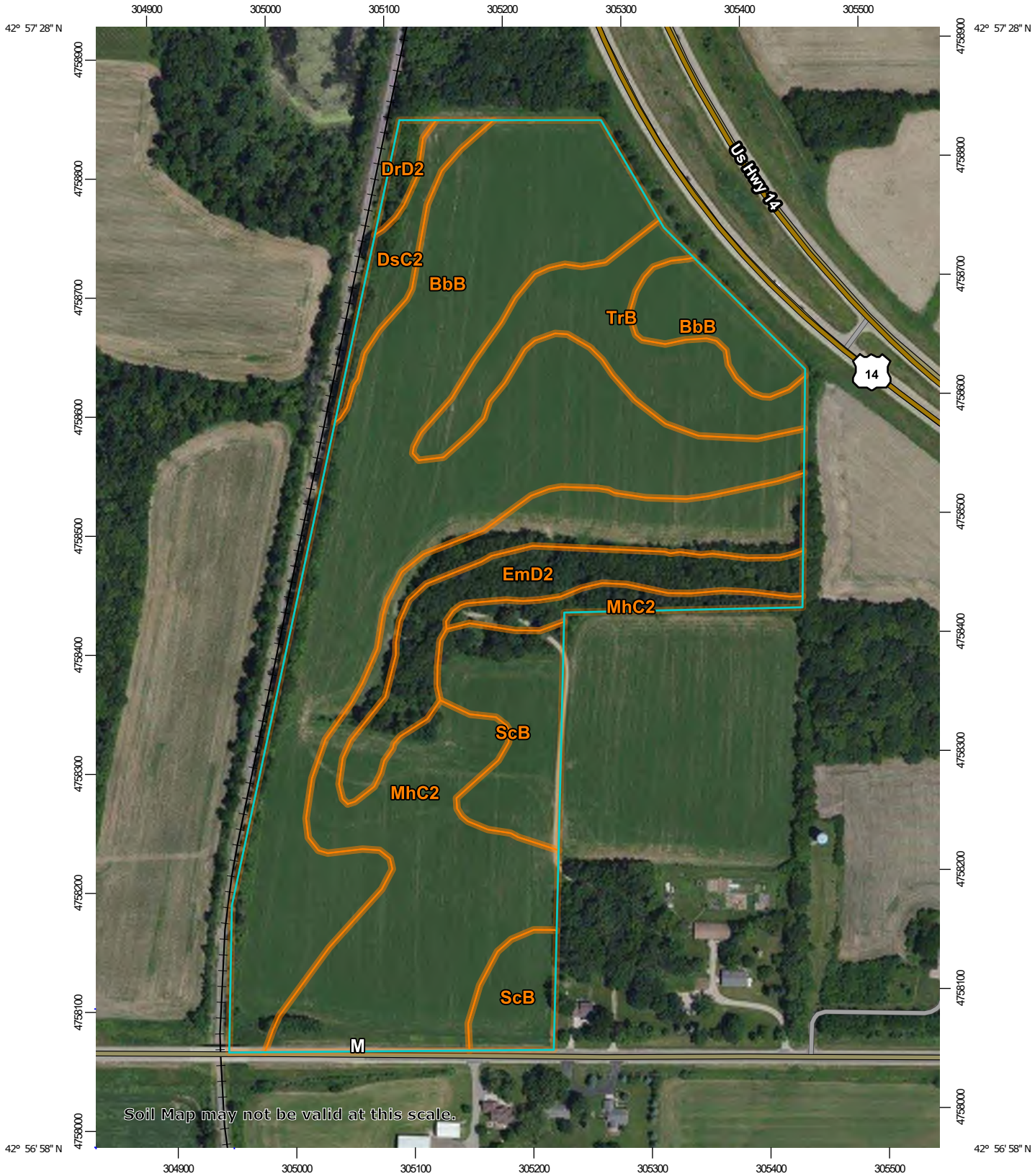
Figure C.4. 1DWLRQDO)ORRG-EDUGDHU)6WWH



)HHW


/HJHQG
L:WKRXW %DVH)ORRG(OHYDWLRQ %)(
L:WK%)(RUHSWK
5LVNDWRU\)ORRGZD
$QQXDO &KDQFH)ORRG-EDUG $UHDV
DQQXDO FKDQFHORRGZWKDYHUDJH
G-EWKOHVVWKDQRQHIRRW RU ZWKGUDLQDJ
DUHDVRIOHVVWKDQRQHVTXDUHPLOH=RQH;
)WXUH&RQGLWLRQV$QQXDO
&KDQFH)ORRG-EDUG =RQH;
$UHDZWK5HGXHG)ORRG5LVNGHWR
/HYHH6HH1RWHV/ =RQH;
$UHDZWK)ORRG5LVNGHWR/HYHH =RQH'
$UHDRIQLBO)ORRG-EDUG =RQH;
(IIHFWLYH%DV
$UHDR8QHWHUPLQHG)ORRG-EDUG =RQH'
&KDQQHO &OYHUW RU 6WUXFWXUH
/HYHH L'NH RU)ORRGZDOO
&URVV6HFWLRQ ZWK$QQXDO &KDQFH
DWHU 6XUIDFH(OHYDWLRQ
&RDWDO 7UDQVHFW
%DVH)ORRG(OHYDWLRQ/LQH %)(
/LPLW R 6WUXG
-XULVGLFWLRQ%RXQGDU\
&RDWDO 7UDQVHFW %DVHOLQH
3URILOH%DVHOLQH
+GURUDBKLF)DWXUH
L'LWDO DWD$YDLODEOH
1R'LWDO DWD$YDLODEOH
8QPDSSHG
7KHSLQGLVSODHGRQWKHPDSLV DQDSSUR[LPDWH
SRQW VHOHFWHGEWKHXHU DQGGRHV QRW UHSUHV
DQDWKRULWDWLYHSURSHUW\ORFDWLRQ
7KLVPSFRROLHVZWK$VVWDQGDUGIRU WKHXHR
GL.LWDO IORRGPS/LI LW LVQRW YRLGDV/GHVFULEHGEHORZ
7KHDMHPS\VKRZQFRROLHVZWK$VEDHPS
DFFXUDWVWDQGDUG/
7KHIORRGKDUGLQRUPWLRQLV GHULYHGGLUHFWO\IURPWKH
DWKRULWDWLYHJEEVHUYLHV/SURYLGHGEW$ 7KLVPS
ZVHSRUWHGRQ DW 3 DQGGRHV QRW
UHOHFW FKDQHV RU DQGRQWV VXEVHXHQW WR WKLVGDWH DQG
WLFI 7KHJHDQGHIHFWLYHQRUPWLRQPWKRQ EHFRVXSUVHGEQHZGDWDRYHU WLFI
7KLVPSLBHLV YRLGLI WKHRQHRU RUHR WKHIOORZLQJPS
HOHQWV GR QRW DSSHDU EDHPSLBHU\ IORRGRQHODEHOV
OHHQG VFDOHEDU PSFRHDWLRQGDWH FRRQL W\LGHQWLILHUV
)5$QHO QXEU DQG)5HIHFWLYHGWH DSLBHV IRU
XQPSSHGDQGXQRGHUQG DUHDV FDQQRW EHXVHGIRU
UHDOWRU\SUSRVHV
%DVHPS,PDU\6RXUH 86DWLRQDO DS

Map 6: Soils Map and Descriptions



Map Scale: 1:4,590 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 50 100 200 300

Feet: 0 200 400 800 1200

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Dane County, Wisconsin
Survey Area Data: Version 22, Sep 8, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 13, 2020—Jul 31, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BbB	Batavia silt loam, gravelly substratum, 2 to 6 percent slopes	26.0	44.7%
DrD2	Dresden loam, 12 to 20 percent slopes, eroded	0.5	0.9%
DsC2	Dresden silt loam, 6 to 12 percent slopes, eroded	1.6	2.8%
EmD2	Elkmound sandy loam, 12 to 20 percent slopes, eroded	4.2	7.3%
MhC2	Military loam, 6 to 12 percent slopes, eroded	15.6	26.8%
ScB	St. Charles silt loam, 2 to 6 percent slopes	5.0	8.6%
TrB	Troxel silt loam, 0 to 3 percent slopes	5.1	8.8%
Totals for Area of Interest		**58.1**	**100.0%**

Dane County, Wisconsin

BbB—Batavia silt loam, gravelly substratum, 2 to 6 percent slopes

Map Unit Setting

National map unit symbol: t919
Elevation: 750 to 1,200 feet
Mean annual precipitation: 28 to 33 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 135 to 160 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Batavia, gravelly substratum, and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Batavia, Gravelly Substratum

Setting

Landform: Outwash plains
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Deep loess over loamy outwash

Typical profile

H1 - 0 to 10 inches: silt loam
H2 - 10 to 44 inches: silty clay loam
H3 - 44 to 50 inches: gravelly clay loam
H4 - 50 to 60 inches: gravelly coarse sand

Properties and qualities

Slope: 2 to 6 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: High (about 9.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: B
Ecological site: F095XB010WI - Loamy and Clayey Upland

Forage suitability group: High AWC, adequately drained (G095BY008WI)
Other vegetative classification: High AWC, adequately drained (G095BY008WI)
Hydric soil rating: No

Data Source Information

Soil Survey Area: Dane County, Wisconsin
Survey Area Data: Version 22, Sep 8, 2023

Dane County, Wisconsin

DsC2—Dresden silt loam, 6 to 12 percent slopes, eroded

Map Unit Setting

National map unit symbol: 2wspw
Elevation: 750 to 1,180 feet
Mean annual precipitation: 31 to 35 inches
Mean annual air temperature: 45 to 48 degrees F
Frost-free period: 132 to 185 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Dresden, eroded, and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Dresden, Eroded

Setting

Landform: Plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy glaciofluvial deposits over calcareous sandy and gravelly outwash

Typical profile

Ap - 0 to 8 inches: silt loam
Bt1 - 8 to 25 inches: clay loam
2Bt2 - 25 to 30 inches: gravelly sandy clay loam
2C - 30 to 79 inches: stratified gravel to coarse sand

Properties and qualities

Slope: 6 to 12 percent
Depth to restrictive feature: 29 to 40 inches to strongly contrasting textural stratification
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 20 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Low (about 5.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: B
Ecological site: F095XB007WI - Loamy Upland with Carbonates
Forage suitability group: Mod AWC, adequately drained (G095BY005WI)
Other vegetative classification: Mod AWC, adequately drained (G095BY005WI)
Hydric soil rating: No

Minor Components

Casco, eroded
Percent of map unit: 5 percent
Landform: Moraines
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Linear
Across-slope shape: Concave
Ecological site: F095XB007WI - Loamy Upland with Carbonates
Hydric soil rating: No

Kegonsa
Percent of map unit: 5 percent
Landform: Plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: F095XB010WI - Loamy and Clayey Upland
Hydric soil rating: No

Data Source Information

Soil Survey Area: Dane County, Wisconsin
Survey Area Data: Version 22, Sep 8, 2023

Dane County, Wisconsin

EmD2—Elkmound sandy loam, 12 to 20 percent slopes, eroded

Map Unit Setting

National map unit symbol: t92l
Elevation: 800 to 1,180 feet
Mean annual precipitation: 31 to 39 inches
Mean annual air temperature: 41 to 50 degrees F
Frost-free period: 120 to 190 days
Farmland classification: Not prime farmland

Map Unit Composition

Elkmound and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Elkmound

Setting

Landform: Hills
Landform position (two-dimensional): Shoulder, backslope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Thin loamy residuum over sandy residuum weathered from sandstone

Typical profile

H1 - 0 to 7 inches: sandy loam
H2 - 7 to 17 inches: sandy loam
2Cr - 17 to 60 inches: weathered bedrock

Properties and qualities

Slope: 12 to 20 percent
Depth to restrictive feature: 10 to 20 inches to paralithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to high (0.14 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: D
Ecological site: F105XY012WI - Shallow Loamy-Silty Upland
Forage suitability group: Low AWC, adequately drained with limitations (G105XY003WI)

Other vegetative classification: Low AWC, adequately drained with limitations (G105XY003WI)
Hydric soil rating: No

Data Source Information

Soil Survey Area: Dane County, Wisconsin
Survey Area Data: Version 22, Sep 8, 2023

Dane County, Wisconsin

ScB—St. Charles silt loam, 2 to 6 percent slopes

Map Unit Setting

National map unit symbol: 2szdy
Elevation: 630 to 1,240 feet
Mean annual precipitation: 29 to 37 inches
Mean annual air temperature: 45 to 48 degrees F
Frost-free period: 127 to 178 days
Farmland classification: All areas are prime farmland

Map Unit Composition

St. charles and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of St. Charles

Setting

Landform: Till plains
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Crest
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Loess over glacial loamy till

Typical profile

Ap - 0 to 9 inches: silt loam
Bt1 - 9 to 48 inches: silt loam
2Bt2 - 48 to 54 inches: sandy loam
2C - 54 to 79 inches: gravelly sandy loam

Properties and qualities

Slope: 2 to 6 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: About 40 to 60 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 20 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: High (about 11.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e

Hydrologic Soil Group: B
Ecological site: F095XB010WI - Loamy and Clayey Upland
Forage suitability group: High AWC, adequately drained (G095BY008WI)
Other vegetative classification: High AWC, adequately drained (G095BY008WI)
Hydric soil rating: No

Minor Components

St. charles, moderately well drained
Percent of map unit: 8 percent
Landform: Till plains
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Concave
Across-slope shape: Concave
Ecological site: F095XB010WI - Loamy and Clayey Upland
Other vegetative classification: High AWC, adequately drained (G095BY008WI)
Hydric soil rating: No

Virgil
Percent of map unit: 4 percent
Landform: Till plains
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Concave
Across-slope shape: Linear
Ecological site: F095XB005WI - Moist Loamy or Clayey Lowland
Hydric soil rating: No

Pella
Percent of map unit: 3 percent
Landform: Drainageways
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave
Across-slope shape: Concave
Ecological site: F095XB004WI - Wet Loamy or Clayey Lowland
Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Dane County, Wisconsin
Survey Area Data: Version 22, Sep 8, 2023

Dane County, Wisconsin

TrB—Troxel silt loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2wsqw
Elevation: 750 to 1,150 feet
Mean annual precipitation: 31 to 37 inches
Mean annual air temperature: 45 to 66 degrees F
Frost-free period: 110 to 185 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Troxel, wet substratum, and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Troxel, Wet Substratum

Setting

Landform: Depressions, moraines
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Base slope
Down-slope shape: Linear
Across-slope shape: Concave
Parent material: Silty colluvium

Typical profile

Ap - 0 to 31 inches: silt loam
Bt - 31 to 54 inches: silty clay loam
BC - 54 to 79 inches: silt loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: About 36 to 72 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Very high (about 12.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 1
Hydrologic Soil Group: B
Ecological site: F095XB010WI - Loamy and Clayey Upland

Forage suitability group: High AWC, adequately drained (G095BY008WI)
Other vegetative classification: High AWC, adequately drained (G095BY008WI)
Hydric soil rating: No

Minor Components

Elburn

Percent of map unit: 8 percent
Landform: Drainageways
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave
Across-slope shape: Linear
Ecological site: F095XB002WI - Wet Floodplain
Other vegetative classification: High AWC, high water table (G095BY007WI)
Hydric soil rating: No

Plano

Percent of map unit: 7 percent
Landform: Till plains
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: F095XB010WI - Loamy and Clayey Upland
Other vegetative classification: High AWC, adequately drained (G095BY008WI)
Hydric soil rating: No

Data Source Information

Soil Survey Area: Dane County, Wisconsin
Survey Area Data: Version 22, Sep 8, 2023

Dane County, Wisconsin

MhC2—Military loam, 6 to 12 percent slopes, eroded

Map Unit Setting

National map unit symbol: t93s
Elevation: 840 to 1,120 feet
Mean annual precipitation: 28 to 33 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 135 to 160 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Military and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Military

Setting

Landform: Hills
Landform position (two-dimensional): Shoulder, backslope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Glacial till over sandstone

Typical profile

H1 - 0 to 9 inches: loam
H2 - 9 to 33 inches: sandy loam
H3 - 33 to 60 inches: unweathered bedrock

Properties and qualities

Slope: 6 to 12 percent
Depth to restrictive feature: 20 to 40 inches to paralithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to high (0.14 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: C
Ecological site: F095XB006WI - Shallow Upland
Forage suitability group: Mod AWC, adequately drained (G095BY005WI)

Other vegetative classification: Mod AWC, adequately drained (G095BY005WI)
Hydric soil rating: No

Data Source Information

Soil Survey Area: Dane County, Wisconsin
Survey Area Data: Version 22, Sep 8, 2023

Dane County, Wisconsin

DrD2—Dresden loam, 12 to 20 percent slopes, eroded

Map Unit Setting

National map unit symbol: 2wspx
Elevation: 790 to 1,120 feet
Mean annual precipitation: 31 to 35 inches
Mean annual air temperature: 45 to 48 degrees F
Frost-free period: 110 to 172 days
Farmland classification: Not prime farmland

Map Unit Composition

Dresden, eroded, and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Dresden, Eroded

Setting

Landform: Plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy drift over calcareous sandy and gravelly outwash

Typical profile

Ap - 0 to 6 inches: loam
Bt1 - 6 to 22 inches: sandy clay loam
2Bt2 - 22 to 26 inches: very gravelly sandy clay loam
2C - 26 to 79 inches: stratified very gravelly coarse sand

Properties and qualities

Slope: 12 to 20 percent
Depth to restrictive feature: 24 to 40 inches to strongly contrasting textural stratification
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 20 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Low (about 4.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: B
Ecological site: F095XB007WI - Loamy Upland with Carbonates
Forage suitability group: Mod AWC, adequately drained with limitations (G095BY006WI)
Other vegetative classification: Mod AWC, adequately drained with limitations (G095BY006WI)
Hydric soil rating: No

Minor Components

Casco, eroded
Percent of map unit: 6 percent
Landform: Moraines
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Linear
Across-slope shape: Concave
Ecological site: F095XB007WI - Loamy Upland with Carbonates
Hydric soil rating: No

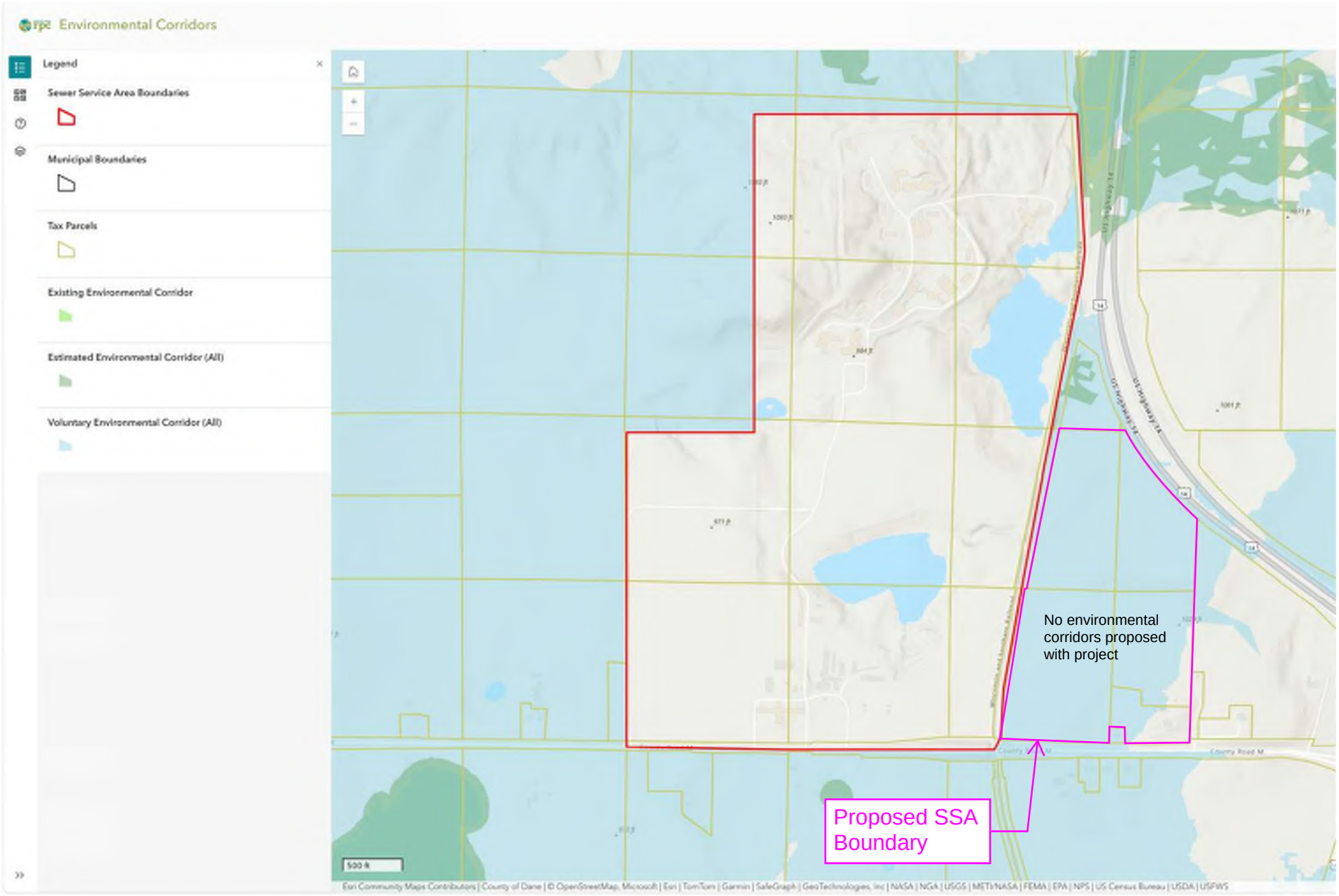
Lorenzo, eroded
Percent of map unit: 4 percent
Landform: Plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: F095XB007WI - Loamy Upland with Carbonates
Hydric soil rating: No

Data Source Information

Soil Survey Area: Dane County, Wisconsin
Survey Area Data: Version 22, Sep 8, 2023

Map 7: CARPC Environmental Corridor Map

CARPC Environmental Corridor Open Data Portal



Map 8: Utility Overview Map

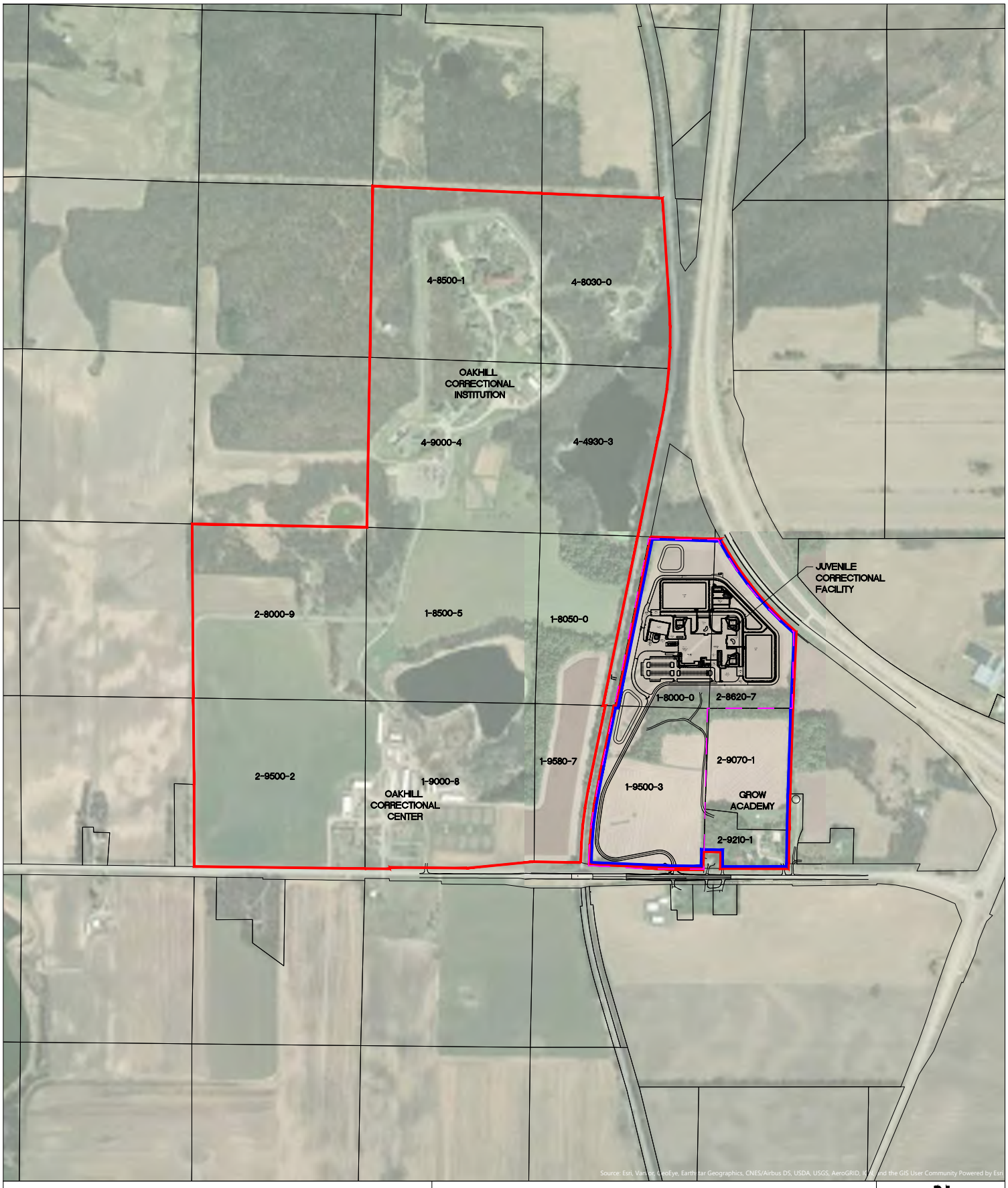


EXHIBIT A

LEGEND

TERRITORY SERVED BY VILLAGE OF OREGON (SANITARY)

TERRITORY SERVED BY VILLAGE OF OREGON (WATER)

N

0' 250' 500' 750'

07/21/2026

Map 8a: Utility Detail Map

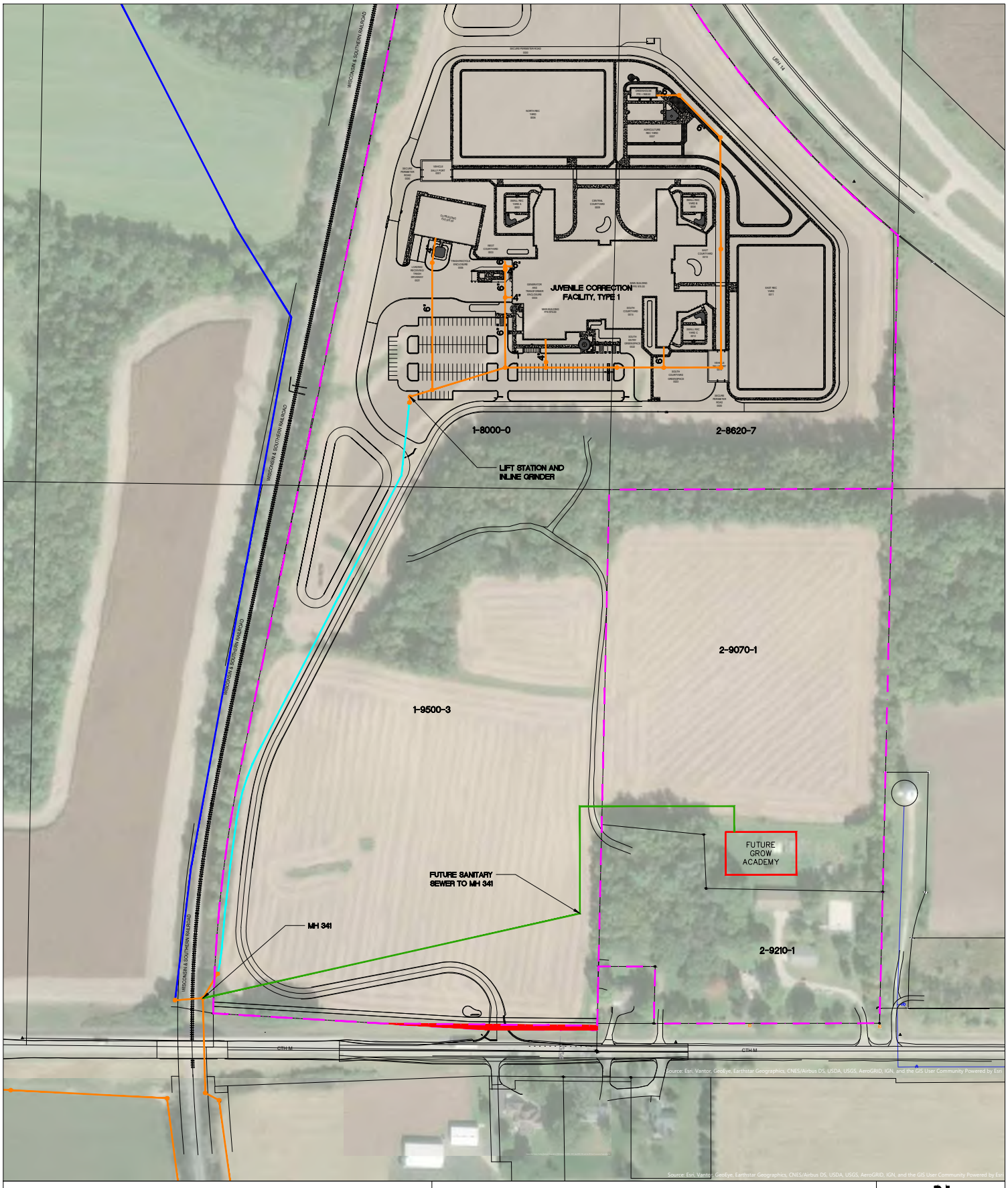


EXHIBIT B

LEGEND

- 3" SANITARY SEWER FORCE MAIN
- GRAVITY SEWER MAIN (8" UNLESS NOTED OTHERWISE)
- SANITARY FORCE MAIN FROM OAKHILL CORRECTIONAL INSTITUTION
- FUTURE SANITARY SEWER FOR GROW ACADEMY
- DEPARTMENT OF CORRECTIONS PROPERTY (JCF TYPE 1 AND GROW)

N

0' 75' 150' 225'

07/21/2026

Map 9: Sanitary Sewer System Village of Oregon

6DQLWDU\ 6HZHU 6\VWHP
9LOODJH RI 2UHJRQ

Richard RD Lift Station

Amendment Area Sewer Rotue

Amendment Area

Oregon WWTF

Map 10 : Pre-Development Drainage Map



Scale: 0 50 100 200
Scale: 1" = 100'

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LEGEND
SWMP LIMITS

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BWBR Commission Number: P.2300288.00

Consultant:
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State of Wisconsin
Department of Administration
Division of Facilities Development

TYPE 1 JUVENILE CORRECTIONS FACILITY
DEPARTMENT OF CORRECTIONS
FITCHBURG, WISCONSIN

FITCHBURG, WI

Sheet Title: PRE-DEVELOPED SITE DRAINAGE CONDITIONS

Revisions:

Item	Date	Description
PR	09/12/2025	PRELIMINARY REVIEW
FR	03/27/2026	FINAL REVIEW
BD	03/27/2026	BID DOCUMENTS

Graphic Scale	0 50' 100' 150'
DFD Project Number	23G1L
Set Type	BD
Date Issued	05/22/2026
Sheet Number	SWMP-4

Map 11 : Post-Development Drainage Map



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BWBR Commission Number: P.2300288.00

Consultant:

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Department of Administration
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FITCHBURG, WI

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DEPARTMENT OF CORRECTIONS
FITCHBURG, WISCONSIN

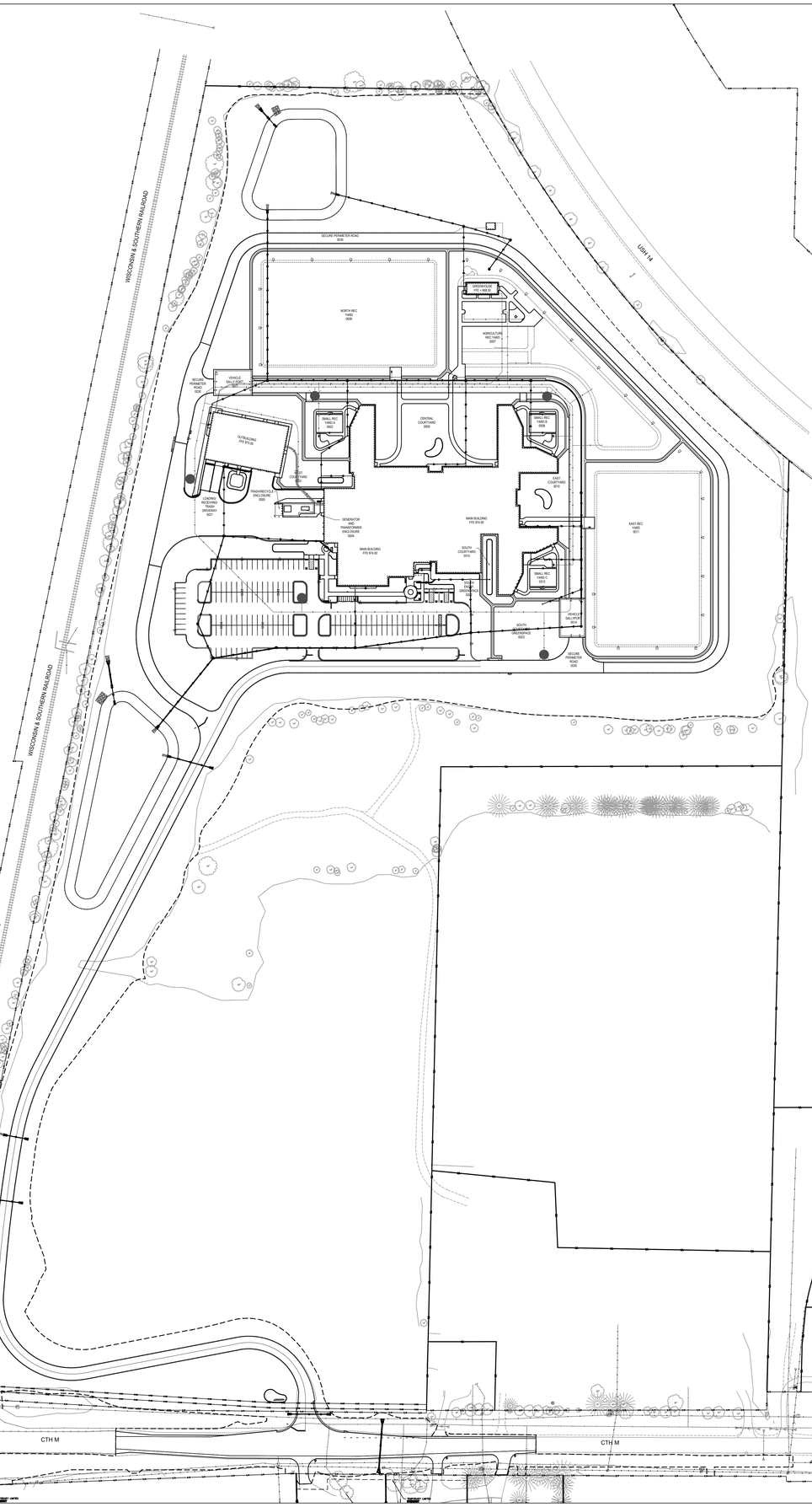
Sheet Title
POST-DEVELOPED SITE DRAINAGE CONDITIONS

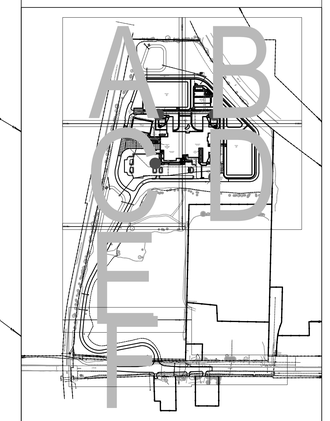
Revisions:

Item	Date	Description
PR	09/12/2025	PRELIMINARY REVIEW
FR	03/27/2026	FINAL REVIEW
BD	03/27/2026	BID DOCUMENTS

Graphic Scale	0 50' 100' 150'
DFD Project Number	23G1L
Set Type	BD
Date Issued	05/22/2026
Sheet Number	SWMP-5

Map 12 : Storm Sewer Plans





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NORTH

UTILITY NOTES

1. PER PROJECT SPECIFICATIONS AND THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, THE POINT OF COMMENCEMENT FOR THE LAYING OF SEWER PIPE SHALL BE AT THE LOWEST POINT IN THE PROPOSED SEWER LINE. THE PIPE SHALL BE LAID WITH THE BELL END OF THE BELL AND SPIGOT PIPE, OR WITH THE RECEIVING GROOVE END OF THE TONGUE AND GROOVE PIPE, POINTING UPGRADE. WHEN A NEW SEWER IS TO BE CONNECTED TO AN EXISTING SEWER NOT TERMINATING IN A MANHOLE, THE CONTRACTOR SHALL UNCOVER THE EXISTING SEWER TO ALLOW ANY ADJUSTMENTS IN LINE AND GRADE TO BE MADE BEFORE PIPE IS LAID.
2. THE UNDERGROUND AND OVERHEAD UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES, LOCAL MUNICIPALITY, PROPERTY OWNER, AND DIGGERS HOTLINE. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
3. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL APPLY FOR AND OBTAIN ALL THEIR REQUIRED PERMITS AND APPROVALS PRIOR TO THE START OF THEIR WORK. CONSULT WITH AND OBTAIN FROM ENGINEER COPIES OF ENGINEERING DESIGN APPROVAL PERMITS, INCLUDING BUT NOT LIMITED TO WDNR, STATE OR LOCAL PLUMBING, WDOT, COUNTY, AND STORM WATER MANAGEMENT.
4. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL CONTACT DIGGER'S HOTLINE TO ALLOW THEM SUFFICIENT TIME TO LOCATE EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.
5. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR COORDINATING THEIR WORK WITH ALL OTHER CONTRACTORS.
6. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR VERIFYING OWNERSHIP OF AND COORDINATING THE DEMOLITION AND/OR RELOCATION OF ALL EXISTING UTILITIES FROM EXISTING BUILDINGS AND WITHIN THE PROJECT LIMITS, INCLUDING BUT NOT LIMITED TO ELECTRICAL/FIBER OPTIC/TELEPHONE/CABLE/GAS/WATER/SANITARY/STORM. DEMOLITION OF THIS UTILITY WORK MUST BE IN ACCORDANCE WITH ALL STATE, FEDERAL, & LOCAL REGULATIONS.
7. FOR ALL WORK, GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR REVIEWING BID DOCUMENTS, VERIFYING THE VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS, AND INCLUDE IN THEIR CONTRACT THE RELOCATION OF SAID UTILITIES (NOTED OR NOT ON THE BID DOCUMENTS) AS NECESSARY TO PROVIDE PROPER DEPTH/CLEARANCE PER UTILITY OWNER'S REQUIREMENTS.
8. JOINT TIES WILL BE REQUIRED ON THE ENDWALL AND ALL PIPE SECTIONS PER SDD08F04 ON CONCRETE PIPE UNDER CTH M. IN ALL OTHER PIPES, JOINT TIES WILL BE REQUIRED ON THE ENDWALL AND LAST 2 SECTIONS OF PIPES.

KEY INDEX

- PROJECT LIMITS
- STORM MANHOLE — 1 / C803
- STORM CATCH BASIN WITH CURB BOX FRAME & GRATE — 4 / C803
- STORM CATCH BASIN WITH CURB BOX FRAME & GRATE — 5 / C803
- NYLOPLAST DRAIN BASIN (SEE PLAN FOR SIZE)
- RCP APRON ENDWALL — 2 / C805, 3 / C805
- RIP RAP — 6 / C803
- STORM SEWER
- SAN — SANITARY SEWER
- W — WATER MAIN

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State of Wisconsin
Department of Administration
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FITCHBURG, WISCONSIN

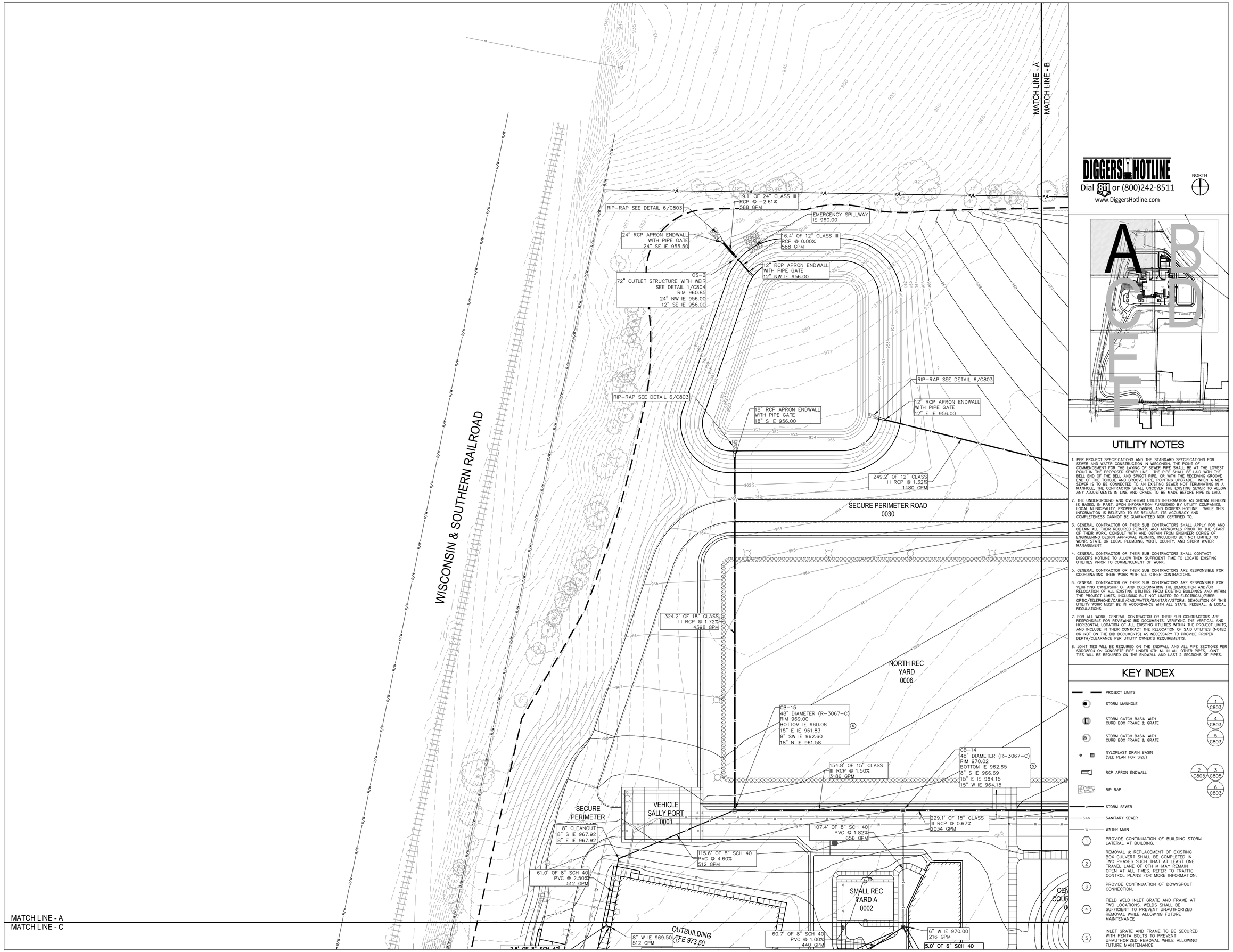
FITCHBURG, WI

Sheet Title: STORM SEWER PLAN OVERVIEW

Revisions:

Item	Date	Description

Graphic Scale	0 50' 100' 150'
DFD Project Number	23G1L
Set Type	BD
Date Issued	05/22/2026
Sheet Number	C610



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UTILITY NOTES

1. PER PROJECT SPECIFICATIONS AND THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, THE POINT OF COMMENCEMENT FOR THE LAYING OF SEWER PIPE SHALL BE AT THE LOWEST POINT IN THE PROPOSED SEWER LINE. THE PIPE SHALL BE LAID WITH THE BELL END OF THE BELL AND SPIGOT PIPE, OR WITH THE RECEIVING GROOVE END OF THE TONGUE AND GROOVE PIPE, POINTING UPGRADE. WHEN A NEW SEWER IS TO BE CONNECTED TO AN EXISTING SEWER NOT TERMINATING IN A MANHOLE, THE CONTRACTOR SHALL UNCOVER THE EXISTING SEWER TO ALLOW ANY ADJUSTMENTS IN LINE AND GRADE TO BE MADE BEFORE PIPE IS LAID.
2. THE UNDERGROUND AND OVERHEAD UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES, LOCAL MUNICIPALITY, PROPERTY OWNER, AND DIGGERS HOTLINE. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
3. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL APPLY FOR AND OBTAIN ALL THEIR REQUIRED PERMITS AND APPROVALS PRIOR TO THE START OF THEIR WORK. CONSULT WITH AND OBTAIN FROM ENGINEER COPIES OF ENGINEERING DESIGN APPROVAL PERMITS, INCLUDING BUT NOT LIMITED TO WDNR, STATE OR LOCAL PLUMBING, WDOT, COUNTY, AND STORM WATER MANAGEMENT.
4. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL CONTACT DIGGER'S HOTLINE TO ALLOW THEM SUFFICIENT TIME TO LOCATE EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.
5. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR COORDINATING THEIR WORK WITH ALL OTHER CONTRACTORS.
6. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR VERIFYING OWNERSHIP OF AND COORDINATING THE DEMOLITION AND/OR RELOCATION OF ALL EXISTING UTILITIES FROM EXISTING BUILDINGS AND WITHIN THE PROJECT LIMITS, INCLUDING BUT NOT LIMITED TO ELECTRICAL/FIBER OPTIC/TELEPHONE/CABLE/GAS/WATER/SANITARY/STORM. DEMOLITION OF THIS UTILITY WORK MUST BE IN ACCORDANCE WITH ALL STATE, FEDERAL, & LOCAL REGULATIONS.
7. FOR ALL WORK, GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR REVIEWING BID DOCUMENTS, VERIFYING THE VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS, AND INCLUDE IN THEIR CONTRACT THE RELOCATION OF SAID UTILITIES (NOTED OR NOT ON THE BID DOCUMENTS) AS NECESSARY TO PROVIDE PROPER DEPTH/CLEARANCE PER UTILITY OWNER'S REQUIREMENTS.
8. JOINT TIES WILL BE REQUIRED ON THE ENDWALL AND ALL PIPE SECTIONS PER SD008F04 ON CONCRETE PIPE UNDER CTH M. IN ALL OTHER PIPES, JOINT TIES WLL BE REQUIRED ON THE ENDWALL AND LAST 2 SECTIONS OF PIPES.

KEY INDEX

- PROJECT LIMITS
- STORM MANHOLE — 1 / C803
- STORM CATCH BASIN WITH CURB BOX FRAME & GRATE — 4 / C803
- STORM CATCH BASIN WITH CURB BOX FRAME & GRATE — 5 / C803
- NYLOPLAST DRAIN BASIN (SEE PLAN FOR SIZE)
- RCP APRON ENDWALL — 2 / C805, 3 / C805
- RIP RAP — 6 / C803
- STORM SEWER
- SAN — SANITARY SEWER
- W — WATER MAIN
- 1 — PROVIDE CONTINUATION OF BUILDING STORM LATERAL AT BUILDING.
- 2 — REMOVAL & REPLACEMENT OF EXISTING BOX CULVERT SHALL BE COMPLETED IN TWO PHASES SUCH THAT AT LEAST ONE TRAVEL LANE OF CTH M MAY REMAIN OPEN AT ALL TIMES. REFER TO TRAFFIC CONTROL PLANS FOR MORE INFORMATION.
- 3 — PROVIDE CONTINUATION OF DOWNSPOUT CONNECTION.
- 4 — FIELD WELD INLET GRATE AND FRAME AT TWO LOCATIONS. WELDS SHALL BE SUFFICIENT TO PREVENT UNAUTHORIZED REMOVAL WHILE ALLOWING FUTURE MAINTENANCE.
- 5 — INLET GRATE AND FRAME TO BE SECURED WITH PENTA BOLTS TO PREVENT UNAUTHORIZED REMOVAL WHILE ALLOWING FUTURE MAINTENANCE

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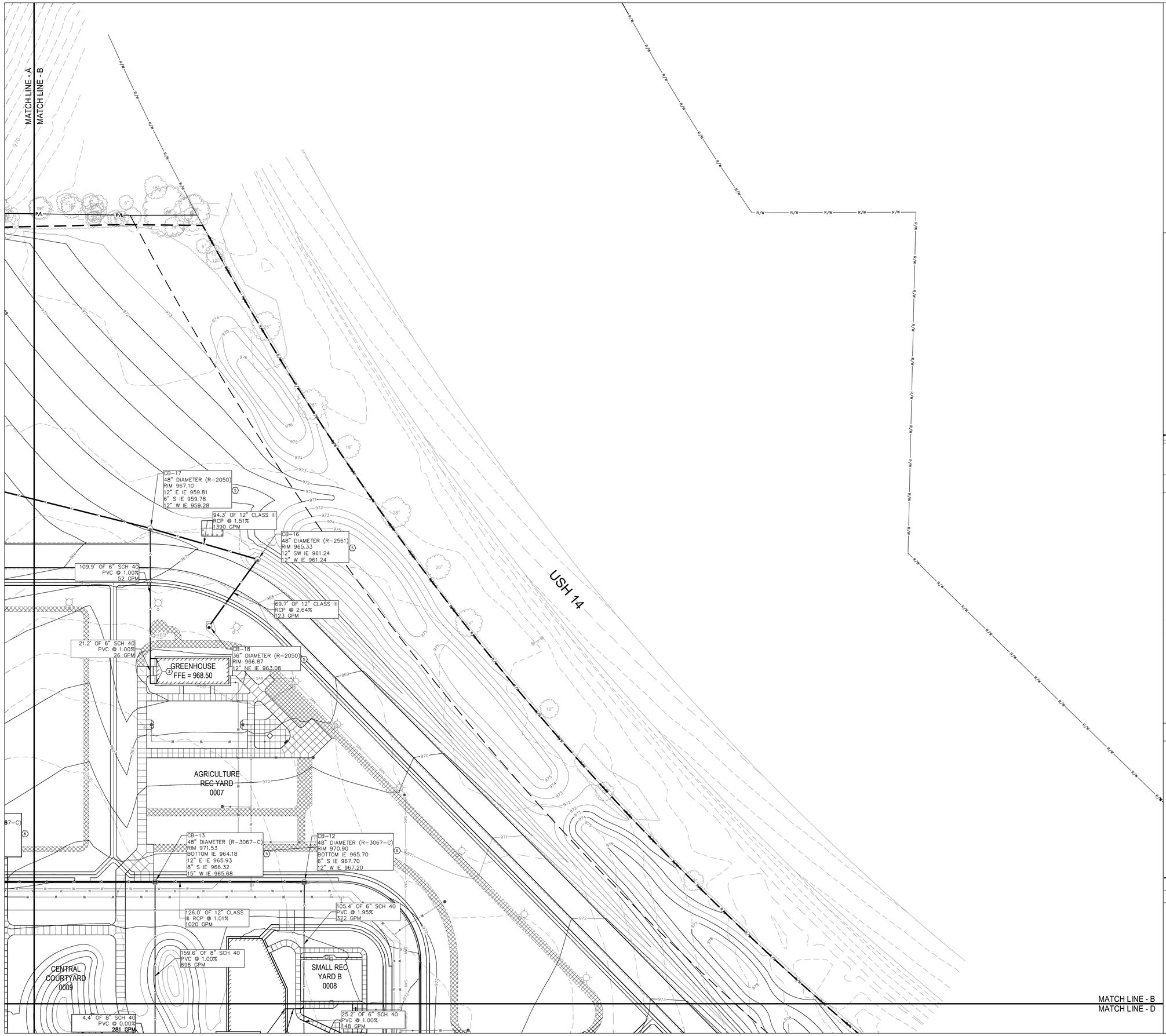
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Sheet Title: STORM SEWER PLAN - AREA A

Revisions:

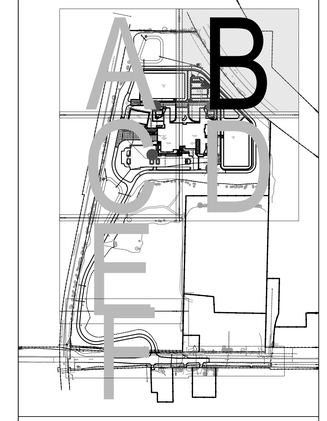
Item	Date	Description

Graphic Scale	0 15' 30' 45'
DFD Project Number	23G1L
Set Type	BD
Date Issued	05/22/2026
Sheet Number	C610A



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NORTH



UTILITY NOTES

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2. THE UNDERGROUND AND OVERHEAD UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES, LOCAL MUNICIPALITY, PROPERTY OWNER, AND DIGGERS HOTLINE. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
3. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL APPLY FOR AND OBTAIN ALL THEIR REQUIRED PERMITS AND APPROVALS PRIOR TO THE START OF THEIR WORK. CONSULT WITH AND OBTAIN FROM ENGINEER COPIES OF ENGINEERING DESIGN APPROVAL PERMITS, INCLUDING BUT NOT LIMITED TO WDNR, STATE OR LOCAL PLUMBING, WDOT, COUNTY, AND STORM WATER MANAGEMENT.
4. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL CONTACT DIGGER'S HOTLINE TO ALLOW THEM SUFFICIENT TIME TO LOCATE EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.
5. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR COORDINATING THEIR WORK WITH ALL OTHER CONTRACTORS.
6. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR VERIFYING OWNERSHIP OF AND COORDINATING THE DEMOLITION AND/OR RELOCATION OF ALL EXISTING UTILITIES FROM EXISTING BUILDINGS AND WITHIN THE PROJECT LIMITS, INCLUDING BUT NOT LIMITED TO ELECTRICAL/FIBER OPTIC/TELEPHONE/CABLE/GAS/WATER/SANITARY/STORM. DEMOLITION OF THIS UTILITY WORK MUST BE IN ACCORDANCE WITH ALL STATE, FEDERAL, & LOCAL REGULATIONS.
7. FOR ALL WORK, GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR REVIEWING BID DOCUMENTS, VERIFYING THE VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS, AND INCLUDE IN THEIR CONTRACT THE RELOCATION OF SAID UTILITIES (NOTED OR NOT ON THE BID DOCUMENTS) AS NECESSARY TO PROVIDE PROPER DEPTH/CLEARANCE PER UTILITY OWNER'S REQUIREMENTS.
8. JOINT TIES WILL BE REQUIRED ON THE ENDWALL AND ALL PIPE SECTIONS PER SDD08F04 ON CONCRETE PIPE UNDER CTH M. IN ALL OTHER PIPES, JOINT TIES WILL BE REQUIRED ON THE ENDWALL AND LAST 2 SECTIONS OF PIPES.

KEY INDEX

- PROJECT LIMITS
- STORM MANHOLE — 1 / C803
- STORM CATCH BASIN WITH CURB BOX FRAME & GRATE — 4 / C803
- STORM CATCH BASIN WITH CURB BOX FRAME & GRATE — 5 / C803
- NYLOPLAST DRAIN BASIN (SEE PLAN FOR SIZE)
- RCP APRON ENDWALL — 2 / C805, 3 / C805
- RIP RAP — 6 / C803
- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- (1) PROVIDE CONTINUATION OF BUILDING STORM LATERAL AT BUILDING.
- (2) REMOVAL & REPLACEMENT OF EXISTING BOX CULVERT SHALL BE COMPLETED IN TWO PHASES SUCH THAT AT LEAST ONE TRAVEL LANE OF CTH M MAY REMAIN OPEN AT ALL TIMES. REFER TO TRAFFIC CONTROL PLANS FOR MORE INFORMATION.
- (3) PROVIDE CONTINUATION OF DOWNSPOUT CONNECTION.
- (4) FIELD WELD INLET GRATE AND FRAME AT TWO LOCATIONS. WELDS SHALL BE SUFFICIENT TO PREVENT UNAUTHORIZED REMOVAL WHILE ALLOWING FUTURE MAINTENANCE
- (5) INLET GRATE AND FRAME TO BE SECURED WITH PENTA BOLTS TO PREVENT UNAUTHORIZED REMOVAL WHILE ALLOWING FUTURE MAINTENANCE

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BWBR Commission Number: P.2300288.00

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State of Wisconsin
Department of Administration
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FITCHBURG, WI

TYPE 1 JUVENILE CORRECTIONS FACILITY
DEPARTMENT OF CORRECTIONS
FITCHBURG, WISCONSIN

Sheet Title: STORM SEWER PLAN - AREA B

Revisions:

Item	Date	Description

Graphic Scale: 0 15' 30' 45'

DFD Project Number: 23G1L

Set Type: BD

Date Issued: 05/22/2026

Sheet Number: C610B

MATCH LINE - A
MATCH LINE - C

MATCH LINE - C
MATCH LINE - E

MATCH LINE - C
MATCH LINE - D

OUTBUILDING
FE 973.50

8" W IE 969.50 (1)
512 GPM

NEW TRENCH DRAIN (R-4990)
BOTTOM OF DRAIN MINIMUM SLOPE 0.50%
SEE DETAIL 7/C803
RIM=970.00
6" SE IE 968.82 (3)

2.8' OF 8" SCH 40 PVC @ 1.00%
512 GPM

3.0' OF 8" SCH 40 PVC @ 1.00%
512 GPM

53.4' OF 6" SCH 40 PVC @ 1.00%
16 GPM

18.7' OF 6" SCH 40 PVC @ 1.00%
70 GPM

CB-11
48" DIAMETER (R-3067-R)
RIM 973.66
BOTTOM IE 967.13
6" W IE 968.63
6" E IE 968.63
6" S IE 968.63 (5)

LOADING/
RECEIVING/
TRASH
DRIVEWAY
0021

134.2' OF 6" SCH 40 PVC @ 1.00%
151 GPM

CB-3
48" DIAMETER (R-3067-R)
RIM 971.65
BOTTOM IE 965.04
6" N IE 967.29
8" E IE 967.18
15" S IE 966.54 (5)

193.6' OF 8" SCH 40 PVC @ 0.97%
148 GPM

176.7' OF 15" CLASS III RCP @ 0.72%
2283 GPM

CB-10
48" DIAMETER (R-3067-R)
RIM 970.12
BOTTOM IE 963.35
24" E IE 964.85
24" W IE 964.85 (4)

CB-2
48" DIAMETER (R-3067-R)
RIM 970.06
BOTTOM IE 963.76
15" N IE 965.26
15" SE IE 965.26 (5)

72.6' OF 15" CLASS III RCP @ 0.80%
2724 GPM

RIP-RAP SEE DETAIL 6/C803

30" RCP APRON ENDWALL
WITH PIPE GATE
30" S IE 962.85

44.3' OF 30" CLASS III RCP @ 0.34%
6463 GPM

OS-1
72" OUTLET STRUCTURE WITH WEIR
SEE DETAIL 2/C804
RIM 968.25
12" S IE 963.00
30" N IE 963.00

29.1' OF 12" CLASS III RCP @ 0.00%
750 GPM

EMERGENCY SPILLWAY
IE 967.00

12" RCP APRON ENDWALL
WITH PIPE GATE
12" N IE 963.00

WISCONSIN & SOUTHERN RAILROAD

24" RCP APRON ENDWALL
WITH PIPE GATE
24" NE IE 963.00

RIP-RAP SEE DETAIL 6/C803

18" RCP APRON ENDWALL
WITH PIPE GATE
18" E IE 963.00

78.9' OF 18" CLASS IV RCP @ 2.79%
2872 GPM

18" RCP APRON ENDWALL
WITH PIPE GATE
18" W IE 965.20

124.0' OF 24" CLASS III RCP @ 0.74%
5040 GPM

CB-3
60" DIAMETER (R-3067-R)
RIM 969.30
BOTTOM IE 962.43
15" NW IE 964.68
24" E IE 963.93
24" SW IE 963.93 (X)

168.3' OF 24" CLASS III RCP @ 0.55%
7960 GPM

60.7' OF 8" SCH 40 PVC @ 1.00%
440 GPM

8" CLEANOUT
RIM 973.36
8" S IE 969.26
8" NE IE 969.26

44.1' OF 8" SCH 40 PVC @ 1.00%
440 GPM

6" W IE 970.00
216 GPM

5.0' OF 6" SCH 40 PVC @ 0.60%
216 GPM

NYLO-6
12" NYLOPLAST DRAIN (1299CGS)
RIM 973.86
8" SW IE 968.65
6" E IE 969.97
8" N IE 968.65 (4)

24.09' OF 8" SCH 40 PVC @ 1.00%
404 GPM

4" W IE 970.00 (1)
36 GPM

61.7' OF 4" SCH 40 PVC @ 0.49%
36 GPM

2.99' OF 8" SCH 40 PVC @ 1.00%
404 GPM

3.00' OF 8" SCH 40 PVC @ 0.94%
404 GPM

8" W IE 970.00 (1)
404 GPM

GENERATOR
AND
TRANSFORMER
ENCLOSURE

6" W IE 970.00 (1)
138 GPM

30.1' OF 6" SCH 40 PVC @ 1.00%
10 GPM

OUTBUILDING
FE 974.00

3.5' OF 6" SCH 40 PVC @ 1.00%
179 GPM

39.5' OF 6" SCH 40 PVC @ 1.00%
179 GPM

6" S IE 970.17 (1)
179 GPM

6" S IE 970.00
145 GPM

3.5' OF 6" SCH 40 PVC @ 1.00%
145 GPM

9.3' OF 6" SCH 40 PVC @ 2.59%
145 GPM

NYLO-5
18" NYLOPLAST DRAIN (1899CGS)
RIM 973.63
BOTTOM IE 968.21
6" W IE 969.71
6" E IE 969.71
6" S IE 969.71 (4)

152.6' OF 24" CLASS III RCP @ 0.31%
4156 GPM

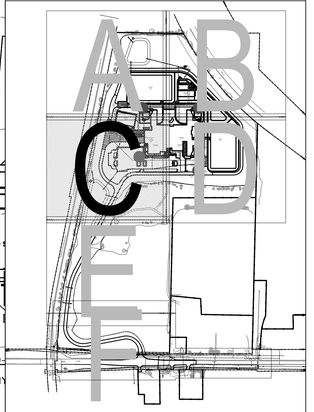
115.3' OF 6" SCH 40 PVC @ 2.50%
323 GPM

CB-9
48" DIAMETER (R-3067-R)
RIM 970.22
BOTTOM IE 963.83
18" E IE 965.83
6" N IE 966.83
24" W IE 965.33 (X)

226.3' OF 18" CLASS III RCP @ 0.30%
2725 GPM

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State of Wisconsin
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TYPE 1 JUVENILE CORRECTIONS FACILITY
DEPARTMENT OF CORRECTIONS
FITCHBURG, WISCONSIN

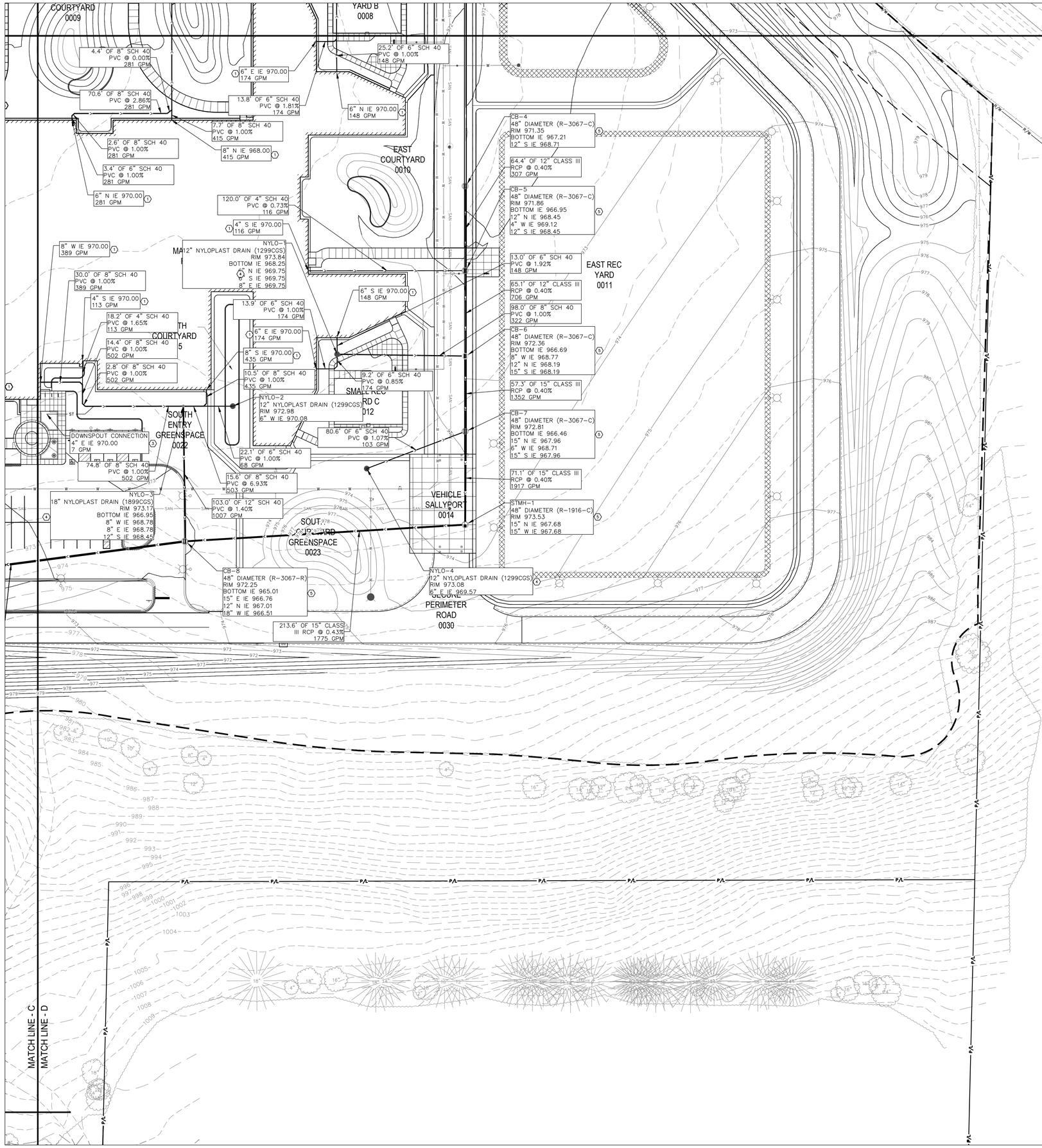
FITCHBURG, WI

Sheet Title: STORM SEWER PLAN - AREA C

Revisions:

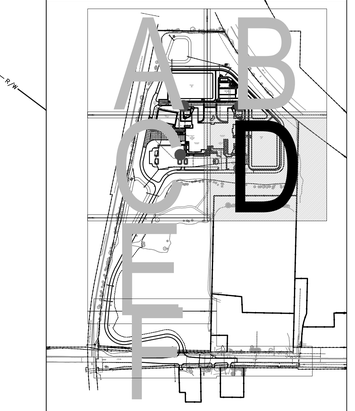
Item	Date	Description

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DFD Project Number	23G1L
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Date Issued	05/22/2026
Sheet Number	C610C



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- STORM MANHOLE — 1 / C803
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- STORM CATCH BASIN WITH CURB BOX FRAME & GRATE — 5 / C803
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FITCHBURG, WI

TYPE 1 JUVENILE CORRECTIONS FACILITY
DEPARTMENT OF CORRECTIONS
FITCHBURG, WISCONSIN

Sheet Title: STORM SEWER PLAN - AREA D

Revisions:

Item	Date	Description

Graphic Scale: 0 15' 30' 45'

DFD Project Number: 23G1L

Set Type: BD

Date Issued: 05/22/2026

Sheet Number: C610D

MATCH LINE - C
MATCH LINE - E

WISCONSIN & SOUTHERN RAILROAD

18" RCP APRON ENDWALL
18" E IE 972.14

36.0' OF 18" CLASS III
RCP @ 1.08%
2311 GPM

18" RCP APRON ENDWALL
18" W IE 972.53

RIP-RAP SEE DETAIL 6/C803

18" RCP APRON ENDWALL
18" E IE 972.31

52.0' OF 18" CLASS III
RCP @ 0.98%
2583 GPM

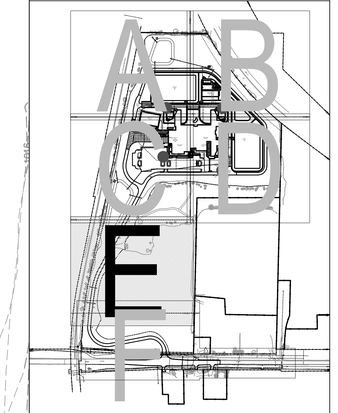
18" RCP APRON ENDWALL
18" W IE 972.82

RIP-RAP SEE DETAIL 6/C803

MATCH LINE - E
MATCH LINE - F

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- RCP APRON ENDWALL — 2 / C805, 3 / C805
- RIP RAP — 6 / C803
- STORM SEWER
- SAN — SANITARY SEWER
- W — WATER MAIN
- 1 — PROVIDE CONTINUATION OF BUILDING STORM LATERAL AT BUILDING.
- 2 — REMOVAL & REPLACEMENT OF EXISTING BOX CULVERT SHALL BE COMPLETED IN TWO PHASES SUCH THAT AT LEAST ONE TRAVEL LANE OF CTH M MAY REMAIN OPEN AT ALL TIMES. REFER TO TRAFFIC CONTROL PLANS FOR MORE INFORMATION.
- 3 — PROVIDE CONTINUATION OF DOWNSPOUT CONNECTION.
- 4 — FIELD WELD INLET GRATE AND FRAME AT TWO LOCATIONS. WELDS SHALL BE SUFFICIENT TO PREVENT UNAUTHORIZED REMOVAL WHILE ALLOWING FUTURE MAINTENANCE
- 5 — INLET GRATE AND FRAME TO BE SECURED WITH PENTA BOLTS TO PREVENT UNAUTHORIZED REMOVAL WHILE ALLOWING FUTURE MAINTENANCE

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BWBR Commission Number: P.2300288.00

Consultant:
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4654 S BILTMORE LN
MADISON, WI 53718
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State of Wisconsin
Department of Administration
Division of Facilities Development

FITCHBURG, WI

TYPE 1 JUVENILE CORRECTIONS FACILITY
DEPARTMENT OF CORRECTIONS
FITCHBURG, WISCONSIN

Sheet Title: STORM SEWER PLAN - AREA E

Revisions:

Item	Date	Description

Graphic Scale: 0 15' 30' 45'

DFD Project Number: 23G1L

Set Type: BD

Date Issued: 05/22/2026

Sheet Number: C610E

18" E IE 972.31

52.0' OF 18" CLASS III RCP @ 0.98% 2583 GPM

18" RCP APRON ENDWALL
18" W IE 972.82

RIP-RAP SEE DETAIL 6/C803

MATCH LINE - E
MATCH LINE - F

SEE INSET FOR CONTINUATION

70.0' OF 18" CLASS IV RCP @ 1.00% 668 GPM

18" RCP APRON ENDWALL
18" E IE 987.40

18" RCP APRON ENDWALL
18" W IE 986.70

30" RCP APRON ENDWALL
30" S IE 983.14

91.1' OF 30" CLASS IV RCP @ 0.83%
SEE UTILITY NOTE 8, SHEET C610F FOR JOINT TIE REQUIREMENTS

30" RCP APRON ENDWALL
30" N IE 982.38

CTH M

TEMPORARY LIMITED EASEMENT

TEMPORARY LIMITED EASEMENT

CTH M INSET
SCALE: 1" = 30'

30" RCP APRON ENDWALL
30" S IE 983.14

91.1' OF 30" CLASS IV RCP @ 0.83%
SEE UTILITY NOTE 8, SHEET C610F FOR JOINT TIE REQUIREMENTS

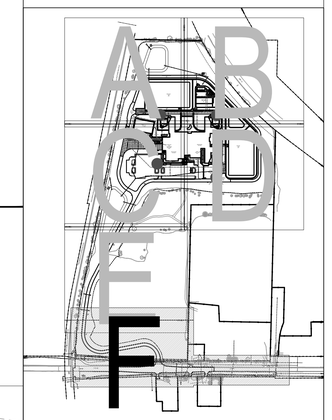
30" RCP APRON ENDWALL
30" N IE 982.38

CTH M

TEMPORARY LIMITED EASEMENT

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

NORTH



UTILITY NOTES

1. PER PROJECT SPECIFICATIONS AND THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, THE POINT OF COMMENCEMENT FOR THE LAYING OF SEWER PIPE SHALL BE AT THE LOWEST POINT IN THE PROPOSED SEWER LINE. THE PIPE SHALL BE LAID WITH THE BELL END OF THE BELL AND SPIGOT PIPE, OR WITH THE RECEIVING GROOVE END OF THE TONGUE AND GROOVE PIPE, POINTING UPGRADE. WHEN A NEW SEWER IS TO BE CONNECTED TO AN EXISTING SEWER NOT TERMINATING IN A MANHOLE, THE CONTRACTOR SHALL UNCOVER THE EXISTING SEWER TO ALLOW ANY ADJUSTMENTS IN LINE AND GRADE TO BE MADE BEFORE PIPE IS LAID.
2. THE UNDERGROUND AND OVERHEAD UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES, LOCAL MUNICIPALITY, PROPERTY OWNER, AND DIGGERS HOTLINE. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
3. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL APPLY FOR AND OBTAIN ALL THEIR REQUIRED PERMITS AND APPROVALS PRIOR TO THE START OF THEIR WORK. CONSULT WITH AND OBTAIN FROM ENGINEER COPIES OF ENGINEERING DESIGN APPROVAL PERMITS, INCLUDING BUT NOT LIMITED TO WDNR, STATE OR LOCAL PLUMBING, WDOT, COUNTY, AND STORM WATER MANAGEMENT.
4. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL CONTACT DIGGER'S HOTLINE TO ALLOW THEM SUFFICIENT TIME TO LOCATE EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.
5. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR COORDINATING THEIR WORK WITH ALL OTHER CONTRACTORS.
6. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR VERIFYING OWNERSHIP OF AND COORDINATING THE DEMOLITION AND/OR RELOCATION OF ALL EXISTING UTILITIES FROM EXISTING BUILDINGS AND WITHIN THE PROJECT LIMITS, INCLUDING BUT NOT LIMITED TO ELECTRICAL/FIBER OPTIC/TELEPHONE/CABLE/GAS/WATER/SANITARY/STORM. DEMOLITION OF THIS UTILITY WORK MUST BE IN ACCORDANCE WITH ALL STATE, FEDERAL, & LOCAL REGULATIONS.
7. FOR ALL WORK, GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR REVIEWING BID DOCUMENTS, VERIFYING THE VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS, AND INCLUDE IN THEIR CONTRACT THE RELOCATION OF SAID UTILITIES (NOTED OR NOT ON THE BID DOCUMENTS) AS NECESSARY TO PROVIDE PROPER DEPTH/CLEARANCE PER UTILITY OWNER'S REQUIREMENTS.
8. JOINT TIES WILL BE REQUIRED ON THE ENDWALL AND ALL PIPE SECTIONS PER SD08F04 ON CONCRETE PIPE UNDER CTH M. IN ALL OTHER PIPES, JOINT TIES WILL BE REQUIRED ON THE ENDWALL AND LAST 2 SECTIONS OF PIPES.

KEY INDEX

- PROJECT LIMITS
- STORM MANHOLE — 1 C803
- STORM CATCH BASIN WITH CURB BOX FRAME & GRATE — 4 C803
- STORM CATCH BASIN WITH CURB BOX FRAME & GRATE — 5 C803
- NYLOPLAST DRAIN BASIN (SEE PLAN FOR SIZE)
- RCP APRON ENDWALL — 2 C805, 3 C805
- RIP RAP — 6 C803
- STORM SEWER
- SAN — SANITARY SEWER
- W — WATER MAIN
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State of Wisconsin
Department of Administration
Division of Facilities Development

FITCHBURG, WI

TYPE 1 JUVENILE CORRECTIONS FACILITY
DEPARTMENT OF CORRECTIONS
FITCHBURG, WISCONSIN

Sheet Title: STORM SEWER PLAN - AREA F

Revisions:

Item	Date	Description

Graphic Scale: 0 15' 30' 45'

DFD Project Number: 23G1L

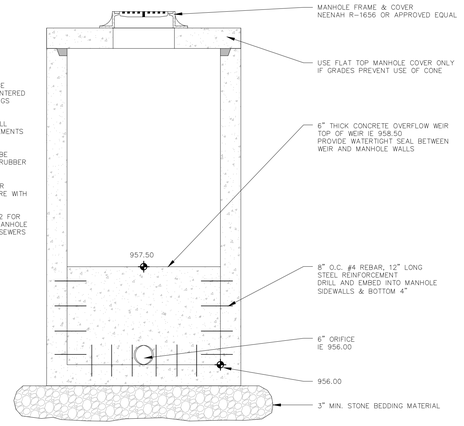
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Date Issued: 05/22/2026

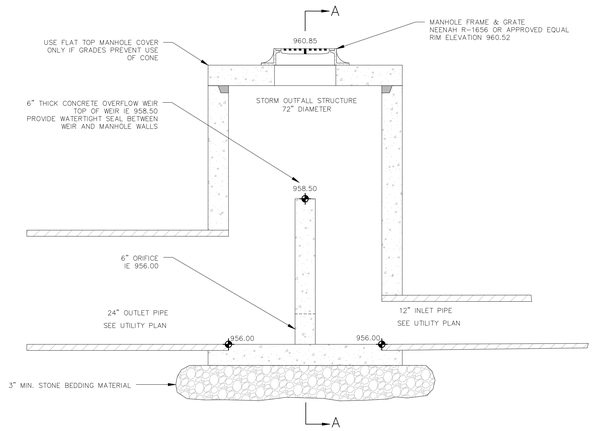
Sheet Number: C610F

STORM MANHOLE NOTES:

1. PRECAST CONCRETE ADJUSTING RINGS TO BE REINFORCED WITH ONE HOOP OF STEEL CENTERED WITHIN THE RING. WHERE NECESSARY, RINGS SHALL BE GROOVED TO RECEIVE STEP.
2. CONCRETE AND STEEL REINFORCEMENT SHALL CONFORM TO DESIGNATION C-478 REQUIREMENTS OF ASTM SPECIFICATIONS.
3. JOINTS SHALL BE WATERTIGHT AND SHALL BE MADE USING RUBBER GASKETS OR BUTYL RUBBER MASTIC MATERIAL.
4. 3" MIN. BEDDING MATERIAL REQUIRED UNDER MANHOLE BASE AND BACKFILLED STRUCTURE WITH GRANULAR BACKFILL MATERIAL.
5. SEE STANDARD SPECIFICATIONS, FILE NO. 12 FOR PRECAST MANHOLE AND FILE NO. 13 FOR MANHOLE INVERTS, INCLUDING INVERTS OF LATERAL SEWERS THAT CONNECT DIRECTLY TO MANHOLES.



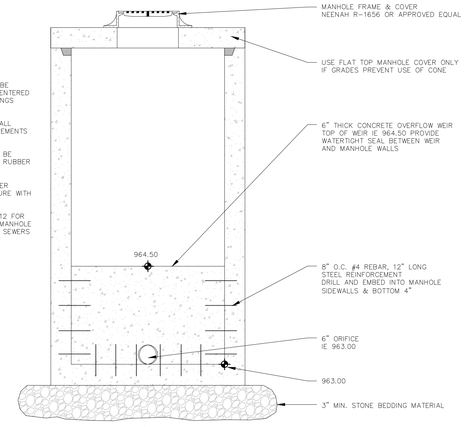
SECTION A-A



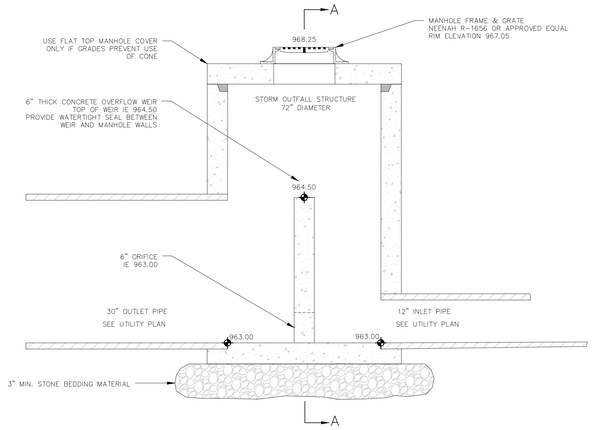
1 C804 — 72-INCH STORM OUTFALL STRUCTURE – NORTH POND
N.T.S.

STORM MANHOLE NOTES:

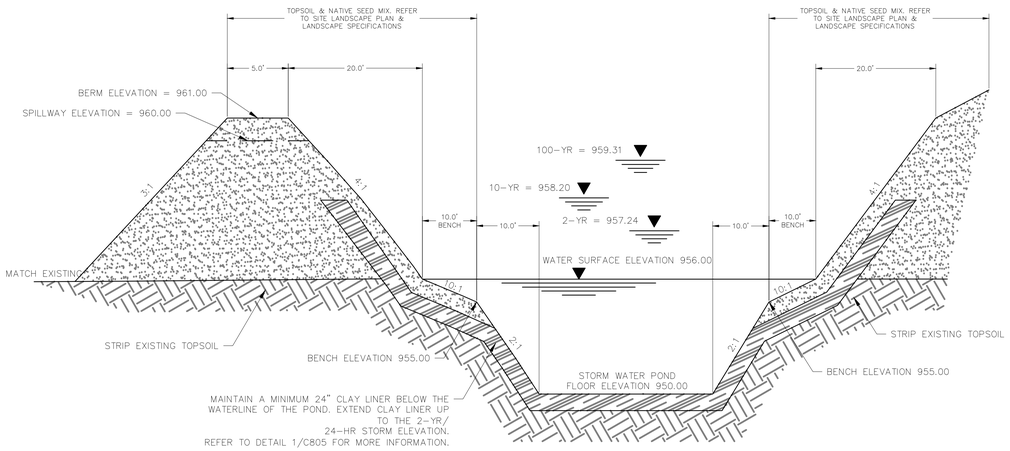
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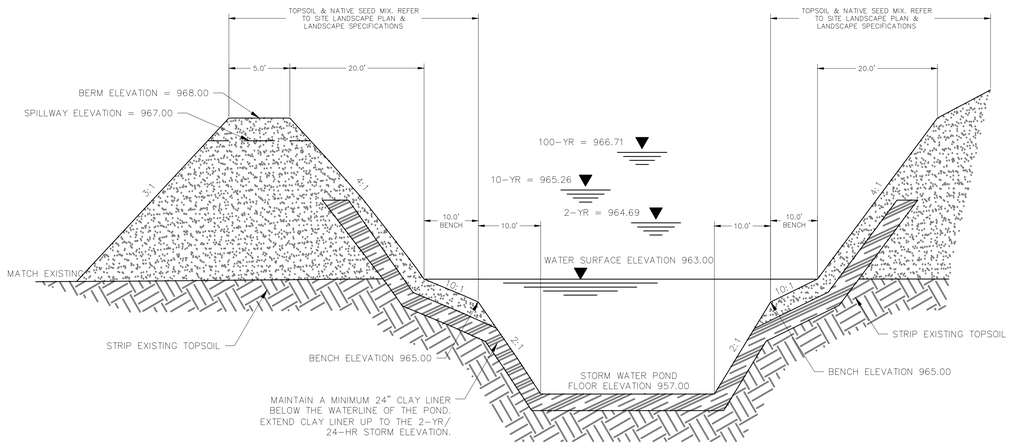
SECTION A-A



2 C804 — 72-INCH STORM OUTFALL STRUCTURE – SOUTH POND
N.T.S.



3 C804 — NORTH STORM WATER POND
N.T.S.



4 C804 — SOUTH STORM WATER POND
N.T.S.

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State of Wisconsin
Department of Administration
Division of Facilities Development

FITCHBURG, WI

TYPE 1 JUVENILE CORRECTIONS FACILITY
DEPARTMENT OF CORRECTIONS
FITCHBURG, WISCONSIN

Sheet Title: SITE DETAILS

Revisions:

Item	Date	Description

Graphic Scale	N.T.S.
DFD Project Number	23G1L
Set Type	BD
Date Issued	05/22/2026
Sheet Number	C804

Appendix A

City of Fitchburg Resolution R-63-26 Agreement for Water Service Between the Village of Oregon and the City of Fitchburg, and the State of Wisconsin Department of Corrections

LINK

Appendix B

City of Fitchburg Resolution R-168-26 Authorizing the City's Request to Amend the Urban Service Area for Development of the WI Department of Corrections Juvenile Facility to be Located Southwest of US Highway 14 and North of County Highway M

LINK

Appendix C

Email from Lauren Striegl, P.E., Director of Public Works, Village of Oregon.

LINK

Appendix D

City of Fitchburg Plan Commission Approved Conditional Use Permit and Architectural Design Review for the Proposed Juvenile Facility.

LINK

Appendix E

Dane County Type 1 Juvenile Corrections Facility – Wisconsin Environmental Policy Act Type II Environmental Assessment, October 2025, prepared by GEI Consultants.

LINK

Appendix F

Pipe Capacity Check – Manning's Equation, Oak Hill to Richards Road Lift Station

LINK

Appendix G

Oregon Water Supply

LINK

Appendix H

City of Fitchburg Storm Water Requirements

LINK

Appendix I

Dane County JCF Storm Water Management Plan

LINK

Appendix J

Dane County JCF Wisconsin Department of Natural Resources Storm Water Permit

LINK

Mayor Arata-Fratta
Introduced by

Public Works
Prepared by

Board of Public Works, Plan Commission
Referred to

March 10, 2026
Date

RESOLUTION R-63-26

APPROVING AGREEMENT FOR WATER SERVICE BETWEEN THE VILLAGE OF OREGON, THE CITY OF FITCHBURG, AND THE STATE OF WISCONSIN DEPARTMENT OF CORRECTIONS

WHEREAS, the City of Fitchburg Common Council on November 25, 2025, by Resolution R-233-25, conditionally approved a certified survey map, file number CS-2620-25, herein referred to as "CSM" to combine three parcels into one for use as a juvenile corrections facility; and

WHEREAS, the State of Wisconsin Department of Corrections (DOC) completed a Water Supply Alternatives Study analyzing different water supply options to service this CSM; and

WHEREAS, the DOC concluded that connecting to the Village of Oregon's water system was the best alternative; and

WHEREAS, an agreement is necessary between the City of Fitchburg and the Village of Oregon for the Village to provide water service to properties within the City of Fitchburg; and

WHEREAS, the Village of Oregon will be responsible for obtaining Public Service Commission approval to service property in the City of Fitchburg and the DOC will be responsible for all design, construction and usage costs as well as for obtaining all other permits; and

WHEREAS, in this agreement the City of Fitchburg and Village of Oregon agree to work cooperatively in the future should the City of Fitchburg require the DOC to connect to Fitchburg's water system; and

WHEREAS, this agreement replaces in its entirety the 1987 Agreement and Application to Amend Service Areas between the City of Fitchburg and the Village of Oregon as well as amends the 1975 Cooperation Agreement between the Town of Fitchburg and Village of Oregon to require that both municipalities enter into a separate agreement for any other future connections of Fitchburg parcels to Oregon's water system; and

NOW BE IT HEREBY RESOLVED, that the Common Council of the City of Fitchburg, Dane County, Wisconsin, hereby approves the Agreement for Water Service between the Village of Oregon, City of Fitchburg, and the State of Wisconsin Department of Corrections subject to final review and minor edits by the City Attorney and the City Engineer; and

BE IT FURTHER RESOLVED, by the Fitchburg Common Council that it directs the City Clerk to retain a copy of the document and authorizes the Clerk and Mayor to sign the attached Agreement.

Adopted this 26th day of May, 2026.

Julia Arata-Fratta, Mayor

Tracy Oldenburg, City Clerk

AGREEMENT FOR WATER SERVICE

BETWEEN THE VILLAGE OF OREGON

THE CITY OF FITCHBURG

AND THE

STATE OF WISCONSIN DEPARTMENT OF CORRECTIONS

R-63-26

This Agreement (the "Agreement") is made by and between the Village of Oregon, as a municipal corporation, ("Oregon"), the City of Fitchburg, as a municipal corporation ("Fitchburg"), and the State of Wisconsin Department of Corrections ("DOC") (collectively, the "Parties," individually, a "Party"), as of this 18th day of May, 2026.

WHEREAS, Oregon owns and operates a public water utility that provides water service to customers within the service area of Oregon; and

WHEREAS, Fitchburg owns and operates a public water utility that provides water service to customers within the service area of Fitchburg; and

WHEREAS, DOC owns certain property located in Fitchburg and described further in Exhibit A (the "Property"), on which the Oak Hill Correctional Institution is located, which currently receives sewer service from Oregon pursuant to a 2010 Agreement for Sewerage Services ("Sewer Service Agreement");

WHEREAS, Oregon and Fitchburg executed a 1987 Agreement and Joint Application regarding Oregon's provision of water service to the Oakhill Correctional Institution; and

WHEREAS, DOC plans to construct certain new facilities, namely South Central Regional Care for Youth and the GROW Academy Expansion, as described further on Exhibit B (the "New Facilities") on the Property and adjacent to the Oak Hill Correctional Institution; and

WHEREAS, DOC desires to receive sewer and water service from Oregon to serve such New Facilities; and

WHEREAS, Oregon intends to provide sewer service to the New Facilities in accordance with an amended Sewer Service Agreement; and

WHEREAS, the New Facilities are located nearby to existing Oregon water utility infrastructure, including a stand pipe and water main intersecting with County Highway MM (the "Existing Water Utility Infrastructure") located in Fitchburg and further described in the attached Exhibit C; and

WHEREAS; Oregon and Fitchburg entered into a 1975 Cooperation Agreement enabling Oregon to construct the Existing Water Utility Infrastructure; and

WHEREAS, the Parties agree that given the location of the New Facilities, it is most efficient for all Parties for Oregon to provide water service to the New Facilities via connection to the Existing Water Utility Infrastructure at this time; and

WHEREAS, DOC desires to receive and Oregon desires to convey water service to the New Facilities under the terms and conditions of this Agreement.

NOW, THEREFORE, in consideration of the mutual promises set forth herein and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

1. Recitals. The foregoing recitals are accurate and incorporated and made part of this Agreement.

2. Definitions. As used in this Agreement, the following terms have the following meanings:

   2.1 **New Water Service Facilities** shall mean the water main constructed from County Highway M to the Water Lateral at the Property boundary and any valves, fittings, water meters, hydrants, and other infrastructure necessary to provide water service to the New Facilities other than the Water Lateral(s).

   2.2 **Water Lateral(s)** shall mean the water pipe(s) located on the Property that connects the New Facilities to the New Water Service Facilities, as well as any water meter enclosures and appurtenances necessary to serve the New Facilities.

   2.3 **PSCW** shall mean the Public Service Commission of Wisconsin.

   2.4 **WDNR** shall mean the Wisconsin Department of Natural Resources.

   2.5 **Future Looping Infrastructure** shall mean the future water system infrastructure to be constructed beginning from the western terminus of the New Water Service Facilities connecting to the Village's existing infrastructure at Braun Road.

3. Design of New Water Service Facilities. DOC shall design, at its cost, the New Water Service Facilities in accordance with all applicable Oregon standards. DOC shall submit plans and specifications for the New Water Service Facilities to Oregon for review and approval. No installation of the New Water Service Facilities shall commence until plans and specifications for the New Water Service Facilities have been approved by Oregon and, as necessary, WDNR and PSCW.

4. Construction of New Water Service Facilities. DOC shall furnish, construct, and install, at its cost, the New Water Service Facilities in accordance with the plans and specifications prepared by DOC and approved by Oregon. DOC shall construct the New Water Service Facilities in a manner consistent with the design of such facilities and any and all applicable federal, state, and local statutes, regulations, ordinances, and applicable Oregon construction standards.

5. Inspections. DOC shall permit credentialed Oregon employees, personnel, contractors, and/or agents access to the Property and construction sites to conduct inspections and monitor compliance with the provisions of this Agreement related to construction of the New Water Service Facilities.

6. Required Approvals. Oregon shall be responsible for obtaining PSCW approval for the construction of the New Water Service Facilities and any and all approvals necessary to provide water service to the Property. DOC shall be responsible for obtaining any and all other licenses, permits, and authority necessary to perform its obligations under this Agreement, including but not limited to construction of the New Water Service Facilities.

7. Dedication and Acceptance. DOC shall dedicate the New Water Service Facilities to Oregon in accordance with the terms of this Agreement. After the New Water Service Facilities have been installed and completed, DOC shall send a written notice to Oregon that DOC desires Oregon to inspect the New Water Service Facilities. Within 45 days of receipt of such notice, Oregon shall inspect the New Water System Facilities. If acceptable to Oregon, the Village of Oregon Village Board shall by resolution certify the New Water System Facilities as being in compliance with the standards and specifications of Oregon. Upon certification, ownership and control of the New Water Service Facilities shall be turned over without any restrictions to Oregon. DOC agrees that the New Water Service Facilities will not be accepted by Oregon until they have been inspected and approved by Oregon and furthermore until all outstanding Oregon costs, including engineering and inspection charges, have been paid in full and lien waivers are received by Oregon indicating that the contractors and suppliers have been paid in full for all work and materials furnished for the New Water Service Facilities. In addition, prior to obtaining Oregon certification, DOC shall:

   7.1 Provide digital (PDF) copies of lien waivers from all contractors and/or material suppliers performing work or supplying materials relating to construction of the New Water Service Facilities to Oregon.

   7.2 Provide one digital (PDF) copy of the as-built drawings for the New Water Service Facilities and Water Lateral(s) to Oregon and a dwg file of the as-builts to both Fitchburg and Oregon.

   7.3 Provide as-built database tables in approved Fitchburg format for the New Water Service Facilities and Water Lateral(s) to Oregon and Fitchburg.

   7.4 Provide to Oregon recorded copies of any easement documents, permits, or other approvals required for construction of the New Water Service Facilities.

   7.5 Pressure test, continuity test, and bacteriologically sample the New Water Service Facilities under the direction of Oregon. The New Water Service Facilities must pass all testing required by the PSCW, the WDNR, or any other applicable federal, state or local governmental agency testing before Oregon accepts transfer of the title for the New Water Services Facilities.

8. Warranty Period. DOC guarantees the New Water Service Facilities against defects which appear within a period of one year from the date of acceptance by Oregon as herein provided and shall pay for any damages resulting therefrom to Oregon property. If any defect appears during the guarantee period, DOC shall upon written notice and, at its

expense, install replacements or perform repairs to the standard provided in the approved plans and specifications. DOC shall have 30 days from the issuance of such notice, or such longer period as may be acceptable to Oregon, to cure the defect. Oregon shall not declare a default under this Agreement during the 30-day cure period on account of any such defect unless it is clear that DOC does not intend to cure the defect, or unless Oregon determines that immediate action is required in order to remedy a situation which poses an imminent health or safety threat. All guarantees or warranties for materials or workmanship which extend beyond the above guarantee period shall be assigned by DOC to Oregon as beneficiary.

9. Construction of Water Laterals. DOC shall be responsible for design and construction of Water Laterals on the Property. DOC shall design and construct the Water Laterals in a manner consistent with any and all applicable federal, state, and local statutes, regulations, ordinances, and applicable Fitchburg and Oregon construction standards.

10. Oregon Obligations for Water Service. Oregon shall have the following obligations under this Agreement with relation to the New Water Service Facilities.

10.1 To take title to the New Water Service Facilities after final inspection, subject to DOC's fulfillment of its obligations under Section 7 of this Agreement.

10.2 To provide water service to the New Facilities in accordance with the rates, rules, regulations and conditions of service on file with the PSCW or any successor regulatory agency and Chapter 13 of the Village of Oregon Municipal Code, as either may be amended from time to time.

10.3 To provide and maintain water meter(s) for the New Facilities. DOC shall be responsible for installation of the meter and will provide for power to the water meter as necessary.

10.4 To obtain any and all necessary approvals from the PSCW associated with construction authorization for the New Water Service Facilities.

11. Professional Services Costs. DOC shall reimburse Oregon for its actual reasonable costs of review, inspection, testing, construction or construction oversight, and associated legal, engineering, consulting, and other fees Oregon incurs following execution of this Agreement associated with the New Water Service Facilities. Oregon's costs shall be determined as follows:

11.1 The actual reasonable cost of Oregon's consulting, inspection, engineering and legal fees at the invoiced amount, incurred by Oregon for the purposes of review, inspection, testing, construction or construction oversight associated with the New Water Service Facilities.

11.2 The total cost of Oregon's employees' time engaged in any way with the New Water Service Facilities based on the hourly rate paid to the employee, plus 20 percent of

those costs representing a portion of Oregon's cost for overhead expenses, benefits, insurance, sick leave, holidays, overtime, vacation and similar benefits.

11.3 The cost of Oregon equipment employed.

11.4 The cost of mileage reimbursed to Oregon employees which is attributed to the New Water Service Facilities.

11.5 The actual costs of Oregon materials incorporated into the New Water System Facilities, including transportation costs plus a restocking and/or handling fee not to exceed 10 percent of the cost of the materials.

11.6 The costs incurred by Oregon in connection with the review and approval of the plans and specifications for the New Water Service Facilities as well as the cost for review and approval of any other related documents.

11.7 Bills outstanding for more than 30 days shall accrue interest at a rate of 1 percent per month.

11.8 The obligations regarding reimbursement under this Section 11 shall terminate upon acceptance of the New Water Service Facilities by Oregon in accordance with Section 7 of this Agreement, except that DOC shall continue to be responsible for reimbursement of costs Oregon incurs during the warranty period in accordance with Section 8 of this Agreement.

12. Rates. DOC shall pay standard Oregon water utility tariff rates as filed and approved by the PSCW and incorporated into Chapter 13 of the Village of Oregon Municipal Code, as it may be amended from time to time. These rates are subject to change from time to time, pursuant to approval from the PSCW. Oregon water utility rates shall apply to all water DOC uses for routine hydrant flushing. DOC shall account for all water used during routine hydrant flushing and submit the amount of water used to Oregon for billing purposes.

13. Impact Fees. DOC shall pay standard Oregon impact fees as incorporated into Chapter 3, Section 11 of the Village of Oregon Municipal Code, as it may be amended from time to time. Applicable impact fees shall be paid by DOC at the time DOC commences use of water service.

14. Approval for Expansion. DOC may not undertake any expansion of facilities on the Property, other than the construction of the New Facilities as contemplated under this Agreement, that could impact water usage or service at the Property without first obtaining approval from Oregon and Fitchburg, which approval shall not be unreasonably withheld

15. Construction of Future Looping Infrastructure. In consideration of Oregon's willingness to provide water service to the New Facilities, DOC shall reimburse Oregon for 50% of the actual costs Oregon incurs associated with the design, bidding, and construction of the Future Looping Infrastructure (the "Actual Costs"). By December 31, 2027, DOC shall

make a one-time payment of $525,000 to Oregon (the "One-Time Payment"). Oregon shall provide to DOC a final accounting of the Actual Costs within 120 days of completion of construction of the Future Looping Infrastructure. Upon completion of the final accounting, Oregon shall provide to DOC an invoice for the payment of the amount, if any, of the difference between the One-Time Payment and 50% of the Actual Costs. Payment of such invoice shall be made within sixty (60) days of DOC's receipt of such invoice from Oregon. If DOC's share of the Actual Costs is less than the One-Time Payment, Oregon shall repay the difference to DOC within sixty (60) days of the final accounting.

16. Fitchburg Assumption of Service. The Parties acknowledge that at a future date, Fitchburg may desire to assume responsibility for water service provided to the New Facilities. The Parties agree to work collaboratively and in good faith to enable Fitchburg to undertake such assumption of water service and terminate this Agreement such that Oregon no longer assumes any responsibility for providing water service to the Property. DOC agrees to pay water impact fees to Fitchburg, if and at the time, Fitchburg provides water service to the New Facilities.

17. Contingencies. This Agreement shall be contingent upon the Parties obtaining any and all approvals from appropriate federal, state, and local governments and agencies relating to construction of the New Water Service Facilities.

18. Insurance Requirements. DOC shall obtain insurance acceptable to Oregon as required under this section. DOC shall ensure that Oregon is added as an additional insured on all insurance policies maintained by contractors engaged by DOC for work on the New Water Service Facilities. DOC shall maintain all required insurance under this section until the New Water Service Facilities have been accepted and during any subsequent period in which DOC does work under this Agreement pursuant to the Warranty Period or otherwise.

The Wisconsin Department of Corrections is protected by the State of Wisconsin Self-Funded Liability and Property Programs, administered by the DOA. Automotive Liability coverage is included as part of the Self-Funded Liability Program. Section 20.505 (2) (k), Wisconsin Statutes, provides funds to pay liability, property, and workers compensation claims. In addition, section 895.46 provides that the state will pay judgments taken against state officers or employees for acts carried out while the officers or employees were acting within the scope of their employment. Employees are covered for Wisconsin Worker's Compensation liabilities by the DOA Self-Funded Workers Compensation Program in accordance with Chapter 102, Section 102.08, Wis. Stats. Upon request, DOA will issue a Certificate of Protection in lieu of an insurance policy evidencing applicable protections.

19. Indemnification. DOC and Oregon shall be responsible for the consequences of its own acts, errors, or omissions and for the acts, errors or omissions of its employees, officers, agents, boards, committees and commissions, and shall be responsible for any losses, claims and liabilities that are attributable to such acts, errors, or omissions, including providing its own defense, arising out of this Agreement. In situations involving joint liability, DOC and Oregon shall only be responsible for such losses, claims, and liabilities that are attributed to its own acts, errors, or omissions and the acts, errors, or omissions of

its employees, officers, officials, agents, boards, committees and commissions. DOC shall ensure that any indemnification obligations of contractors engaged by DOC for work on the New Water Service Facilities shall extend to the Village in addition to DOC. This paragraph shall survive the termination or expiration of this Agreement.

20. Public Protection and Safety. During its construction of the New Water System Facilities, DOC shall ensure its contract with any general prime contractor requires strict compliance to safety procedures to negate any "attractive nuisance" conditions at the site, including, but not limited to: appropriate safety barricades, signs, and signal lights; compliance with any safety requirement published by any governmental authority with jurisdiction over the site, including Federal, State or local jurisdictions; any additional measures which are reasonably necessary to ensure a safe site for the public..

21. Effective Date. This Agreement shall be effective as of the date and year first written above (the "Effective Date").

22. Term of Agreement. The term of this Agreement shall commence on the Effective Date and expire on December 31, 2046. Oregon or DOC may terminate this Agreement at the end of the term by giving the other Parties at least four (4) years' written notice of termination. In the absence of such notice, this Agreement shall be deemed to automatically renew for successive terms of five (5) years, until such notice of termination is given.

23. Binding Effect / Assignment. The obligations of the Parties under this Agreement shall be binding on their respective successors and assigns. DOC may not assign its benefits or obligations under this Agreement without the express prior written approval of Oregon, and any unapproved assignment is void.

24. Provision of Service to Other Properties. Nothing in this Agreement shall be construed to authorize or require Oregon to provide water service to any properties other than the Property, as provided for under the terms of this Agreement.

25. Remedies. Any remedies provided for in this Agreement are not exclusive. The Parties may use any remedies available in law or equity in addition to, or in lieu of, any remedies specifically available under this Agreement.

26. No Waiver. No waiver of any provision of this Agreement shall be deemed or constitute a waiver of any other provision, nor shall it be deemed or constitute a continuing waiver unless expressly provided for by a written amendment to this Agreement signed by the Parties, nor shall the waiver of any default under this Agreement be deemed a waiver of any subsequent default or defaults. Any Party's failure to exercise any right under this Agreement shall not constitute the approval of any wrongful act by another Party hereto.

27. Amendment/Modification. This Agreement may be amended or modified only by a written amendment approved and executed by the Parties.

28. Prior Agreements. This Agreement supersedes and replaces in its entirety the 1987 Agreement and Joint Application between Oregon and Fitchburg, including all references in the 1987 Agreement and Joint Application to the 1975 Cooperation Agreement regarding future water system connections. This Agreement amends the 1975 Cooperation Agreement to provide that Oregon and Fitchburg shall work cooperatively regarding any future connections to the Oregon water utility infrastructure located in Fitchburg. Any such future connections shall require mutual approval of both municipalities and must be formalized through a separate agreement executed by both municipalities.

29. Remedies upon Default. A default is defined herein as a Party's breach of, or failure to comply with, the terms of this Agreement and the failure to cure such breach within thirty (30) days after the date of written notice from the non-defaulting Party. The Parties reserve all remedies at law or in equity necessary to cure any default or remedy any damages or losses under this Agreement. Rights and remedies are cumulative, and the exercise of one or more rights or remedies shall not preclude the exercise of other rights or remedies.

30. Entire Agreement/Attachments Incorporated. This written Agreement and all attachments hereto, shall constitute the entire Agreement between the Parties as of the date hereof.

31. Severability. If any part, term, or provision of this Agreement is held by a court of competent jurisdiction to be illegal or otherwise unenforceable, such illegality or unenforceability shall not affect the validity of any other part, term, or provision and the rights of the parties will be construed as if the invalid part, term, or provision was never part of the Agreement.

32. Immunity. Nothing contained in this Agreement constitutes a waiver of Oregon's or DOC's sovereign immunity under applicable law.

33. Notice. Any notice required or permitted by this Agreement shall be deemed effective given in writing and personally delivered, mailed by U.S. Mail, return receipt requested, as follows:

To Oregon: Candie Jones
Village Clerk/Deputy Administrator
101 Alpine Parkway
Oregon, WI 53575

To DOC: Jared Hoy
Secretary
3099 East Washington Ave
Madison, WI 53704

To Fitchburg: Tracy Oldenburg
City Clerk
5520 Lacy Road
Fitchburg, WI 53711

34. Recordation. Oregon may record a copy of this Agreement, or a memorandum thereof, in the office of the Dane County Register of Deeds. DOC will pay the costs of any such recording.

35. Personal Jurisdiction and Venue. Personal jurisdiction and venue for any civil action commenced by either Party arising out of this Agreement shall be deemed to be proper only if such action is commenced in Circuit Court for Dane County unless it is determined that such Court lacks jurisdiction.

36. No Partnership. Under this Agreement, Oregon does not, in any way or for any purpose, become a partner, employer, principal, agent, or joint venturer of or with DOC.

37. Good Faith. All Parties to this Agreement shall exercise good faith in performing any obligation that Party has assumed under the terms of this Agreement including, but not limited to, the performance of obligations that require the exercise of discretion and judgment.

38. Applicable Law. This Agreement shall be construed under the laws of the State of Wisconsin.

39. No Private Right or Cause of Action. Nothing in this Agreement shall be interpreted or construed to create any private right or any private cause of action by or on behalf of any person not a party hereto.

40. Construction of Agreement. Each party participated fully in the drafting of each and every part of this Agreement. This Agreement shall not be construed in favor of or against either party. It shall be construed simply and fairly to each party.

[SIGNATURES ON FOLLOWING PAGES]

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement as of the year and date first set forth above, and by so signing this Agreement, certify that they have been duly authorized by their respective entities to execute this Agreement on their behalf.

OREGON:

VILLAGE OF OREGON

By _____
Phil VanKampen, Village President

ATTEST:

_____
Candie Jones ~~Administrator~~ Clerk

STATE OF WISCONSIN

COUNTY OF DANE

Personally came before me this 18 day of May, 2026 the above-named Phil VanKampen and Candie Jones of the Village of Oregon, to me known to be the persons and officers who executed the foregoing instrument and acknowledged that they executed the same as such officers by the Village of Oregon's authority.

Subscribed and sworn to before me
This 18 day of May, 2026

_____
Notary Public, State of Wisconsin
Print Name: Deanna Joy Hanson
My Commission: 10-14-2027

NOTARY PUBLIC
DJ HANSON
STATE OF WISCONSIN

FITCHBURG:

CITY OF FITCHBURG

By Julia Arato-Fratta, Mayor

ATTEST:

Chad Brecklin, Administrator

STATE OF WISCONSIN

COUNTY OF DANE

Personally came before me this 28 day of May, 2026, the above-named Julia Arato-Fratta and Chad Brecklin of the City of Fitchburg, to me known to be the persons and officers who executed the foregoing instrument and acknowledged that they executed the same as such officers by the City of Fitchburg's authority.

Subscribed and sworn to before me
This 28 day of May, 2026.

Notary Public, State of Wisconsin
Print Name: Jami A. Erickson
My Commission: 5/28/2028

JAMI A. ERICKSON NOTARY PUBLIC STATE OF WISCONSIN

DOC:

STATE OF WISCONSIN
DEPARTMENT OF CORRECTIONS

By: _____

STATE OF WISCONSIN

COUNTY OF DANE

Personally came before me this 2nd day of June, 2026 the above named Jared Hoy to me known to be the person who executed the foregoing instrument and acknowledged the same.

Subscribed and sworn to before me
This 2nd day of June, 2026

_____
Notary Public, State of Wisconsin
Print Name: GLEN A. MERCIER II
My Commission: expires 9/20/2027

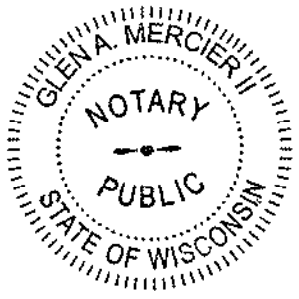


EXHIBIT A
DESCRIPTION OF PROPERTY

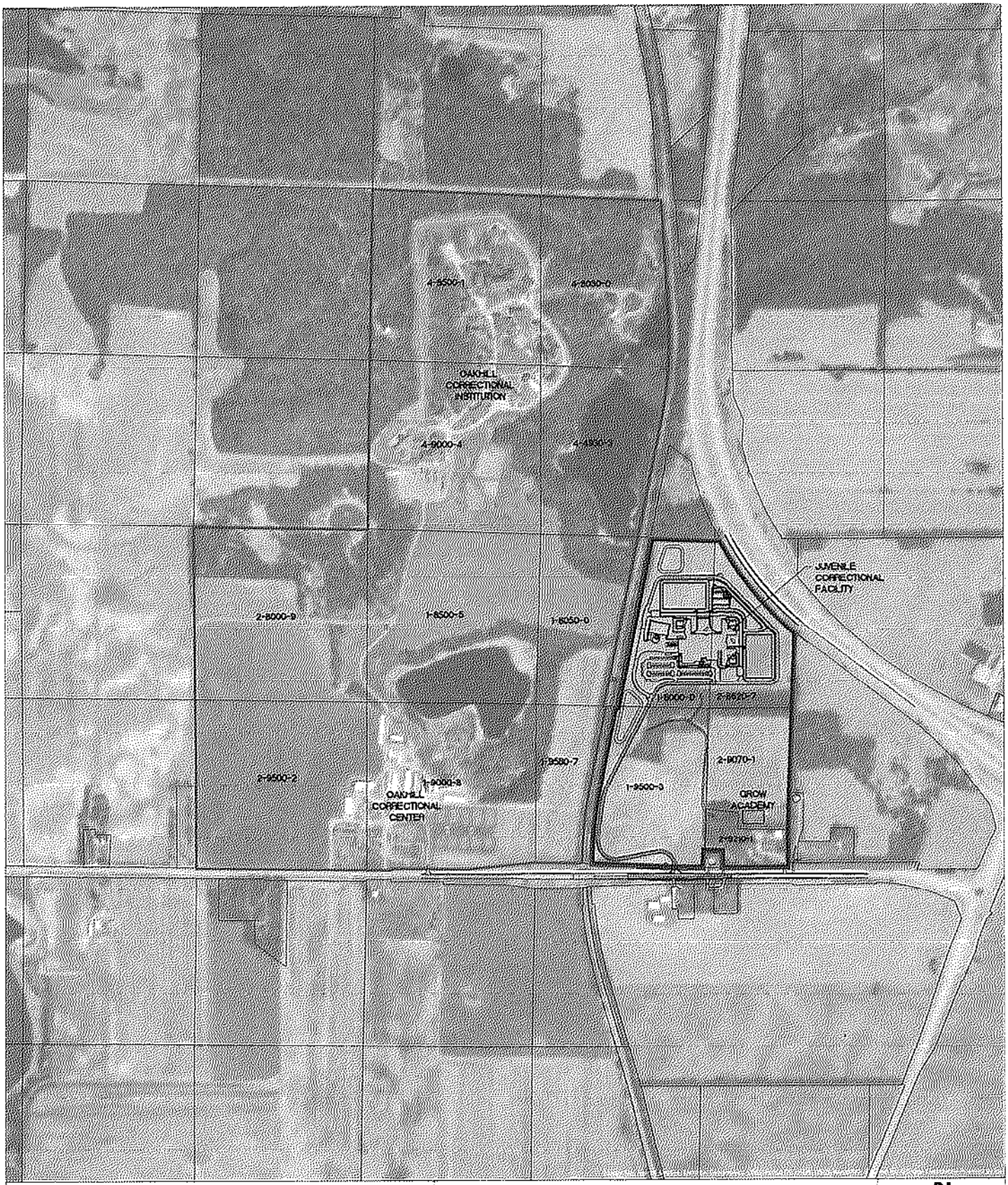


EXHIBIT A

LEGEND

TERRITORY SERVED BY VILLAGE OF OREGON (SANITARY)

TERRITORY SERVED BY VILLAGE OF OREGON (WATER)

N

0' 250' 500' 750'

04/30/2026

EXHIBIT B
NEW FACILITIES

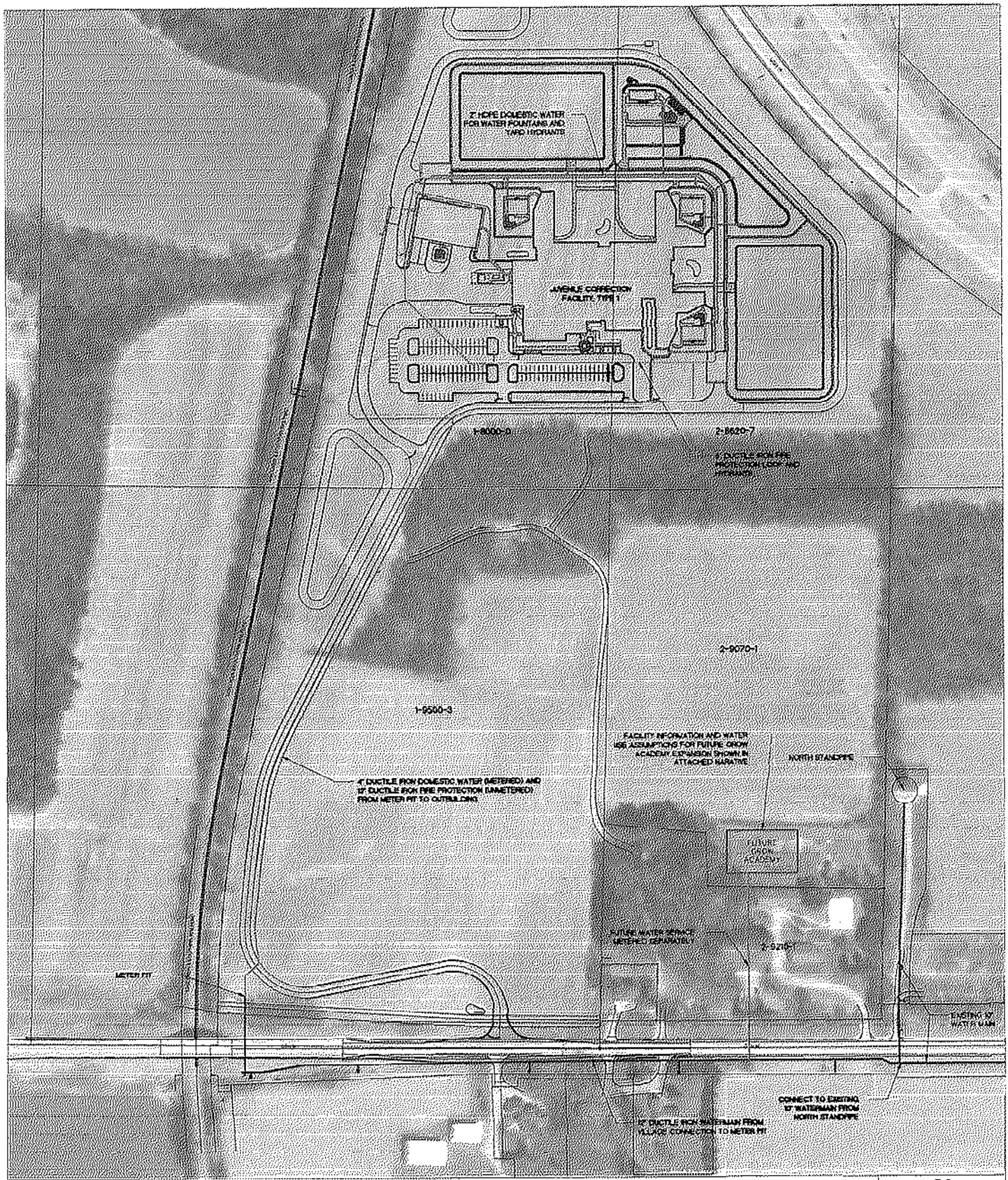


EXHIBIT B

LEGEND

- WATER MAIN (VILLAGE OF OREGON-OWNED)
- WATER SERVICE (STATE OF WI-OWNNED)
- DOMESTIC WATER (JCF TYPE 1)
- FIRE PROTECTION WATER (JCF TYPE 1)
- DEPARTMENT OF CORRECTIONS PROPERTY (JCF TYPE 1 AND GROW)

N

0' 75' 150' 225'

04/30/2026

EXHIBIT B – GROW ACADEMY EXPANSION NARRATIVE

Project Narrative

The existing Grow Academy institution is located on parcel 0609-3629-210-1 in the City of Fitchburg. Its address is 4986 County Highway M. The Grow Academy is owned and operated by the State of Wisconsin Department of Corrections (WI DOC). The Grow Academy currently owns and operates its own potable water well, and is not connected to the Village of Oregon water supply system.

WI DOC is proposing to expand the Grow Academy into parcel 0609-3629-070-1 at some time in the future. WI DOC would propose to connect the Grow Academy to the Village of Oregon water supply system at that time. The assumptions made by WI DOC regarding water service needs to this expanded are shown below.

Assumed / Estimated Future Grow Academy Water Service Requirements

The expanded Grow Academy facility would be served by a new 6" water connection to the Village of Oregon's 12" water main on County Highway M (to be installed with the Juvenile Correction Facility, Type 1 project). This will split in the Grow Academy facility into a 2" (metered) domestic service and a 6" private fire protection service. Details regarding sizing and assumptions for both are shown below.

Domestic Service

The following population and water need assumptions were used to estimate the size of the proposed domestic water service.

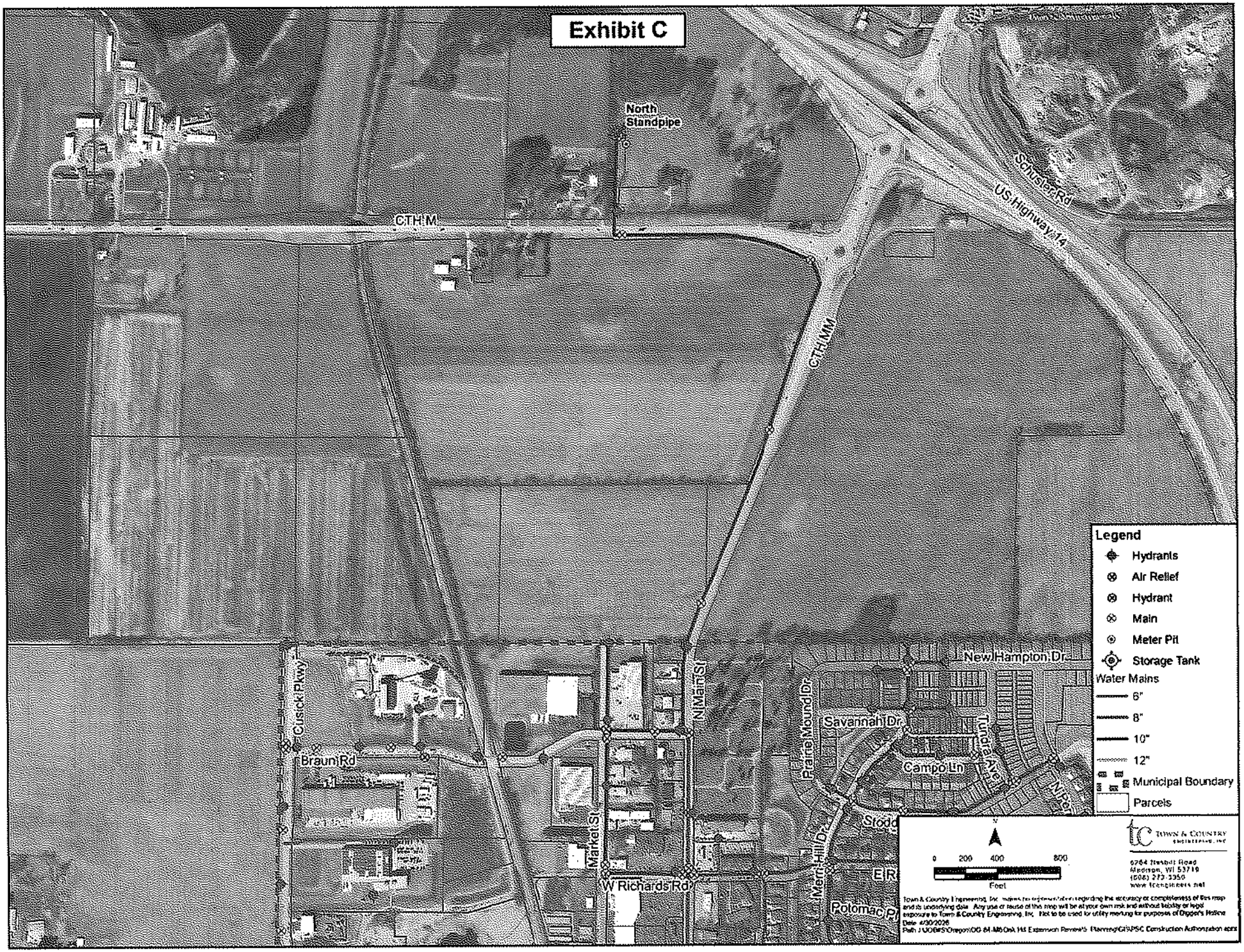
Population Type	Number	Per Capita Daily Demand (gpd)		Total Daily Demand (gpd)	
		Low Estimate	High Estimate	Low Estimate	High Estimate
Permanent (residents)	16	1,280	1,600	20,480	25,600
Staff	8	80	100	640	800
Combined Daily Demand (gdp)				**21,120**	**26,400**

The demand summarized above would require a minimum 1 ½" water meter. However, the Grow Academy expansion design engineer recommends 2" domestic water service with a 2" water meter to accommodate future water demands. It is estimated that the 2" meter will leave over 50% additional capacity for future demand if needed.

Private Fire Protection

The 6" private fire protection line will be isolated from the domestic water service line by a double check valve. The fire protection service will be unmetered and for emergency only. The proposed fire protection line has been sized to provide the calculated 1250 gpm facility fire protection requirement.

EXHIBIT C
MAP OF EXISTING WATER UTILITY INFRASTRUCTURE


Exhibit C
North Standpipe
CTH M
CTH MM
US Highway 14
Schuster Rd
N Main St
Prairie Mound Dr
New Hampton Dr
Savannah Dr
Tundra Ave
Campo Ln
Braun Rd
Cusick Pkwy
Market St
Merri Hill Dr
W Richards Rd
Potomac Pl
Legend
Hydrants
Air Relief
Hydrant
Main
Meter Pit
Storage Tank
Water Mains
6"
8"
10"
12"
Municipal Boundary
Parcels
0 200 400 800
Feet
Town & Country Engineering, Inc
6764 Hubbell Road
Madison, WI 53719
(608) 273-3350
www.tcengineers.net

Mayor Arata-Fratta
Introduced by

PLANNING
Prepared by

Plan Commission,
Referred to

August 11, 2026
Date

RESOLUTION R-168-26

AUTHORIZING THE CITY'S REQUEST TO AMEND THE URBAN SERVICE AREA FOR DEVELOPMENT OF THE WI DEPARTMENT OF CORRECTIONS JUVENILE FACILITY TO BE LOCATED SOUTHWEST OF US HIGHWAY 14 AND NORTH OF COUNTY HIGHWAY M

WHEREAS, in 1984, the Capital Area Regional Plan Commission (CARPC) and the Wisconsin Department of Natural Resources (WiDNR) approved a Limited Urban Service area for the Oakhill Correctional Institute and the Oregon State Farm owned and operated by the Wisconsin Department of Corrections (DOC) to allow for the provision of sanitary sewer service by the Village of Oregon; and

WHEREAS, in 2025, the City of Fitchburg Plan Commission approved a conditional use permit and an architectural design review application, and Plan Commission and Council approved a certified survey map, for the construction of a new juvenile facility upon the request of the DOC; and

WHEREAS, in May 2026, the Fitchburg Common Council approved an Agreement for Water Service between the Village of Oregon, the City of Fitchburg, and the DOC, allowing the Village of Oregon to provide municipal water service to the DOC property located within the City of Fitchburg; and

WHEREAS, the new DOC juvenile facility will be located to east of the existing Limited Urban Service Area, southwest of US Highway 14 and north of County Highway M, on property owned by the DOC; and

WHEREAS, the new DOC juvenile facility, and the nearby Grow Academy, intends to receive sanitary sewer service by the Village of Oregon; and

WHEREAS, the DOC requests an amendment of the Urban Service Area as required by CARPC and the WiDNR to receive sanitary sewer service; and

WHEREAS, the development of the DOC juvenile center is consistent with the City of Fitchburg's Comprehensive Plan Growing Fitchburg 2030 adopted on March 10, 2020; and

WHEREAS, the City of Fitchburg acknowledges its authority and obligation to enforce nonpoint source pollution control, and will do so in accordance with the City of Fitchburg Municipal Code, inclusive of Title II Building and Environmental Control, Chapter 30 Environment, Article II Erosion Control and Stormwater Management to the extent possible under State of Wisconsin Statutes; and

WHEREAS, the City of Fitchburg acknowledges its role in helping to protect Environmental Corridors designated within the Dane County Water Quality Plan, which may include coordination with CARPC staff on delineation of corridors and enforcement of restrictions to development and other activity within the environmental corridors, in conformance with the City of Fitchburg's Comprehensive Plan Growing Fitchburg 2030 and Municipal Code inclusive of Chapter 22 Zoning and Chapter 24 Land Division; and

NOW BE IT HEREBY RESOLVED, by the Fitchburg Common Council that it hereby endorses the City's request to amend the Dane County Water Quality Plan to include within the Urban Service Area lands owned by the Wisconsin Department of Corrections located southwest of US Highway 14 and north of County Highway M in the City of Fitchburg to allow the Village of Oregon to provide sanitary services to the Wisconsin Department of Corrections proposed juvenile facility and the Grow Academy; and

BE IT FURTHER RESOLVED, by the Fitchburg Common Council that City Staff is hereby directed to submit this resolution and other required application materials to the Capital Regional Plan Commission in support of this Urban Service Area amendment request; and

BE IT FURTHER RESOLVED, that the Fitchburg Common Council requests that the Capital Area Regional Planning Commission consider and forward to the Wisconsin Department of Natural Resources to approve the requested Urban Service Area amendment as detailed in Attachment A.

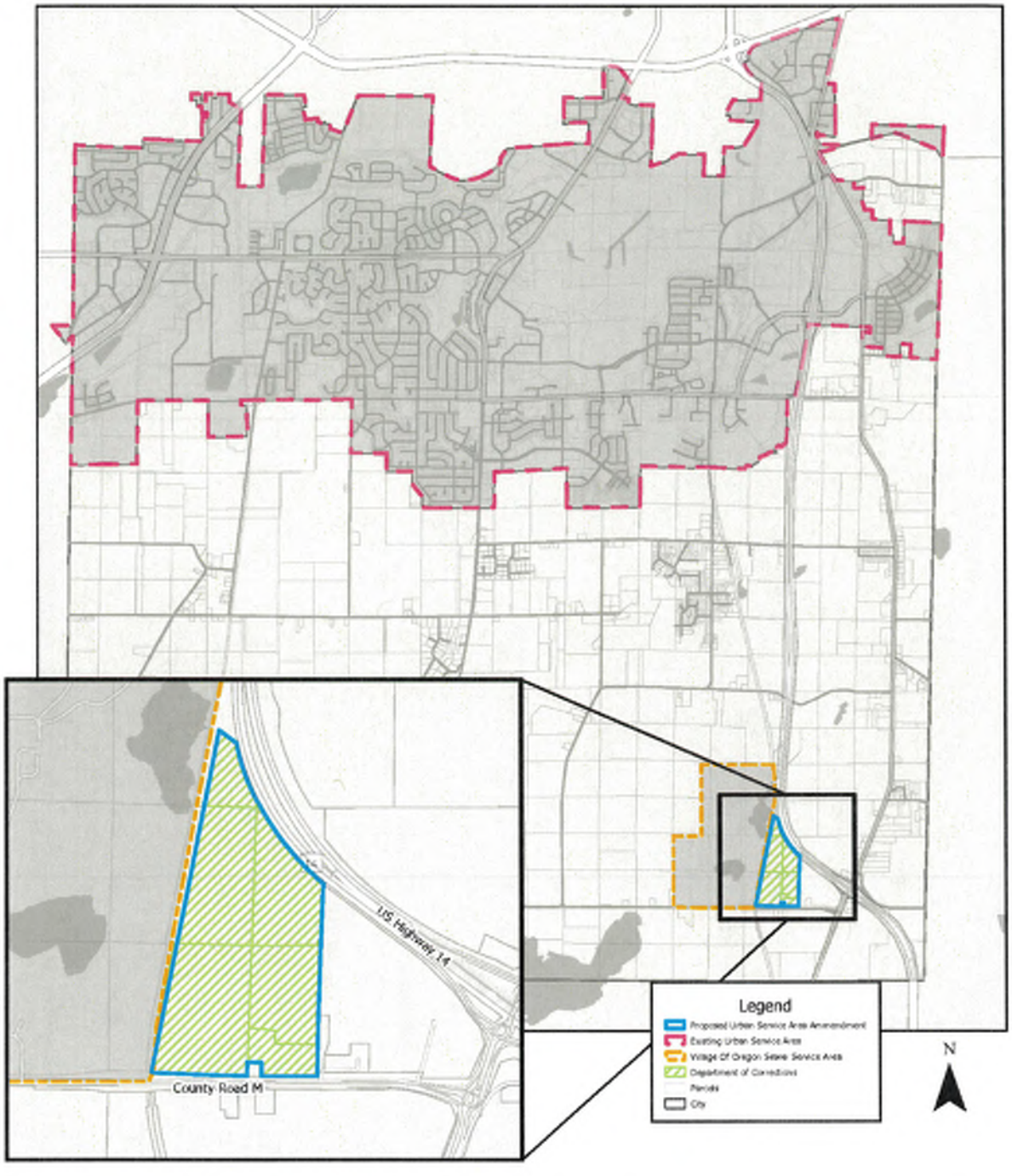
Adopted this 25th day of August, 2026.

Julia Arata-Fratta, Mayor

Tracy Oldenburg, City Clerk

Attachment A

Lands Included in the Proposed USA Amendment



Outlook

CARPC Submittal for USA Amendment - Statement of Capacity for Proposed WI DOC JCF

From Lauren Striegl <lstriegl@oregonwi.gov>
Date Fri 9/4/2026 10:48 AM
To Deanna Schmidt <deanna.schmidt@fitchburgwi.gov>
Cc Hoffmann, Robert L - DOA <robert.hoffmann@wisconsin.gov>; Christian Reid <creid@tcengineers.net>; Ben Heidemann <ben@tcengineers.net>

EXTERNAL EMAIL: BEWARE OF UNKNOWN ATTACHMENTS AND LINKS.

Hi Deanna,

On behalf of the Village of Oregon Sewer and Wastewater Utility, based on calculations provided by the State of Wisconsin Department of Administration staff and the Village's wastewater consulting engineer Town & Country Engineering, I confirm that the Village of Oregon Wastewater Treatment Plant has sufficient capacity to accept sanitary sewage discharge from the proposed Urban Service Area expansion area. In addition, I confirm that the Village of Oregon's downstream receiving sewer collections system has sufficient capacity to accept and transport the same.

If you have any questions, please let me know. Thank you.

Best,
Lauren

Lauren Striegl, P.E. *(she/her/hers)*
Director of Public Works
101 Alpine Parkway • Oregon, WI 53575
Main: 608-835-3118
Direct: 608-835-6285
lstriegl@oregonwi.gov
www.oregonwi.gov

This email has been scanned for spam and viruses by Proofpoint Essentials. Click here to report this email as spam.

Pipe Capacity Check – Manning's Equation

Oak Hill to Richards Road Lift Station

Village of Oregon

Upstream MH	Downstream MH	Upstream Rim Elev. (ft)	Upstream Depth (ft)	Downstream Rim Elev. (ft)	Downstream Depth (ft)	Pipe Length (ft)	Pipe Material	Diameter (in)	Upstream Invert (ft)	Downstream Invert (ft)	Slope (%)	Manning n	Full-Flow Capacity (cfs)	Upstream Equivelent # of meters	Inflow (cfs)	Inflow<Capacity
338	337	963.57	16.55	962.29	16.39	398.00	PVC	10	947.02	945.90	0.281	0.011	0.92	0.00	0.23	TRUE
337	336	962.29	18.24	952.38	9.45	407.00	PVC	10	944.05	942.93	0.275	0.011	0.91	0.00	0.23	TRUE
336	335	952.38	9.45	950.42	8.61	394.00	PVC	10	942.93	941.81	0.284	0.011	0.93	0.00	0.23	TRUE
335	333	950.42	9.18	949.17	8.72	351.00	PVC	12	941.24	940.45	0.225	0.011	1.34	0.00	0.23	TRUE
333	332	949.17	8.72	949.11	9.53	393.00	PVC	12	940.45	939.58	0.221	0.011	1.33	0.00	0.23	TRUE
332	331	949.11	9.53	950.89	12.15	380.00	PVC	12	939.58	938.74	0.221	0.011	1.33	0.00	0.23	TRUE
331	330	950.89	12.15	946.41	8.51	380.00	PVC	12	938.74	937.90	0.221	0.011	1.33	0.00	0.23	TRUE
330	329	946.41	8.51	945.06	8.00	380.00	PVC	12	937.90	937.06	0.221	0.011	1.33	0.00	0.23	TRUE
329	328	945.06	8.00	944.11	7.75	313.00	PVC	12	937.06	936.36	0.224	0.011	1.34	0.00	0.23	TRUE
328	327	944.11	7.75	945.26	9.60	282.00	PVC	12	936.36	935.66	0.248	0.011	1.41	0.00	0.23	TRUE
327	254	945.26	9.60	945.00	10.00	137.00	PVC	10	935.66	935.00	0.482	0.011	1.21	150.00	0.29	TRUE
254	253	945.00	10.00	943.24	10.31	330.00	PVC	10	935.00	932.93	0.627	0.011	1.38	25.00	0.30	TRUE
253	252	943.24	10.31	942.34	11.24	299.00	PVC	10	932.93	931.10	0.612	0.011	1.36	25.00	0.31	TRUE
252	258	942.34	13.24	946.67	18.17	198.00	PVC	10	929.10	928.50	0.303	0.011	0.96	25.00	0.32	TRUE
258	84	946.67	18.17	947.15	19.54	302.00	PVC	10	928.50	927.61	0.295	0.011	0.95	50.00	0.34	TRUE
84	Lift Station RR	947.15	19.54	946.19	19.36	40.00	PVC	10	927.61	926.83	1.950	0.011	2.43	450.00	0.51	TRUE

Notes:

Inflow at Oak Hill (Upstream of MH 338) assumes 1,000 people @ 150 GPD

1 equivelent Meter = 250 gpd

Richards Road Lift Station Firm Capcity = 2.92 cfs

Village of Oregon
Water Supply Summary
from PSC Annual Reports, 2020-2024

Total Gallons Entering Distribution System (1000 gal)	**2020**	**2021**	**2022**	**2023**	**2024**	**Average**
January	20,366	21,837	23,066	22,131	23,013	22,083
February	19,120	19,866	20,559	19,743	22,584	20,374
March	20,912	22,613	22,406	21,580	22,030	21,908
April	21,016	22,609	22,510	21,859	22,277	22,054
May	23,684	27,763	26,041	29,852	25,520	26,572
June	27,258	36,659	29,894	42,823	26,579	32,643
July	29,803	33,194	35,145	39,613	29,037	33,358
August	36,243	31,279	33,019	36,824	31,603	33,794
September	25,343	30,570	28,197	29,944	32,457	29,302
October	22,549	24,661	26,729	24,482	27,867	25,258
November	20,825	22,587	23,209	21,960	22,440	22,204
December	22,063	23,166	22,526	22,486	23,159	22,680
Total	289,182	316,804	313,301	333,297	308,566	312,230
Average Gallons per Month (1000 gal)	**24,099**	**26,400**	**26,108**	**27,775**	**25,714**	**26,019**
Average Day Pumpage (1000 gal/day)	**792.3**	**868.0**	**858.4**	**913.1**	**845.4**	**855.42**
Census/DOA Estimated Population	11,179	11,497	11,815	11,940	12,066	11,699
Avg Pumped Gallons per Capita Per Day	**70.9**	**75.5**	**72.6**	**76.5**	**70.1**	**73.1**
Maximum Day Usage (1000 gal)	1,525	1,585	1,442	1,817	1,458	1,565
Max Day Peaking Factor	1.92	1.83	1.68	1.99	1.72	1.83
Max Pumped Gallons per Capita per Day	**136**	**138**	**122**	**152**	**121**	**134**

Metered Water Use (1000 gal)	272,437	280,855	270,919	311,028	284,694	283,987
Non-Revenue Water (1000 gal)	16,745	35,949	42,382	22,269	23,872	28,243
Non-Revenue Water as % of Supplied	6%	11%	14%	7%	8%	9%

Shading indicates maximum per capita rates

Maximum Days Reported:

Total 1000 Gallons Pumped	Date	Cause
1458	9/16/2024	Dry summer and new homes establishing new lawns
1817	6/21/2023	Dry summer and new homes establishing new lawns
1442	8/12/2022	Dry summer homes; extra watering lawn
1585	6/17/2021	Dry summer homes extra watering lawn
1525	8/25/2020	Unknown

Village of Oregon
Water Supply Maximum Days - Statistics
from PSC Annual Report

Year	Maximum gallons (000s) pumped by all methods in any one day during reporting year	Date of maximum	Cause of maximum	Source of Water Supply - Total Annual Pumpage (000's)	Average Day Demand	MDD/ADD Ratio
2024	1458	9/16/2024	Dry summer and new homes establishing new lawns.	308,566	845,386	1.72
2023	1817	6/21/2023	dry summer and new homes establishing new lawns	333,297	913,142	1.99
2022	1442	8/12/2022	Dry summer homes; extra watering lawn	313,301	858,359	1.68
2021	1585	6/17/2021	Dry summer homes extra watering lawn.	316,804	79,690	1.77
2020	1525	8/25/2020	Unknown	289,182	792,279	1.92
2019	1819	8/9/2019	unknown	272,453	746,447	2.44
2018	1208	7/13/2018	Unknown	283,512	776,745	1.56
2017	1487	6/12/2017	Unknown	281,721	771,838	1.93
2016	1223	6/20/2016	Unknown - most likely main breaks	283,511	776,742	1.57
2015	1292	6/6/2015	Drought conditions during the summer.	281,705	771,795	1.67
2014	1730	6/12/2014	Drought conditions during the summer.	301,839	826,956	2.09
2013	1217	8/19/2013	Drought conditions during the summer.	276,611	757,838	1.61
2012	1836	7/16/2012	Drought conditions during the summer.	302,643	829,159	2.21
2011	1286	7/12/2011		273,118	748,268	1.72
2010	1183	6/1/2010	DRY WEATHER LAWN WATERING	270,490	741,068	1.60

Average	1.83
Number of Years of Data	15
Standard Deviation	0.260
degrees of freedom	14

Confidence Level %	Alpha	Value
80	0.2	1.92
85	0.15	1.93
90	0.1	1.95
95	0.05	1.98
98	0.02	2.01
99	0.01	2.03

Year	Maximum gallons (000s) pumped by all methods in any one day during reporting year	Date of maximum	Cause of maximum	Source of Water Supply - Total Annual Pumpage (000's)	Average Day Demand	MDD/ADD Ratio
2024	1458	9/16/2024	Dry summer and new homes establishing new lawns.	308,566	845,386	1.72
2023	1817	6/21/2023	dry summer and new homes establishing new lawns	333,297	913,142	1.99
2022	1442	8/12/2022	Dry summer homes; extra watering lawn	313,301	79,690	1.77
2021	1585	6/17/2021	Dry summer homes extra watering lawn.	316,804	867,956	1.83
2020	1525	8/25/2020	Unknown	289,182	792,279	1.92
2019	1819	8/9/2019	unknown	272,453	746,447	2.44
2018	1208	7/13/2018	Unknown	283,512	776,745	1.56
2017	1487	6/12/2017	Unknown	281,721	771,838	1.93

Average	1.89
Number of Years of Data	8
Standard Deviation	0.259
degrees of freedom	7

Confidence Level %	Alpha	Value
80	0.2	2.02
85	0.15	2.04
90	0.1	2.07
95	0.05	2.11
98	0.02	2.17
99	0.01	2.21

Village of Oregon

Peak Hour Demand Calculations

	Current Max Year
MDD (gpd) =	1,845,600
MDD Pumping Rate (gpm) =	1282

Time	Percent of Daily Ave. Demand	Calculated Peak Hour Demand (gpm)
Midnight		
1:00 AM	0.18	231
2:00 AM	0.18	231
3:00 AM	0.22	282
4:00 AM	0.34	436
5:00 AM	0.56	718
6:00 AM	0.73	936
7:00 AM	1.00	1,282
8:00 AM	1.25	1,602
9:00 AM	1.40	1,794
10:00 AM	1.42	1,820
11:00 AM	1.35	1,730
Noon	1.21	1,551
1:00 PM	1.18	1,512
2:00 PM	1.20	1,538
3:00 PM	1.25	1,602
4:00 PM	1.33	1,705
5:00 PM	1.60	2,051
6:00 PM	1.80	2,307
7:00 PM	1.60	2,051
8:00 PM	1.45	1,858
9:00 PM	1.13	1,448
10:00 PM	0.82	1,051
11:00 PM	0.52	666
Midnight	0.20	256
	1.00	

Village of Oregon
Projected Water Demands
Based on Per Capita Pumpage and Population Projections

Water Demand	**Avg. Factor**	**Current Average (2020-2024)**	**Current Max Year**
Population		12,066	12,066
Pumpage in Gallons per Capita per Day		73.1	76.5
Average Daily Demand (ADD) (gal)		882,200	922,800
Additional Future Demand			
Total ADD (gall)			
Maximum Day Demand (MDD) (gal)	2.00	1,764,400	1,845,600
MDD per Capita per Day		146	153
Population Growth			
PPZ % of Growth			
PPZ MDD (gal)			
HLPZ MDD (gal)			

Required Firm Well Capacity Projections
DNR Guidance for Municipal Drinking Water System Source Capacity:
Maximum Day Demand should be provided by firm well capacity pumping less than 18 hours per day.
Average Day Demand should be provided by firm well capacity running less than 12 hours per day.

		Current Average (2020-2024)	**Current Max Year**
Average Day Demand (ADD)		882,200	922,800
Maximum Day Demand (MDD)		1,764,400	1,845,600
Well Capacity			
Well 3	gpm	1,000	1,000
Well 4	gpm	850	850
Well 5	gpm	850	850
Well 6	gpm	850	850
Total Well Capacity	gpm	3,550	3,550
Firm Well Capacity	gpm	2,550	2,550
Required Firm Well Capacity - ADD 12 hrs	gpm	1,225	1,282
Required Firm Well Capacity - MDD 18 hrs	gpm	1,634	1,709
		Meets Guidance	Meets Guidance
Additional Well Capacity Needed (negative indicates excess capacity)	gpm	-916.3	-841.1

Sec. 30-28. - Stormwater management plan requirements.

(a) *Plan materials.* Stormwater management plans shall satisfy all of the requirements in subsection (b) of this section, and shall address at a minimum the following information:

(1) A narrative describing the proposed project, including an implementation schedule for planned practices;

(2) Identification of the entity responsible for long term maintenance of the project;

(3) A topographic map of the site location, including the contiguous properties, existing drainage patterns and watercourses affected by the proposed development of the site and the existing vegetative cover;

(4) A map showing drainage areas for each watershed area;

(5) A summary of runoff peak flow rate calculations, by watershed area, including:

a. Pre-development peak flow rates;

b. Post-development peak flow rates with no detention;

c. Post-development peak flow rates with detention;

d. Assumed runoff curve numbers (RCNs), which shall be consistent with Table 2 in section 30-35(a) for pre-development conditions; and

e. Time of concentration (Tc) used in calculations;

(6) A complete site plan and specifications, signed by the Professional Engineer who designed the stormwater management system(s) and measures. All plans shall be drawn to an easily legible scale, shall be clearly labeled, and shall include, at a minimum, all of the following information:

a. Property lines and lot dimensions;

b. All buildings and outdoor uses, existing and proposed, including all dimensions and setbacks;

c. All public and private roads, interior roads, driveways and parking lots. Show traffic patterns and type of paving and surfacing material;

d. All natural and artificial water features, including, but not limited to lakes, ponds, streams (including intermittent streams), and ditches. Show ordinary high-water marks of all navigable waters, 100-year flood elevations and delineated wetland boundaries, if any. If not available, appropriate flood zone determination or wetland delineation, or both, may be required at the applicant's expense;

e. Depth to bedrock;

f. Depth to seasonal high water table;

g.

The extent and location of all soil types as described in the county soil survey, slopes exceeding 12 percent, and areas of natural woodland or prairie;

h. Existing and proposed elevations (referenced to the North American Vertical Datum of 1988, where available) and existing and proposed contours in the area requiring a grading and filling permit;

i. Elevations, sections, profiles, and details as needed to describe all natural and artificial features of the project;

j. Soil erosion control and overland runoff control measures, including runoff calculations as appropriate;

k. Detailed construction schedule;

l. Copies of permits or permit applications required by any other governmental entities or agencies;

m. Location of all stormwater management practices;

n. All existing and proposed drainage features;

o. The location and area of all proposed impervious surfaces;

p. The limits and area of the disturbed area; and

q. Any other information necessary to reasonably determine the location, nature and condition of any physical or environmental features;

(7) Calculations demonstrating the stormwater management performance standards under subsection (b) of this section will be met;

(8) Engineered designs for all structural management practices;

(9) A description of methods to control oil and grease or written justification for not providing such control;

(10) If required under subsection (b)(6) of this section, a description and plans to control temperature of runoff; and

(11) A maintenance plan and schedule for all permanent stormwater management practices as recorded on the affidavit required in section 30-26(c)(4).

(12) A summary of infiltration calculations including:

a. Pre-development infiltration volume.

b. Calculated infiltration volume goal.

c. Achieved post-development infiltration volume.

(b) *Stormwater management performance standards.* Proposed design, suggested location and phased implementation of effective, practicable stormwater management measures for plans shall be designed, engineered and implemented to achieve the following results:

(1) *Sediment control.*

a. For new development, by design, one of the following methods shall be used:

i. Reduce total suspended solids load leaving the site by 80 percent, based on the average annual rainfall, as compared to no runoff management controls. This method requires the use of a continuous model such as SLAMM, P8 or equivalent, and the use of approved grain size distribution curves and rainfall data. These files are managed and maintained by the Wisconsin Department of Natural Resources and are available on its website. No person shall be required to exceed an 80 percent total suspended solids reduction, for the site as a whole, to meet the requirements of this subdivision. This analysis shall use approved procedures and shall assume no re-suspension of particles.

ii. Retain soil particles greater than five microns on the site, as measured during a one-year 24-hour storm event. This analysis shall use approved procedures and shall assume no re-suspension of particles.

b. For redevelopment, by design, one of the following methods shall be used:

i. Reduce, to the maximum extent practicable, total suspended solids load leaving the redeveloped site by 80 percent, based on the average annual rainfall, as compared to no runoff management controls. This method requires the use of a continuous model such as SLAMM, P8 or equivalent, and the use of approved grain size distribution curves and rainfall data. These files are managed and maintained by the Wisconsin Department of Natural Resources and are available on its website. No person shall be required to exceed a sixty (60) percent total suspended solids reduction, as compared to no controls, for new parking areas to meet the requirements of this section. This analysis shall use approved procedures and shall assume no re-suspension of particles.

ii. Retain soil particles greater than five microns on the site, as measured during a one-year 24-hour storm event. This analysis shall use approved procedures and shall assume no re-suspension of particles.

(2) *Oil and grease control.* For all stormwater plans for commercial or industrial developments and all other uses where the potential for pollution by oil or grease, or both, exists, the first 0.5 inches of runoff will be treated using the best oil and grease removal technology available. This requirement may be waived by the plan reviewer only when the applicant can demonstrate that installation of such practices is not necessary.

(3) *Runoff rate control; hydrologic calculations.* All runoff calculations shall be according to the methodology described in the Natural Resources Conservation Service's Technical Release 55, "Urban Hydrology for Small Watersheds" (commonly known as TR-55), or other methodology

approved by the county conservationist. The maximum pre-development runoff curve number and minimum post-development runoff curve numbers that may be used in the calculations are shown in section 30-35. The post-development soil permeability class for heavily disturbed sites shall be lowered one permeability class unless deep tilling or similar practices have been implemented to restore soil structure to pre-developed conditions. Lightly disturbed areas require no permeability class modification.

(4) *Runoff rate control; design standards.* Except for redevelopment, all stormwater facilities shall be designed, installed and maintained to effectively accomplish the following:

a. Maintain pre-development peak runoff rates for the one-year, 24-hour storm event (2.49 inches over 24-hour duration using the NRCS MSE4 storm distribution).

b. Maintain pre-development peak runoff rates for the two-year, 24-hour storm event (2.84 inches over 24-hour duration using the NRCS MSE4 storm distribution).

c. Maintain pre-development peak runoff rates for the ten-year, 24-hour storm event (4.09 inches over 24-hour duration using the NRCS MSE4 storm distribution).

d. Maintain pre-development peak runoff rates for the 100-year, 24-hour storm event (6.66 inches over 24-hour duration using the NRCS MSE4 storm distribution).

e. Safely pass storm events in excess of the 100-year, 24-hour storm event (6.66 inches over 24 hours duration using the NRCS MSE4 storm distribution).

(5) *Outlets.* Discharges from new construction sites must have a stable outlet capable of carrying designed flow as required in subsection (b)(4) of this section, at a non-erosive velocity. Outlet design must consider flow capacity and flow duration. This requirement applies to both the site outlet and the ultimate outlet to stormwater conveyance or water body.

(6) *Infiltration.* The stormwater management plan shall include the following provisions and practices to increase the infiltration of runoff at sites outside of groundwater protection areas:

a. *Residential development.* For both residential and non-residential developments, design practices to infiltrate sufficient runoff volume so that post-development infiltration volume shall be at least 90 percent of the pre-development infiltration volume, based upon average annual rainfall. If when designing appropriate infiltration systems, more than two percent of the site is required to be used as effective infiltration area, the applicant may alternately design infiltration systems and pervious surfaces to meet or exceed the estimated average annual recharge rate. The annual pre-development recharge rate shall be determined from the Wisconsin Geological and Natural History Survey's 2012 report, *Groundwater Recharge in Dane County, Estimated by a GIS-Based Water-Balanced Model* or subsequent updates to this report, or by a site specific analysis using other appropriate techniques. If this alternative design approach is taken, at least two percent of the site must be used for infiltration.

b. *Internally drained watersheds.* For both residential and non-residential sites located wholly or in part within an internally drained watershed, practices shall be designed to infiltrate as close to 100 percent as practicable of the average annual pre-development infiltration volume, regardless of the effective area of the infiltration system. Under no circumstances shall the reduction in runoff volume be less than 90 percent of the difference between the predevelopment annual runoff volume at a site and the post-development annual runoff volume at that site to be retained on site.

c. *Pretreatment.* Before infiltrating runoff, pretreatment shall be required for parking lot runoff and for runoff from new road construction in commercial, industrial and institutional areas that will enter an infiltration system. The pretreatment shall be designed to protect the infiltration system from clogging prior to scheduled maintenance and to protect groundwater quality. Pretreatment design shall be performed in accordance with the technical standards and specifications referenced in section 30-30.

d. *Deep tilling or similar practices.* Deep tilling or similar practices shall be implemented to restore soil structure to pre-developed conditions. The depth of tilling shall be at least two inches below the hardpan layer or compacted zone, as determined by a soil probe or soil penetrometer, up to a maximum depth of 36 inches. The maximum spacing of the cuts is five feet.

e. *Prohibitions.* Notwithstanding subsections (b)(6)a through d of this section, infiltration systems may not be installed in any of the following areas:

   1. Areas associated with tier 1 industrial facilities identified in Wis. Admin. Code § NR 216.21(2)(a) including storage, loading, rooftop and parking.
   2. Storage and loading areas of tier 2 industrial facilities identified in Wis. Admin. Code § NR 216.21(2)(b).
   3. Fueling and vehicle maintenance areas.
   4. Areas within 1,000 feet up gradient or within 100 feet down gradient of direct conduits to groundwater.
   5. Areas without proper separation distance from bottom of the infiltration system to the elevation of seasonal high groundwater or the top of bedrock. Infiltration practices shall be located so that the characteristics of the soil and the separation distances between the bottom of the infiltration system and the elevation of seasonal high groundwater or the top of bedrock are in accordance with Table 1. below:

Table 1. Separation Distances and Soil Characteristics		
Source Area	Separation Distance	Soil Characteristics

Industrial, Commercial, Institutional, Parking Lots and Roads	5 Feet or More	Filtering Layer
Residential Arterial Roads	5 Feet or More	Filtering Layer
Roofs Draining to Subsurface Infiltration Practices	1 Foot or More	Native or Engineered Soil with Particles Finer than Coarse Sand
Roofs Draining to Surface Infiltration Practices	Not Applicable	
All Other Impervious Source Areas	3 Feet or More	Filtering Layer

6. Areas with runoff from industrial, commercial and institutional parking lots and roads and residential arterial roads with less than five feet separation distance from the bottom of the infiltration system to the elevation of seasonal high groundwater or the top of bedrock.
7. Areas within 400 feet of a community water system well as specified in Wis. Admin. Code § NR 811.16(4) for runoff infiltrated from commercial, industrial and institutional land uses or regional devices for residential development.
8. Areas where contaminants of concern, as defined in Wis. Admin. Code § NR 720.03(2) are present in the soil through which infiltration will occur.

f. *Alternate use of runoff.* Where alternate uses of runoff are employed, such as for toilet flushing, laundry or irrigation, such alternate use shall be given equal credit toward the infiltration volume required by this section.

g. *Minimizing groundwater pollution.* According to Wis. Admin. Code ch. NR 151, infiltration systems designed in accordance with this section shall, to the extent technically and economically feasible, minimize the level of pollutants infiltrating to groundwater and shall maintain compliance with the preventive action limit at a point of standards application in accordance with Wis. Admin. Code ch. NR 140. However, if site-specific

information indicates that compliance with the preventive action limit is not achievable, the infiltration system may not be installed or shall be modified to prevent infiltration to the maximum extent practicable.

(7) *Thermal control reduction.* The stormwater management plan shall include provisions and practices to reduce the temperature of runoff for sites located within the watershed of a river or stream identified by the state department of natural resources as:

a. A cold water community as identified through Wis. Admin. Code § NR 102.04(3)(a), Wis. Admin. Code ch. NR 104, and Class I, Class II, and Class III Trout Streams identified in "Wisconsin Trout Streams," DNR publication PUB-FH-806-2002 or its successor.

b. Rivers or streams proposed by the state department of natural resources as cold water communities and class I, II, and III trout streams.

(8) *Thermal control continued.* The stormwater management plan does not have to meet the requirement in subsection (b)(7) of this section if the applicant can justify by use of a model approved by the city engineer and the county conservationist that practices are not necessary because the temperature increase of runoff from the site post-development will be zero.

(9) *Thermal control affected watersheds.* A current list and maps of affected watersheds shall be available for reference at the office of the city engineer.

(c) *Stormwater management goals.* The following standards shall be met whenever technically feasible without financial hardship as determined by the city engineer, and proposed design, suggested location and implementation of practices to meet these goals shall be included in plans:

(1) For existing development, design practices to retain soil particles greater than 20 microns on the site (40 percent reduction) resulting from a one-year 24-hour (2.5 inches over 24 hours duration) storm event, according to approved procedures, and assuming no sediment resuspension. For certain watersheds (e.g. Nine Springs Creek watershed), there may be a higher TSS percentage reduction required based on the Rock River Total Maximum Daily Load (TMDL) criteria.

(2) For street reconstruction, design practices to retain soil particles greater than 20 microns on the site (40 percent reduction) resulting from a one-year, 24 hour (2.5 inches over 24 hours duration) storm event, according to approved procedures, and assuming no sediment resuspension.

(3) For new construction, design practices to retain soil particles greater than 5 microns on the site (80 percent reduction) resulting from a two-year 24-hour storm event (2.9 inches over 24 hours duration), according to approved procedures, and assuming no sediment resuspension.

(4) For new residential and non-residential development outside of groundwater protection areas, infiltrate per subsection (b)(6)a of this section.

(Comp. Ords. 2009, § 27.10; Ord. No. 2014-O-06, § 2, 3-25-2014; Ord. No. 2020-O-09, § 1, 4-14-2020; Ord. No. 2020-O-11, § 1, 4-14-2020)