Village of Somers
7511 12th Street
Somers, WI 53171

Village Plan Commission Meeting
Agenda
Monday, May 8, 2023
5:30 P.M.

1. Call to order

2. Pledge of Allegiance

3. Approve Minutes of April 10, 2023 Meeting

4. Correspondence

5. Citizen Comments

6. **Rezone:**

Public Hearing and Action on Request by: Douglas Rothwell, 816 100th Ave., Kenosha, WI 53144 (Owner), requests a rezoning from A-1 Agricultural Preservation Dist. to A-2 General Agricultural Dist., on Tax Parcel #82-4-222-082-0200, located in the NW ¼ of Section 8, T2N, R22E, Village of Somers.

7. **Land Division (Certified Survey Map):**

Public Hearing and Action on Request by: Douglas Rothwell, 816 100th Ave, Kenosha, WI 53144 (Owner), requests approval of a Certified Survey Map (dated February 21, 2023 and prepared by Mark R. Madsen of Nielsen Madsen & Barber) to create one (1) 10.000-acre Lot and one (1) 25.548-acre Lot on Tax Parcel #82-4-222-082-0200, located in the NW ¼ of Section 8, T2N, R22E, Village of Somers.

8. **Rezone:**

Public Hearing and Action on Request by: Mastercraft Builders LLC, 5008 Green Bay Rd, Kenosha, WI (Owner), Nancy Washburn, Land Development Administration, LLC, 7450 County Line Rd, Mount Pleasant, WI 53403-9740 (Agent), requests a rezoning from A-2 General Agricultural Dist. to R-4 Urban Single-Family Residential Dist. & A-2 General Agricultural Dist. on Tax Parcel # 82-4-222-171-0040, located in the NE 1/4 of Section 17, T2N, R22E, Village of Somers.

9. **Land Division (Certified Survey Map):**

Public Hearing and Action on Request by: Mastercraft Builders LLC, 5008 Green Bay Rd, Kenosha, WI (Owner), Nancy Washburn, Land Development Administration, LLC, 7450 County Line Rd, Mount Pleasant, WI 53403-9740 (Agent), requesting approval of a Certified Survey Map on Tax Parcel #82-4-222-171-0040, located in the NE 1/4 of Section 17, T2N, R22E, Village of Somers.

10. Conditional Use Permit:

Public Hearing and Action on Request by: Hyslop Foundation Inc, 880 Green Bay Rd, Kenosha, WI 53144 (Owner); Timothy Leveque, 880 Green Bay Road, Kenosha, WI 53144 (Agent), requesting a Conditional Use Permit for Event Facilities with lodging, Living Quarters for Watchmen and Caretakers, and Summer Theaters and Amphitheaters or Band Shells in the PR-1 Park-Recreational Dist. on Tax Parcel #82-4-222-101-0323, located in the NE ¼ Section 10, T2 N, R22 E, Village of Somers.

11. Rezone:

Public Hearing and Action on Request by: Rossi Investments LLP, 13912 60th St, Bristol, WI 53104 (Owner), Bradley Hovanec, CAGE Engineering, Inc., 2200 Cabot Drive, Suite 325, Lisle, IL 60515 (Agent), requests a rezoning from A-1 Agricultural Preservation Dist. to B-3 Highway Business Dist. on part of Tax Parcel #82-4-222-041-0112, located in the NE 1/4 of Section 4, T2N, R22E, Village of Somers.

12. Conditional Use Permit:

Public Hearing and Action on Request by: Rossi Investments LLP, 13912 60th St, Bristol, WI 53104 (Owner), Bradley Hovanec, CAGE Engineering, Inc., 2200 Cabot Drive, Suite 325, Lisle, IL 60515 (Agent), requesting a Conditional Use Permit for a Compressed Natural Gas fueling station with minor truck servicing in the B-3 Highway Business Dist. on part of Tax Parcel #82-4-222-041-0112, located in the NE 1/4 of Section 4, T2N, R22E, Village of Somers.

13. Land Division (Certified Survey Map):

Public Hearing and Action on Request by: Rossi Investments LLP, 13912 60th St, Bristol, WI 53104 (Owner), Bradley Hovanec, CAGE Engineering, Inc., 2200 Cabot Drive, Suite 325, Lisle, IL 60515 (Agent), requests approval of a Certified Survey Map (dated March 17, 2023 and prepared by David A. Yurk of raSmith) to create one (1) 20.00-acre Lot from Tax Parcel #82-4-222-041-0112, located in the NE 1/4 of Section 4, T2N, R22E, Village of Somers.

14. Site Plan Review & Exterior Fenestration:

Discussion and Action Request by: Rossi Investments LLP, 13912 60th St, Bristol, WI 53104 (Owner), Bradley Hovanec, CAGE Engineering, Inc., 2200 Cabot Drive, Suite 325, Lisle, IL 60515 (Agent), requests site plan review and exterior fenestration review on Tax Parcel #82-4-222-041-0112, located in the NE 1/4 of Section 4, T2N, R22E, Village of Somers.

15. Plan Commission Conceptual Review:

Discussion and Action on Request by: Maplecrest Country Club Inc, 9401 18th St, Kenosha, WI 53144-7748 (Owner), Ryan Douglas, Land Quest, 4419 Washington Rd., Kenosha, WI 53144 (Agent), requesting conceptual review of a single- & multi-family residential development on Tax Parcel #82-4-222-201-0100, located in the NE 1/4 of Section 20, T2N, R22E, Village of Somers. Said conceptual approval is subject to receiving formal approvals by the Village Board of a comprehensive land use plan amendment, rezoning, land division, overall site plan & building fenestration review and stormwater management plans.

16. Adjourn

I hereby certify that as the designee of the chief elected official of the Village of Somers, I posted this notice of the May 8th, 2023 Village Plan Commission Meeting Agenda in 1 public place & on the Village website.

Dated this 1st day of May, 2023 Brandi Baker, Clerk-Treasurer

Requests from person with disabilities who need assistance to participate in this meeting should be made to the Clerk's Office at 262-859-2822 with as much notice as possible. Notice is hereby given that members of the Plan Commission members participate telephonically. Notice is hereby given that members of the Village Board may be in attendance for the sole purpose of gathering information. A quorum may be present. However, no Board action will be taken.

Original Post Date: May 1st, 2023

Village of Somers
Proceeding from the Village Plan Commission Meeting
April 10, 2023

1. **Call to Order**

   Chairman Stoner called the meeting to order at 5:30 p.m.

Present:

- Chairman George Stoner
- Commissioner Ron Grimes
- Commissioner Bob Lee
- Commissioner Scott Fredrick
- Commissioner Sandee Gardinier
- Commissioner Aiello

Absent: Don Boxx

Staff present in person: Administrator Jason Peters, Assistant to the Administrator Kevin Poirier, Trustees Gregg Sinnen, Ben Harbach and Karl Ostby, Joe Smith
Kenosha County Planners: Luke Godshall
Others: Keller Architect Nathan Laurent, Dale Tode (realtor/broker)

2. **Pledge of Allegiance**

   Chairman Stoner led everyone in the Pledge of Allegiance.

3. **Approve Minutes of March 13, 2022**

   Commissioner Aiello moved to approve to the minutes.
   Seconded by Commissioner Lee. Motion carried. 6-0 vote.

4. **Correspondence**

   None

5. **Citizen Comments**

   None

6. **Rezone: Public Hearing and Action on Request by:** Arlo F and Jeanne L Funk Trust,

27822 Santa Anita Blvd, Wesley Chapel, FL 33544 (Owner), Paul Bhardwaj, Golden Oil LLC, 1170 22nd Ave., Kenosha, WI 53140 (Agent), requests a rezoning from A-1 Agricultural Preservation Dist. to A-4 Agricultural Land Holding Dist. & A-1 Agricultural Preservation Dist., on Tax Parcel #82-4-222-073-0102, located in the SW ¼ of Section 7, T2N, R22E, Village of Somers.

Public comments: none

Commissioner Lee moves to accept the request.
Commissioner Fredrick seconds the motion

Passes unanimously

7. **<u>Land Division (Certified Survey Map)</u>: Public Hearing and Action on Request by:** Arlo F and Jeanne L Funk Trust, 27822 Santa Anita Blvd, Wesley Chapel, FL 33544 (Owner), Paul Bhardwaj, Golden Oil LLC, 1170 22nd Ave., Kenosha, WI 53140 (Agent), requests approval of a Certified Survey Map (undated CSM prepared by Ryan Wilgreen of Excel Engineering) to create one (1) 25.00-acre Lot and one (1) 37.027-acre Lot from Tax Parcel # 82-4-222-073-0102, located in the SW ¼ of Section 7, T2N, R22E, Village of Somers.

   Public comments: none

   Commissioner Lee opens the public hearing
   Commissioner Fredrick and Aiello second the motion

   Administrator Peters explains the implication of the land division explains it will allow the developer to do buy the land.
   President Stoner mentions there are a couple projects at that location.
   Administrator Peters reminds commissioners that the developer presented a concept plan last month.

   Passes unanimously

8. **Adjourn**

   Commissioner Aiello moved to adjourn.
   Seconded by Commissioner Fredrick.
   Motion carried 6-0 vote.

Drafted April 12, 2023.
These minutes are not official until approved by the Plan Commission. Submitted by Kevin Poirier

COUNTY OF KENOSHA

Division of Planning & Development

Andy M. Buehler, Director
Division of Planning & Development
19600 75th Street, Suite 185-3
Bristol, WI 53104-9772
(262) 857-1895

TO: **Village of Somers Plan Commission**
FROM: **Luke Godshall, Senior Land Use Planner**
RPT DATE: **04-28-23**
MTG DATE: **05-08-23**
APPLN DATE: **03-23-23**
RE: **Rothwell CSM & Rezoning**

PROJECT/SITE INFO:

1. Petitioner/Agent: Douglas Rothwell
2. Property Owner: Douglas Rothwell
3. Location/Address: SW corner of CTH A & 100th Avenue
4. Tax key Number(s): 82-4-222-082-0200
5. Area: 35.24 acres
6. Existing Zoning: A-1 Agricultural Preservation Dist.
7. Proposed Zoning: A-2 General Agricultural Dist.
8. Existing Land Use: Business/Industrial Park
9. Proposed Land Use: Business/Industrial Park

PROJECT OVERVIEW:
The Petitioner is proposing to split the subject parcel into one (1) 10.000-acre Lot and one (1) 25.548-acre Lot via Certified Survey Map. The proposed 10-acre Lot is intended to be sold to a family member to build a single-family residence on, while Lot 2 would remain owned by the current owner and continue to be farmed. A rezoning of the parcel from A-1 Agricultural Preservation District to A-2 General Agricultural District is also being proposed, as the proposed Lot sizes are too small to remain zoned A-1 (35-acre lot size minimum).

PLANNER COMMENTS:
Because the parcel's current zoning of A-1 requires a minimum parcel size of 35 acres and a minimum lot frontage width of 600 feet, rezoning the parcel from A-1 to A-2 would be required to allow for the lot sizes being proposed on the submitted CSM. The proposed Lots of the CSM would conform to the A-2 zoning district minimum standards, which require a minimum parcel size of 10 acres and a minimum lot frontage width of 300 feet.

The proposed Lots of the CSM are intended to be served by Private Onsite Wastewater Treatment Systems (POWTS), as sewer is not available to the subject parcel. At the time of this report, the Petitioner has not yet submitted soil test information for the proposed Lots of the CSM, which is required under the County Sanitary Ordinance to ensure the proposed Lots of the CSM contain suitable POWTS sites. The locations of the soil borings on each Lot will also need to be added by the surveyor onto the face of the CSM. The Petitioner is aware that soil tests are needed and is in the process of hiring a licensed soil tester to perform soil borings on the proposed Lots. <u>The proposed rezoning and CSM should not receive Board approval until the required soil test information has been submitted to & received approval from the County Sanitarian</u>.

Andy M. Buehler, Director
Division of Planning & Development
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The submitted Certified Survey Map generally complies with the Village of Somers Land Division and Platting Control Ordinance. Noted below are several recommendations for revisions to be made to the CSM prior to its recordation in the Kenosha County Register of Deeds office.

STAFF RECOMMENDATION:
Should the Plan Commission choose to recommend approval of this project, staff would recommend the following conditions:

1. Final approval of the rezoning and Certified Survey Map shall not be granted by the Board until soil tests on the proposed Lots of the CSM have been reviewed and approved by the County Sanitarian.

2. The Certified Survey Map shall be subject to the following:

   a. Subject to revising the CSM to address review comments from the Wisconsin Department of Administration's April 18, 2023 review letter.

   b. Subject to making the following revisions to the CSM:
      1. Add the locations of soil borings on each Lot to the face of the CSM and include a legend item identifying the soil boring symbol.
      2. Add note stating there shall be no filling, excavation or building within wetland areas.
      3. Add a 50'x50' vision corner easement at the northeast corner of Lot 2.
      4. Add the following vision corner easement note to the face of the CSM:
         "No obstructions, such as structures, fences, parking or vegetation shall be permitted in any business, manufacturing or institutional district between the heights of two (2) feet and ten (10) feet above the plane through the centerline of the road within the triangular space formed by any two (2) existing or proposed intersecting street or alley right-of-way lines and a line joining points on such lines located a minimum of fifteen (15) feet from the road right-of-way. In the case of any federal, state or county highway or village road intersection with any other federal, state or county highway or village road or railways, the corner cutoff distances establishing the triangular vision clearance space shall be increased to fifty (50) feet."

      5. On Sheet 6, remove the "Plan Commission Approval" signature area (only Village Board approval is required).

   c. Subject to all rules and requirements of Chapter 15 of the Kenosha County Sanitary Code and Private Sewage System Ordinance and SPS 383 and 385 of the Wisconsin Administrative Code. Complete soil and site evaluations have been conducted on each lot and where required by County Ordinance. The report is on file with the Kenosha County Department of Planning and Development. Any change in the location of the dispersal cell area must result in another soil and site evaluation by a licensed State of Wisconsin soil tester prior to changing the location of a prospective Private Onsite Wastewater Treatment Systems (POWTS). It is recommended that any desired change in the location of the dispersal cell be done prior to any transaction of property. All tested areas shall be protected and preserved by the developer and any subsequent owner from any disturbance

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which includes: cutting and filling of existing soil surface, compaction from vehicles, installation of roads and driveways, installation of stormwater devices and excavation for utilities. Destruction of a POWTS site may result in a parcel being unbuildable. None of these lots may have their dwellings served by holding tanks.

d. Subject to sending an electronic copy of the revised CSM showing the aforementioned changes to the Kenosha County Department of Planning and Development office to receive sign-off prior to the surveyor preparing the recordable CSM document for signatures. The county contact is Luke Godshall who can be contacted at the following e-mail address: luke.godshall@kenoshacounty.org.

e. No land division shall be recorded if any portion or part of the parent parcel has any unpaid taxes or outstanding special assessments without prior approval of the local and Kenosha County Treasurer.

f. Subject to the Certified Survey Map (CSM) being recorded with the Kenosha County Register of Deeds within twelve (12) months of receiving approval from the Somers Village Board.

Sept. 2021

VILLAGE OF SOMERS

Department of Planning and Development

RECEIVED

MAR 23 2023

Kenosha County
Planning and Development

REZONING APPLICATION

(a) Property Owner's Name:
Douglas Rothwell

Print Name: Douglas Rothwell Signature: Douglas P. Rothwell

Mailing Address: 816 100th Ave

City: Ken State: WI Zip: 53144

Phone Number: (262) 994-5290 E-mail (optional): _____

Note: Unless the property owner's signature can be obtained in the above space, a letter of agent status **signed** by the legal property owner **must** be submitted if you are a tenant, leaseholder, or authorized agent representing the legal owner, allowing you to act on their behalf.

(b) Agent's Name (if applicable):

Print Name: _____ Signature: _____

Business Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ E-mail (optional): _____

(c) Tax key number(s) of property to be rezoned:
82-4-222-082-0200

Property Address of property to be rezoned:
7th St Kenosha, WI

(d) Proposed use (a statement of the type, extent, area, etc. of any development project):
Farmland Perservation and Rural Density Residental (1 Lot)

(e) Check the box next to any and all of the **existing** zoning district classifications present on the subject property:

☑ A-1 Agricultural Preservation District	☐ B-1 Neighborhood Business District
☐ A-2 General Agricultural District	☐ B-2 Community Business District
☐ A-3 Agricultural Related Manufacturing, Warehousing and Marketing District	☐ B-3 Highway Business District
☐ A-4 Agricultural Land Holding District	☐ B-4 Planned Business District
☐ AE-1 Agricultural Equestrian Cluster Single-Family District	☐ B-5 Wholesale Trade and Warehousing District
☐ R-1 Rural Residential District	☐ BP-1 Business Park District
☐ R-2 Suburban Single-Family Residential District	☐ B-94 Interstate Highway 94 Special Use Business District
☐ R-3 Urban Single-Family Residential District	☐ M-1 Limited Manufacturing District
☐ R-4 Urban Single-Family Residential District	☐ M-2 Heavy Manufacturing District
☐ R-4.5 Urban Single-Family Residential District	☐ M-3 Mineral Extraction District
☐ R-5 Urban Single-Family Residential District	☐ M-4 Sanitary Landfill and Hazardous Waste Disposal District
☐ R-6 Urban Single-Family Residential District	☐ I-1 Institutional District
☐ R-7 Suburban Two-Family and Three-Family Residential District	☐ PR-1 Park-Recreational District
☐ R-8 Urban Two-Family Residential District	☐ C-1 Lowland Resource Conservancy District
☐ R-9 Multiple-Family Residential District	☐ C-2 Upland Resource Conservancy District
☐ R-10 Multiple-Family Residential District	☐ FPO Floodplain Overlay District
☐ R-11 Multiple-Family Residential District	☐ PUD Planned Unit Development Overlay District
☐ R-12 Mobile Home/Manufactured Home Park-Subdivision District	☐ AO Airport Overlay District
	☐ RC Rural Cluster Development Overlay District

(f) Check the box next to any and all of the **proposed** zoning district classifications proposed for the subject property:

☐ A-1 Agricultural Preservation District	☐ B-1 Neighborhood Business District
☑ A-2 General Agricultural District	☐ B-2 Community Business District
☐ A-3 Agricultural Related Manufacturing, Warehousing and Marketing District	☐ B-3 Highway Business District
☐ A-4 Agricultural Land Holding District	☐ B-4 Planned Business District
☐ AE-1 Agricultural Equestrian Cluster Single-Family District	☐ B-5 Wholesale Trade and Warehousing District
☐ R-1 Rural Residential District	☐ BP-1 Business Park District
☐ R-2 Suburban Single-Family Residential District	☐ B-94 Interstate Highway 94 Special Use Business District
☐ R-3 Urban Single-Family Residential District	☐ M-1 Limited Manufacturing District
☐ R-4 Urban Single-Family Residential District	☐ M-2 Heavy Manufacturing District
☐ R-4.5 Urban Single-Family Residential District	☐ M-3 Mineral Extraction District
☐ R-5 Urban Single-Family Residential District	☐ M-4 Sanitary Landfill and Hazardous Waste Disposal District
☐ R-6 Urban Single-Family Residential District	☐ I-1 Institutional District
☐ R-7 Suburban Two-Family and Three-Family Residential District	☐ PR-1 Park-Recreational District
☐ R-8 Urban Two-Family Residential District	☐ C-1 Lowland Resource Conservancy District
☐ R-9 Multiple-Family Residential District	☐ C-2 Upland Resource Conservancy District
☐ R-10 Multiple-Family Residential District	☐ FPO Floodplain Overlay District
☐ R-11 Multiple-Family Residential District	☐ PUD Planned Unit Development Overlay District
☐ R-12 Mobile Home/Manufactured Home Park-Subdivision District	☐ AO Airport Overlay District
	RC Rural Cluster Development Overlay District

(g) Your request must be consistent with the existing planned land use category as shown on Map 65 of the adopted "Multi-Jurisdictional Comprehensive Plan for Kenosha County: 2035".

The existing planned land use category for the subject property is:

☑	Farmland Protection	☐	Governmental and Institutional
☐	General Agricultural and Open Land	☐	Park and Recreational
☐	Rural-Density Residential	☐	Street and Highway Right-of-Way
☐	Agricultural and Rural Density Residential	☐	Other Transportation, Communication, and Utility
☐	Suburban-Density Residential	☐	Extractive
☐	Medium-Density Residential	☐	Landfill
☐	High-Density Residential	☐	Primary Environmental Corridor
☐	Mixed Use	☐	Secondary Environmental Corridor
☐	Commercial	☐	Isolated Natural Resource Area
☐	Office/Professional Services	☐	Other Conservancy Land to be Preserved
☐	Industrial	☐	Nonfarmed Wetland
☐	Business/Industrial Park	☐	Surface Water

(h) Attach a plot plan or survey plat of property to be rezoned (showing location, dimensions, zoning of adjacent properties, existing uses and buildings of adjacent properties, floodways and floodplains)—drawn to scale.

(i) The Village of Somers Department of Planning and Development may ask for additional information.

(j) The name of the County Supervisor of the district wherein the property is located (District Map):

Supervisory District Number: 19 County Board Supervisor: Brian Bashaw

(k) The fee specified in Section 12.05-8 of this ordinance.

Request for Rezoning Petition (payable to "Kenosha County").....$1,450.00

(For other fees see the Fee Schedule)

Note: Agricultural Use Conversion Charge

The use value assessment system values agricultural land based on the income that would be generated from its rental for agricultural use rather than its fair market value. When a person converts agricultural land to a non-agricultural use (e.g. residential or commercial development), that person may owe a conversion charge. To obtain more information about the use value law or conversion charge, contact the Wisconsin Department of Revenue's Equalization Section at 608-266-2149 or visit http://www.revenue.wi.gov/faqs/slf/useassmt.html.

Note that the act of rezoning property from an agricultural zoning district to a non-agricultural zoning district does not necessarily trigger the agricultural use conversion charge. It is when the use of the property changes from agricultural that the conversion charge is assessed.

KENOSHA COUNTY
INTERACTIVE MAPPING

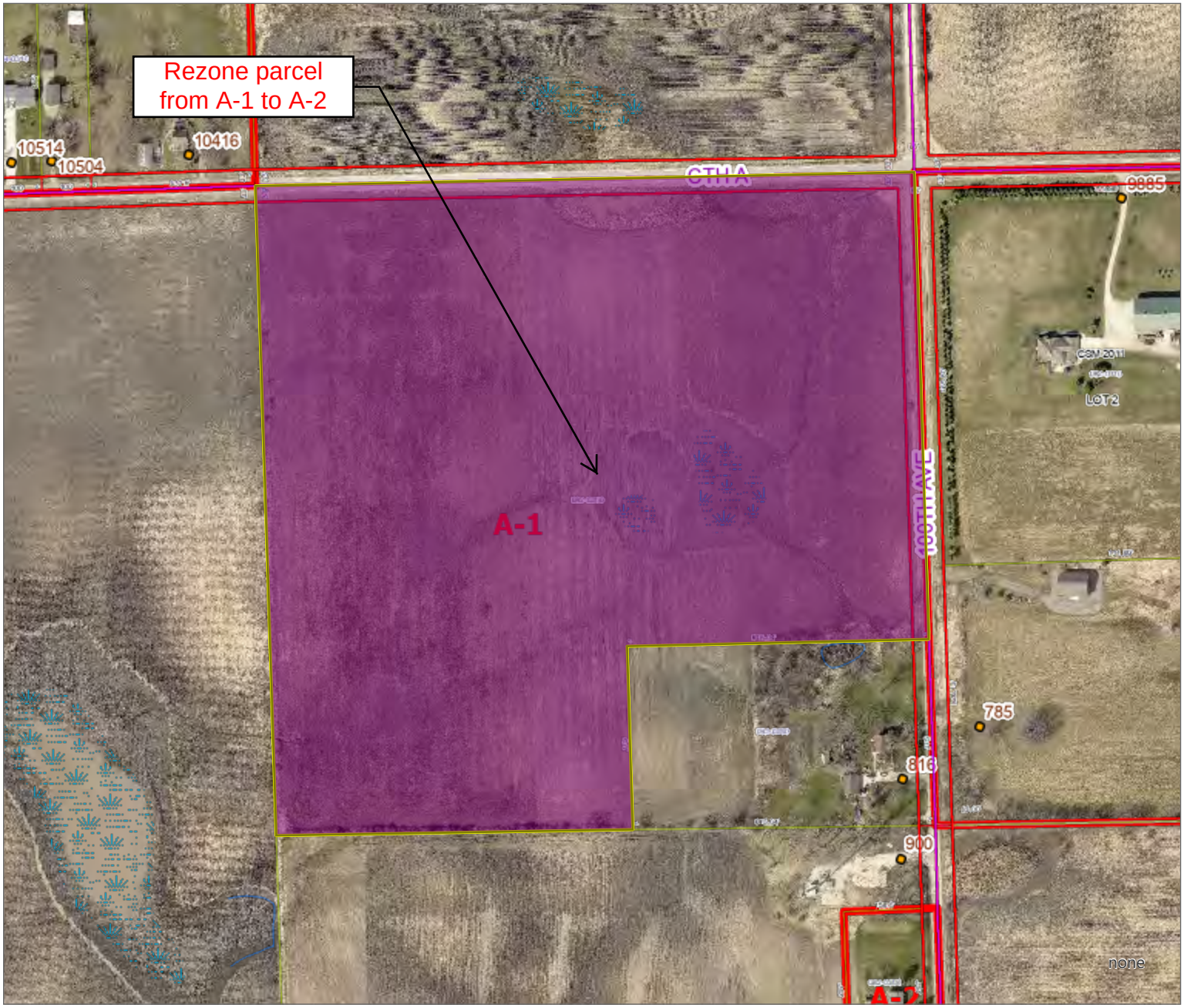
EXISTING ZONING

N
S

1 Inch =300 Feet

DISCLAIMER This map is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, data and information located in various state, county and municipal offices and other sources affecting the area shown and is to be used for reference purposes only. Kenosha County is not responsible for any inaccuracies herein contained. If discrepancies are found, please contact Kenosha County.

Date Printed: 1/19/2023



KENOSHA COUNTY
INTERACTIVE MAPPING

PROPOSED ZONING

N
S

1 Inch =300 Feet

DISCLAIMER This map is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, data and information located in various state, county and municipal offices and other sources affecting the area shown and is to be used for reference purposes only. Kenosha County is not responsible for any inaccuracies herein contained. If discrepancies are found, please contact Kenosha County.

Date Printed: 1/19/2023

VILLAGE OF SOMERS
Department of Planning & Development

RECEIVED
MAR 23 2023
Kenosha County
Planning and Development

LAND DIVISION APPLICATION

In order for applications to be processed, all information, drawings, application signatures, and fees required shall be submitted at time of application.

Please check the appropriate box below for the type of application being submitted:

- [x] Certified Survey Map
- [ ] Subdivision Preliminary Plat
- [ ] Subdivision Final Plat
- [ ] Condominium Plat

Applicant is: [x] Property Owner [ ] Subdivider [ ] Other _____

Applicant Name: Douglas Rothwell Date 02/13/2022

Mailing Address: 816 100th Ave Kenosha, WI 53144 Phone # (262) 994-5290

_____ Phone # _____

Tax Parcel Number(s): 82-4-222-082-0200

_____ Acreage of Project: 35.225

Location of Property (including legal description):

Part of the NW 1/4 of the NW 1/4 of Section 8, Township 2 North, Range 22 East of the Fourth Principal Meridian, in the Village of Somers, County of Kenosha, State of Wisconsin

Subdivision/Development Name (if applicable): N/A

Existing Zoning: A-1 Proposed Zoning: A-2

Village Land Use Plan District Designation(s) (if applicable):

Present Farmland Preservation

Proposed Farmland Preservation and Rural Density residential

Present Use(s) of Property: Agricultural

Proposed Use(s) of Property: Residential (1 Lot only)

The subdivision abuts or adjoins a state trunk highway..... Yes ( ) No (✔)

The subdivision will be served by public sewer ..... Yes ( ) No (✔)

The subdivision abuts a county trunk highway ..... Yes (✔) No ( )

The subdivision contains shoreland/floodplain areas ..... Yes ( ) No (✔)

The subdivision lies within the extra-territorial plat (ETP) authority area of a nearby Village or City ..... Yes ( ) No (✔)

*Applicant is responsible for submitting to the ETP authority any fees and documentation needed to obtain a recommendation.

REQUIRED SIGNATURE(S) FOR ALL APPLICATIONS:

Douglas P. Rothwell 3/3/23

Property Owner's Signature Date

Property Owner's Signature Date

REQUIRED APPLICABLE SIGNATURES:

Douglas P. Rothwell 3/3/23

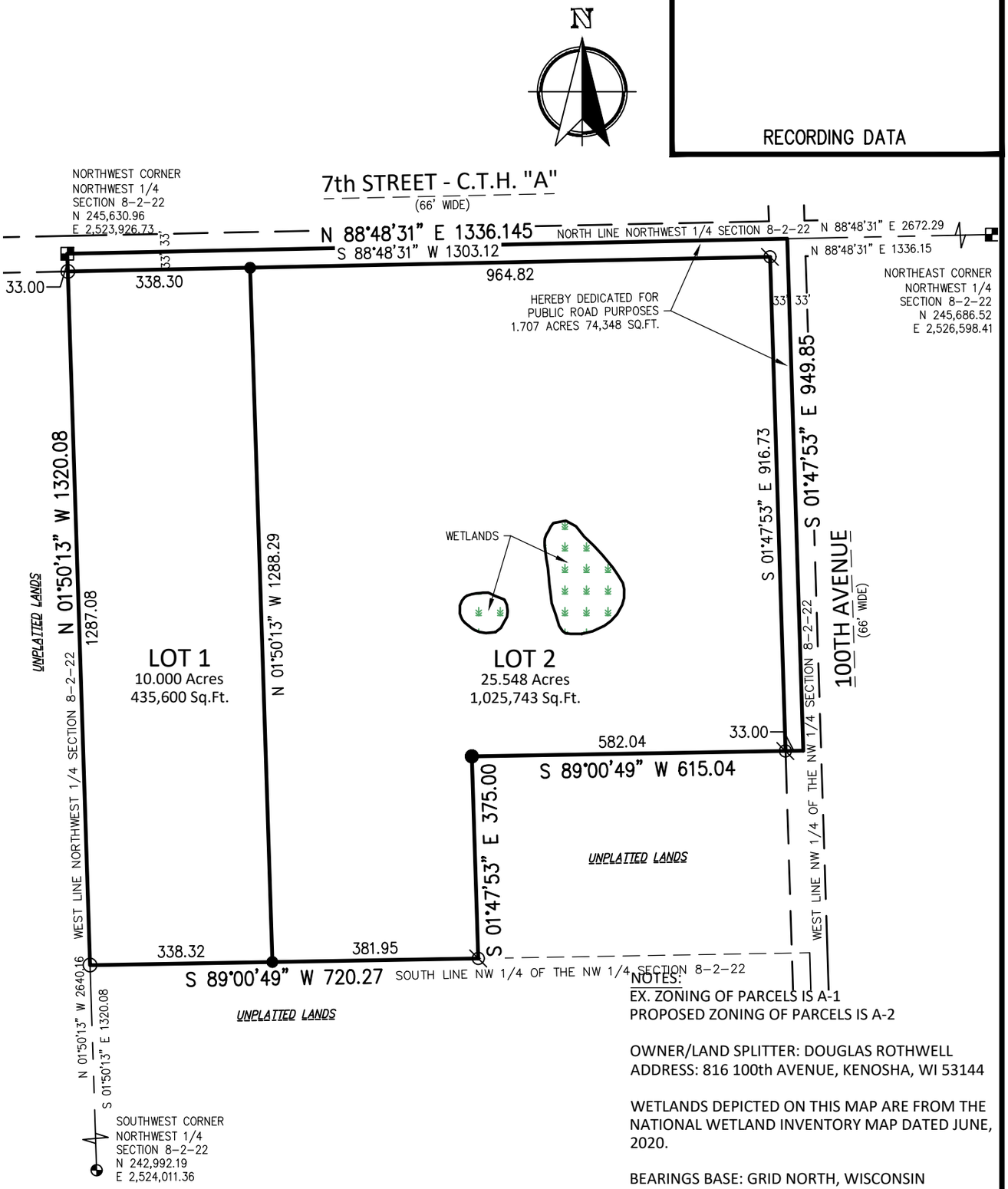
Applicant's Signature Date

Developer's Signature Date

CERTIFIED SURVEY MAP NO. _____

PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 8, TOWNSHIP 2 NORTH, RANGE 22 EAST OF THE FOURTH PRINCIPAL MERIDIAN, IN THE VILLAGE OF SOMERS, COUNTY OF KENOSHA, STATE OF WISCONSIN.

RECORDING DATA



250' 0' 250'

SCALE 1"=250'

SEE PAGE 2 FOR LOCATION MAP

NOTES:

EX. ZONING OF PARCELS IS A-1
PROPOSED ZONING OF PARCELS IS A-2

OWNER/LAND SPLITTER: DOUGLAS ROTHWELL
ADDRESS: 816 100th AVENUE, KENOSHA, WI 53144

WETLANDS DEPICTED ON THIS MAP ARE FROM THE NATIONAL WETLAND INVENTORY MAP DATED JUNE, 2020.

BEARINGS BASE: GRID NORTH, WISCONSIN COORDINATE SYSTEM, SOUTH ZONE. BASED UPON NAD 1983 / 2011. THE NORTH LINE OF THE NW 1/4 OF SECTION 8-2-22 IS ASSUMED TO BEAR N 88°48'31" E.

LEGEND:

- ⊘ 1" O.D. IRON PIPE FOUND
- ○ 1-1/4" O.D. IRON PIPE FOUND
- ● 3/4" O.D. x 18" REBAR - 1.51 LBS/LIN FT. SET
- ◔ 6" CONC. MON. W / BRASS CAP FOUND
- ◪ 6" CONC. MON. W / SEWRPC BRASS CAP FOUND

Nielsen Madsen + Barber
CIVIL ENGINEERS AND LAND SURVEYORS
1458 Horizon Blvd. Suite 200, Racine, WI. 53406
Tele: (262)634-5588 Website: www.nmbsc.net

This Instrument was drafted by Mark R. Madsen February 21, 2023

2022.0072.01.DWG
SHEET 1 OF 3 SHEETS

CERTIFIED SURVEY MAP NO. _____

PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 8, TOWNSHIP 2 NORTH, RANGE 22 EAST OF THE FOURTH PRINCIPAL MERIDIAN, IN THE VILLAGE OF SOMERS, COUNTY OF KENOSHA, STATE OF WISCONSIN.

SURVEYOR'S CERTIFICATE

I, Mark R. Madsen, hereby certify: That I have prepared this Certified Survey Map at the direction of the owner; THAT such Map is a correct representation of the exterior boundaries of the land surveyed and are described as: That part of the Northwest 1/4 of Section 8, Township 2 North, Range 22 East of the Fourth Principal Meridian, being more particularly bounded and described as follows: Beginning at the Northwest corner of said Northwest 1/4 of Section 8, run thence N88°48'31"E, 1336.145 feet along the North line of said Northwest 1/4 of Section 8 to the Northeast corner of the Northwest 1/4 of said Northwest 1/4 of Section 8; thence S01°47'53"E, 949.85 feet along the East line of said Northwest 1/4 of the Northwest 1/4 of Section 8; thence S89°00'49"W, 615.04 feet; thence S01°47'53"E, 375.00 feet to the South line of said Northwest 1/4 of the Northwest 1/4 of Section 8; thence S89°00'49"W, 720.27 feet along said South line of the Northwest 1/4 of the Northwest 1/4 of Section 8 to the West line of the Northwest 1/4 of Section 8; thence N01°50'13"W, 1320.08 feet along said West line of the Northwest 1/4 of Section 8 to the Northwest corner of the Northwest 1/4 of Section 8 and the point of beginning of this description. Said land being in the Village of Somers, County of Kenosha, State of Wisconsin. Subject to the rights of the public in and to the Northerly and Easterly 33.00 feet for public roadway purposes. Containing 1,535,689 square feet or 35.225 acres (1,461,341 square feet or 33.548 acres when excluding the Northerly and Easterly 33.00 feet).

THAT I have fully complied with the provisions of Section 236.34 of the Wisconsin Statutes and the Code of General Ordinances for the Village of Somers. THAT such map is a true representation of all exterior boundaries of the land surveyed and the land division thereof made;

February 21, 2023

_____

Mark R. Madsen, P.E., P.L.S. (S-2271)
Nielsen Madsen & Barber, S.C.
1458 Horizon Blvd. Suite 200
Racine, WI 53406
(262)634-5588

OWNERS' CERTIFICATE

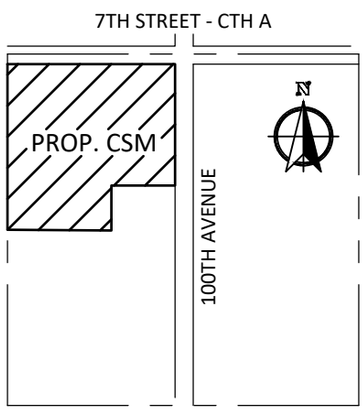
I, Douglas Rothwell as Owner hereby certify that I have caused the lands described on this map to be surveyed, divided, mapped and dedicated as represented on this Certified Survey Map. I also do further certify that this Certified Survey Map is required to be submitted to the the following for approval or objection: Village Board of the Village of Somers.

IN WITNESS WHEREOF the said _____has caused these presents to be signed by _____as Owners at _____ Wisconsin on this _____ day of _____ 2023.

_____

Douglas Rothwell
816 100th Avenue
Kenosha, WI 53144

LOCATION MAP



NW 1/4 SECTION 8-2-22

Nielsen Madsen + Barber
CIVIL ENGINEERS AND LAND SURVEYORS
1458 Horizon Blvd. Suite 200, Racine, WI. 53406
Tele: (262)634-5588 Website: www.nmbsc.net

This Instrument was drafted by Mark R. Madsen February 21, 2023

CERTIFIED SURVEY MAP NO. _____

PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 8, TOWNSHIP 2 NORTH, RANGE 22 EAST OF THE FOURTH PRINCIPAL MERIDIAN, IN THE VILLAGE OF SOMERS, COUNTY OF KENOSHA, STATE OF WISCONSIN.

STATE OF WISCONSIN)
COUNTY OF_____)

Personally came before me this _____ day of _____, 2023, Douglas Rothwell, to me known to be the person who executed the foregoing instrument, and acknowledged that they executed the foregoing.

Notary Public, _____
My commission expires: _____

PLAN COMMISSION APPROVAL
APPROVED as a Certified Survey Map this _____ day of _____, 2023.

_____ _____, Date: _____
George Stoner, President

_____ _____, Date: _____
Secretary

VILLAGE BOARD APPROVAL
APPROVED as a Certified Survey Map this _____ day of _____, 2023.

_____ _____, Date: _____
George Stoner, President

_____ _____, Date: _____
Brandi Baker, Village Clerk-Treasurer

Nielsen Madsen + Barber
CIVIL ENGINEERS AND LAND SURVEYORS
1458 Horizon Blvd. Suite 200, Racine, WI. 53406
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This Instrument was drafted by Mark R. Madsen February 21, 2023

2022.0072.01.DWG
SHEET 3 OF 3 SHEETS

TONY EVERS
GOVERNOR
KATHY BLUMENFELD
SECRETARY-DESIGNEE
Plat **R**eview
PO Box 1645, Madison WI 53701
E-mail: plat.review@wi.gov
https://doa.wi.gov/platreview

April 18, 2023

Mark Madsen
NIELSEN MADSEN & BARBER
1458 HORIZON BLVD STE 200, MOUNT PLEASANT WI 53406
mmadsen@nmbsc.net

FILE NO. 121630
Certified Survey Map
Douglas Rothwell,
Village of Somers, Kenosha County

Dear Mark Madsen:

Per request, we have reviewed this certified survey map (CSM) for compliance with s. 236.34 Wis. Stats. Our comments are as follows:

REVIEW COMMENTS:
s. 236.20 (2) (j) The area of Lot 2 should be shown as 23.548 acres; the total area of the CSM as shown in the Surveyor's certificate calculates and should be shown as 35.255 acres.

s. 236.34 (1m) (d) The location of the land division should be shown by 1/4-1/4 section in the Surveyor's certificate.

s. 236.34 (1m) (e) Reference to 'objection' should be removed from the Owner's certificate (there are only approval agencies for this CSM).

If you have any questions regarding this review, please contact me as noted above.

Regards,

Don Sime, PLS
Plat Review
Email: plat.review@wi.gov

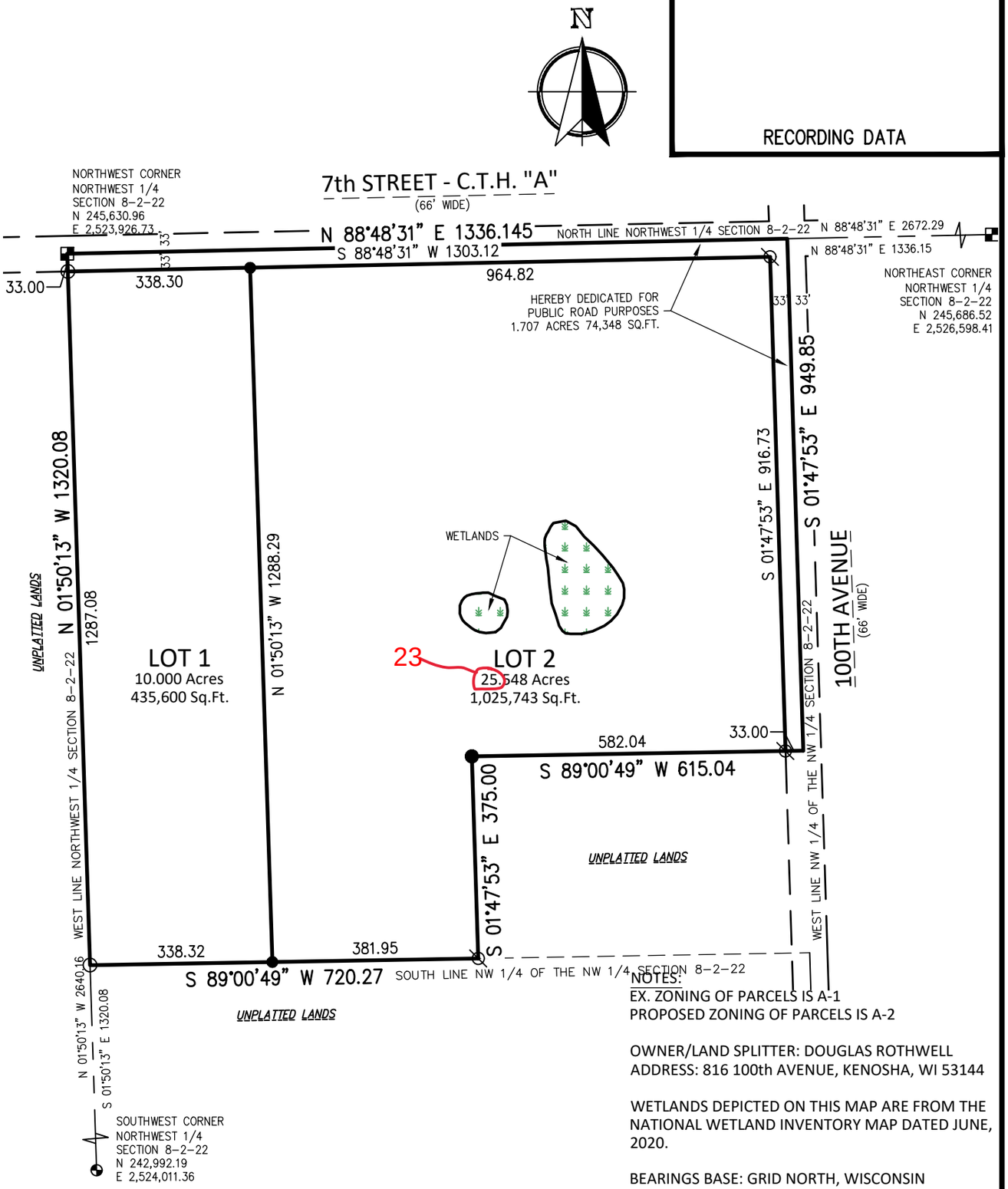
Enc: Certified Survey Map

cc: Clerk, Village of Somers

CERTIFIED SURVEY MAP NO. _____

PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 8, TOWNSHIP 2 NORTH, RANGE 22 EAST OF THE FOURTH PRINCIPAL MERIDIAN, IN THE VILLAGE OF SOMERS, COUNTY OF KENOSHA, STATE OF WISCONSIN.

RECORDING DATA



250' 0' 250'

SCALE 1"=250'

SEE PAGE 2 FOR LOCATION MAP

NOTES:

EX. ZONING OF PARCELS IS A-1
PROPOSED ZONING OF PARCELS IS A-2

OWNER/LAND SPLITTER: DOUGLAS ROTHWELL
ADDRESS: 816 100th AVENUE, KENOSHA, WI 53144

WETLANDS DEPICTED ON THIS MAP ARE FROM THE NATIONAL WETLAND INVENTORY MAP DATED JUNE, 2020.

BEARINGS BASE: GRID NORTH, WISCONSIN COORDINATE SYSTEM, SOUTH ZONE. BASED UPON NAD 1983 / 2011. THE NORTH LINE OF THE NW 1/4 OF SECTION 8-2-22 IS ASSUMED TO BEAR N 88°48'31" E.

LEGEND:

- ⊘ 1" O.D. IRON PIPE FOUND
- ○ 1-1/4" O.D. IRON PIPE FOUND
- ● 3/4" O.D. x 18" REBAR - 1.51 LBS/LIN FT. SET
- ◔ 6" CONC. MON. W / BRASS CAP FOUND
- ◪ 6" CONC. MON. W / SEWRPC BRASS CAP FOUND

Nielsen Madsen + Barber
CIVIL ENGINEERS AND LAND SURVEYORS
1458 Horizon Blvd. Suite 200, Racine, WI. 53406
Tele: (262)634-5588 Website: www.nmbsc.net

This Instrument was drafted by Mark R. Madsen February 21, 2023

2022.0072.01.DWG
SHEET 1 OF 3 SHEETS

CERTIFIED SURVEY MAP NO. _____

PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 8, TOWNSHIP 2 NORTH, RANGE 22 EAST OF THE FOURTH PRINCIPAL MERIDIAN, IN THE VILLAGE OF SOMERS, COUNTY OF KENOSHA, STATE OF WISCONSIN.

SURVEYOR'S CERTIFICATE

1/4-1/4

I, Mark R. Madsen, hereby certify: That I have prepared this Certified Survey Map at the direction of the owner; THAT such Map is a correct representation of the exterior boundaries of the land surveyed and are described as: That part of the Northwest 1/4 of Section 8, Township 2 North, Range 22 East of the Fourth Principal Meridian, being more particularly bounded and described as follows: Beginning at the Northwest corner of said Northwest 1/4 of Section 8, run thence N88°48'31"E, 1336.145 feet along the North line of said Northwest 1/4 of Section 8 to the Northeast corner of the Northwest 1/4 of said Northwest 1/4 of Section 8; thence S01°47'53"E, 949.85 feet along the East line of said Northwest 1/4 of the Northwest 1/4 of Section 8; thence S89°00'49"W, 615.04 feet; thence S01°47'53"E, 375.00 feet to the South line of said Northwest 1/4 of the Northwest 1/4 of Section 8; thence S89°00'49"W, 720.27 feet along said South line of the Northwest 1/4 of the Northwest 1/4 of Section 8 to the West line of the Northwest 1/4 of Section 8; thence N01°50'13"W, 1320.08 feet along said West line of the Northwest 1/4 of Section 8 to the Northwest corner of the Northwest 1/4 of Section 8 and the point of beginning of this description. Said land being in the Village of Somers, County of Kenosha, State of Wisconsin. Subject to the rights of the public in and to the Northerly and Easterly 33.00 feet for public roadway purposes. Containing 1,535,689 square feet or 35.225 acres (1,461,341 square feet or 33.548 acres when excluding the Northerly and Easterly 33.00 feet). 35.255

THAT I have fully complied with the provisions of Section 236.34 of the Wisconsin Statutes and the Code of General Ordinances for the Village of Somers. THAT such map is a true representation of all exterior boundaries of the land surveyed and the land division thereof made;

February 21, 2023

_____

Mark R. Madsen, P.E., P.L.S. (S-2271)
Nielsen Madsen & Barber, S.C.
1458 Horizon Blvd. Suite 200
Racine, WI 53406
(262)634-5588

OWNERS' CERTIFICATE

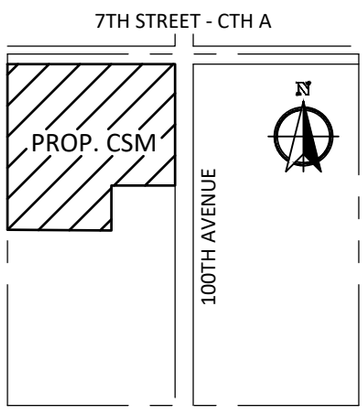
I, Douglas Rothwell as Owner hereby certify that I have caused the lands described on this map to be surveyed, divided, mapped and dedicated as represented on this Certified Survey Map. I also do further certify that this Certified Survey Map is required to be submitted to the the following for approval ~~or objection~~: Village Board of the Village of Somers.

IN WITNESS WHEREOF the said _____has caused these presents to be signed by _____as Owners at _____ Wisconsin on this _____ day of _____ 2023.

_____

Douglas Rothwell
816 100th Avenue
Kenosha, WI 53144

LOCATION MAP



NW 1/4 SECTION 8-2-22

Nielsen Madsen + Barber
CIVIL ENGINEERS AND LAND SURVEYORS
1458 Horizon Blvd. Suite 200, Racine, WI. 53406
Tele: (262)634-5588 Website: www.nmbsc.net

This Instrument was drafted by Mark R. Madsen February 21, 2023

2022.0072.01.DWG
SHEET 2 OF 3 SHEETS

CERTIFIED SURVEY MAP NO. _____

PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 8, TOWNSHIP 2 NORTH, RANGE 22 EAST OF THE FOURTH PRINCIPAL MERIDIAN, IN THE VILLAGE OF SOMERS, COUNTY OF KENOSHA, STATE OF WISCONSIN.

STATE OF WISCONSIN)
COUNTY OF_____)

Personally came before me this _____ day of _____, 2023, Douglas Rothwell, to me known to be the person who executed the foregoing instrument, and acknowledged that they executed the foregoing.

Notary Public, _____
My commission expires: _____

PLAN COMMISSION APPROVAL
APPROVED as a Certified Survey Map this _____ day of _____, 2023.

_____ _____, Date: _____
George Stoner, President

_____ _____, Date: _____
Secretary

VILLAGE BOARD APPROVAL
APPROVED as a Certified Survey Map this _____ day of _____, 2023.

_____ _____, Date: _____
George Stoner, President

_____ _____, Date: _____
Brandi Baker, Village Clerk-Treasurer

Nielsen Madsen + Barber
CIVIL ENGINEERS AND LAND SURVEYORS
1458 Horizon Blvd. Suite 200, Racine, WI. 53406
Tele: (262)634-5588 Website: www.nmbsc.net

This Instrument was drafted by Mark R. Madsen February 21, 2023

2022.0072.01.DWG
SHEET 3 OF 3 SHEETS

COUNTY OF KENOSHA

Division of Planning & Development

Andy M. Buehler, Director
Division of Planning & Development
19600 75th Street, Suite 185-3
Bristol, WI 53104-9772
(262) 857-1895

TO: **Village of Somers Plan Commission**
FROM: **Luke Godshall, Senior Land Use Planner**
RPT DATE: **04-28-23**
MTG DATE: **05-08-23**
APPLN DATE: **03-24-23**
RE: **Mastercraft CSM & Rezoning**

PROJECT/SITE INFO:

1. Petitioner/Agent: Nancy Washburn, Land Development Administration, LLC
2. Property Owner: Mastercraft Builders LLC
3. Location/Address: 9027 12th St.
4. Tax key Number(s): 82-4-222-171-0040
5. Area: 23.2 acres
6. Existing Zoning: A-2 General Agricultural Dist.
7. Proposed Zoning: R-4 Urban Single-Family Residential Dist., A-2 General Agricultural Dist.
8. Existing Land Use: 'Medium-Density Residential', 'Nonfarmed Wetland', 'Other Conservancy Land to be Preserved'
9. Proposed Land Use: 'Medium-Density Residential', 'Nonfarmed Wetland', 'Other Conservancy Land to be Preserved'

PROJECT OVERVIEW:
The Petitioner is proposing to split the subject parcel into two (2) 0.386-acre (16,800 sq. ft.) Lots and one (1) 23.33-acre remnant Lot via Certified Survey Map. The two 16,800 sq. ft. Lots are proposed to be rezoned R-4 Urban Single-Family Residential Dist. while the large remnant will remain zoned A-2 General Agricultural Dist.

PLANNER COMMENTS:
The subject parcel was previously contemplated as the site of a 44-Lot single-family subdivision plat known as "Bella Terra". While that project is no longer being proposed at this time, the 23.33-acre Lot 3 of the proposed CSM could be developed in the future as a single-family subdivision as the adopted land use plan calls for 'Medium-Density Residential'.

The two proposed Lots along CTH E/12th Street are shown to be accessed via a 30-foot wide shared access easement split equally along the shared lot line. Approval from Kenosha County Highways has been granted to the Petitioner for this driveway access location. It is staff's understanding that the Petitioner intends to record a separate driveway easement document. If so, it is recommended that a space be provided for on the face of the CSM to refer to the separate easement document (e.g. "*Please see Kenosha County Register of Deeds Document #_____ for recorded shared access driveway easement*").

The submitted Certified Survey Map generally complies with the Village of Somers Land Division and Platting Control Ordinance. Noted below are a couple recommendations for revisions to be made to the CSM prior to its recordation in the Kenosha County Register of Deeds office.

Andy M. Buehler, Director
Division of Planning & Development
19600 75th Street, Suite 185-3
Bristol, WI 53104-9772
(262) 857-1895

STAFF RECOMMENDATION:
Should the Plan Commission choose to recommend approval of this project, staff would recommend the following conditions:

1. The Certified Survey Map shall be subject to the following:

   a. Subject to making the following revisions to the CSM:

      1. On Sheet 1 of 4, revise the note "17' to be dedicated for highway purposes" to read "17' Dedicated for Public Road Purposes".
      2. Add note stating there shall be no filling, excavation or building within wetland areas.
      3. Add a note referring to separately recorded driveway easement document.
      4. On Sheet 4 of 4, revise the name and title of the Village Clerk to read "Brandi Baker, Village Clerk/Treasurer".

   b. Subject to sending an electronic copy of the revised CSM showing the aforementioned changes to the Kenosha County Department of Planning and Development office to receive sign-off prior to the surveyor preparing the recordable CSM document for signatures. The county contact is Luke Godshall who can be contacted at the following e-mail address: luke.godshall@kenoshacounty.org.

   c. No land division shall be recorded if any portion or part of the parent parcel has any unpaid taxes or outstanding special assessments without prior approval of the local and Kenosha County Treasurer.

   d. Subject to the Certified Survey Map (CSM) being recorded with the Kenosha County Register of Deeds within twelve (12) months of receiving approval from the Somers Village Board.

Nancy Washburn – LDA
nancylynnwashburn@gmail.com
262-818-1836

March 24, 2023

RECEIVED
MAR 24 2023
Kenosha County
Planning and Development

Mr. Luke Godshall
Senior Land Use Planner
Kenosha County Public Works & Development Services
Division of Planning & Development
19600 75th Street, Suite 185-3
Bristol, WI 53104

Dear Luke:

Am pleased on behalf of Mastercraft Builders, LLC of Kenosha to submit to the Town/Village of Somers and Kenosha County Land Planning, the Certified Survey Map and Zoning Request for their land known as 9027 12th Street, Kenosha, WI.

The portion being rezoned is 33,600 square feet in order to create 2 single family residential lots of 16,800 each. The zoning application includes an exhibit for the proposed zoning to R-4 Urban Single Family Residential District which is consistent with the Kenosha County Land Use Plan.

The Certified Survey Map to create the parcels is also enclosed in this submittal. Lots 1 and 2 of the Certified Survey Map are being rezoned. Lot 3 represents the remainder of the parcel and is the area that Mastercraft introduced last year as Bella Terra Subdivision. That remaining site is not able to be developed at this time due to the lack of municipal water to the site.

The site will be serviced by sanitary sewer which is available in 12th Street and well water.

In addition the CSM show a shared driveway for Lot 1 and 2. That requirement was requested by the County Highway Department in their previous review. Attached for your review and comment is a draft of the Shared Driveway Agreement between those 2 lots.

We look forward to presenting this to the Plan Commission and look forward to any comments received ahead of that meeting.

Respectfully Submitted,

Nancy Washburn

Nancy Washburn
Principal
Land Development Administration, LLC
Agent for Mastercraft Builders, LLC

Cc: Jim Duerrwaechter, Mastercraft Builders, LLC
Randy Bruckner, CJ Engineering
Jason Peters – Administrator, Village/Town of Somers

Sept. 2021

VILLAGE OF SOMERS
Department of Planning and Development

RECEIVED
MAR 24 2023
Kenosha County
Planning and Development

REZONING APPLICATION

(a) Property Owner's Name: Mastercraft Builders, LLC

Print Name: Jim Duerrwaechter Signature:

Mailing Address: 5008 Green Bay Road

City: Kenosha State: WI Zip: 53144

Phone Number: 262-654-1220 E-mail (optional): jduerrwaechter@mchomebuilders,LLC.com

Note: Unless the property owner's signature can be obtained in the above space, a letter of agent status **signed** by the legal property owner **must** be submitted if you are a tenant, leaseholder, or authorized agent representing the legal owner, allowing you to act on their behalf.

(b) Agent's Name (if applicable):

Print Name: Nancy Washburn Signature: Nancy Washburn

Business Name: Land Development Administration, LLC

Mailing Address: 7450 county Line road

City: Racine State: WI Zip: 53403

Phone Number: 262-818-1836 E-mail (optional): nancylynnwashburn@gmail.com

(c) Tax key number(s) of property to be rezoned:

82-4-222-171-0040

Property Address of property to be rezoned:

9027 12th Street, Kenosha, WI

(d) Proposed use (a statement of the type, extent, area, etc. of any development project):

Mastercraft is proposing to rezone approximately 33,600 sq ft of the parent parcel to R-4 for the purpose of building 2 single family homes. We have submitted along with zoning request a Certified Survey Map that will create the 2 separate parcels.

(e) Check the box next to any and all of the **existing** zoning district classifications present on the subject property:

☐ A-1 Agricultural Preservation District	☐ B-1 Neighborhood Business District
☑ A-2 General Agricultural District	☐ B-2 Community Business District
☐ A-3 Agricultural Related Manufacturing, Warehousing and Marketing District	☐ B-3 Highway Business District
☐ A-4 Agricultural Land Holding District	☐ B-4 Planned Business District
☐ AE-1 Agricultural Equestrian Cluster Single-Family District	☐ B-5 Wholesale Trade and Warehousing District
☐ R-1 Rural Residential District	☐ BP-1 Business Park District
☐ R-2 Suburban Single-Family Residential District	☐ B-94 Interstate Highway 94 Special Use Business District
☐ R-3 Urban Single-Family Residential District	☐ M-1 Limited Manufacturing District
☐ R-4 Urban Single-Family Residential District	☐ M-2 Heavy Manufacturing District
☐ R-4.5 Urban Single-Family Residential District	☐ M-3 Mineral Extraction District
☐ R-5 Urban Single-Family Residential District	☐ M-4 Sanitary Landfill and Hazardous Waste Disposal District
☐ R-6 Urban Single-Family Residential District	☐ I-1 Institutional District
☐ R-7 Suburban Two-Family and Three-Family Residential District	☐ PR-1 Park-Recreational District
☐ R-8 Urban Two-Family Residential District	☐ C-1 Lowland Resource Conservancy District
☐ R-9 Multiple-Family Residential District	☐ C-2 Upland Resource Conservancy District
☐ R-10 Multiple-Family Residential District	☐ FPO Floodplain Overlay District
☐ R-11 Multiple-Family Residential District	☐ PUD Planned Unit Development Overlay District
☐ R-12 Mobile Home/Manufactured Home Park-Subdivision District	☐ AO Airport Overlay District
	☐ RC Rural Cluster Development Overlay District

(f) Check the box next to any and all of the **proposed** zoning district classifications proposed for the subject property:

☐ A-1 Agricultural Preservation District	☐ B-1 Neighborhood Business District
☐ A-2 General Agricultural District	☐ B-2 Community Business District
☐ A-3 Agricultural Related Manufacturing, Warehousing and Marketing District	☐ B-3 Highway Business District
☐ A-4 Agricultural Land Holding District	☐ B-4 Planned Business District
☐ AE-1 Agricultural Equestrian Cluster Single-Family District	☐ B-5 Wholesale Trade and Warehousing District
☐ R-1 Rural Residential District	☐ BP-1 Business Park District
☐ R-2 Suburban Single-Family Residential District	☐ B-94 Interstate Highway 94 Special Use Business District
☐ R-3 Urban Single-Family Residential District	☐ M-1 Limited Manufacturing District
☑ R-4 Urban Single-Family Residential District	☐ M-2 Heavy Manufacturing District
☐ R-4.5 Urban Single-Family Residential District	☐ M-3 Mineral Extraction District
☐ R-5 Urban Single-Family Residential District	☐ M-4 Sanitary Landfill and Hazardous Waste Disposal District
☐ R-6 Urban Single-Family Residential District	☐ I-1 Institutional District
☐ R-7 Suburban Two-Family and Three-Family Residential District	☐ PR-1 Park-Recreational District
☐ R-8 Urban Two-Family Residential District	☐ C-1 Lowland Resource Conservancy District
☐ R-9 Multiple-Family Residential District	☐ C-2 Upland Resource Conservancy District
☐ R-10 Multiple-Family Residential District	☐ FPO Floodplain Overlay District
☐ R-11 Multiple-Family Residential District	☐ PUD Planned Unit Development Overlay District
☐ R-12 Mobile Home/Manufactured Home Park-Subdivision District	☐ AO Airport Overlay District
	RC Rural Cluster Development Overlay District

(g) Your request must be consistent with the existing planned land use category as shown on Map 65 of the adopted "Multi-Jurisdictional Comprehensive Plan for Kenosha County: 2035".

The existing planned land use category for the subject property is:

☐	Farmland Protection	☐	Governmental and Institutional
☐	General Agricultural and Open Land	☐	Park and Recreational
☐	Rural-Density Residential	☐	Street and Highway Right-of-Way
☐	Agricultural and Rural Density Residential	☐	Other Transportation, Communication, and Utility
☐	Suburban-Density Residential	☐	Extractive
☑	Medium-Density Residential	☐	Landfill
☐	High-Density Residential	☐	Primary Environmental Corridor
☐	Mixed Use	☐	Secondary Environmental Corridor
☐	Commercial	☐	Isolated Natural Resource Area
☐	Office/Professional Services	☐	Other Conservancy Land to be Preserved
☐	Industrial	☐	Nonfarmed Wetland
☐	Business/Industrial Park	☐	Surface Water

(h) Attach a plot plan or survey plat of property to be rezoned (showing location, dimensions, zoning of adjacent properties, existing uses and buildings of adjacent properties, floodways and floodplains)—drawn to scale.

(i) The Village of Somers Department of Planning and Development may ask for additional information.

(j) The name of the County Supervisor of the district wherein the property is located (District Map):

Supervisory District Number: 19 County Board Supervisor: Brian Bashaw

(k) The fee specified in Section 12.05-8 of this ordinance.

Request for Rezoning Petition (payable to "Kenosha County").....$1,450.00

(For other fees see the Fee Schedule)

Note: Agricultural Use Conversion Charge

The use value assessment system values agricultural land based on the income that would be generated from its rental for agricultural use rather than its fair market value. When a person converts agricultural land to a non-agricultural use (e.g. residential or commercial development), that person may owe a conversion charge. To obtain more information about the use value law or conversion charge, contact the Wisconsin Department of Revenue's Equalization Section at 608-266-2149 or visit http://www.revenue.wi.gov/faqs/slf/useassmt.html.

Note that the act of rezoning property from an agricultural zoning district to a non-agricultural zoning district does not necessarily trigger the agricultural use conversion charge. It is when the use of the property changes from agricultural that the conversion charge is assessed.

VILLAGE OF SOMERS
Department of Planning & Development

VILLAGE OF SOMERS REZONING PROCEDURES

☐ **1.** Contact the Kenosha County Department of Planning & Development and check with staff to determine if your proposed zoning change meets the requirements of the Multi-Jurisdictional Comprehensive Plan for Kenosha County: 2035, Village of Somers General Zoning and Shoreland/Floodplain Zoning Ordinance and the Village of Somers Land Division and Platting Control Ordinance. Note: If the proposed rezoning is part of a proposed land division see the Certified Survey Map Information and Procedures.

☐ **2.** Contact the Kenosha County Department of Planning & Development and schedule a pre-conference meeting, which is required for all rezoning requests.

Meeting Date: March 2nd, 2023

☐ **3.** Contact the Village of Somers to determine if your rezoning petition requires concept review by the Village Plan Commission. If so, contact the Village of Somers clerk to schedule a concept meeting with the Village Plan Commission.

Meeting Date: Not needed

☐ **4.** Complete and submit to the Kenosha County Department of Planning & Development the Village of Somers Rezoning Application by the filing deadline.

Filing Deadline: March 24th, 2023

☐ **5.** Upon submission you will be given two copies of the date-stamped application. Submit 10 copies of the date-stamped application to the Village of Somers clerk for placement on the agendas of the Village of Somers Plan Commission and the Village of Somers Board and keep one for your records.

☐ **7.** Attend the Village Plan Commission and the Village Board meetings. **NOTE:** You must attend or the Village will not be able to act on your request. At these meetings you will be asked to brief the committee on your request.

Village Plan Commission meeting date (tentative): May 8th, 2023

Village Board meeting date (tentative): Work Session: May 16th, VB May 23rd, 2023

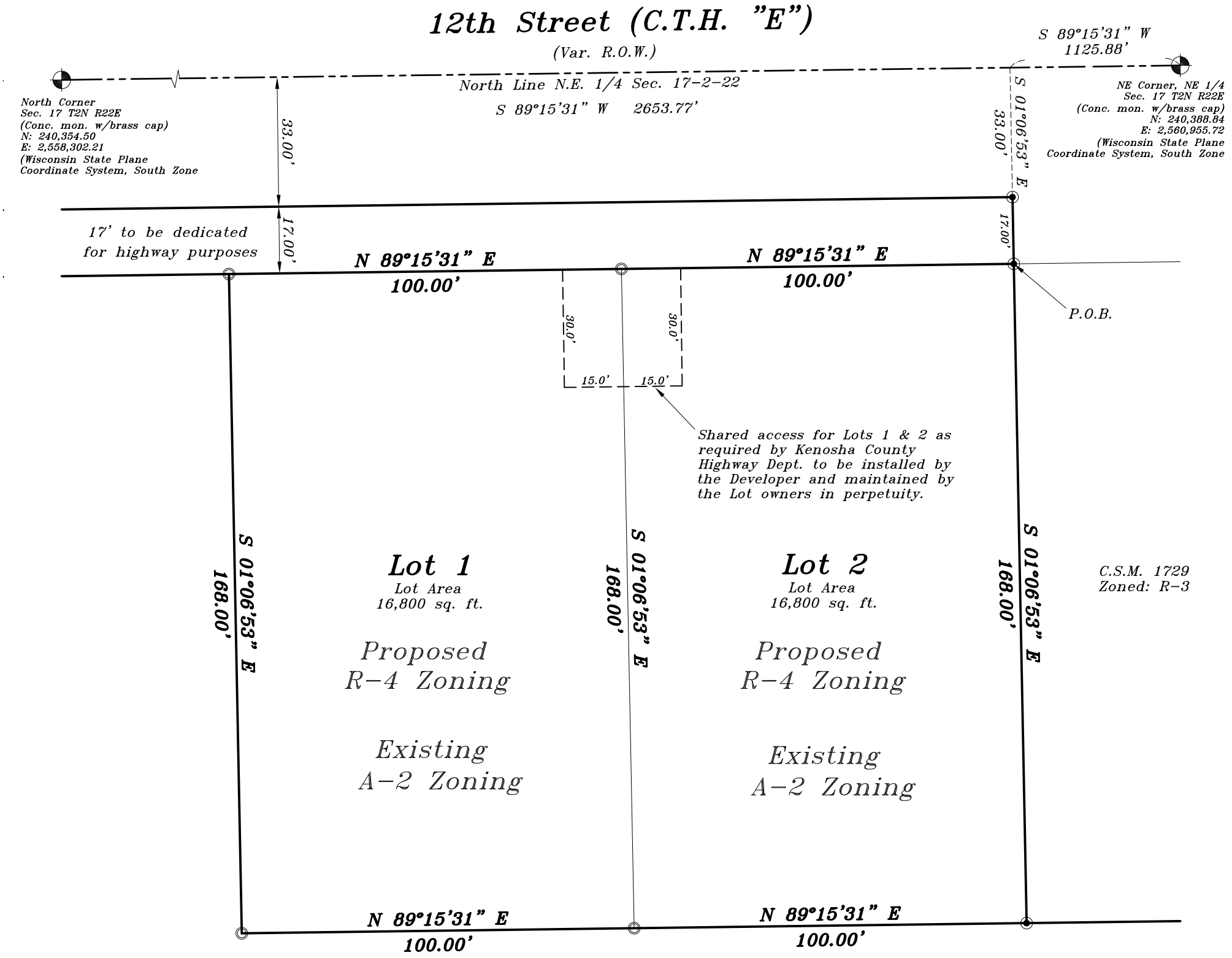
☐ **8.** Village clerk will provide written notice of final action to property owner/applicant.

Re-Zoning Exhibit

LOCATION: 9027 12th Street, Somers, Wisconsin

LEGAL: Commencing at the Northeast corner of Northeast 1/4, Section 17, Township 2 North, Range 22 East; thence S 89°15'31" W along the North line of said Northeast 1/4, 1125.88 feet; thence S 01°06'53" E, 50.00 feet to the south right-of-way line of 12th Street and the point of beginning of the lands to be described; thence continuing S 01°06'53" E 168.00'; thence S 89°15'31" W, 200.00 feet; thence N 01°06'53" W, 168.00 feet; thence N 89°15'31" E along said south right-of-way line, 200.00' to the point of beginning.

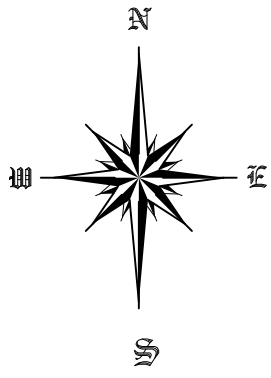
March 17, 2023



Lot 3

Lot Area
1,016,076 sq. ft.

Existing
A-2 Zoning



GRAPHIC SCALE

0 15 30 60

(IN FEET)
1 inch = 30 ft.

METROPOLITAN SURVEY SERVICE, INC.

PROFESSIONAL LAND SURVEYORS
9415 West Forest Home Avenue, Suite 202
Hales Corners, Wisconsin 53130
PH. (414) 529-5380
survey@metropolitansurvey.com
www.metropolitansurvey.com

◉ — *Denotes Iron Pipe Found*
◎ — *Denotes Iron Pipe Set*

SHARED DRIVEWAY AGREEMENT

DECLARATION OF EASEMENT
FOR DRIVEWAY

DECLARATION (this "Declaration," made this ____ day of , 2023, by Mastercraft Builders, Inc. (hereinafter referred to as "Declarant").

W I T N E S S E T H:

WHEREAS, Declarant is the owner of certain premises (the "Easement Area") shown on the attached Certified Survey Map recorded as CSM No. _____ which Easement Area comprises parts of Lots 1 and 2 as shown on the aforementioned CSM (when specifically referred to, lots 1 and 2 shall be referred to by their lot number and when referred to collectively all of said lots shall hereinafter be referred to as the "Burdened Lots"); and

WHEREAS, Declarant does not desire to have Lots 1 and 2 as shown on the aforementioned map (the "Easement Properties") serviced by separate driveways, but rather to establish a mutual easement arrangement which will service the Easement Properties and which will provide ingress and egress to and from 18th Street, (County Trunk Highway E) and provide a location for the installation of utilities to service the Easement Properties or any of the aforementioned lots individually; and

WHEREAS, Declarant desires to establish this Declaration of Easement to create an easement on, over, under and through the Easement Area for the benefit of the Easement Properties; and

WHEREAS, Declarant further desires to impose certain covenants and restrictions upon the use, operation and maintenance of the Easement Area;

WHEREAS, the Burdened Lots are specifically made part of this Agreement, and the owners of the Burdened Lots shall receive the benefits and be subject to the burdens contained herein; and

WHEREAS, the Easement Properties have been approved by the Village/Town of Somers Village Board and Kenosha County as part of a Certified Survey Map, pursuant to the Village/Town of Somers and Kenosha County Subdivision Regulations.

NOW, THEREFORE, Declarant hereby submits the Easement Area to the terms, covenants, restrictions and easements set forth herein for the benefit of the Easement Properties as follows:

I. GRANT OF EASEMENT.

Declarant hereby grants and declares, to the extent described herein, for the benefit of the Easement Properties, an easement and right of way over and upon the Easement Area, which easement shall be appurtenant to and for the benefit of the Easement Properties and may be used by the owners of the Easement Properties, their heirs, successors, assigns, licensees and guests.

II. USE OF EASEMENT AREA.

The Easement Area shall be used for the purposes of ingress and egress to and from 12th Street (County Trunk Highway E) by vehicular and pedestrian traffic and for the installation, maintenance, repair, and replacement of utility lines (including lines for storm water discharge, electric, cable, telephone, sewer, water and other

residential utilities) together with any appurtenances related thereto (hereinafter referred to as "Utilities") in order to furnish utility services to the Easement Properties.

The owners of the Easement Properties (hereinafter collectively referred to as "Owners" and individually referred to as "Owner") shall have the right in common with the other Owners to enter on, over, under and through the Easement Area for the purpose of construction, installation, maintenance, repair and replacement of the driveway and of Utilities, provided however, that any Owner/Owners who shall do any work or have any work done affecting the Easement Area upon completion of the work shall repair that portion of the Easement Area to the condition that existed prior to such Owner's entry (except for any work done pursuant to the rights created herein) and shall at all times keep so much of the Easement Area open so that vehicular and pedestrian traffic shall have access from 18th Street (County Trunk Highway E) to the Easement Properties.

III. ACT EXPEDITIOUSLY.

When utilizing the Easement Area the Owners shall do so as expeditiously as possible and in such manner as will cause the least possible disturbance to the other Owners.

IV. OWNERS OF BURDENED LOTS MAY CONTINUE TO USE EASEMENT AREA BUT MAY NOT INTERFERE.

The Owners of the Burdened Lots may continue to use the Easement Area in any way that will not prevent the use of the Easement Area by any owner for the purposes described herein. The Owners of the Burdened Lots shall not erect or allow any structures to be erected on the Easement Area, nor shall they plant or allow to be planted or grown any large trees or any other obstructions which would prevent the use of the Easement Area by the owners. Nothing contained in this paragraph shall diminish the rights and obligations of the owners of the Burdened Lots which are established in this Declaration.

V. MAINTENANCE AND REPAIR OF EASEMENT AREA.

The Owners shall maintain the Easement Area in its present condition or in the condition to which it is improved from time to time, free and clear of obstruction, shall repair the same as necessary, shall keep the same reasonably free and clear of ice and snow, and shall keep the Easement Area insured with respect to liability. The cost of all necessary repairs, maintenance, snow and ice removal, clearing of the driveway, and insurance thereon shall be paid equally by the Owners. Each owner shall be responsible for a proportional share of such cost computed by dividing one by the number of lots served by the driveway over the Easement Area (a "Required Share"). Notwithstanding the foregoing, no owner shall be responsible for any expenses hereunder until a Building Permit has been obtained from the Village/Town of Somers to construct a building upon his lot. Therefore, when computing an Owner's Required Share hereunder, the lots for which no Building Permit has been issued shall not be included in the number of lots served by the driveway over the Easement Area.

The cost of maintenance, repair and replacement of Utilities within the Easement Area shall be borne by the specific Owner/Owners whose individual lot/lots is/are benefitted by such Utilities and if more than one Owner is benefitted, then such cost shall be borne on an equal basis. Once Utilities are installed in the Easement Area, then any of the Owners shall have the right to "tie in" to the Utilities, provided that they shall do so in a good and proper manner without damage to the Utilities. (The cost of the original installation of Utilities shall be paid by the Owner desiring said installation.) The obligations created in this paragraph deal with maintenance, repair and replacement.

The construction material utilized in the driveway shall not be changed unless a majority of the Owners agree to install a different surface, provided no such change shall be permitted that would violate

any land use permit issued by the Town of New Hartford and any such change shall conform to the requirements of any governmental authority.

The rest of this paragraph notwithstanding, any Owner who shall, through negligence or willful action, cause any damage which must be repaired hereunder, shall be responsible for the cost incurred to provide the repairs, maintenance and replacement necessitated by the negligence or willful action of that Owner, provided, however, that the Declarant and all subsequent Owners mutually waive their respective rights of recovery against each other for any loss insured by fire, extended coverage and other property insurance policies existing for the benefit of the respective parties.

The cost for repairing, replacing, maintaining or improving the Easement Area, pursuant to this Agreement, shall be shared as set forth above. Except as herein provided, no costs of any kind shall be charged to any Owner, unless that Owner has agreed in writing to pay said costs. In the event that the Owner of any lot shall decide that expenditures shall be incurred for repair and replacing, maintaining or improving the Easement Area, then said Owner shall send written notice to the other Owners which shall request that the other Owners agree to pay their Required Share of the cost of such repair, replacement, maintenance or improvement. In the event that the other Owners agree to pay their Required Shares in writing, then the cost shall be shared accordingly. In the event that one or more of the other Owners do not agree in writing to pay their Required Share, then the Owner proposing said activity and any Owners who agree to pay their Required Share may undertake said activity solely at their own cost and expense. In that event, after the work is completed, the Owner/Owners performing the work may institute legal action against the other Owners who did not contribute to the cost of such activity. In the event that a court should issue a final, non-appealable ruling that the work was necessary to maintain the Easement Area to the standard required hereunder, and if the work was done to the quality required, then the Owners who should have shared said cost shall be responsible for their Required Shares of the cost, and the Owner/Owners who performed the work shall be entitled to be reimbursed by the other Owners not only for their Required Share, but also for the expenses incurred in said collection including a reasonable attorney's fee, if a court action is instituted. All repairs, replacement, maintenance or improvements made to the Easement Area shall be made to a quality suitable to accomplish the purposes for which the Easement Area has been created.

VI. PERMANENT EASEMENT.

The easement created herein shall be a permanent easement, and shall bind the Declarant, all subsequent Owners, their heirs, successors and assigns.

VII. INTEREST DUE WITH REGARD TO UNPAID OBLIGATIONS.

In the event of a failure by any Owner to pay his Required Share of any costs or expenses incurred hereunder, such costs and expenses shall, commencing thirty (30) days after the date of billing therefor, bear interest at the rate of twelve (12%) percent per annum until paid.

VIII. GRANT AND RESERVATION.

Declarant hereby reserves the right to grant rights of access over the Easement Area to any utility company required by the Town/Village of Somers for the purposes herein contained. The Owners will sign any documents required by the aforementioned utility companies or the Village/Town of Somers to carry out the intent of this paragraph which is to provide utility service to the Easement Properties.

IX. WAIVER OF TOWN OBLIGATION TO MAINTAIN

Pursuant to the requirements of the Village/Town of Somers Subdivision Regulations, the Owners of the lots comprising the Easement Properties acknowledge and agree that the Village/Town of Somers or Kenosha County shall never be required to plow, maintain, or assume ownership within the Easement Area. The Easement Area is a private improvement, and owners of the Easement Properties agree that they will take no action which seeks to impose any duty or obligation upon the Village/Town of Somers or Kenosha County, or any agency, employee, contractor, or agent thereof, with respect to the Easement Area.

X COVENANTS, AGREEMENTS AND RESTRICTIONS.

The covenants, agreements and restrictions set forth herein shall be effective as of the date hereof and shall continue in full force and effect until written agreement of all of the Owners of the lots comprising the Easement Properties and all parties holding mortgages secured by any lots comprising the Easement Properties, and the Village/Town of Somers and Kenosha County shall modify this Declaration of Easement, which modification shall be effective when recorded in the Kenosha County Register of Deeds. The covenants, agreements and restrictions herein may not be terminated nor may any limit be imposed on the annual expenses to be paid by any owner.

XI. SUBSEQUENT MODIFICATIONS.

All modifications to this Agreement shall be in writing and signed by the Owners of all properties benefitted or burdened by the easement rights created herein. However, in the event that Declarant shall request that minor modifications be made to this Agreement, or to the rights created hereunder, which shall not substantially interfere with any of the rights or obligations created hereunder, then the Owners of said properties will sign a modification prepared by Declarant in order to accomplish said minor modifications.

XII. MISCELLANEOUS.

A. The covenants, agreements and restrictions contained herein shall be covenants running with and for the benefit of and burden upon the Easement Properties and shall be binding upon and inure to the benefit of the Owners thereof, and their respective heirs, successors and assigns. The rights granted herein shall be considered to create permanent easements.

B. In the event that the Owners desire to jointly make any decisions hereunder, they shall be made by majority vote of the Owners of the lots comprising the Easement Properties.

C. Each of the lots comprising the Easement Properties shall be treated as if it has one Owner. If any of said lots are owned by more than one person, then all of said persons must unanimously agree on any decision to which they are entitled to vote hereunder. Therefore, if all of said persons cannot unanimously agree, then the Owner of said lot shall have no vote.

D. All communications sent pursuant to this Declaration shall be sent in writing and sent by certified mail to the last known address of the recipient.

XIII. RESTORATION.

At any time that any Owner shall exercise any rights hereunder, then, when said activity is completed, the Easement Area shall be restored to the condition it was in immediately prior to said activity, except to the extent permitted hereunder.

IN WITNESS WHEREOF, the designated Declarant has hereunto caused its hand to be set as of the day and year and acknowledge that they executed the foregoing instrument as such officer of said Corporation.

By: _____

STATE OF WISCONSIN)
)ss
COUNTY O F K E N O S H A)

Personally came before me this _____ day of _____, 2023, the above named _____, to me known to be the person who executed the forgoing instrument and acknowledged the same to be his free act and deed as such Member and the free act and deed of said corporation, before me.

_____
_____Notary Public State of Wisconsin
Print Name:
_____
My Commission Expires:

This Document was drafted by:

James Duerrwaechter
5008 Green Bay Road
Kenosha, WI 53144

DRAFT

May 2015

VILLAGE OF SOMERS
Department of Planning & Development

RECEIVED

MAR 24 2023

Kenosha County
Planning and Development

LAND DIVISION APPLICATION

In order for applications to be processed, all information, drawings, application signatures, and fees required shall be submitted at time of application.

Please check the appropriate box below for the type of application being submitted:

- [x] Certified Survey Map
- [ ] Subdivision Preliminary Plat
- [ ] Subdivision Final Plat
- [ ] Condominium Plat

Applicant is: [x] Property Owner [ ] Subdivider [ ] Other _____

Applicant Name: Mastercraft Builders, LLC- James Duerrwaechter Date March 24, 2023

Mailing Address: 5008 Green Bay Road Phone # 262-654-1220

Kenosha, WI 53144 Phone # 262-945-2100

Tax Parcel Number(s): 82-4-222-171-0040

Acreage of Project: 26 Acres total CSM area

Location of Property (including legal description):

9027 12th Street, Kenosha, WI

Being a part of the Northeast 1/4 and Northwest 1/4 of the Northeast 1/4 of Section 17, Town 2 North,

range 22 East, in the Village of Somers, Kenosha County, Wisconsin.

Subdivision/Development Name (if applicable): _____

Existing Zoning: A-2 Proposed Zoning: A-2 and R-4 (lots)

Village Land Use Plan District Designation(s) (if applicable):

Present Agricultural

Proposed Medium Density Residential

Present Use(s) of Property: Farmed

Proposed Use(s) of Property: 23 Acres to remain in Ag use, 2 lots for single family residential

The subdivision abuts or adjoins a state trunk highway.....Yes ( ) No (✓)

The subdivision will be served by public sewer .....Yes (✓) No ( )

The subdivision abuts a county trunk highway .....Yes (✓) No ( )

The subdivision contains shoreland/floodplain areas .....Yes ( ) No (✓)

The subdivision lies within the extra-territorial plat (ETP) authority area of a nearby Village or City .....Yes ( ) No (✓)

*Applicant is responsible for submitting to the ETP authority any fees and documentation needed to obtain a recommendation.

REQUIRED SIGNATURE(S) FOR ALL APPLICATIONS:

Property Owner's Signature — Date: 3/24/2023

James Duerrwaechter — Date: 3/24/2023

Property Owner's Signature

REQUIRED APPLICABLE SIGNATURES:

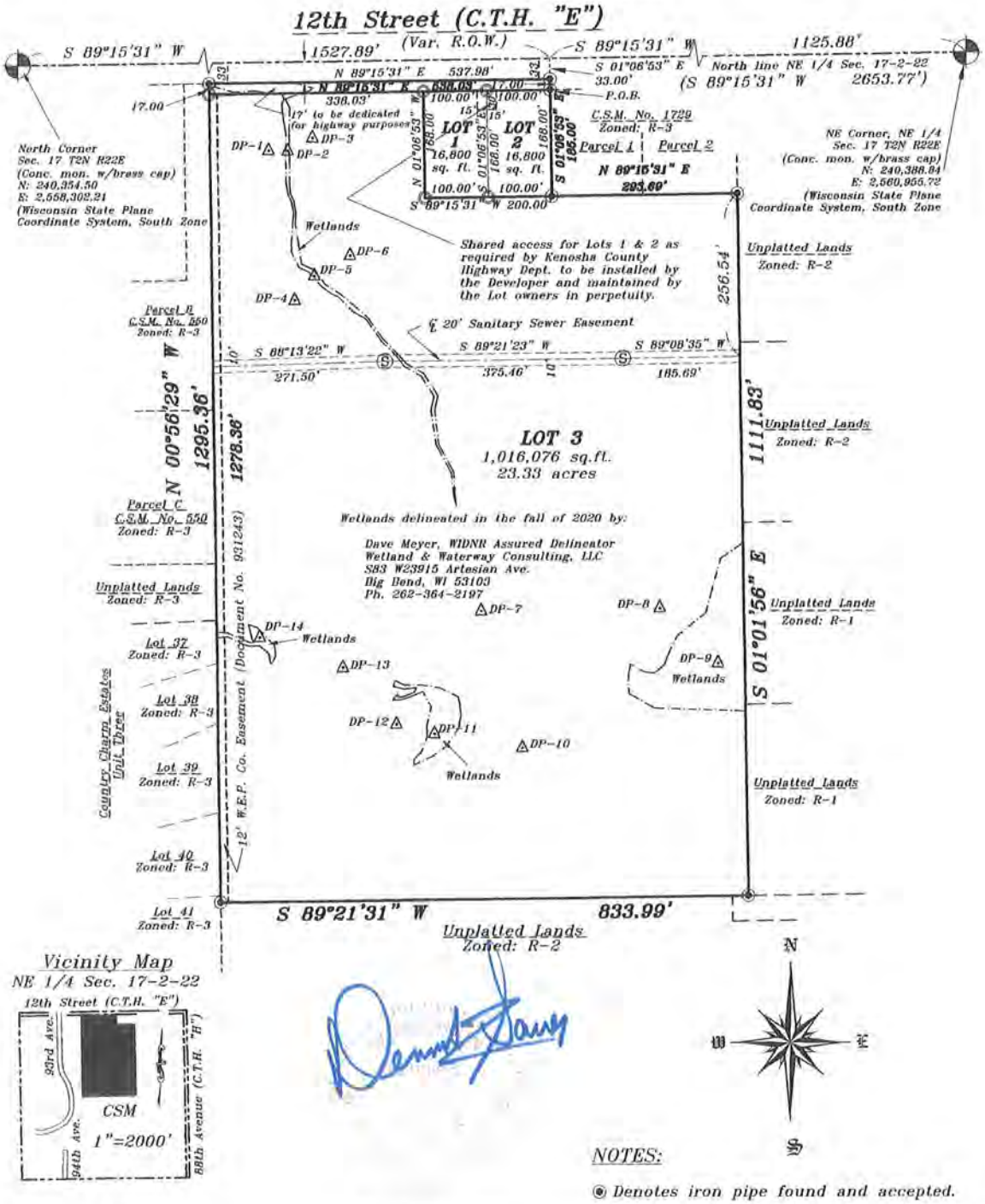
Nancy Washburn — Date: 3/24/2023

Applicant's Signature - Agent Nancy Washburn 262-818-1836

Developer's Signature — Date

CERTIFIED SURVEY MAP NO. _____

Being a part of the Northeast 1/4 and Northwest 1/4 of the Northeast 1/4 of Section 17, Township 2 North, Range 22 East, in the Village of Somers, Kenosha County, Wisconsin



Vicinity Map

NE 1/4 Sec. 17-2-22

Prepared for:
Mastercraft Builders, LLC.
5008 Green Bay Road, Suite 101
Kenosha, WI 53144

Prepared by:
Dennis C. Sauer P.L.S-2421
Metropolitan Survey Service, Inc.
8482 S. 76th St.
Franklin, WI 53132
(414) 529-5380

JFM

March 13, 2023
Rev. March 24, 2023

GRAPHIC SCALE

200 0 100 200

(IN FEET)
1 inch = 200 ft.

NOTES:

- ◉ Denotes iron pipe found and accepted.
- ○ Denoted 1" x 24" iron pipe set, weighing 1.13lbs/lin. ft. min.
- △ Soil Boring

Map bearings refer to Grid North of the Wisconsin State Plane Coordinate System, South Zone (NAD27), with the North line of the NE 1/4 of Section 17, T2N, R2E having an assumed bearing of S 89°15'31" W.

CERTIFIED SURVEY MAP NO. _____

Being a part of the Northeast 1/4 and the Northwest 1/4 of the Northeast 1/4 of Section 17, Township 2 North, Range 22 East, in the Village of Somers, Kenosha County, Wisconsin.

SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN)
KENOSHA COUNTY) SS

I, Dennis C. Sauer, Professional Land Surveyor, do hereby certify:

That I have surveyed, divided and mapped a part of the Northeast 1/4 and the Northwest 1/4 of the Northeast 1/4 of Section 17, Township 2 North, Range 22 East, in the Village of Somers, Kenosha County, Wisconsin. bounded and described as follows:

Commencing at the Northeast corner of said Northeast 1/4; thence S 89°15'31" W along the North line of said Northeast 1/4, 1125.88 feet; thence S 01°06'53" E, 33.00 feet to the south right-of-way line of 12th Street and the point of beginning of the lands to be described; thence continuing S 01°06'53" E; thence N 89°15'31" E, 293.69 feet; thence S 01°01'56" E, 1111.83 feet; thence S 89°21'31" W. 833.99 feet; thence N 00°56'29" W, 1295.36 feet to the south right-of-way line of 12th Avenue; thence N 89°15'31" E along said south right-of-way line, 538.03 feet to the point of beginning.

Said lands containing 1,049,676 square feet, or 24.10 acres more or less.

That such map is a correct representation of all the exterior boundaries of the land surveyed and the land division thereof made.

That I have made such survey, land division and map by the direction of Mastercraft Builders, LLC., owner of said land.

That I have fully complied with the requirements of Section 236.34 of the Wisconsin State Statutes and the Village of Somers Land Division and Platting Control Ordinance in surveying, dividing and mapping the land within the certified survey map.

March 13, 2023
Date

Dennis C Sauer
Professional Land Surveyor S-2421

WISCONSIN
DENNIS C SAUER S-2421 FRANKLIN, WI
LAND SURVEYOR

PREPARED FOR:
Mastercraft Builders, LLC.
5008 Green Bay Road, Suite 101
Kenosha, WI 53144

PREPARED BY:
Metropolitan Survey Service, Inc.
8482 South 76th Street
Franklin, WI 53132

CERTIFIED SURVEY MAP NO. _____

Being a part of the Northeast 1/4 and the Northwest 1/4 of the Northeast 1/4 of Section 17, Township 2 North, Range 22 East, in the Village of Somers, Kenosha County, Wisconsin.

CORPORATE OWNER'S CERTIFICATE OF DEDICATION:

Mastercraft Builders, LLC., a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, as members, do certify that the said corporation caused the land described on this map to be surveyed, divided, mapped and dedicated as represented on this map in accordance with the requirements of Chapter 236.34 of the Wisconsin State Statutes and the Village of Somers.

IN WITNESS WHEREOF, the said Mastercraft Builders, LLC, a Wisconsin Limited Liability Company, has caused these presents to be signed by and James J. Duerrwaechter, Massimo Bisceglia, David J. Wieners, Members of said Limited Liability Corporation at _____,Wisconsin, this_____day of _____20_____.

Mastercraft Builders, LLC:

_____ _____

, Member , Member

, Member

STATE OF WISCONSIN)
KENOSHA COUNTY) SS

PERSONALLY came before me this _____ day of _____, 20_____, James J. Duerrwaechter, Massimo Bisceglia and David J. Wieners, Members of Mastercraft Builders, LLC., A Wisconsin Limited Liability Company, to me known to be the persons who executed the foregoing instrument and acknowledged the same.

_____
Notary Public
State of Wisconsin
My Commission Expires: _____

CONSENT OF CORPORATE MORTGAGEE

TriCity National Bank, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, mortgagee of the above described land, does hereby consent to the surveying, dividing and mapping of the land described on this map and does hereby consent to the above certification of owners.

IN WITNESS WHEREOF, the said TriCity National Bank, has caused these presents to be signed by John Kaldem, Vice President, at _____, Wisconsin, this _____ day of _____, 2023.

TRICITY NATIONAL BANK:

_____
John Kaldem, Vice President

WISCONSIN DENNIS C SAUER S-2421 FRANKLIN, WI LAND SURVEYOR

March 13, 2023

CERTIFIED SURVEY MAP NO. _____

Being a part of the Northeast 1/4 and the Northwest 1/4 of the Northeast 1/4 of Section 17, Township 2 North, Range 22 East, in the Village of Somers, Kenosha County, Wisconsin.

STATE OF WISCONSIN)
_____ COUNTY) SS

PERSONALLY came before me this _____ day of _____, 2023, John Kaldem, Vice President of TriCity National Bank, to me known to be the person who executed the foregoing instrument and to me known to be such officer of said corporation and acknowledged the same.

_____
Notary Public - State of Wisconsin
My Commission Expires:_____

VILLAGE BOARD APPROVAL

APPROVED by the Village Board of the Village of Somers on this _____ day of _____, 20_____.

_____ _____
George Stoner, Village President Brand Baker, Clerk

March 13, 2023

TONY EVERS
GOVERNOR
KATHY BLUMENFELD
SECRETARY-DESIGNEE
Plat **R**eview
PO Box 1645, Madison WI 53701
E-mail: plat.review@wi.gov
https://doa.wi.gov/platreview

REVISED
April 24, 2023

Dennis Sauer
METROPOLITAN SURVEY SERVICE INC
9415 W FOREST HOME AVE STE 202, HALES CORNERS WI 53130
survey@metropolitansurvey.com

FILE NO. 121631
Certified Survey Map
Mastercraft Builders LLC
Village of Somers, Kenosha County

Dear Dennis Sauer:
Per request, we have reviewed this revised certified survey map (CSM) dated April 20, 2023 for compliance with s. 236.34 Wis. Stats. Our comments are as follows:

REVIEW COMMENTS:
It appears that comments from our previous review letter dated April 20, 2023 have been addressed and that this CSM complies with the requirements of s. 236.34 Wis. Stats.

If you have any questions regarding this review, please contact me as listed above.

Sincerely,

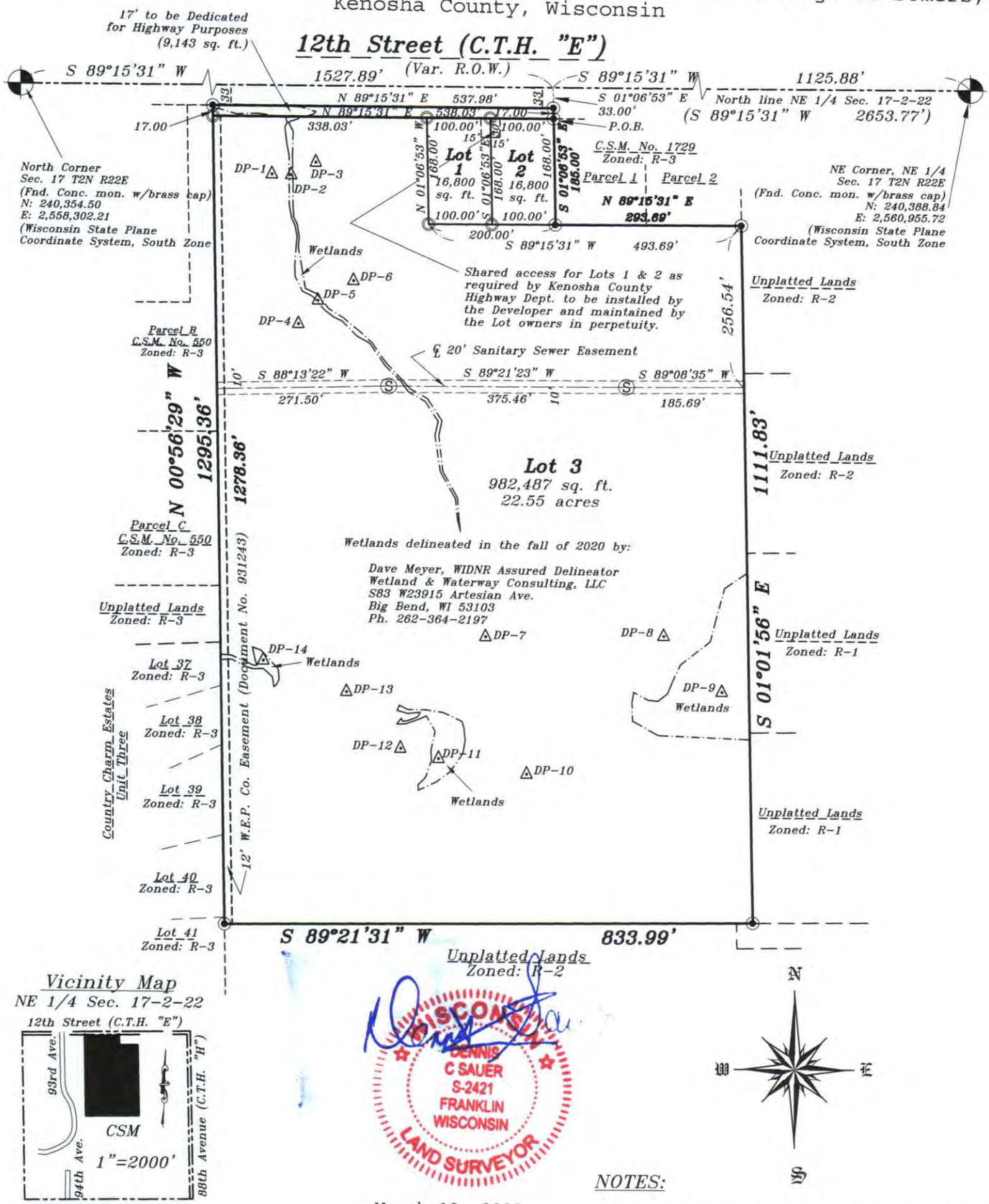
Don Sime, PLS
Plat Review

Enc: Revised Certified Survey Map

cc: Clerk, Village of Somers

CERTIFIED SURVEY MAP NO. _____

Being a part of the Northeast 1/4 and Northwest 1/4 of the Northeast 1/4 of Section 17, Township 2 North, Range 22 East, in the Village of Somers, Kenosha County, Wisconsin



Vicinity Map

NE 1/4 Sec. 17-2-22

DENNIS C SAUER S-2421 FRANKLIN WISCONSIN LAND SURVEYOR

March 13, 2023
Rev. March 24, 2023
Rev. April 20, 2023

Prepared for:
Mastercraft Builders, LLC.
5008 Green Bay Road, Suite 101
Kenosha, WI 53144

Prepared by:
Dennis C. Sauer P.L.S-2421
Metropolitan Survey Service, Inc.
8482 S. 76th St.
Franklin, WI 53132
(414) 529-5380

GRAPHIC SCALE

200 0 100 200

(IN FEET)
1 inch = 200 ft.

NOTES:

- ◉ Denotes 1" iron pipe found and accepted.
- ○ Denoted 1" x 24" iron pipe set, weighing 1.13lbs/lin. ft. min.
- △ Soil Boring

Map bearings refer to Grid North of the Wisconsin State Plane Coordinate System, South Zone (NAD27), with the North line of the NE 1/4 of Section 17, T2N, R22E having an assumed bearing of S 89°15'31" W.

JTM CERTIFIED SURVEY MAPS/Somers/Mastercraft - Somer 114119/114119.dwg

CERTIFIED SURVEY MAP NO. _____

Being a part of the Northeast 1/4 and the Northwest 1/4 of the Northeast 1/4 of Section 17, Township 2 North, Range 22 East, in the Village of Somers, Kenosha County, Wisconsin.

SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN)
KENOSHA COUNTY) SS

I, Dennis C. Sauer, Professional Land Surveyor, do hereby certify:

That I have surveyed, divided and mapped a part of the Northeast 1/4 and the Northwest 1/4 of the Northeast 1/4 of Section 17, Township 2 North, Range 22 East, in the Village of Somers, Kenosha County, Wisconsin. bounded and described as follows:

Commencing at the Northeast corner of said Northeast 1/4; thence S 89°15'31" W along the North line of said Northeast 1/4, 1125.88 feet; thence S 01°06'53" E, 33.00 feet to the south right-of-way line of 12th Street and the point of beginning of the lands to be described; thence continuing S 01°06'53" E, 185.00 feet; thence N 89°15'31" E, 293.69 feet; thence S 01°01'56" E, 1111.83 feet; thence S 89°21'31" W. 833.99 feet; thence N 00°56'29" W, 1295.36 feet to the south right-of-way line of 12th Avenue; thence N 89°15'31" E along said south right-of-way line, 537.98 feet to the point of beginning.

Said lands containing 1,025,230 square feet, or 23.54 acres more or less.

That such map is a correct representation of all the exterior boundaries of the land surveyed and the land division thereof made.

That I have made such survey, land division and map by the direction of Mastercraft Builders, LLC., owner of said land.

That I have fully complied with the requirements of Section 236.34 of the Wisconsin State Statutes and the Village of Somers Land Division and Platting Control Ordinance in surveying, dividing and mapping the land within the certified survey map.

March 13, 2023
Date
Rev. March 24, 2023
Rev. April 20, 2023

Dennis C Sauer
Professional Land Surveyor S-2421

WISCONSIN
DENNIS
C SAUER
S-2421
FRANKLIN
WISCONSIN
LAND SURVEYOR

PREPARED FOR:
Mastercraft Builders, LLC.
5008 Green Bay Road, Suite 101
Kenosha, WI 53144

PREPARED BY:
Metropolitan Survey Service, Inc.
8482 South 76th Street
Franklin, WI 53132

CERTIFIED SURVEY MAP NO. _____

Being a part of the Northeast 1/4 and the Northwest 1/4 of the Northeast 1/4 of Section 17, Township 2 North, Range 22 East, in the Village of Somers, Kenosha County, Wisconsin.

CORPORATE OWNER'S CERTIFICATE OF DEDICATION:

Mastercraft Builders, LLC., a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, as members, do certify that the said corporation caused the land described on this map to be surveyed, divided, mapped and dedicated as represented on this map in accordance with the requirements of Section 236.34 of the Wisconsin State Statutes and is required to be submitted to the Village of Somers for approval.

IN WITNESS WHEREOF, the said Mastercraft Builders, LLC, a Wisconsin Limited Liability Company, has caused these presents to be signed by and James J. Duerrwaechter, Massimo Bisceglia, David J. Wieners, Members of said Limited Liability Corporation at _____,Wisconsin, this_____day of _____20_____.

Mastercraft Builders, LLC:

_____ , Member

_____ , Member

_____ , Member

STATE OF WISCONSIN)
KENOSHA COUNTY) SS

PERSONALLY came before me this _____ day of _____, 20_____, James J. Duerrwaechter, Massimo Bisceglia and David J. Wieners, Members of Mastercraft Builders, LLC., A Wisconsin Limited Liability Company, to me known to be the persons who executed the foregoing instrument and acknowledged the same.

_____
Notary Public
State of Wisconsin
My Commission Expires: _____

CONSENT OF CORPORATE MORTGAGEE

TriCity National Bank, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, mortgagee of the above described land, does hereby consent to the surveying, dividing and mapping of the land described on this map and does hereby consent to the above certification of owners.

IN WITNESS WHEREOF, the said TriCity National Bank, has caused these presents to be signed by John Kaldem, Vice President, at _____, Wisconsin, this _____ day of _____, 2023.

TRICITY NATIONAL BANK:

_____
John Kaldem, Vice President

WISCONSIN
DENNIS C SAUER
S-2421
FRANKLIN
WISCONSIN
LAND SURVEYOR

Rev. 3-24-23
Rev. 4-20-23
March 13, 2023

CERTIFIED SURVEY MAP NO. _____

Being a part of the Northeast 1/4 and the Northwest 1/4 of the Northeast 1/4 of Section 17, Township 2 North, Range 22 East, in the Village of Somers, Kenosha County, Wisconsin.

STATE OF WISCONSIN)
_____ COUNTY) SS

PERSONALLY came before me this _____ day of _____, 2023, John Kaldem, Vice President of TriCity National Bank, to me known to be the person who executed the foregoing instrument and to me known to be such officer of said corporation and acknowledged the same.

_____
Notary Public - State of Wisconsin
My Commission Expires:_____

VILLAGE BOARD APPROVAL

APPROVED by the Village Board of the Village of Somers on this _____ day of _____, 20_____.

_____ _____
George Stoner, Village President Brand Baker, Clerk

March 13, 2023
Rev. March 24, 2023
Rev. April 20, 2023

COUNTY OF KENOSHA

Division of Planning & Development

Andy M. Buehler, Director
Division of Planning & Development
19600 75th Street, Suite 185-3
Bristol, WI 53104-9772
(262) 857-1895

TO:	**Village of Somers Plan Commission**
FROM:	**Luke Godshall, Kenosha County Planning & Development**
RPT DATE:	**04-28-23**
MTG DATE:	**05-08-23**
APP DATE:	**03-24-23**
RE:	**Hawthorn Hollow Conditional Uses**

BACKGROUND:

1. Petitioner/Agent: Timothy Leveque, Hawthorn Hollow
2. Property Owner: Hyslop Foundation, Inc.
3. Location/Address: 880 / 914 Green Bay Rd.
4. Tax key Number: 82-4-222-101-0323
5. Area: 87.93 acres
6. Existing Zoning: PR-1 Park-Recreational Dist., C-2 Upland Resource Conservancy Dist., C-1 Lowland Resource Conservancy Dist.
7. Proposed Zoning: no change proposed

OVERVIEW:
The Petitioner is requesting Conditional Use Permit (CUP) approval to allow for various private and public events with lodging on the property (such as private weddings, corporate retreats, private parties, life celebrations, etc.), to allow outdoor summer concerts, and to allow for living quarters for on-site watchmen/caretakers of the property.

PLANNER COMMENTS:
In October/November of 2021, Somers Fire & Rescue was approached by Hawthorn Hollow about converting a residential house into short-term rental use. Through these talks it became apparent that there were other uses and events occurring on the property that had never been formally recognized by the Village (or previously the Town of Somers).

In November 2021, Lieutenant Pisula of Somers Fire & Rescue indicated he had begun working with Hawthorn Hollow to create special event plans for the various uses occurring on the property. The fire department explained to Hawthorn Hollow their concerns with large group events on certain areas of the property including areas that currently have limited or no access for emergency response purposes.

In December 2021, Planning & Development Director Andy Buehler and myself toured the site with Chad Jocius of Hawthorn Hollow to gain a better understanding of how the site was being operated and intended to be operated in the future. One of the main areas of focus was the Pike House/Ozanne Outpost area of the property which Hawthorn Hollow rents out for private weddings/receptions, corporate retreats, and various other private events, meetings and parties. The Pike House itself is a large structure that is well-suited for such uses, containing 6 bedrooms, 3 full baths, full kitchen and provides an elevator for accessibility.

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Over the course of the past year, staff has held several meetings with Hawthorn Hollow representatives to discuss and gain a better understanding of their existing and anticipated operations. As a result of these discussions, staff drafted updated zoning ordinance language to address the types of uses occurring on the property. In February 2023 these updates were adopted by the Village Board, which included a new Conditional Use type allowing for event facilities in the PR-1 district (Ordinance No. 2023-004), as well as allowing living quarters for watchmen and caretakers in the PR-1 district as a Conditional Use (Ordinance No. 2023-005). Hawthorn Hollow's application seeks approval of three (3) types of conditional uses:

Event Facilities (with or without lodging) - per Section ZN 5.03(8)(b)144:

Hawthorn Hollow's website (https://hawthornhollow.org/) includes a separate section describing the types of Private Events that could be held on the site. These events include weddings & receptions, life celebrations and rentals of the Pike House for things such as corporate & team building retreats, private parties, lectures, photo shoots, and bridal & baby showers.

For wedding reception events, Hawthorn Hollow currently utilizes a rented tent that is set up and taken down for each event. They have indicated their intent to eventually construct a permanent covered pavilion structure in the open area to the southeast of Pike House (indicated as future building # 5 on the submitted site plan). If this building is to contain permanent restroom facilities, a Private Onsite Wastewater Treatments Systems (POWTS) permit will need to be obtained from the Kenosha County Sanitarian.

Summer Concerts - per Section ZN 5.03(8)(b)130:

The current zoning ordinance allows for 'summer theatres and amphitheaters or band shells in the PR-1 district' as a Conditional Use. Hawthorn Hollow has historically held a summer concert series at their outdoor amphitheater along the banks of the Pike River (located in the area of the future Concession Stand (white #1) shown on the submitted site plan). According to their website, there are 3 planned concerts slated for 2023 (June 23, July 28, August 18) which all start at 6pm. The submitted application also indicates that several other events include outdoor live music, including their Birds and Plants event, Walk in the Woods Art Fair, and Harvest Hootenanny.

The submitted application does not indicate when these events typically end. The submitted application also does not indicate what the seating capacity of the amphitheater is. The conditional use section for 'summer theatres and amphitheaters or band shells in the PR-1 district' (Section ZN 5.03(8)(b)130) indicates "that a detailed site plan shall be submitted to the Plan Commission along with the proposed hours of operation and seating capacity on the premises." It also indicates that "an application for a conditional use permit shall be accompanied by a report setting forth the proposed operation of the theater, amphitheater or band shell." It is recommended that Hawthorn Hollow provide this information to the Plan Commission and Board for review prior to final approval being granted.

Watchmen/Caretakers living quarters - per Section ZN 5.03(8)(b)62:

Hawthorn Hollow has indicated that there are two living quarters for property caretakers/watchmen. The current conditional use language in the zoning ordinance allows for one such living quarters. In their submitted application, Hawthorn Hollow has requested that the two existing living quarters be allowed and recognized under the requested conditional use.

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The entire Hawthorn Hollow property is situated behind dense vegetation and berms along the STH 31 and is therefore completely shielded from public view. Planning & Development does not have record of any complaints ever having been received from neighboring property owners regarding noise, traffic congestion or any other nuisance activity that could have a negative impact on surrounding properties.

Upon reviewing the information submitted by Hawthorn Hollow in their CUP application and the information contained on their website (https://hawthornhollow.org/) it does not appear there are any plans or maps for event parking/traffic circulation. The website does contain a site plan map, but only for the northern half of the property. It is recommended that an updated site map be provided on the website which includes the southern half of the property.

It would also be recommended that event parking/traffic circulation plans be provided to the Village for review, especially by the fire department. It is recommended that these plans also be made available on the Hawthorn Hollow website for public use/knowledge.

The property and its buildings are currently served by Private Onsite Wastewater Treatments Systems (POWTS). In 2019, a POWTS evaluation was conducted by Eric Billingsley of Billingsley Engineering and provided to County Sanitarian Alex Priesgen. That evaluation indicated there was an issue of the treatment tanks not meeting the necessary minimum setback requirement of 5 feet from tank to a building (Pole Barn building indicated as current building #10 on the submitted site plan). This issue will need to be corrected via the issuance of a sanitary permit or other approval by the County Sanitarian prior to Board approval of the CUP. The property owner is encouraged to contact the County Sanitarian to discuss correction of this issue.

STAFF RECOMMENDATION:
Should the Plan Commission choose to recommend approval, staff would recommend the following conditions:

1. Subject to the information and site plan contained in the submitted conditional use permit application on March 24, 2023.

2. Subject to the property owner working with the County Sanitarian to correct an outstanding sanitary treatment tank setback issue, as determined by 2019 POWTS evaluation. Final Conditional Use Permit approval by the Village Board shall not be granted until this issue has been corrected to the satisfaction of the County Sanitarian.

3. Subject to the Conditional Use standards contained in **Section ZN 5.03(8)(b)144 for Event Facilities (with or without lodging) in the PR-1 District**:

    a. The minimum parcel size shall be ten (10) acres.

    b. A two hundred (200) foot open buffer shall be provided on all sides of the property not abutting a public roadway. Outdoor event facilities shall not be permitted within this buffer area. Where possible, suitable landscaping shall remain or be grown within the buffer area.

    c. Landscape buffer plantings shall be provided along a property line where there is an abutting residence, and which are intended to screen views, lights and noise from the operation. A landscape buffer planting plan shall be submitted with the application and approved by the Village Plan Commission and Board.

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d. Parcels shall have frontage along a paved public road for direct access.

e. Any facilities used for lodging must be associated with events on the property and receive necessary approvals from the Kenosha County Health Department.

f. Access by private easement must be formalized and be recorded or available for recording. Modifications of existing easements resulting from the proposed use(s) must be approved in writing by all easement parties. The Village of Somers may require easement(s) to allow site access by Village Fire & Rescue and/or law enforcement.

g. All ingress/egress driveways, internal circulation drives, and parking areas shall be located in such a manner to minimize traffic hazards associated with entering and exiting the public roadway as approved by Village Fire & Rescue.

h. The increase in traffic generated by the proposed use(s) shall not create a nuisance to nearby residents by way of traffic or noise.

i. Parking areas may be either gravel or paved. Handicapped parking spaces shall be paved and meet all state standards. Sufficient parking spaces to accommodate the proposed use(s) shall be provided and shall be based on an overall plan that has been reviewed and approved by Village Fire & Rescue. Overflow parking on grass or hay areas may be permissible as approved by Village Fire & Rescue. Parking on public rights-of-way is not permitted.

j. Parking areas of any type shall not be located within the required buffer area and must meet the parking requirements of §ZN 3.06(3)(j) and (k).

k. Building occupancy and site capacity limits, as determined by the Village Building Inspector and/or Village Fire & Rescue, shall not be exceeded for any event occurring on the property.

l. Signage shall comply with §ZN 3.07.

m. Any newly proposed or changed outdoor lighting shall consist of full cut- off luminaries and shall not exceed an illumination level of 0.5 foot- candles as measured at the property line. Lighting fixtures shall be shielded or directed in such a manner to prevent light from shining directly onto abutting rights-of-way and adjacent properties (cut-off type luminaries only). No protruding lenses are allowed, and lenses must be constructed so as to be parallel to the constructed yard grade. All security lighting shall be shielded and aimed so that illumination is directed only to the designated areas. General flood lighting fixtures shall be discouraged.

n. No on or off-premise signs, banners, or billboards shall be constructed, erected, or displayed without first obtaining proper permits from the State, Village or local unit of government in which they are being located.

o. Structures shall be inspected by Village Fire & Rescue and Building Inspector prior to the Village meetings and shall meet all Village Fire and Building Code standards prior to occupancy.

p. Parcels not served by public sanitary sewer shall be served by Private Onsite Wastewater Treatment Systems (POWTS) which meet all requirements of Chapter 15 of the Kenosha County Sanitary Code and Private Sewage System Ordinance, and Wis. Admin. Code § SPS 382- 385 and their corresponding design manuals regarding POWTS. Parcels not currently served by sanitary sewer and/or municipal water shall be required to connect to sanitary sewer and/or municipal water upon availability.

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q. It is the responsibility of the applicant to comply with all State and local regulations regarding public health. This includes proper and adequate toilet and hand washing facilities, showering facilities, proper food preparation and serving conditions, adequate tested potable water, proper disposal of refuse and food by-products on a timely basis. The Kenosha County Division of Health requires permits and inspections to assure the event is conducted within laws of proper sanitation and health. The applicant shall obtain all necessary health-related permits and assure that all necessary tests and inspections are conducted.

r. Food vendors shall be licensed by the Kenosha County Health Department.

s. Amplified music and dancing may be permitted only within approved structures and/or areas of the property. Village noise ordinances shall be complied with. Amplified music shall be subject to applicable Village licensing requirements.

t. The sale and consumption of alcoholic beverages on the premises is subject to applicable Wisconsin Statutes, Administrative Code provisions, and Village licensing requirements.

4. Subject to the Conditional Use standards contained in **Section ZN 5.03(8)(b)130 for Summer theaters and amphitheaters or band shells in the PR-1 District**:

   a. A detailed site plan shall be submitted to the Plan Commission along with the proposed hours of operation and seating capacity on the premises.

   b. At least one off-street parking space shall be provided for every three seats located within the theater, amphitheater or band shell.

   c. The site shall have direct access to federal, state or Village highways.

   d. An application for a conditional use permit shall be accompanied by a report setting forth the proposed operation of the theater, amphitheater or band shell.

   e. Ingress and egress to the site shall be determined with due regard to topography and public road and pedestrian traffic taking into consideration hills, curves, speed limits and vision clearance.

   f. Parking areas shall be maintained in a dust free condition and where paved, a stormwater drainage plan shall be submitted to the Plan Commission.

   g. Night lighting shall not be permitted to shine on adjacent property.

   h. Proposals for water and sanitation facilities and emergency services shall be reviewed by the Plan Commission.

   i. Increased performance standards with respect to noise may be required as deemed necessary.

5. Subject to the Conditional Use standards contained in **Section ZN 5.03(8)(b)62 Living quarters for watchmen and caretakers in the M-2 District and PR-1 District**:

   a. A site plan shall be presented to the Plan Commission.

   b. Not more than one such living quarters shall be permitted per parcel.

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i. Note: Petitioner is requesting an allowance for two (2) watchmen/caretakers living quarters on the parcel.

c. Said living quarters shall not exceed 1,000 square feet.

d. Said conditional use permit terminates at such time as the aforementioned quarters are no longer used as living quarters for watchmen or caretakers.

6. It is the responsibility of the applicant to assure and guarantee that the above conditions are fully complied with. This includes, but is not necessarily limited to, meeting conditions established herein, providing any applicable letters of credit, providing and following approved plans, obtaining permits prior to construction, making improvements, participating in coordination meetings with governmental officials, following established time frames, meeting deadlines, and providing additional information where deemed necessary. Any unauthorized deviation from the approved plans and conditions shall result in the issuance of a citation and/or applicable stop work order by the Village of Somers or other applicable agencies until the conditional use permit is brought back into compliance. Continued violation of the conditions as set forth herein shall result in a recommendation for revocation of the Conditional Use Permit.

7. Any substantial change or expansion of the submitted plan of operation, i.e., the addition and/or expansion of events, structures and/or uses not included in the submitted application, shall require the applicant to reapply for a Conditional Use Permit to the Village of Somers for its review and approval.

8. If property ownership and/or tenant shall happen to change it shall be the responsibility of the person(s) that signed these conditions to notify new owner and/or tenant of all above stated conditions of approval.

9. It is the total responsibility of the petitioner to assure and guarantee that the above stated conditions are fully complied with. Any deviation from the approved plans and conditions shall result in the issuance of a citation and associated stop work order until the project is brought back into compliance. Continuance of the project shall result in a recommendation for revocation of the Conditional Use Permit.

10. Subject to necessary zoning and/or building permits being issued for any proposed structures including principal & accessory structures, signage, fences, etc.

VILLAGE OF SOMERS
Department of Planning & Development

RECEIVED
MAR 24 2023
Kenosha County
Planning and Development

CONDITIONAL USE PERMIT APPLICATION

(a) Property Owner's Name:

Hyslop Foundation, Inc.

Print Name: n/a Signature: authorized agent

Mailing Address: 880 Green Bay Road

City: Kenosha State: WI Zip: 53144

Phone Number: 262-552-8196 E-mail (optional): thehollow@hawthornhollow.org

Note: Unless the property owner's signature can be obtained in the above space, a letter of agent status signed by the legal property owner must be submitted if you are a tenant, leaseholder, or authorized agent representing the legal owner, allowing you to act on their behalf.

(b) Agent's Name (if applicable):

Print Name: Timothy Leveque Signature:

Business Name: Hyslop Foundation / Hawthorn Hollow

Mailing Address: 880 Green Bay Road

City: Kenosha State: WI Zip: 53144

Phone Number: 262-552-8196 E-mail (optional): tj@hawthornhollow.org

(c) Architect's Name (if applicable):

Print Name: _____ Signature: _____

Business Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ E-mail (optional): _____

(d) Engineer's Name (if applicable):

Print Name: _____ Signature: _____

Business Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ E-mail (optional): _____

(e) Tax key number(s) of subject site:

39-6061420 tax ID

Parcel # 82-4-222-101-0323

Address of the subject site:

880 Green Bay Road & 914 Green Bay Road

(f) Plan of Operation (or attach separate plan of operation)

Type of structure: attached

Proposed operation or use of the structure or site:

see attached

Number of employees (by shift): 8 year round / 5 seasonal

Hours of Operation: 8am-5pm

Any outdoor entertainment? If so, please explain: yes see attached

Any outdoor storage? If so, please explain: yes see attached

Zoning district of the property: PR-1

(g) Attach a plat of survey prepared by a professional land surveyor or site plan drawn to scale and approved by the Kenosha County Department of Planning & Development showing all of the information required under section 12.05-1(h)3 for a zoning permit. In addition, the plat of survey or site plan layout shall show the location, elevation and use of any abutting lands and the location and foundation elevations of structures within 50 feet of the subject site; soil mapping unit lines; ordinary high water mark, historic high water marks and floodlands on or within 50 feet of the subject premises, existing and proposed gravel, asphalt and concrete surfaces, existing and proposed signage, existing and proposed buildings, and existing and proposed landscaping.

For conditional use permit applications that are made within shoreland and floodland areas, such description shall also include information that is necessary for the Village Plan Commission to determine whether the proposed development will hamper flood flows, impair floodplain storage capacity, or cause danger to human, animal or aquatic life. This additional information may include plans, certified by a registered professional engineer or professional surveyor, showing existing and proposed elevations or contours of the ground; fill or storage elevation; basement and first floor elevations of structures; size, location, and spatial arrangement of all existing and proposed structures on the site; location and elevation of streets water supply and sanitary facilities; aerial photographs, and photographs showing existing surrounding land uses and vegetation upstream and downstream; soil types and any other pertinent information required by either the Village of Somers Planning & Development office, Village Plan Commission or Village Board:

(h) The Kenosha County Department of Planning & Development may ask for additional information.

(i) The fee specified in Section 12.05-8 of this ordinance.

Request for Conditional Use Permit (payable to "Kenosha County") $1,350.00

(For other fees see the Fee Schedule)

Narrative

Hawthorn Hollow is requesting 3 Conditional Use Permit types.

- ZN5.03(8)(b) 144 - Event Facilities (with or without lodging) in the PR-1 District
- ZN5.03(8)(b) 62 - Living quarters for watchmen/caretakers in M-2 District and PR-1 District.
- ZN5.03(8)(b) 130 - Summer theaters and amphitheaters or band shells in the PR-1 District.

Hawthorn Hollow is requesting an amendment to ordinance No. 2023-005 regarding living quarters for watchmen/caretakers. Our request is to deviate from the 1 living quarter permitted per parcel, to 2 living quarters per parcel.

Thank you for your consideration.

HAWTHORN HOLLOW
NATURE SANCTUARY AND ARBORETUM

Buildings and Descriptions

Overview:
Hawthorn Hollow Nature Sanctuary and Arboretum is a nonprofit operating on 90 acres of land. Our mission is to cultivate appreciation, understanding, and stewardship of our natural and local heritage through environmental education and sanctuary preservation. We have a total of 14 buildings.

Buildings

1. *Observatory*
   Education and events, held mostly at night

2. *Nature Center Lower/Apartment Upper*
   Education, events, meetings, rentals for parties, observatory office, and a tenant upstairs

3. *Sugar Shack*
   Education for maple sugaring.

4. *Annex/Garage*
   Storage

5. *Administration Building*
   Office spaces for staff

6. *1847 Schoolhouse*
   Education, just a tourist stop

7. *1906 Schoolhouse*
   Education for field trips and a tourist stop

8. *Town Hall*
   Education and a tourist stop

9. *Pike House*
   Rentals, weddings, meetings, and cooking classes

10. *Pole Barn*
    Workshop and storage

11. *3-Car Garage*
    Storage

12. *OO Loft Apartment/Garage*
    Tenant in the loft, garage is used for catering placement and storage

13. *Honey House*
    Education and honey processing

14. *Farm Barn*
    Events and storage

Future Building Plans

1. Concession Stand
2. Cantilever Overlook
3. Boardwalk
4. Prairie Platform
5. Pavilion
6. Gazebo
7. Observatory Shed
8. Free-standing Restrooms
9. Parking Lot
10. Wetland Observation Blind

(SEE CURRENT BUILDINGS ON MAP IN RED)
(SEE FUTURE BUILDINGS ON MAP IN WHITE)

White = Future
Red= Current
Pike Creek
Hawthorn Hollow Nature Sanctuary and Arboretum
Hiking Trail
Green Bay Rd
Google

Outdoor Entertainment

As part of our fundraising efforts, Hawthorn Hollow hosts several events that include outdoor entertainment, specifically live music.

- Birds and Plants
- Pike River Benefit Concert Series (3 per year)
- Walk in the Woods Art Fair
- Harvest Hootenanny

Outdoor Storage

Hawthorn Hollow stores a variety of landscaping materials in our maintenance areas, in a private location out of the public's view.

- Plants/trees
- Gravel/bricks/hardscaping
- Fire wood
- Tractor attachments
- Seasonal outdoor décor

COUNTY OF KENOSHA

Division of Planning & Development

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TO:	**Village of Somers Plan Commission**
FROM:	**Luke Godshall, Kenosha County Planning & Development**
RPT DATE:	**05-01-23**
MTG DATE:	**05-08-23**
APP DATE:	**03-24-23**
RE:	**Compressed Natural Gas (CNG) fueling facility**

BACKGROUND:

1. Petitioner/Agent: Bradley Hovanec, CAGE Engineering, Inc.
2. Property Owner: Rossi Investments LLP
3. Location/Address: SE corner of CTH KR & Canadian Pacific Railroad
4. Tax key Number: part of 82-4-222-041-0112
5. Area: 20 acres
6. Existing Zoning: A-1 Agricultural Preservation District
7. Proposed Zoning: B-3 Highway Business District

OVERVIEW:

The Petitioner is requesting approval of a proposed Compressed Natural Gas (CNG) fueling facility providing gated overnight fleet vehicle parking and minor vehicle maintenance for CNG-fueled "Green Trucks", to be located along the south side of CTH KR (1st) street and adjacent to the east side of the Canadian Pacific railroad tracks. The proposed facility is proposed to be located on a 20-acre parcel that would be subdivided from the existing 132-acre parcel via Certified Survey Map. Petitioner is seeking approval for rezoning, land division (Certified Survey Map), conditional use, and overall site plan & building fenestration approvals.

PLANNER COMMENTS:

This project was brought before the Plan Commission in January 2023 for conceptual review. At that time the submitted site plan indicated several proposed buildings in the northeast portion of the site that would not have met Village standards. The current plans now show an 8590 sq. ft. masonry service & office building to be constructed at the northeast portion of the project site. This building includes 4 truck service bays, a parts warehouse and office space for employees. The building is shown to be 20.87' in height (35' allowed by ordinance) and would meet the minimum 65' highway setback requirement. The submitted application indicates that the building service bays would be used for minor service to the trucks (wiper replacement, tire service/replacement, oil changes, etc.) and that heavy repairs would be performed at an off-site facility. No outdoor storage is proposed. All service work must be performed inside the building.

The service & office building is proposed to be served by a Private Onsite Wastewater Treatment System (POWTS) holding tank, to be located northeast of the service & office building. The Petitioner will need to apply for and receive a sanitary permit from the County Sanitarian prior to any zoning or building permits being issued for construction of the building.

The submitted site plan is very similar to what was proposed conceptually in January 2023. The plan provides for 170 time-fill truck cab parking spaces, 74 time-fill box truck spaces, and 202 passenger

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vehicle spaces. An additional 20 passenger vehicle parking spaces are provided in the service & office building area. The site plan also accounts for 154 future box truck and 168 passenger vehicle parking spaces. All parking areas and drives are shown to be paved with concrete or asphalt and all pavement setbacks are shown to be met from lot lines and the street right-of-way. The entire time-fill area and office building area are shown to be enclosed with 8-foot high black chain link fence, while the CNG compound area is to be enclosed with 6-foot high black vinyl coated chain link fence with black vinyl slatting and is well-screened with trees and shrubs.

The proposed fast-fill area of the site consists of one pump canopy with 4 pump dispensers underneath. The pump canopy is 19.5' in height (20' allowed under ordinance), and both the canopy and pumps meet the required 30' setback from any property line.

Access into the site is shown to come from CTH KR via a 48-foot wide drive connecting to a 30-wide drive leading into the proposed CNG facility and the future development of the remnant parcel. The proposed access location will need to be reviewed and approved by Kenosha County Division of Highways and/or the Wisconsin Dept. of Transportation (WisDOT). The submitted applications materials indicate that Sam Schwartz Consulting, LLC has been retained to provide traffic engineering services and to prepare a Traffic Impact Analysis (TIA) if required.

The proposed Certified Survey Map consists of one 20-acre Lot that would be created for the proposed use. The CSM generally complies with the Village's Land Division and Platting Control Ordinance, with the exception of some items noted in the Staff Recommendation section below.

The layout of the proposed Lot is mostly rectangular with the exception of a "tail" that is created by drawing the Lot boundary around the proposed access drive into the site. Staff has some concern that creating a Lot of this shape will create unusable or difficult to use land area between the access drive and right-of-way of CTH KR/1st Street that would be cut off from the remnant parcel. It is recommended that this area be avoided by eliminating the "tail" and redrawing the CSM Lot boundary to include this area with the proposed CSM Lot.

The submitted landscape plan, dated 3-22-23 and prepared by Landscape Architect Larry C. Glasscock of LG Workshop, LLC, shows a diverse mixture of deciduous, evergreen, ornamental trees and shrubs, grasses and perennials and is shown to meet Village ordinance requirements. It should be noted that some of the plant symbols used on the landscape plan sheets are missing from the Plant List on Sheet L2.2 of the landscape plan (for example, 'TCR', 'MPF', and 'HYP' are used on Sheet L2.0 but are not listed in the Plant List). A revised landscape plan should be submitted to address this issue. The revised landscape plan shall also include quantities listed in the Plant List, which is missing from the submitted landscape plan.

The photometric plan, dated 3-20-23 by KSA Lighting & Controls, shows that all lighting fixtures are proposed to be full cut-off fixtures as required by ordinance and that light intensity will not exceed 0.5 footcandles at property lines.

The proposed CSM Lot is intended to be served by a Private Onsite Wastewater Treatment System (POWTS), as sewer is not available to the subject parcel. At the time of this report, the Petitioner has not yet submitted soil test information for the proposed Lot of the CSM, which is required under the County Sanitary Ordinance to ensure the proposed Lot contains a suitable POWTS site. The locations of the soil borings will also need to be added by the surveyor onto the face of the CSM. The Petitioner has been made aware that soil tests are needed. The proposed rezoning and CSM should not receive

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final Board approval until the required soil test information has been submitted to & received approval from the County Sanitarian.

STAFF RECOMMENDATION:
Should the Plan Commission choose to recommend approval of this project, staff would recommend the following conditions:

1. Subject to the information and plans contained in the submitted applications on March 24, 2023, and additional documents received April 7, 2023.

2. Final project approval shall not be granted by the Board until soil tests on the proposed Lot of the Certified Survey Map have been reviewed and approved by the County Sanitarian.

3. Subject to submitting a revised landscape plan with updated Plant List containing quantities and plant symbols matching those used on the landscape plan sheets.

4. Subject to the Conditional Use standards contained in **Section ZN 5.03(8)(b)50 for Gasoline service stations in the B-1, B-2, B-3, B-4 and B-5 Districts**:

    a. A detailed site plan shall be submitted showing all structures and their distances including canopies, pump islands, light poles, tower signs, storage tank locations, etc.

    b. All canopy posts shall be at least 30 feet from any property line. No canopy shall exceed 20 feet in height.

    c. Canopies shall not be permitted to overhang past the property line.

    d. All pumps shall be set back at least 30 feet from any property line.

    e. Gasoline service stations for semi-trailers shall have their ingress and egress located in such a fashion as to give due regard to topography and public road and pedestrian traffic taking into consideration hills, curves, speed limits and vision clearance.

5. Subject to the Conditional Use standards contained in **Section ZN 5.03(8)(b)13 for Automotive Sales, Service and Repairs in the B-2, B-3, and B-5 Districts**:

    a. All servicing and repair work shall be within an enclosed structure. Repair materials, new, used or junk parts shall not be stored outside unless the storage area has a solid fence enclosure. Junk materials shall be removed at least once a month to avoid unsightliness of the site. Fences shall be of uniform design and height and be properly maintained for aesthetic purposes.

    b. No cars shall be parked within the vision triangle and all parking lots shall meet all yard requirements.

    c. Lights shall not be beamed directly onto adjoining property.

6. The Certified Survey Map shall be subject to the following:

    a. Subject to revising the CSM to address review comments from the Wisconsin Department of Administration (review comments forthcoming).

Andy M. Buehler, Director
Division of Planning & Development
19600 75th Street, Suite 185-3
Bristol, WI 53104-9772
(262) 857-1895

b. Subject to making the following revisions to the CSM:

1. Add the locations of soil borings performed by a certified soil tester on Lot 1 to the face of the CSM and include a legend item identifying the soil boring symbol (the borings shown on the submitted CSM should be identified as geotechnical borings).
2. Show the location of proposed access driveway to CTH KR (1st Street).
3. Indicate if the "Sanitary Holding Tank" noted on Sheet 1 is Existing or Proposed.
4. Per Section 18.27(F)(1) of the Village of Somers Land Division and Platting Control Ordinance, revise the shape of the eastern portion of Lot 1 of the CSM so that side lot lines are at right angles to the highway right-of-way line. The "tail" created by drawing the Lot boundary around the proposed access drive should be eliminated by squaring off the parcel up to the right-of-way line.
5. Add & label the shoreland boundary line on the face of the CSM.
6. On Sheet 2, in the last paragraph of the Surveyor's Certificate, change "Town of Eileen and Bayfield County" to read "Village of Somers Land Division and Platting Control Ordinance".
7. On Sheet 2, remove the signature line for "First name Last name, Planning & Zoning Director".
8. On Sheet 2, revise "Town Clerk" to read "Village Clerk-Treasurer".

c. Subject to all rules and requirements of Chapter 15 of the Kenosha County Sanitary Code and Private Sewage System Ordinance and SPS 383 and 385 of the Wisconsin Administrative Code. Complete soil and site evaluations have been conducted on each lot and where required by County Ordinance. The report is on file with the Kenosha County Department of Planning and Development. Any change in the location of the dispersal cell area must result in another soil and site evaluation by a licensed State of Wisconsin soil tester prior to changing the location of a prospective Private Onsite Wastewater Treatment Systems (POWTS). It is recommended that any desired change in the location of the dispersal cell be done prior to any transaction of property. All tested areas shall be protected and preserved by the developer and any subsequent owner from any disturbance which includes: cutting and filling of existing soil surface, compaction from vehicles, installation of roads and driveways, installation of stormwater devices and excavation for utilities. Destruction of a POWTS site may result in a parcel being unbuildable. None of these lots may have their dwellings served by holding tanks.

d. Subject to sending an electronic copy of the revised CSM showing the aforementioned changes to the Kenosha County Department of Planning and Development office to receive sign-off prior to the surveyor preparing the recordable CSM document for signatures. The county contact is Luke Godshall who can be contacted at the following e-mail address: luke.godshall@kenoshacounty.org.

e. No land division shall be recorded if any portion or part of the parent parcel has any unpaid taxes or outstanding special assessments without prior approval of the local and Kenosha County Treasurer.

f. Subject to the Certified Survey Map (CSM) being recorded with the Kenosha County Register of Deeds within twelve (12) months of receiving approval from the Somers Village Board.

7. It is the responsibility of the applicant to assure and guarantee that the above conditions are fully complied with. This includes, but is not necessarily limited to, meeting conditions established

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herein, providing any applicable letters of credit, providing and following approved plans, obtaining permits prior to construction, making improvements, participating in coordination meetings with governmental officials, following established time frames, meeting deadlines, and providing additional information where deemed necessary. Any unauthorized deviation from the approved plans and conditions shall result in the issuance of a citation and/or applicable stop work order by the Village of Somers or other applicable agencies until the conditional use permit is brought back into compliance. Continued violation of the conditions as set forth herein shall result in a recommendation for revocation of the Conditional Use Permit.

8. Any substantial change or expansion of the submitted plan of operation, i.e., the addition and/or expansion of events, structures and/or uses not included in the submitted application, shall require the applicant to reapply for a Conditional Use Permit to the Village of Somers for its review and approval.

9. If property ownership and/or tenant shall happen to change it shall be the responsibility of the person(s) that signed these conditions to notify new owner and/or tenant of all above stated conditions of approval.

10. It is the total responsibility of the petitioner to assure and guarantee that the above stated conditions are fully complied with. Any deviation from the approved plans and conditions shall result in the issuance of a citation and associated stop work order until the project is brought back into compliance. Continuance of the project shall result in a recommendation for revocation of the Conditional Use Permit.

11. Subject to necessary zoning and/or building permits being issued for any proposed structures including principal & accessory structures, signage, fences, etc.

Established 1843
Somers
VILLAGE & TOWN
www.somers.org
P.O. Box 197, Somers, WI 53171 • PH: (262) 859-2822 • FAX: (262) 859-2331

OWNER'S AUTHORIZATION

April 5, 2023

To: Village of Somers Plan Commission & Village Board of Trustees

RE: Property Address(es): Near 72nd Avenue & 1st Street, Somers, Wisconsin

Parcel ID(s): 82-4-222-041-0112

Be advised that the above referenced property is currently owned by **ROSSI INVESTMENTS, LLP**. As the owner of the above referenced Property, I give permission for **CT CLEAN – SOMERS, LLC**, to submit on my behalf, all necessary applications and related documentation for approval of the development for a CNG Fueling Station, inclusive of the re-zoning of the property from the Village of Somers, Kenosha, County, Wisconsin. Furthermore, **CT CLEAN – SOMERS, LLC**, is authorized to act on my behalf, at meetings with Village Staff, Plan Commission, Village Board Work Sessions, and Village Board Meetings.

Thank you,

Randall Rossi
Signature

4-12-23
Date

Randall Rossi
Printed Name

Its:

Contact Information:

Name: Randall Rossi

Phone: 262-945-1512

Email: randallrossi53@gmail.com

CNG Fueling Station
1st Street
Somers, WI

PROJECT SUMMARY

CTR is developing a network for Compressed Natural Gas ("CNG") truck fleet fueling stations across the United States to be leased exclusively to Clean Energy ("CLNE"). CLNE is the largest distributor of renewable natural gas fuel in North America, is publicly traded on the NASDAQ, and operates over 595 stations throughout the U.S. and Canada. CNG-fueled "Green Trucks" offer comparable or better emission benefits than electric trucks while providing the same range and power as diesel trucks. In developing fleet fueling facilities nationwide, CLNE's goal is to station these Green Trucks in key industrial hubs near regional warehouses, facilitating replacement of diesel fleet vehicles and promoting sustainability within the transportation industry.

The Project is intended to provide the location needed to support the operation of clean trucks. The Project will provide a location for fueling clean trucks with CNG and providing the accessory uses including minor vehicle maintenance, time fuel operations, and gated fleet parking. Fleet drivers will drive their personal vehicle to the Property parking within a fenced and gated area. The site shall accommodate both time-fill and fast-fill fueling of vehicles. By incorporating on-site parking for fleet drivers' personal vehicles, the site is designed to create a seamless process for drivers.

The facility will consist of a canopy and fueling pumps with Clean Energy branding for fast-fill fueling, and an adjacent private, fully secure parking lot to refuel and store the clean trucks operated by contracted trucking fleets. The fueling system connects to the standard natural gas line in the street and delivers natural gas through above ground compression equipment for dispensing fuel into a truck on demand. The natural gas pipeline is the same pipeline that now supplies gas to heat buildings and water in the immediate market area. The fueling component consists of a gas dryer connecting to the existing natural gas source lines, a compressor, modest above-ground buffer vessels, and fuel dispensing equipment. There will be no underground storage tanks.

More specifically, the facility will be both "Fast-Fill" and "Time-Fill". Fast-Fill refers to on-demand fuel dispensing similar to how gasoline or diesel fuel is dispensed to fuel a vehicle tank. The vehicle operator performs the fueling operation and fueling is completed in a matter of minutes. Time-Fill refers to fueling vehicles over a period of time while the vehicle is parked. For example, a truck cab that is parked between driver shifts can be gradually filled during that time. Using Time-Fill for CNG is a simple procedure, similar in concept to charging an electric vehicle. The operator of the vehicle connects to the Time-Fill dispensers when they return to the yard, the compressor begins operating

and flowing CNG to the connected vehicles, and when the system determines that all vehicles are full, the system is complete.

The Time-Fill parking and dispensing facility will be fully secured through controlled card access that is tracked with a gate control system. The secured lot will be designated for CLNE fleet customers and will not be open to the public. From a daily operational standpoint, fleet drivers will arrive in their personal vehicles to start their shift and park their personal vehicles in the secured lot. Drivers will then take their truck out for their shift to do their job delivering product. After completing their shift, drivers will return their truck to the site and depart in their personal vehicles.

Traffic and Site Circulation: The Project is designed to accommodate easy movement of vehicles and trucks. Parked vehicles will be dispatched dynamically each day based on loads and delivery schedules. Driver shifts are determined as part of this dynamic scheduling, spreading arrivals, departures, and fueling throughout the day.

Clean Energy sells this clean fuel to customers who are purchasing an increasingly large number of CNG trucks for their sustainable trucking operations. This is the same product that fuels regional bus systems, airport shuttles, and refuse trucks. The environmental impacts are clear: less expensive for fleets, carbon neutral or carbon negative to the environment (zero environmental emission impact), 90% quieter than diesel engines, and it combines the cleanest fuel with the cleanest engines to cut carbon emissions. Cities (or other governmental jurisdictions) can use the environmental benefits to solve many regulatory mandates, which can be a win-win for an industry that is often blamed for all forms of pollution.

Clean Energy has over 595 stations that they own or operate throughout the U.S. and Canada in all sorts of locations and jurisdictions. They have an excellent safety track record in their almost 30-year history.

Requests: The following Village Board approvals are being requested for the proposed development:

- Certified Survey Map (Land Division) of 20 acres from property assigned with Tax Parcel #82-4-222-041-0112
- Rezoning from AE-1 (Agricultural Equestrian Cluster Single-Family District) to B-3 (Highway Business District)
- Conditional Uses to allow the following within the B-3 Zoning Distict:
    - Fueling Stations
    - Automotive Body Repair
    - Automotive Sales, Service, and Mechanical Repairs
- Site Plan Review

VILLAGE OF SOMERS
Department of Planning and Development

REZONING APPLICATION

(a) Property Owner's Name: (SEE ATTACHED AGENT LETTER)
CT Clean - Somers, LLC

Print Name: Carter Ewing (Managing Partner) Signature:

Mailing Address: 4343 Von Karman Avenue, Suite 200

City: Newport Beach State: CA Zip: 92660

Phone Number: (949) 431-6409 E-mail (optional): cewing@ctrinvestors.com

Note: Unless the property owner's signature can be obtained in the above space, a letter of agent status **signed** by the legal property owner **must** be submitted if you are a tenant, leaseholder, or authorized agent representing the legal owner, allowing you to act on their behalf.

(b) Agent's Name (if applicable):

Print Name: Bradley Hovanec Signature:

Business Name: CAGE Engineering, Inc.

Mailing Address: 2200 Cabot Drive, Suite 325

City: Lisle State: IL Zip: 60515

Phone Number: (260) 452-9613 E-mail (optional): bhovanec@cagecivil.com

(c) Tax key number(s) of property to be rezoned:
84-4-222-041-0112

Property Address of property to be rezoned:
Southwest Corner of C.T.H "KR" 1st Street and C.T.H. "EA" 72nd Avenue

(d) Proposed use (a statement of the type, extent, area, etc. of any development project):
Development of a Compressed Natural Gas (CNG) Fueling Station on a proposed 20 acre lot

(e) Check the box next to any and all of the **existing** zoning district classifications present on the subject property:

☐ A-1 Agricultural Preservation District	☐ B-1 Neighborhood Business District
☐ A-2 General Agricultural District	☐ B-2 Community Business District
☐ A-3 Agricultural Related Manufacturing, Warehousing and Marketing District	☐ B-3 Highway Business District
☐ A-4 Agricultural Land Holding District	☐ B-4 Planned Business District
☑ AE-1 Agricultural Equestrian Cluster Single-Family District	☐ B-5 Wholesale Trade and Warehousing District
☐ R-1 Rural Residential District	☐ BP-1 Business Park District
☐ R-2 Suburban Single-Family Residential District	☐ B-94 Interstate Highway 94 Special Use Business District
☐ R-3 Urban Single-Family Residential District	☐ M-1 Limited Manufacturing District
☐ R-4 Urban Single-Family Residential District	☐ M-2 Heavy Manufacturing District
☐ R-4.5 Urban Single-Family Residential District	☐ M-3 Mineral Extraction District
☐ R-5 Urban Single-Family Residential District	☐ M-4 Sanitary Landfill and Hazardous Waste Disposal District
☐ R-6 Urban Single-Family Residential District	☐ I-1 Institutional District
☐ R-7 Suburban Two-Family and Three-Family Residential District	☐ PR-1 Park-Recreational District
☐ R-8 Urban Two-Family Residential District	☐ C-1 Lowland Resource Conservancy District
☐ R-9 Multiple-Family Residential District	☐ C-2 Upland Resource Conservancy District
☐ R-10 Multiple-Family Residential District	☐ FPO Floodplain Overlay District
☐ R-11 Multiple-Family Residential District	☐ PUD Planned Unit Development Overlay District
☐ R-12 Mobile Home/Manufactured Home Park-Subdivision District	☐ AO Airport Overlay District
	☐ RC Rural Cluster Development Overlay District

(f) Check the box next to any and all of the **proposed** zoning district classifications proposed for the subject property:

☐ A-1 Agricultural Preservation District	☐ B-1 Neighborhood Business District
☐ A-2 General Agricultural District	☐ B-2 Community Business District
☐ A-3 Agricultural Related Manufacturing, Warehousing and Marketing District	☑ B-3 Highway Business District
☐ A-4 Agricultural Land Holding District	☐ B-4 Planned Business District
☐ AE-1 Agricultural Equestrian Cluster Single-Family District	☐ B-5 Wholesale Trade and Warehousing District
☐ R-1 Rural Residential District	☐ BP-1 Business Park District
☐ R-2 Suburban Single-Family Residential District	☐ B-94 Interstate Highway 94 Special Use Business District
☐ R-3 Urban Single-Family Residential District	☐ M-1 Limited Manufacturing District
☐ R-4 Urban Single-Family Residential District	☐ M-2 Heavy Manufacturing District
☐ R-4.5 Urban Single-Family Residential District	☐ M-3 Mineral Extraction District
☐ R-5 Urban Single-Family Residential District	☐ M-4 Sanitary Landfill and Hazardous Waste Disposal District
☐ R-6 Urban Single-Family Residential District	☐ I-1 Institutional District
☐ R-7 Suburban Two-Family and Three-Family Residential District	☐ PR-1 Park-Recreational District
☐ R-8 Urban Two-Family Residential District	☐ C-1 Lowland Resource Conservancy District
☐ R-9 Multiple-Family Residential District	☐ C-2 Upland Resource Conservancy District
☐ R-10 Multiple-Family Residential District	☐ FPO Floodplain Overlay District
☐ R-11 Multiple-Family Residential District	☐ PUD Planned Unit Development Overlay District
☐ R-12 Mobile Home/Manufactured Home Park-Subdivision District	☐ AO Airport Overlay District
	RC Rural Cluster Development Overlay District

(g) Your request must be consistent with the existing planned land use category as shown on Map 65 of the adopted "Multi-Jurisdictional Comprehensive Plan for Kenosha County: 2035".

The existing planned land use category for the subject property is:

☑ Farmland Protection	☐ Governmental and Institutional
☐ General Agricultural and Open Land	☐ Park and Recreational
☐ Rural-Density Residential	☐ Street and Highway Right-of-Way
☐ Agricultural and Rural Density Residential	☐ Other Transportation, Communication, and Utility
☐ Suburban-Density Residential	☐ Extractive
☐ Medium-Density Residential	☐ Landfill
☐ High-Density Residential	☐ Primary Environmental Corridor
☐ Mixed Use	☐ Secondary Environmental Corridor
☐ Commercial	☐ Isolated Natural Resource Area
☐ Office/Professional Services	☐ Other Conservancy Land to be Preserved
☐ Industrial	☐ Nonfarmed Wetland
☐ Business/Industrial Park	☐ Surface Water

(h) Attach a plot plan or survey plat of property to be rezoned (showing location, dimensions, zoning of adjacent properties, existing uses and buildings of adjacent properties, floodways and floodplains)—drawn to scale.

(i) The Village of Somers Department of Planning and Development may ask for additional information.

(j) The name of the County Supervisor of the district wherein the property is located (District Map):

Supervisory District Number: 15 County Board Supervisor: Dave Geertsen

(k) The fee specified in Section 12.05-8 of this ordinance.

Request for Rezoning Petition (payable to "Kenosha County").....$1,450.00

(For other fees see the Fee Schedule)

Note: Agricultural Use Conversion Charge

The use value assessment system values agricultural land based on the income that would be generated from its rental for agricultural use rather than its fair market value. When a person converts agricultural land to a non-agricultural use (e.g. residential or commercial development), that person may owe a conversion charge. To obtain more information about the use value law or conversion charge, contact the Wisconsin Department of Revenue's Equalization Section at 608-266-2149 or visit http://www.revenue.wi.gov/faqs/slf/useassmt.html.

Note that the act of rezoning property from an agricultural zoning district to a non-agricultural zoning district does not necessarily trigger the agricultural use conversion charge. It is when the use of the property changes from agricultural that the conversion charge is assessed.

VILLAGE OF SOMERS
Department of Planning & Development

CONDITIONAL USE PERMIT APPLICATION

(a) Property Owner's Name: (SEE ATTACHED AGENT LETTER)

CT Clean - Somers, LLC

Print Name: Carter Ewing (Managing Partner) Signature:

Mailing Address: 4343 Von Karman Avenue, Suite 200

City: Newport Beach State: CA Zip: 92660

Phone Number: (949) 431-6409 E-mail (optional): cewing@ctrinvestors.com

Note: Unless the property owner's signature can be obtained in the above space, a letter of agent status signed by the legal property owner must be submitted if you are a tenant, leaseholder, or authorized agent representing the legal owner, allowing you to act on their behalf.

(b) Agent's Name (if applicable):

Print Name: Bradley Hovanec Signature:

Business Name: CAGE Engineering, Inc.

Mailing Address: 2200 Cabot Drive, Suite 325

City: Lisle State: IL Zip: 60515

Phone Number: (260) 452-9613 E-mail (optional): bhovanec@cagecivil.com

(c) Architect's Name (if applicable):

Print Name: Brian Guz Signature:

Business Name: Fitzgerald + Associates

Mailing Address: 3900 N. Santa Fe Ave.

City: Oklahoma City State: OK Zip: 73118

Phone Number: (405) 521-8999 E-mail (optional): bguz@fitzarch.com

(d) Engineer's Name (if applicable):

Print Name: Greg Horejs Signature:

Business Name: CAGE Engineering, Inc.

Mailing Address: 2200 Cabot Drive, Suite 325

City: Lisle State: IL Zip: 60515

Phone Number: (630) 598-0007 E-mail (optional): ghorejs@cagecivil.com

(e) Tax key number(s) of subject site:

84-4-222-041-0112

Address of the subject site:

Southwest Corner of C.T.H "KR" 1st Street and C.T.H. "EA" 72nd Avenue

(f) Plan of Operation (or attach separate plan of operation)

Type of structure:

It will be Type IIB Unprotected Noncombustible construction composed of a Pre-Engineered Metal Building (PEMB) with a masonry veneer. The roof is a trapezoidal standing seam metal roof at 1:12 pitch with gutters and downspouts. We will use PEMB building insulation with a vinyl liner to meet the energy code. The structure is a multi-use building that will provide truck service bays, offices, restrooms and storage facilities.

A fast fill canopy and time fill hookups are also included with associated equipment compound area.

Proposed operation or use of the structure or site:

Truck Service Bays - Trucks will receive minor servicing in the service bays. Servicing will be provided by a contracted maintenance service provider. Servicing includes minor services that keep the truck running safely and reliably. Typical services include periodic safety inspections, wiper replacement, tire servicing and replacement, oil changes, and other routine preventive maintenance. Heavy repairs and services will be performed at an offsite third-party facility such as a truck dealer.

Storage - Storage is an indoor area in the structure. The storage area is for the materials and consumables used in the service bays for the minor servicing work.

Offices - Offices are used by the operators of the trucking companies that are contracted to occupy the site. The office area will include private offices, breakroom, and meeting area. The meeting area will be used for driver training and meetings.

A fast fill canopy and time fill hookups are also included with associated equipment compound area.

Number of employees (by shift): People working in the offices can range from 2 to 10. People working in the services bays can range from 2 to 8. The remainder of the site will be utilized by transients utilizing the fast fill canopy and time fill hookups in addition to the box truck parking spaces

Hours of Operation: The facility can operate 24/7

Any outdoor entertainment? If so, please explain: No

Any outdoor storage? If so, please explain: No

Zoning district of the property: AE Currently, B-3 Proposed

(g) Attach a plat of survey prepared by a professional land surveyor or site plan drawn to scale and approved by the Kenosha County Department of Planning & Development showing all of the information required under section 12.05-1(h)3 for a zoning permit. In addition, the plat of survey or site plan layout shall show the location, elevation and use of any abutting lands and the location and foundation elevations of structures within 50 feet of the subject site; soil mapping unit lines; ordinary high water mark, historic high water marks and floodlands on or within 50 feet of the subject premises, existing and proposed gravel, asphalt and concrete surfaces, existing and proposed signage, existing and proposed buildings, and existing and proposed landscaping.

For conditional use permit applications that are made within shoreland and floodland areas, such description shall also include information that is necessary for the Village Plan Commission to determine whether the proposed development will hamper flood flows, impair floodplain storage capacity, or cause danger to human, animal or aquatic life. This additional information may include plans, certified by a registered professional engineer or professional surveyor, showing existing and proposed elevations or contours of the ground; fill or storage elevation; basement and first floor elevations of structures; size, location, and spatial arrangement of all existing and proposed structures on the site; location and elevation of streets water supply and sanitary facilities; aerial photographs, and photographs showing existing surrounding land uses and vegetation upstream and downstream; soil types and any other pertinent information required by either the Village of Somers Planning & Development office, Village Plan Commission or Village Board:

(h) The Kenosha County Department of Planning & Development may ask for additional information.

(i) The fee specified in Section 12.05-8 of this ordinance.

Request for Conditional Use Permit (payable to “Kenosha County”) $1,350.00

(For other fees see the Fee Schedule)

Clean Truck Hub Program

Cleaning & Decarbonizing Truck Transportation

Proposed Clean Truck Hub
Agenda

I. Introduction – About Us

II. Clean Truck Hub Project

III. Site Operations

IV. Site Plan & Rendering

V. Contact Information

Proposed Clean Truck Hub
Who We Are – CT Realty

CT Realty ("CTR") is a national real estate investment and development company headquartered in Newport Beach, CA.

CTR is developing a network of Clean Truck Hubs across the United States with Clean Energy Fuels ("CLNE"). CTR will acquire and develop the real estate and be the lessor. CLNE will be the lessee and operator.

Since 1994, CTR has partnered with some of the largest institutions and global investors to acquire, develop, and manage over $8 billion in industrial logistics properties across the U.S., and is well suited to deliver these unique sites to our tenant.

For more information on CTR, please visit their website: www.ctrinvestors.com.

Proposed Clean Truck Hub
Who We Are - Clean Energy

Clean Energy is decarbonizing trucking in America.

Clean Energy is the nation's largest marketer of renewable natural gas (RNG), which is the cleanest and lowest carbon fuel available for trucking. Clean Energy has been in business over 20 years and is publicly traded (NASDAQ: CLNE). RNG dispensed as CNG provides an affordable solution that is available today for meeting sustainability goals.

For more information on CLNE, please visit: www.cleanenergyfuels.com

560+ Stations throughout the U.S. and Canada

Blue chip customer base

amazon

WM WASTE MANAGEMENT

ups

Leading RNG player in the US

Partnerships with global energy leaders

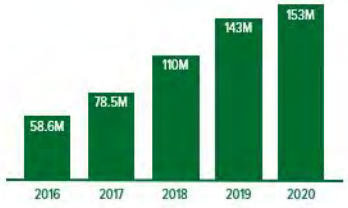
Chevron

bp

TotalEnergies

Environmental credit leader

Growing RNG fuel volumes



Proposed Clean Truck Hub
The National Plan

Corporate America is working hard to transition to low-carbon sustainable transportation. Clean trucking powered by RNG plays a key role in this decarbonization. How to get there is a challenge.

Clean Truck Hubs provide the home base needed for clean trucks to enter the market and replace the diesel trucks that deliver goods today. Over the last 80+ years, diesel trucks have dominated the transportation industry and have a fully established network for services, fueling and parking. Alternative technologies entering the market, such as CNG, need similar infrastructure networks in order to displace diesel trucks.

Clean Truck Hubs are in key industrial areas proximate to warehouses and highway system.

Clean Truck Hubs will feature the amenities needed for a successful clean truck operation:

- Secure and controlled vehicle parking for a contracted anchor fleet(s)
- Vehicle fueling with renewable CNG
- Small office building
- Restrooms
- Servicing area
- Landscaping, fencing, access gates, lighting, cameras, and attractive aesthetics

Proposed Clean Truck Hub
RNG: Farm to Fuel

Farm
Organic waste is collected and taken to a digester.

Digester
The digester processes the waste and captures the biogas.

Upgrading
The biogas is purified into RNG and injected into the local pipeline.

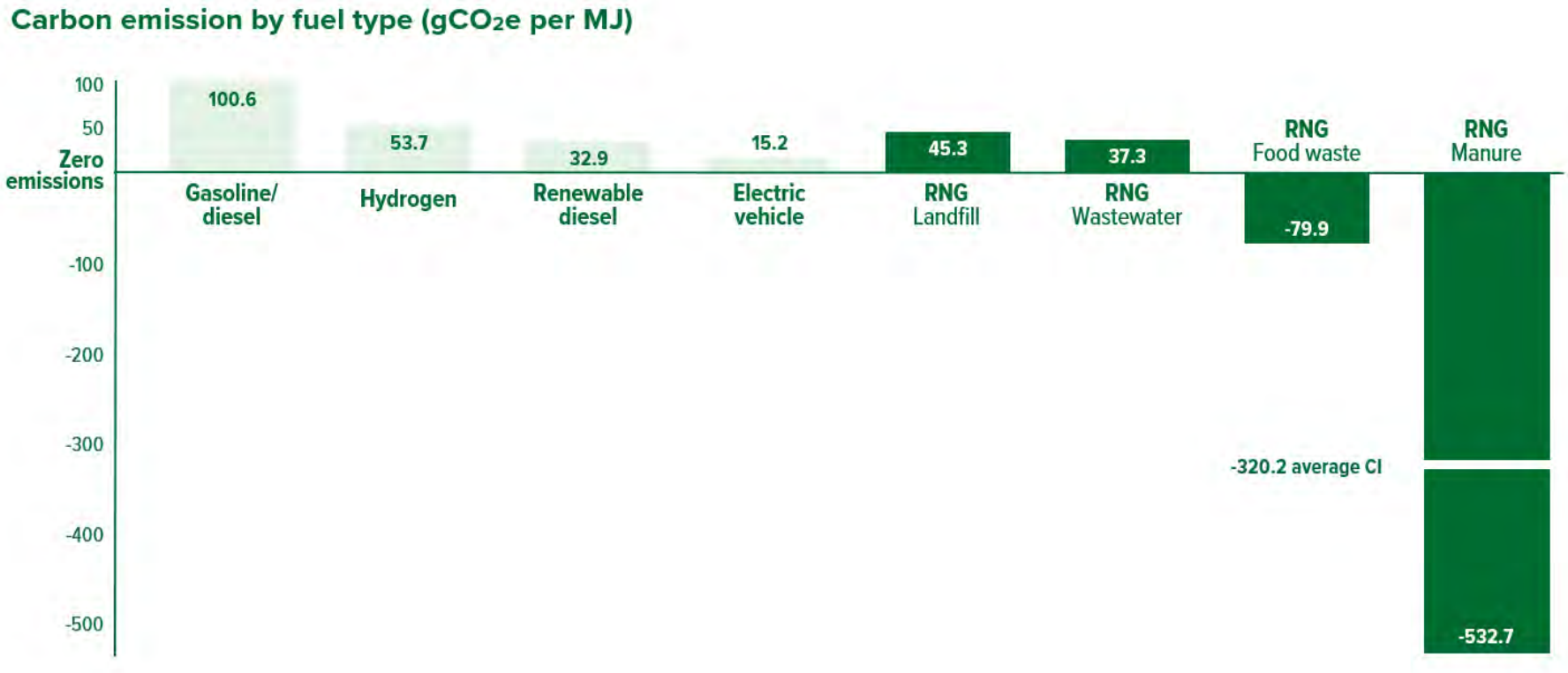
CE stations
CE distributes the RNG to our stations

The remaining digestate can be used as fertilizer and dry bedding for the farm.

Proposed Clean Truck Hub
RNG: Beyond Zero Emissions

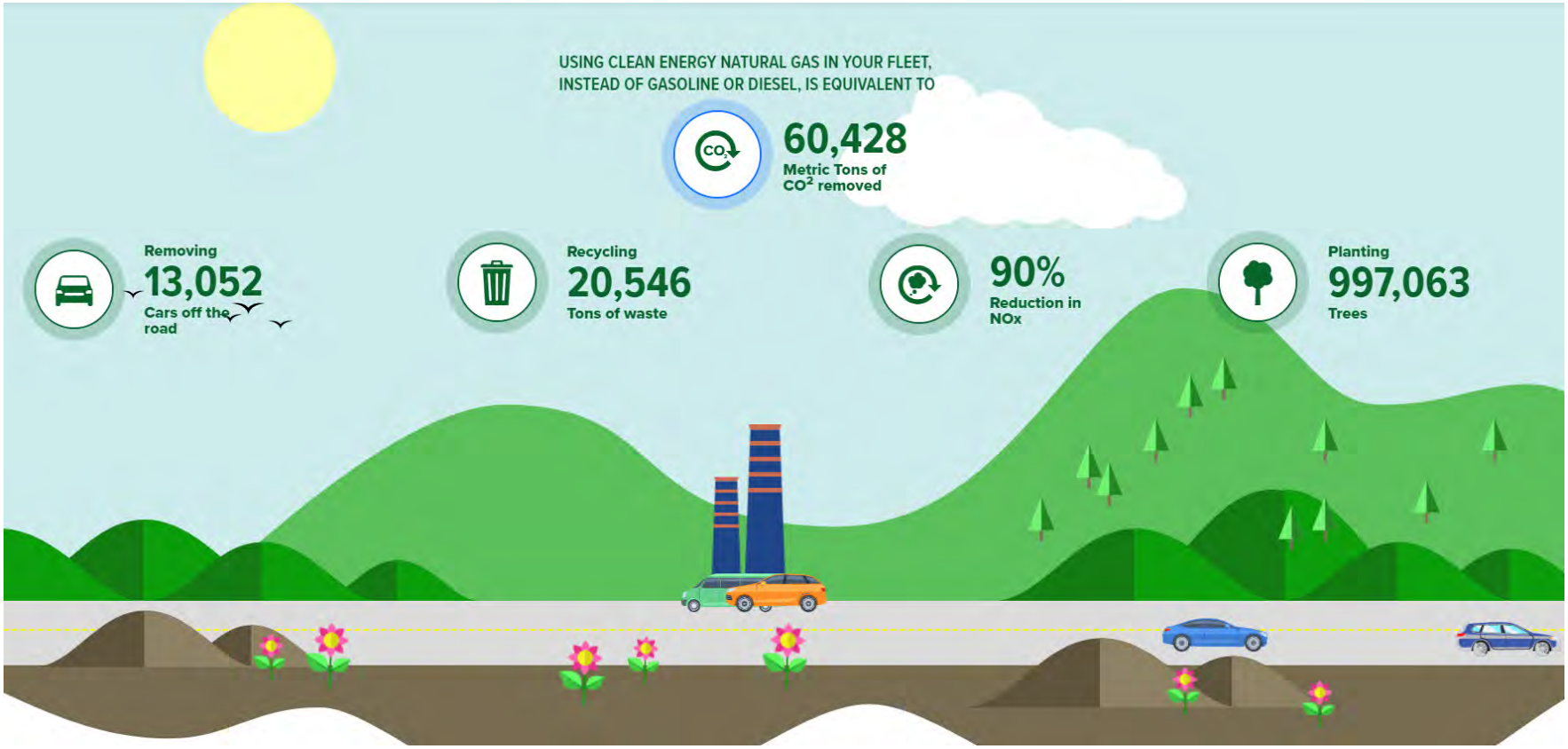
Clean Energy

CT



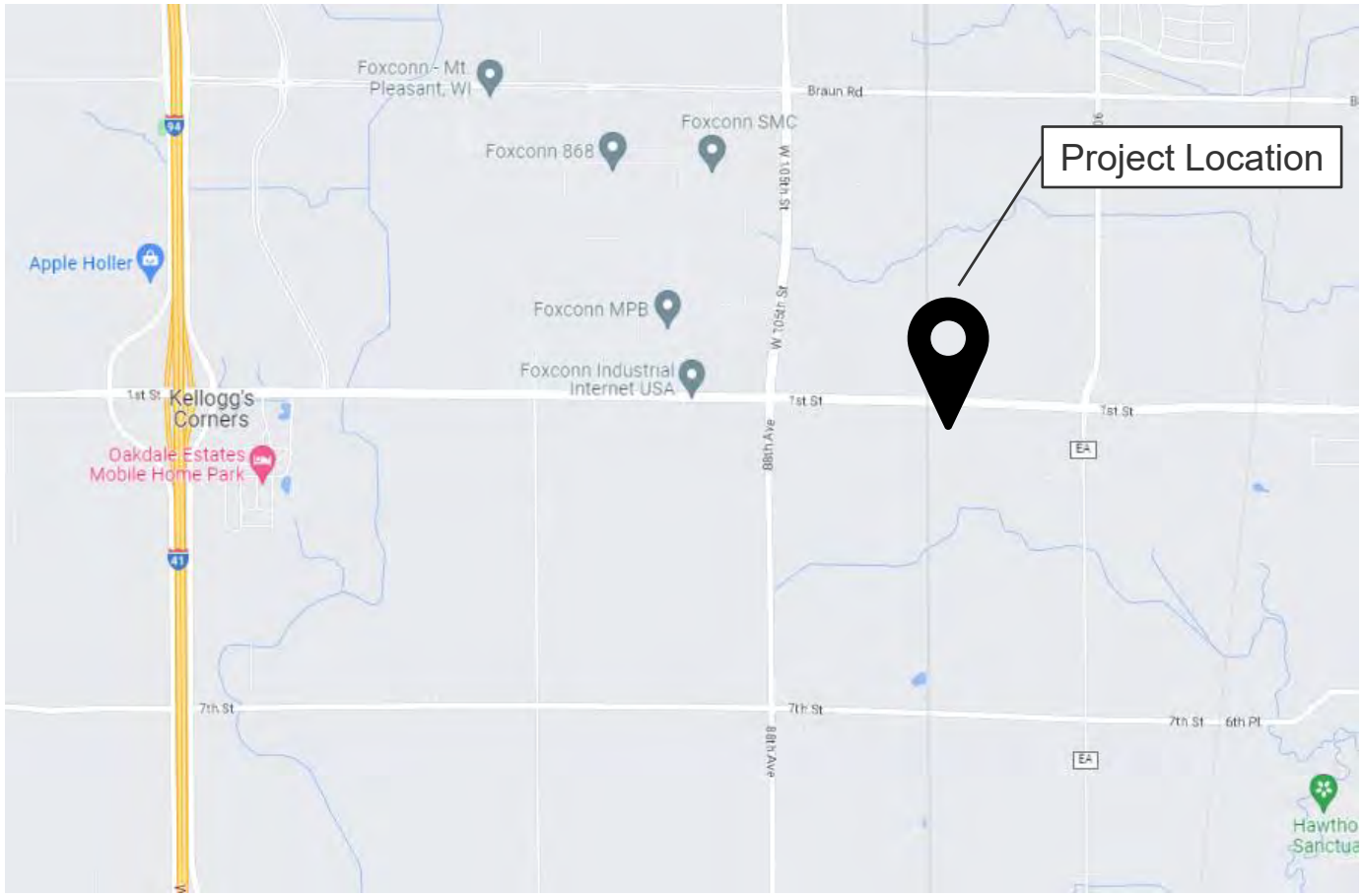
Source: California Air Resources Board, Q4 2020 LCFS data, and certified pathways as of May 11, 2021.

Proposed Clean Truck Hub
RNG Environmental Benefits



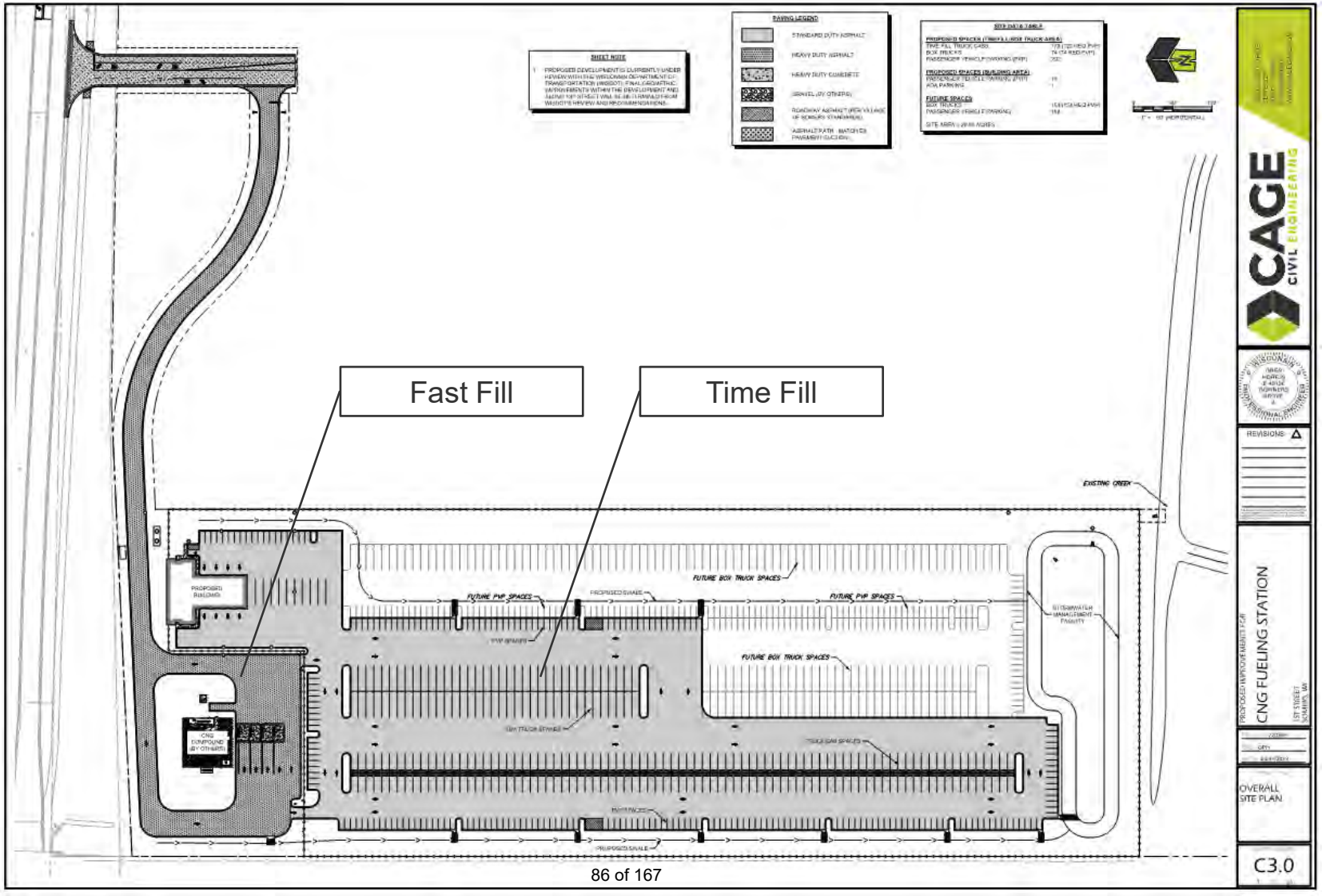
Example benefits of 100 clean RNG trucks

Proposed Clean Truck Hub
Project Location



Proposed Clean Truck Hub
Rendering

Proposed Clean Truck Hub
Conceptual Plan



Proposed Clean Truck Hub
Types of Fueling Operations

Private Area Time-Fill

- ❑ Anchor fleet truck cabs and/or box trucks park in a secured private parking area.
- ❑ Trucks can be fueled with CNG over the time that the trucks are parked (similar to charging an electric car while the car is parked).
- ❑ Drivers enter secure fenced area, park personal vehicle, and dispatch with a truck for their shift. Drivers return after their shift and repeat the cycle.
- ❑ Time-fill area is for the exclusive use of the anchor tenant and is not open to any other commercial customers.

Commercial Fleet Fast-Fill

- ❑ Fast-fill area is located outside the private fenced area and is designated for use by Clean Energy's other commercial fleet customers.
- ❑ Fueling takes place over a matter of minutes, similar to normal truck fueling.
- ❑ Customers can include semi-trucks, box trucks, refuse trucks, municipal busses, and even cement mixers.

Proposed Clean Truck Hub
Safety Is Our Number 1 Priority

CLNE builds and maintains safe and reliable facilities for the customers and communities they serve. CNG stations are built according to codes from the National Fire Protection Association (NFPA) and local building codes. Approval of projects involves the key departments from the local jurisdiction including fire department and building department. Projects feature:

- Facilities are properly lit with security lighting.
- Security cameras are mounted around the facility.
- Equipment is protected inside locked security fencing.
- Equipment is monitored for faults by software that alerts the 24/7 operations center.
- Fire detection system automatically alerts and shuts down equipment.
- Customers can call the 24/7 operations center for assistance.
- Technicians are on call 24/7 for response to station issues.
- Emergency generators can run the facility if there is a loss of power to the site.

Natural gas is difficult to ignite in the open air because the exact combination of fuel, oxygen, and ignition are needed to accomplish in the open air (as opposed to a closed structure such as a building that traps the gas). Natural gas is lighter than air so if a leak occurs, the gas floats away and dissipates.

CNG stations have been safely built and operated for well over 30 years (Clean Energy has been in existence for over 20 years). This technology is not new and according to NGV America, there are over 2,000 natural gas fueling stations in the US. www.ngvamerica.org

Proposed Clean Truck Hub
Contact Information

Carter Ewing
CT Realty
Managing Partner
949-431-6409
cewing@ctrinvestors.com

Cole Moody
Senior Vice President, Acquisitions and Development
949-431-6414
cmoody@ctrinvestors.com

Chase Watson
Vice President, Acquisitions
949-431-6426
cjwatson@ctrinvestors.com

Greg Roche
Vice President
Clean Energy
949-437-1359
greg.roche@cleanenergyfuels.com

VILLAGE OF SOMERS
Department of Planning & Development

LAND DIVISION APPLICATION

In order for applications to be processed, all information, drawings, application signatures, and fees required shall be submitted at time of application.

Please check the appropriate box below for the type of application being submitted:

- [x] Certified Survey Map
- [ ] Subdivision Preliminary Plat
- [ ] Subdivision Final Plat
- [ ] Condominium Plat

Applicant is: [ ] Property Owner [x] Subdivider [ ] Other _____

Applicant Name: CT Clean - Somers, LLC Date 03/24/2023

Mailing Address: 4343 Von Karman Avenue, Suite 200 Phone # (949) 431-6409

Newport Beach, CA 92660 Phone # _____

Tax Parcel Number(s): 84-4-222-041-0112

_____ Acreage of Project: _____

Location of Property (including legal description):

Southwest Corner of C.T.H "KR" 1st Street and C.T.H. "EA" 72nd Avenue

Legal Description Included on CSM

Subdivision/Development Name (if applicable): _____

Existing Zoning: AE Proposed Zoning: B-3

CERTIFIED SURVEY MAP NO. _____

Part of the Northwest 1/4 of the Northeast 1/4 and the Southwest 1/4 of the Northeast 1/4, Section 4, Township 2 North, Range 22 East, in the Village of Somers, Kenosha County, Wisconsin.

▲ INDICATES FOUND MAG NAIL

△ INDICATES SET MAG NAIL

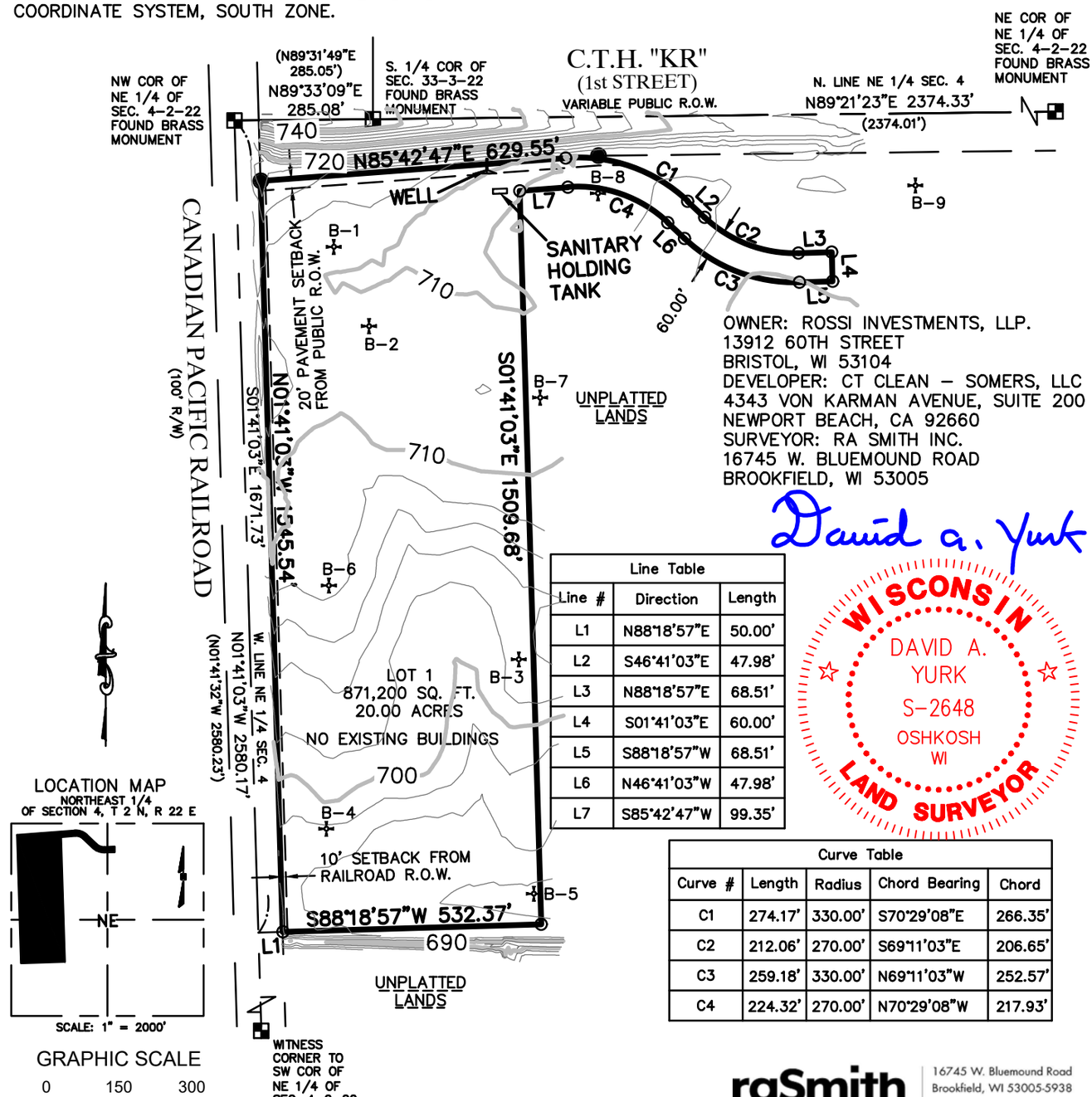
● INDICATES FOUND 1" IRON PIPE

○ INDICATES SET 1.315" O.D. IRON PIPE AT LEAST 18" IN LENGTH, 1.68 LBS. PER LINEAL FOOT.

✢ BORING

WELL

ALL DIMENSIONS SHOWN ARE MEASURED TO THE NEAREST HUNDREDTH OF A FOOT.
ALL BEARINGS ARE REFERENCED TO THE WEST LINE OF THE NE 1/4 OF SECTION 4, T 2 N, R 22 E, WHICH BEARS N01°41'03"E. WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE.



OWNER: ROSSI INVESTMENTS, LLP.
13912 60TH STREET
BRISTOL, WI 53104
DEVELOPER: CT CLEAN – SOMERS, LLC
4343 VON KARMAN AVENUE, SUITE 200
NEWPORT BEACH, CA 92660
SURVEYOR: RA SMITH INC.
16745 W. BLUEMOUND ROAD
BROOKFIELD, WI 53005

David a. Yurk

WISCONSIN
DAVID A. YURK
S-2648
OSHKOSH WI
LAND SURVEYOR

Line Table		
Line #	Direction	Length
L1	N88°18'57"E	50.00'
L2	S46°41'03"E	47.98'
L3	N88°18'57"E	68.51'
L4	S01°41'03"E	60.00'
L5	S88°18'57"W	68.51'
L6	N46°41'03"W	47.98'
L7	S85°42'47"W	99.35'

Curve Table				
Curve #	Length	Radius	Chord Bearing	Chord
C1	274.17'	330.00'	S70°29'08"E	266.35'
C2	212.06'	270.00'	S69°11'03"E	206.65'
C3	259.18'	330.00'	N69°11'03"W	252.57'
C4	224.32'	270.00'	N70°29'08"W	217.93'

LOCATION MAP
NORTHEAST 1/4 OF SECTION 4, T 2 N, R 22 E

SCALE: 1" = 2000'

GRAPHIC SCALE
0 150 300
(IN FEET)

raSmith
CREATIVITY BEYOND ENGINEERING
16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 781-1000
rasmith.com

S:\5168956\dwg\ CS110L200.dwg \ SHEET 1

S:\5168956\dwg\CS110L200.dwg, SHEET 1, 3/23/2023 3:31:12 PM, day

CERTIFIED SURVEY MAP NO. _____

A redivision of unplatted lands being a part of the Northwest 1/4 of the Northeast 1/4 and the Southwest 1/4 of the Northeast 1/4, Section 4, Township 2 North, Range 22 East, in the Village of Somers, Kenosha County, Wisconsin.

SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN }
:SS
KENOSHA COUNTY }

I, DAVID A. YURK, Professional Land Surveyor, do hereby certify:

THAT I have surveyed, divided, and mapped a redivision of unplatted lands being a part of the Northwest 1/4 of the Northeast 1/4 and the Southwest 1/4 of the Northeast 1/4, Section 4, Township 2 North, Range 22 East, in the Village of Somers, Kenosha County, Wisconsin, bounded and described as follows:

COMMENCING at the Northwest corner of the Northeast 1/4 of said Section 4; thence South 01°41'03" East along the West line of said Northeast 1/4 Section, 1671.73 feet to a point; thence North 88°18'57" East 50.00 feet to a point on the East line of the Canadian Pacific Railroad and the point of beginning; thence North 01°41'03" West along said East line, 1545.54 feet to a point on the South line of CTH KR; thence North 85°42'47" East along said South line, 629.55 feet to a point; thence Southeasterly 274.17 feet along the arc of a curve, whose center lies to the Southwest, whose radius is 330.00 feet and whose chord bears South 70°29'08" East 266.35 feet to a point; thence South 46°41'03" East 47.98 feet to a point; thence Southeasterly 212.06 feet along the arc of a curve, whose center lies to the Northeast, whose radius is 270.00 feet and whose chord bears South 69°11'03" East 206.65 feet to a point; thence North 88°18'57" East 68.51 feet to a point; thence South 01°41'03" East 60.00 feet to a point; thence South 88°18'57" West 68.51 feet to a point; thence Northwesterly 259.18 feet along the arc of a curve, whose center lies to the Northeast, whose radius is 330.00 feet and whose chord bears North 69°11'03" West 252.57 feet to a point; thence North 46°41'03" West 47.98 feet to a point; thence Northwesterly 224.32 feet along the arc of a curve, whose center lies to the Southwest, whose radius is 270.00 feet and whose chord bears North 70°29'08" West 217.93 feet to a point; thence South 85°42'47" West 99.35 feet to a point; thence South 01°41'03" East 1509.68 feet to a point; thence South 88°18'57" West 532.37 feet to the point of beginning.

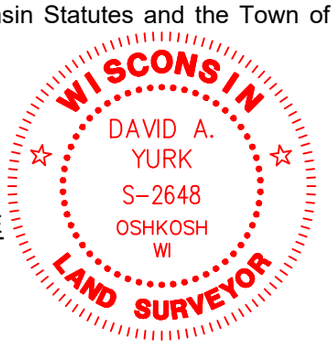
Containing 871,200 square feet or 20.00 acres.

THAT I have made such survey, land division and map by the direction of the owner.

THAT such map is a correct representation of all the exterior boundaries of the land surveyed and the land division thereof made.

THAT I have fully complied with the provisions of Chapter 236.34 of the Wisconsin Statutes and the Town of Eileen and Bayfield County in surveying, dividing, and mapping said lands.

David a. Yurk
DAVID A. YURK DATE: MARCH 17, 2023
PROFESSIONAL LAND SURVEYOR S-2648



VILLAGE OF SOMERS BOARD APPROVAL CERTIFICATE

The Village of Somers, do hereby APPROVE this Certified Survey Map on this _____ day of _____, 2023.

_____
First name Last name, Planning & Zoning Director

VILLAGE BOARD APPROVAL

_____ _____
Town Clerk Village Board President

raSmith
CREATIVITY BEYOND ENGINEERING
16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 781-1000
rasmith.com

THIS INSTRUMENT WAS DRAFTED BY DAVID A. YURK
PROFESSIONAL LAND SURVEYOR S-2648

SITE PLAN REVIEW CHECKLIST

Owner: CT Clean - Somers, LLC (SEE ATTACHED AGENT LETTER) Date 03/24/2023

Mailing Address: 4343 Von Karman Avenue, Suite 200 Phone # (949) 431-6409

Newport Beach, CA 92660 Phone #

Agent: CAGE Engineering, Inc. Phone # (260) 452-9613

Mailing Address: 2200 Cabot Drive, Suite 325 Phone #

Lisle, IL 60515

Architect/Engineer: CAGE Engineering, Inc. Phone # (260) 452-9613

Mailing Address: 2200 Cabot Drive, Suite 325 Phone #

Lisle, IL 60515

Tax Parcel Number(s): 84-4-222-041-0112 Acreage of Project: 20.00

Existing Zoning: AE Proposed Zoning: B-3

Conditional Use Permit:

Description of Project: (include the following when applicable):

Description of project: Conditional Use to Allow Fueling Stations, Conditional Use to Allow Automotive Body Repair,

Conditional Use to Allow Automotive sales, service, and mechanical repairs

Size of existing building(s): N/A

Size of new building(s) and/or addition(s): +/- 8,600 SF Service/Office Building, +/- 1,800 SF Fast Fill Canopy

Number of current and projected full-time and part-time employees, number of shifts:

People working in the offices can range from 2 to 10. People working in the services bays can range from 2 to 8.
The remainder of the site will be utilized by transients utilizing the fast fill canopy and time fill hookups in addition to the box truck parking spaces

Number of proposed units: Description of units:

Density:

☑ Plat of Survey Submitted:

☑ Covenants and Restrictions Submitted

A. BUILDING PLANS SUBMITTED? (BUILDING APPEARANCE)

- ☑ No building shall be permitted the design or exterior appearance of which is of such unorthodox or abnormal character in relation to its surroundings as to be unsightly or offensive to generally accepted taste and community standards.
- ☑ No building shall be permitted the design or exterior appearance of which is so identical with those adjoining as to create excessive monotony or drabness.
- ☑ No building shall be permitted where any exposed facade is not constructed or faced with a finished material which is aesthetically compatible with the other facades and presents an attractive appearance to the public and to surrounding properties.
- ☑ Building Scale and Mass. The relative proportion of a building to its neighboring buildings, to pedestrians and observers, or to other existing buildings shall be maintained or enhanced when new buildings are built or when existing buildings are remodeled or altered.
- ☑ Building Rooflines and Roof Shapes. The visual continuity of roofs and their contributing elements (parapet walls, coping, and cornices) shall be maintained in building development and redevelopment.
- ☑ Since the selection of building colors has a significant impact upon the public and neighboring properties, color shall be selected in general harmony with existing neighborhood buildings.
- ☑ No building or sign shall be permitted to be sited on the property in a manner which would unnecessarily destroy or substantially damage the natural beauty of the area, particularly insofar as it would adversely affect values incident to ownership of land in that area, or which would unnecessarily have an adverse effect on the beauty and general enjoyment of existing structures on adjoining properties.
- ☑ The facade of all buildings which face upon a street right-of-way shall be finished with an aesthetically pleasing material. A minimum of 50 percent of a facade facing an existing or future street shall be finished with a combination of brick, decorative masonry material, decorative pre-cast concrete panels, decorative glass panels, wood, or decorative metal or vinyl siding. Such finished material shall extend for a distance of at least 10 feet along the sides of the structure. All buildings on corner lots shall have the required finished facade facing each street.

B. SITE PLAN SUBMITTED?

- ☑ Building locations shall maintain required setbacks from property lines and road rights-of-way.
- ☑ Buildings and uses shall provide for safe traffic circulation and safe driveway locations.
- ☑ Buildings and uses shall be provided with adequate public services as approved by the appropriate utility.

☑ Buildings and uses shall provide adequate parking and loading areas. No loading dock or overhead doors shall face upon a street right-of-way without approval of the zoning administrator.

☑ Parking areas shall maintain required setbacks and parking spaces shall be of minimum required size (10' x 20'). Aisle widths within parking lots shall be a minimum of 24' between the ends of the parking spaces.

☑ Each parking space shall be on the same lot or parcel as the principal use, and all parking lots shall have the same zoning district as the principal use. Parking spaces and driveways shall be a minimum of 20 feet from the established highway right-of-way and a minimum of 10 feet from all rear and side lot lines. Curbs or barriers shall be installed so as to prevent vehicles from extending beyond designated parking or driving areas.

☑ Parking areas for five or more vehicles adjoining a residential use, shall be screened from such use by a solid wall, fence, evergreen planting of equivalent visual density or other effective means, and built and maintained at a minimum height of four feet at the time of planting or installation.

☑ Adequate access to a public or private roadway shall be provided for each parking space. For all non-residential properties, driveways for vehicular ingress and egress shall be a minimum of 10 feet in width and not exceed 35 feet in width at the property line.

☑ All off-street parking of more than five vehicles shall be graded and surfaced with asphalt or concrete.

C. LANDSCAPING AND LIGHTING PLAN SUBMITTED?

☑ Buildings and uses shall make appropriate use of open spaces. The zoning administrator or Village Board may require appropriate landscaping and planting screens. A landscaping maintenance program, together with appropriate assurances, shall be submitted.

☑ Dumpsters and other trash receptacles shall be fenced and/or screened from view from street rights-of-way and adjacent residential uses.

☑ Exterior lighting used for parking lots, recreation facilities, product display, and security shall not spill-over on operators of motor vehicles, pedestrians, and/or adjacent residential property (cut-off type luminaries only).

Appropriate buffers shall be provided between dissimilar uses.

D. SEWER VERIFICATION/SANITATION EVALUATION OR APPLICATION SUBMITTED?

E. UTILITY PLANS SUBMITTED?

F. STORMWATER DRAINAGE AND EROSION CONTROL PLAN SUBMITTED?

☑ Appropriate erosion control and stormwater management measures shall be utilized in all new development. Buildings and uses shall maintain existing topography, drainage patterns, and vegetative cover insofar as is practical. The zoning administrator or Village Board may require that drainage easements be executed.

IMPORTANT TELEPHONE NUMBERS

Kenosha County Center
Department of Planning & Development
19600 - 75th Street, Post Office, Suite 185-3
Bristol, Wisconsin 53104-9772

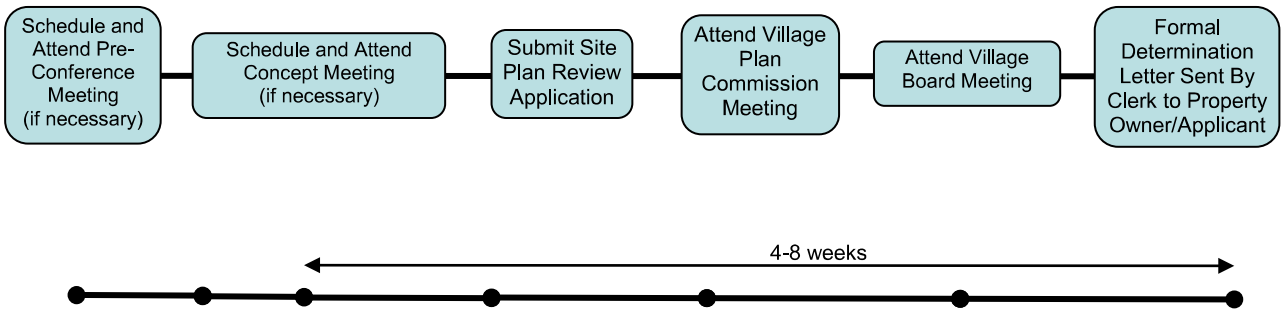
Division of County Development (including Sanitation & Land Conservation) **857-1895**
Facsimile # 857-1920

Public Works Division of Highways 857-1870

Administration Building
Division of Land Information 653-2622

Village of Somers 859-2822
Wisconsin Department of Natural Resources - Sturtevant Office 884-2300
Wisconsin Department of Transportation - Waukesha Office 548-8722

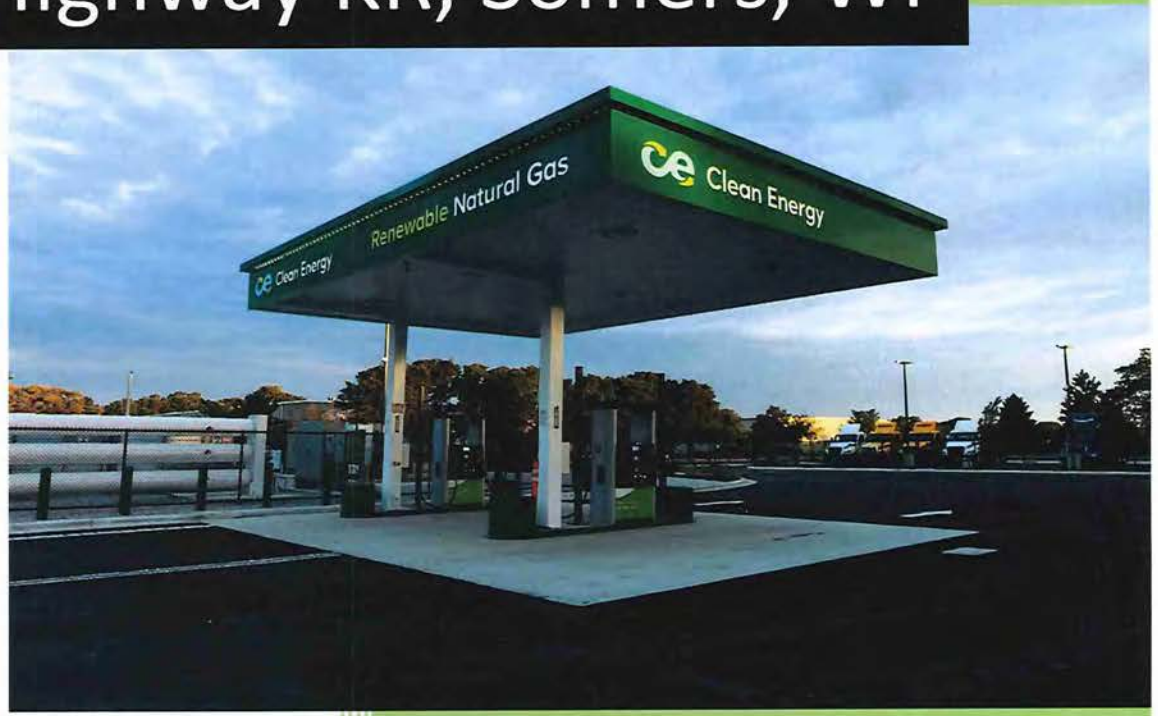
Site Plan Review Procedure Timeline

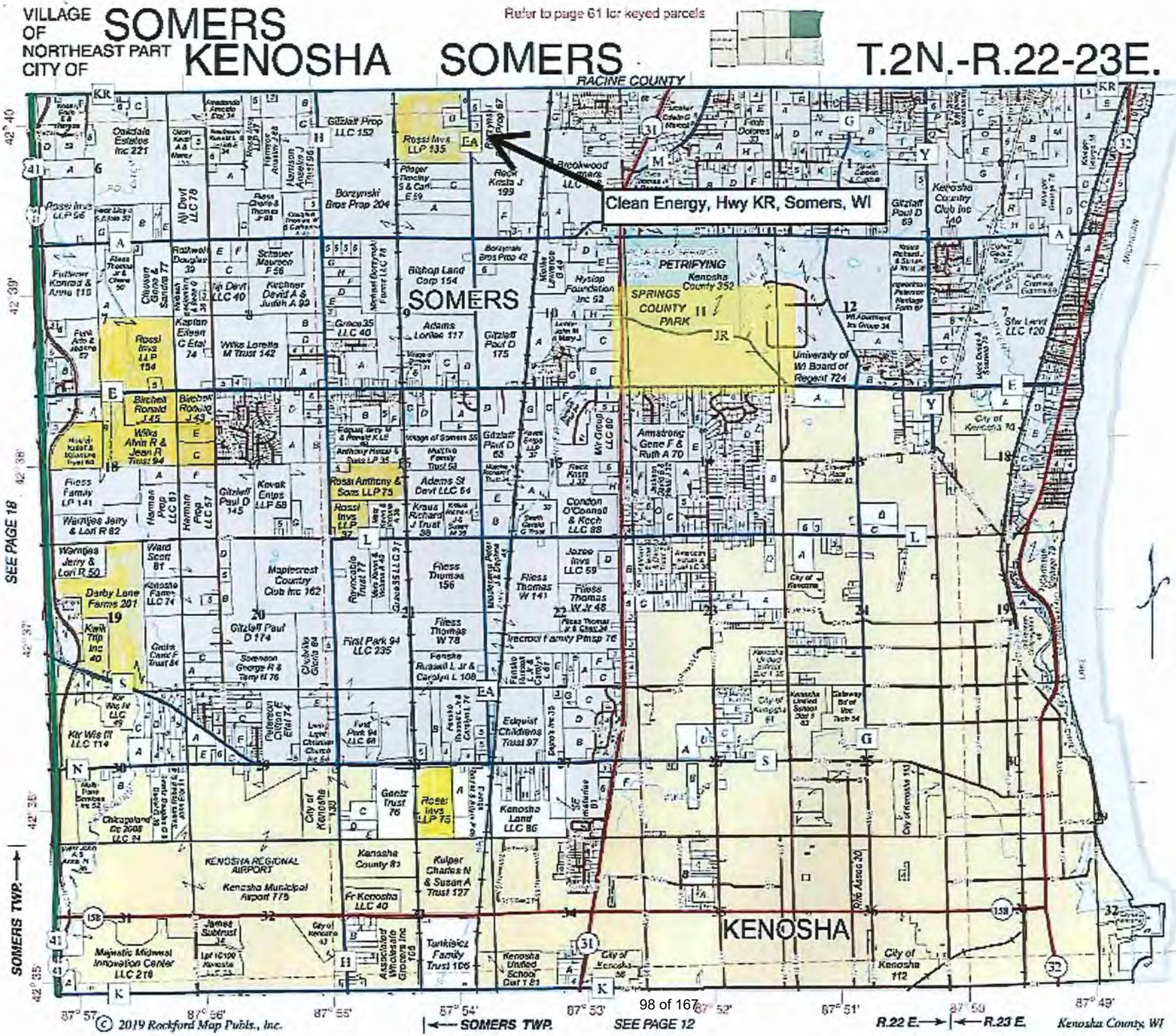


For Reference Purposes

Clean Energy

Highway KR, Somers, WI




VILLAGE OF NORTHEAST PART CITY OF SOMERS
KENOSHA
SOMERS
T.2N.-R.22-23E.
Refer to page 61 for keyed parcels
RACINE COUNTY
Clean Energy, Hwy KR, Somers, WI
SOMERS
KENOSHA
PETRIFYING SPRINGS COUNTY PARK
Kenosha County 352
SEE PAGE 18
SOMERS TWP.
SEE PAGE 12
R.22 E.
R.23 E.
Kenosha County, WI
© 2019 Rockford Map Publs., Inc.

1 COLOR SITE PLAN

SHEET SCALE 1"=60'
0' 30' 60' 120' 180'

2 6'-0" HT. VINYL CLAD CHAIN LINK FENCE DETAIL

NOT TO SCALE

3 TWIN RACK VEHICLE SLIDING GATE VARIED WIDTH

NOT TO SCALE

LG Workshop

SEAL

PROJECT TEAM

CIVIL ENGINEER:
CAGE

Clean Energy

CT

PROJECT NAME

CNG FUELING STATION

st Street,
Somers, Wisconsin

DRAWING ISSUED

NO. TITLE DATE

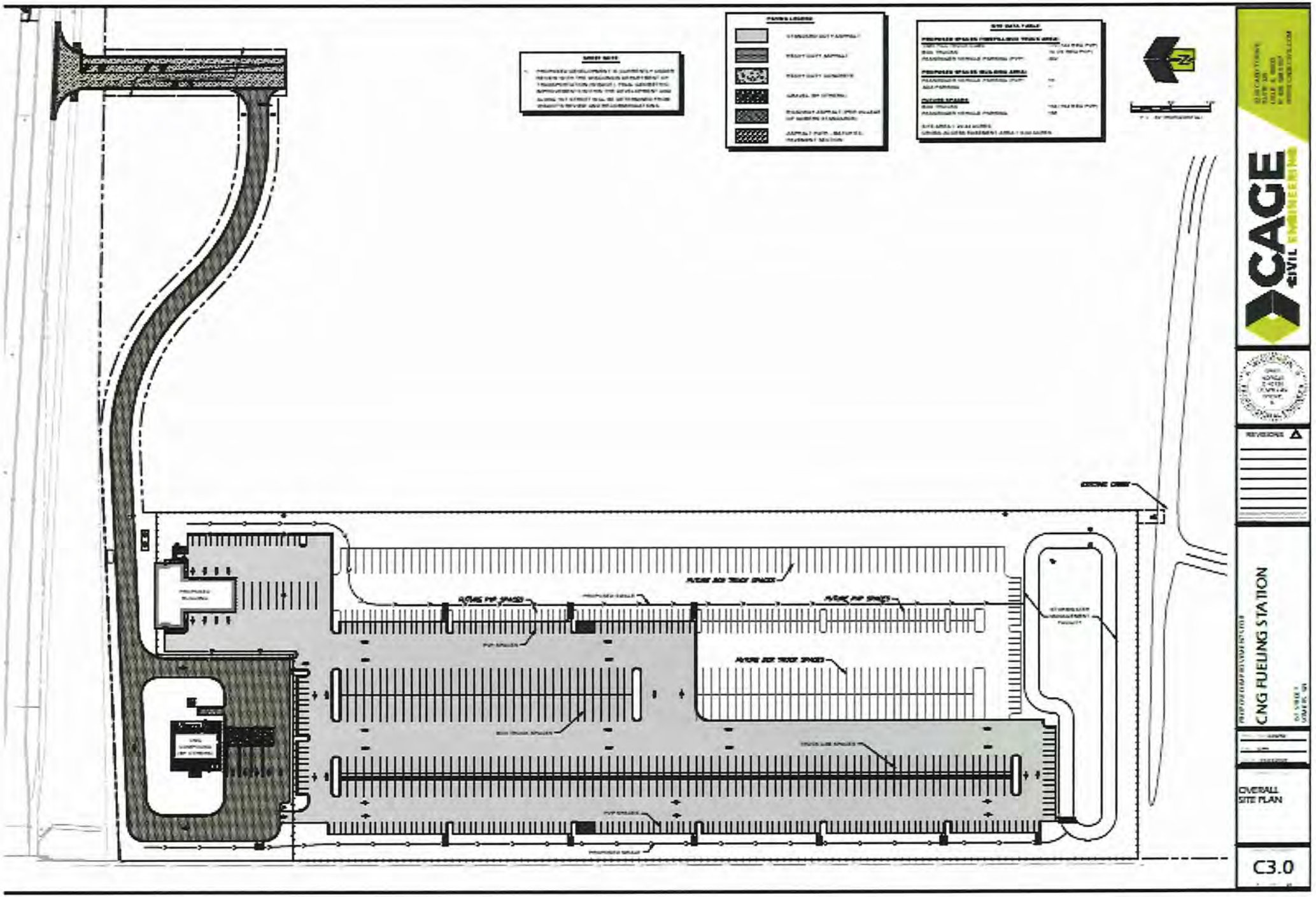
SET TYPE
LANDSCAPE PLANS

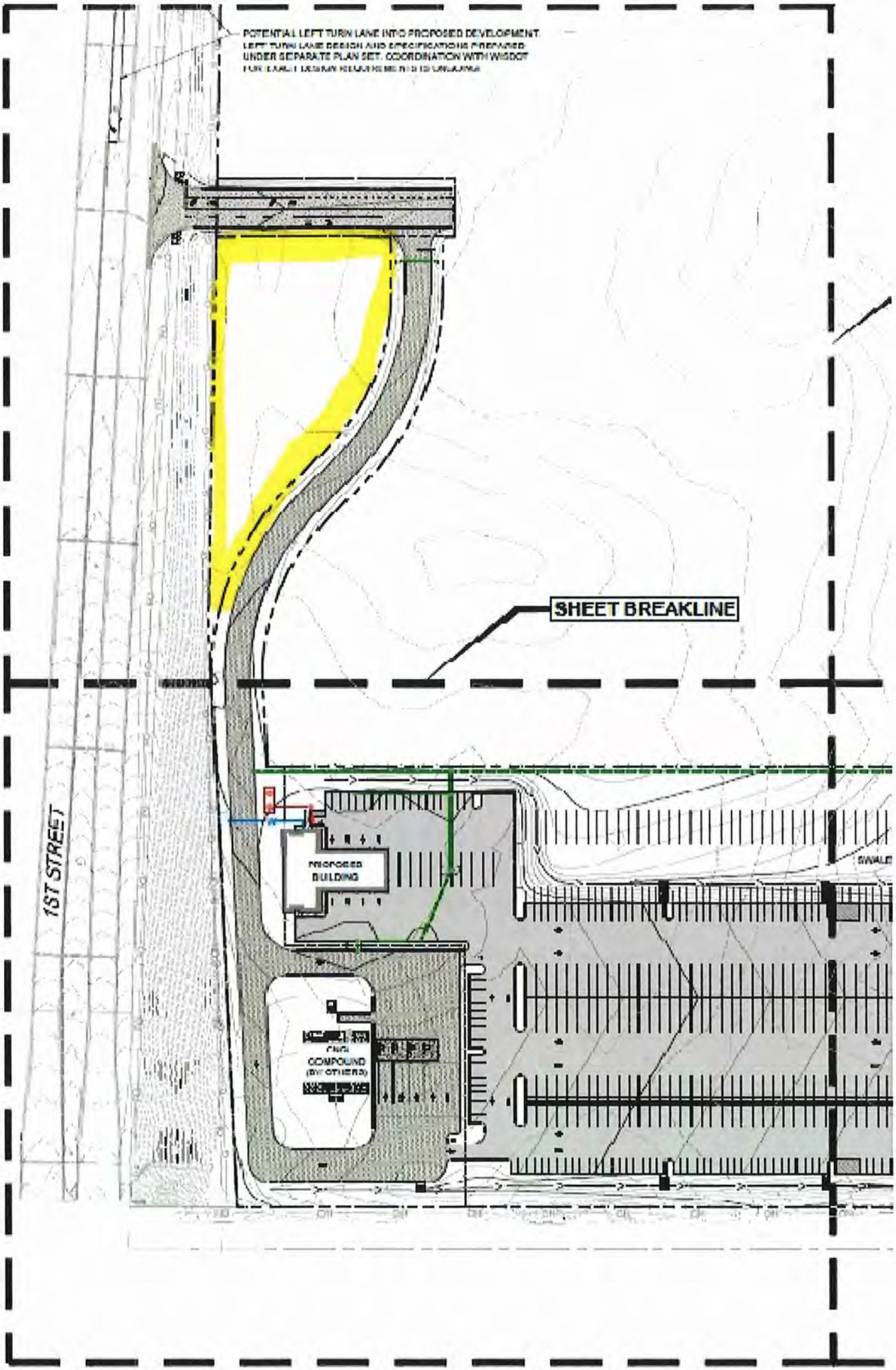
PROJECT NUMBER
2303035

DATE
09-20-2023
DRAWN BY: LCC APPROVED BY: LCC

SHEET TITLE
COLOR SITE PLAN

SHEET NUMBER
SP.1


CAGE
CIVIL ENGINEERING
CNG FUELING STATION
OVERALL SITE PLAN
C3.0


POTENTIAL LEFT TURN LANE INTO PROPOSED DEVELOPMENT
LEFT TURN LANE DESIGN AND SPECIFICATIONS PREPARED
UNDER SEPARATE PLAN SET. COORDINATION WITH WISDOT
SHEET BREAKLINE
1ST STREET
PROPOSED
BUILDING
SWALE
COMPOUND
(BY OTHERS)

1
2
3
4

Clean Energy
Renewable Natural Gas
Clean Energy

SHEET NOTE

1. PROPOSED DEVELOPMENT IS CURRENTLY UNDER REVIEW WITH THE WISCONSIN DEPARTMENT OF TRANSPORTATION (WISDOT). FINAL GEOMETRIC IMPROVEMENTS WITHIN THE DEVELOPMENT AND ALONG 1ST STREET WILL BE DETERMINED FROM WISDOT'S REVIEW AND RECOMMENDATIONS.

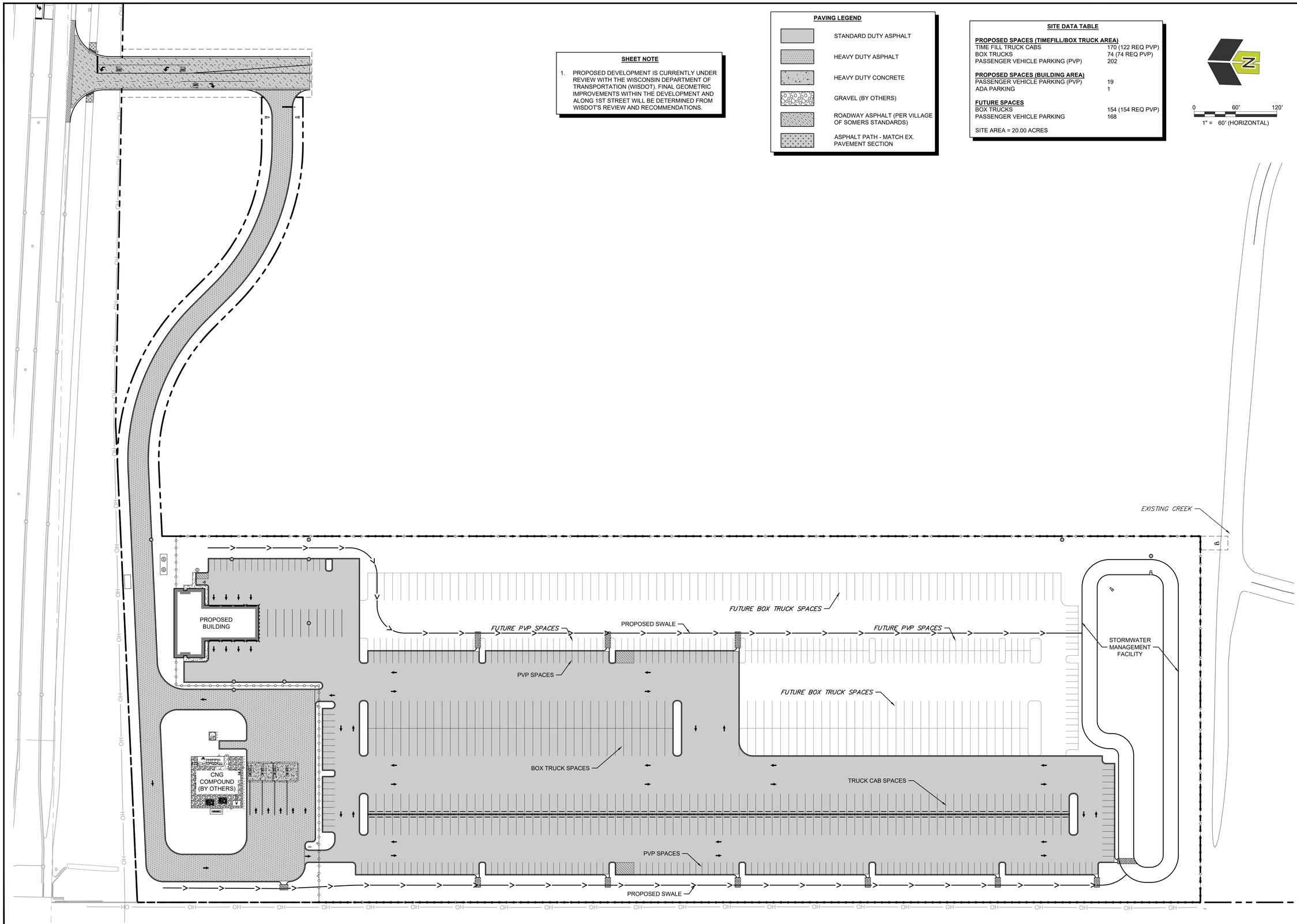
PAVING LEGEND

- STANDARD DUTY ASPHALT
- HEAVY DUTY ASPHALT
- HEAVY DUTY CONCRETE
- GRAVEL (BY OTHERS)
- ROADWAY ASPHALT (PER VILLAGE OF SOMERS STANDARDS)
- ASPHALT PATH - MATCH EX. PAVEMENT SECTION

SITE DATA TABLE

PROPOSED SPACES (TIMEFILL/BOX TRUCK AREA)	
TIME FILL TRUCK CABS	170 (122 REQ PVP)
BOX TRUCKS	74 (74 REQ PVP)
PASSENGER VEHICLE PARKING (PVP)	202
PROPOSED SPACES (BUILDING AREA)	
PASSENGER VEHICLE PARKING (PVP)	19
ADA PARKING	1
FUTURE SPACES	
BOX TRUCKS	154 (154 REQ PVP)
PASSENGER VEHICLE PARKING	168
SITE AREA = 20.00 ACRES	

0 60' 120'
1" = 60' (HORIZONTAL)



2200 CABOT DRIVE
SUITE 325
LISLE, IL 60532
P: 630.596.0007
WWW.CAGECIVIL.COM

CAGE CIVIL ENGINEERING

WISCONSIN
GREG HOREJS
E-45136
DOWNERS GROVE, IL
PROFESSIONAL ENGINEER

REVISIONS

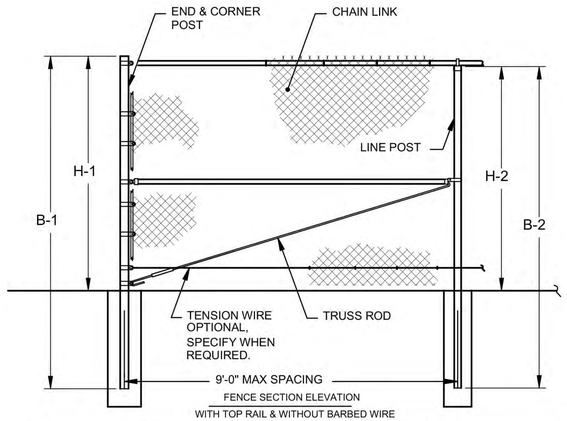
THIS DESIGN AND THESE DRAWINGS ARE THE PROPERTY OF CAGE ENGINEERING, INC. NO PART OF THIS WORK MAY BE REPRODUCED WITHOUT PRIOR WRITTEN PERMISSION FROM CAGE ENGINEERING, INC.

PROPOSED IMPROVEMENTS FOR
CNG FUELING STATION
1ST STREET
SOMERS, WI

PROJ NO: 220259
ENG : GPH
DATE : 03/24/2023

SHEET TITLE
OVERALL SITE PLAN

SHEET NUMBER
C3.0
7 OF 23



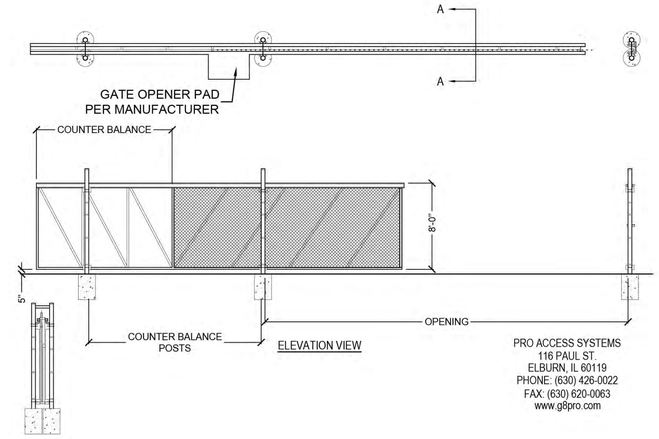
FENCE SECTION ELEVATION
WITH TOP RAIL & WITHOUT BARBED WIRE

FENCE HEIGHT	END & CORNER POSTS		LINE POSTS	
NOMINAL HEIGHT	B-1 BAR LENGTH	H-1 HEIGHT ABOVE GRADE	B-2 BAR LENGTH	H-2 HEIGHT ABOVE GRADE
8'-0"	12'-0"	8'-0"	12'-0"	7'-8 7/8"

NOTES:
1. THIS DWG CORRESPONDS WITH DWGS 1-1110 & 1-1130.
2. SPECIFICATIONS SHOWN CAN BE CHANGED BY MASTER HALCO ONLY.
3. COLOR TO BE BLACK.

2 8'-0" HT. VINYL CLAD CHAIN LINK FENCE DETAIL

NOT TO SCALE

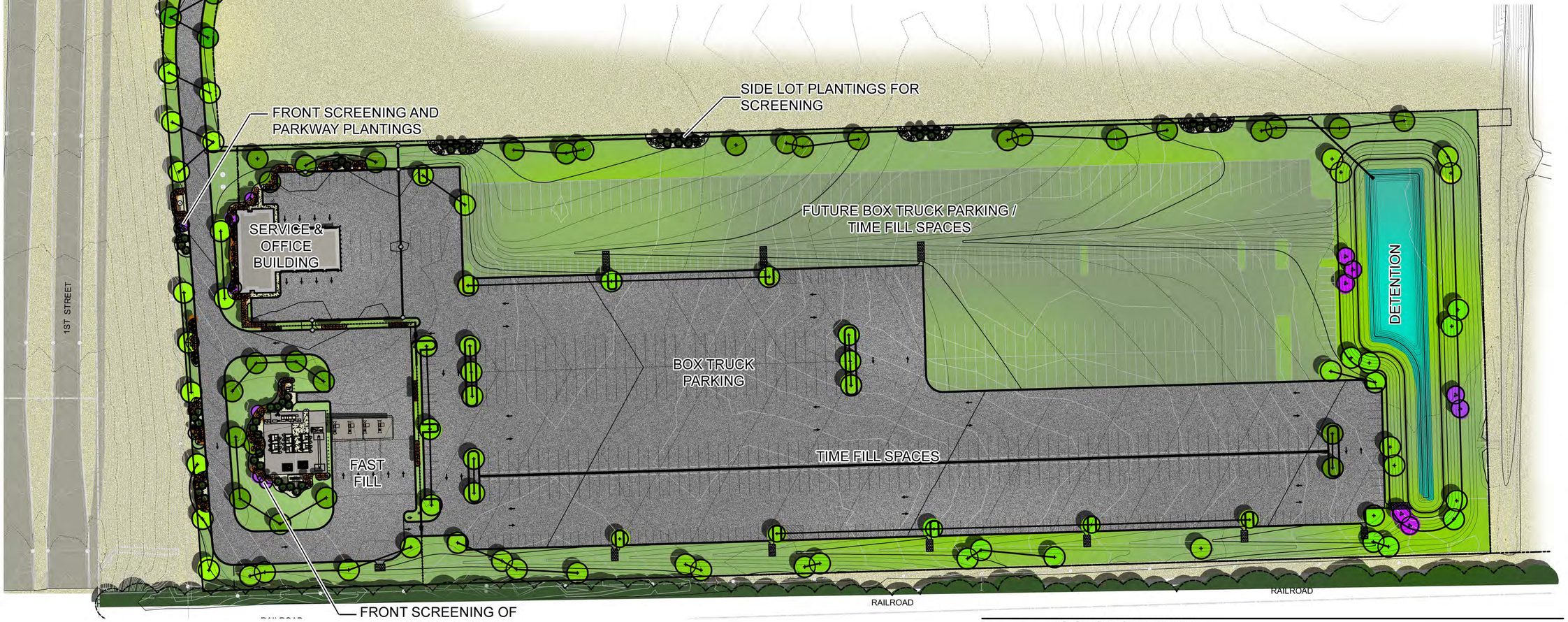


ELEVATION VIEW

SECTION A-A

3 TWIN TRACK VEHICLE SLIDING GATE VARIED WIDTH

NOT TO SCALE



1 COLOR SITE PLAN

SHEET SCALE 1"=60'
0' 30' 60' 120' 180'

LG Workshop, LLC
Landscape Architecture
Site Planning
Illustration
1955 N. Wilmot Avenue
Chicago, IL 60647
ph. 773.697.4388
www.LGWLA.com

SEAL

PROJECT TEAM

CIVIL ENGINEER:

PRO ACCESS SYSTEMS
116 PAUL ST.
ELBURN, IL 60119
PHONE: (630) 426-0022
FAX: (630) 620-0063
www.g8pro.com

PROJECT NAME

CNG FUELING STATION

1st Street,
Somers, Wisconsin

DRAWING ISSUED

NO.	TITLE	DATE
1.	Issued for Permit	03/23/2023

SET TYPE
LANDSCAPE PLANS

PROJECT NUMBER
2303035

DATE
03-22-2023

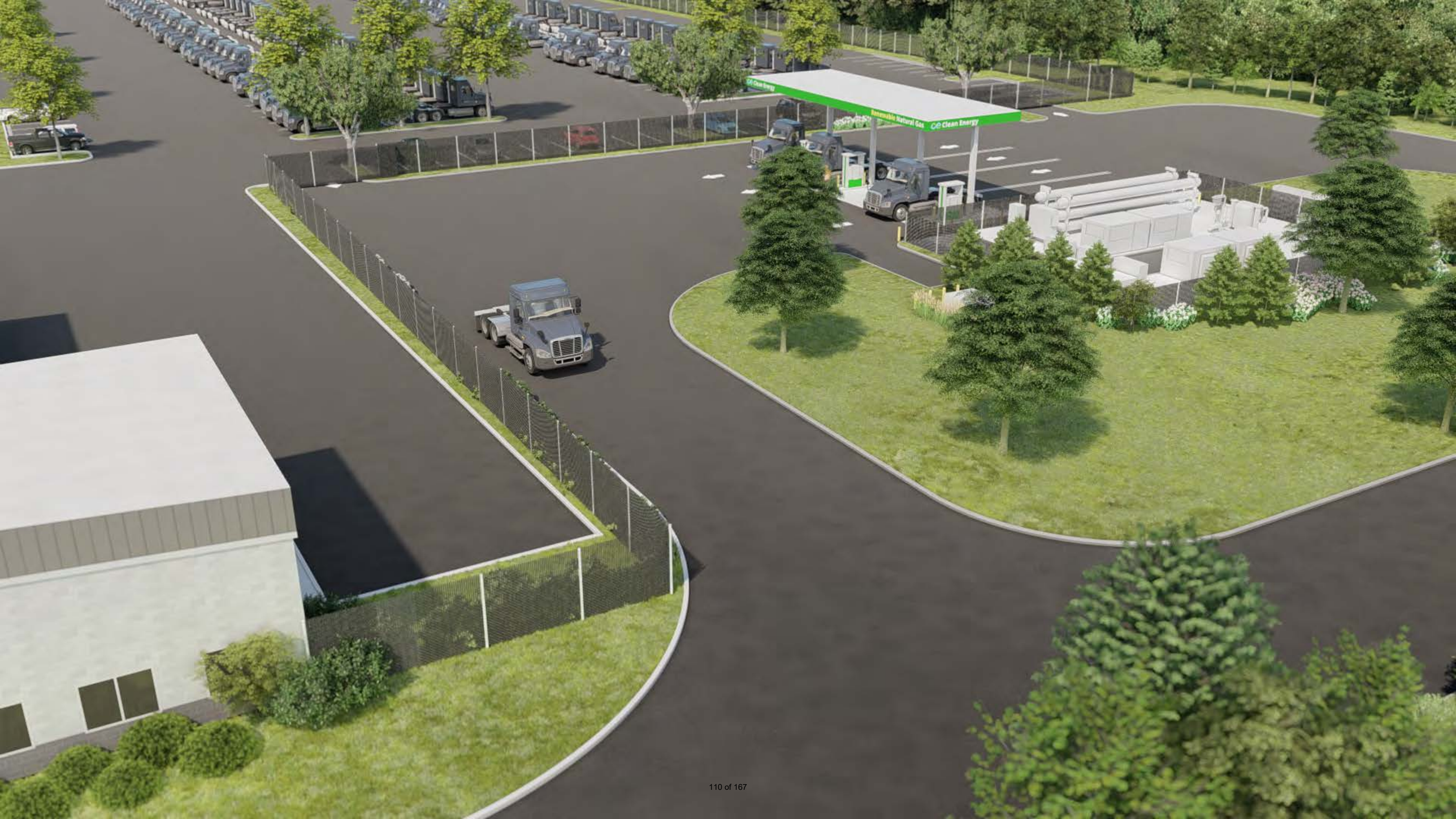
DRAWN BY:	APPROVED BY:
LCG	LCG

SHEET TITLE
COLOR SITE PLAN

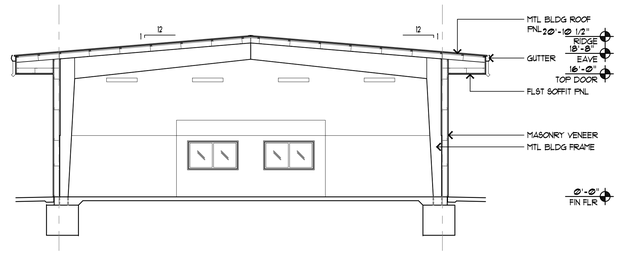
SHEET NUMBER
SP.1

Renewable Natural Gas
Clean Energy

Renewable Natural Gas

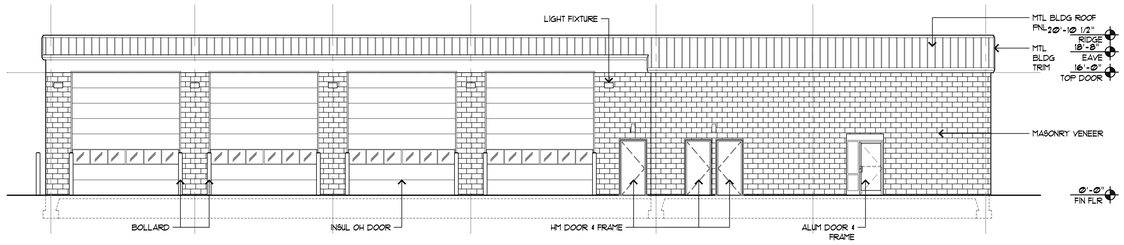

Renewable Natural Gas
Clean Energy

Natural Gas



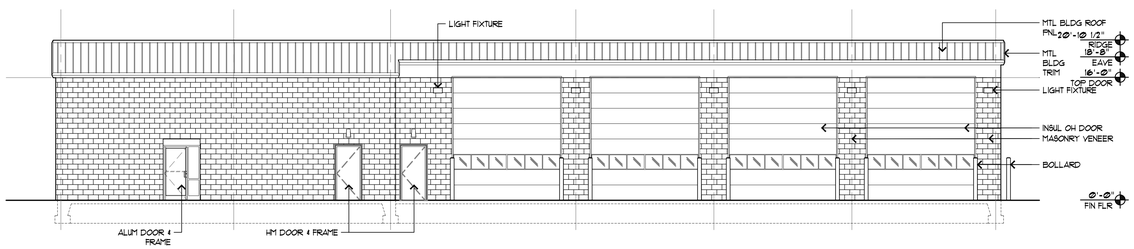
SECTION @ SERVICE BAY

F A100 SCALE: 1/8"=1'-0"



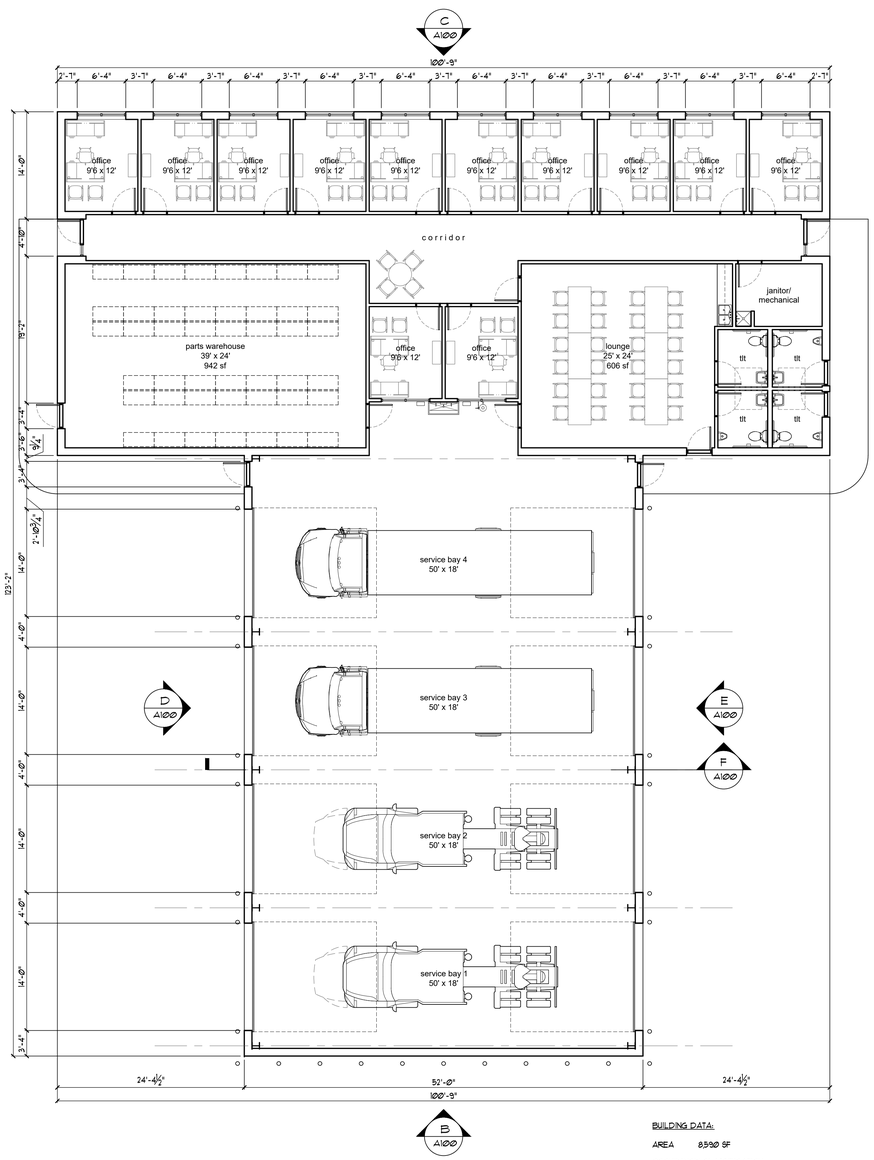
EAST ELEVATION

E A100 SCALE: 1/8"=1'-0"



WEST ELEVATION

D A100 SCALE: 1/8"=1'-0"



BUILDING DATA:

AREA 8,390 SF

OCCUPANCY CLASSIFICATION

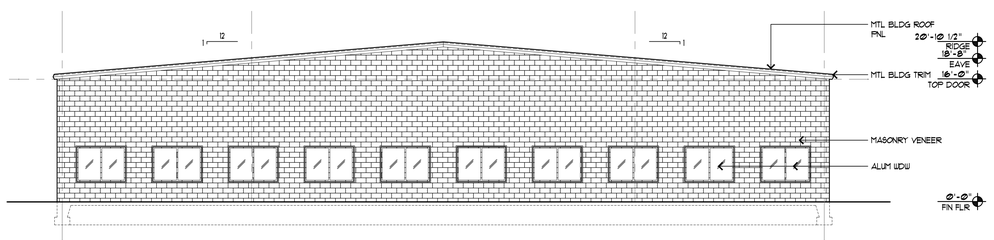
STORAGE GROUP S - MOTOR VEHICLE REPAIR GARAGE

CONSTRUCTION TYPE:

IIB - FULLY SPRINKLERED

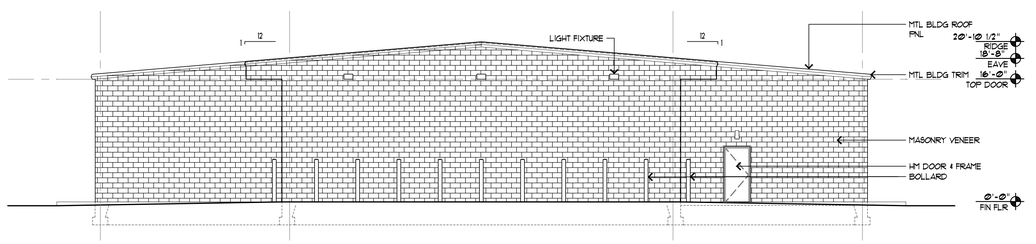
AREA D FLOOR PLAN

A A100 SCALE: 1/8"=1'-0"



NORTH ELEVATION

C A100 SCALE: 1/8"=1'-0"



SOUTH ELEVATION

B A100 SCALE: 1/8"=1'-0"

DATE	DESCRIPTION

SEAL:

FITZGERALD ASSOCIATES
architects & design consultants
405.521.8999
2900 n. santa fe ave.
oklahoma city, ok 73118
www.fitzarch.com

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ALL RIGHT RESERVED

LOCATION:
72nd Ave & 1st St
Sommers, WI

Clean Energy

OWNER:
Clean Energy
4675 Mac Arthur Ct Suite 800
Newport Beach, CA 92660

JOB NO.:
3220

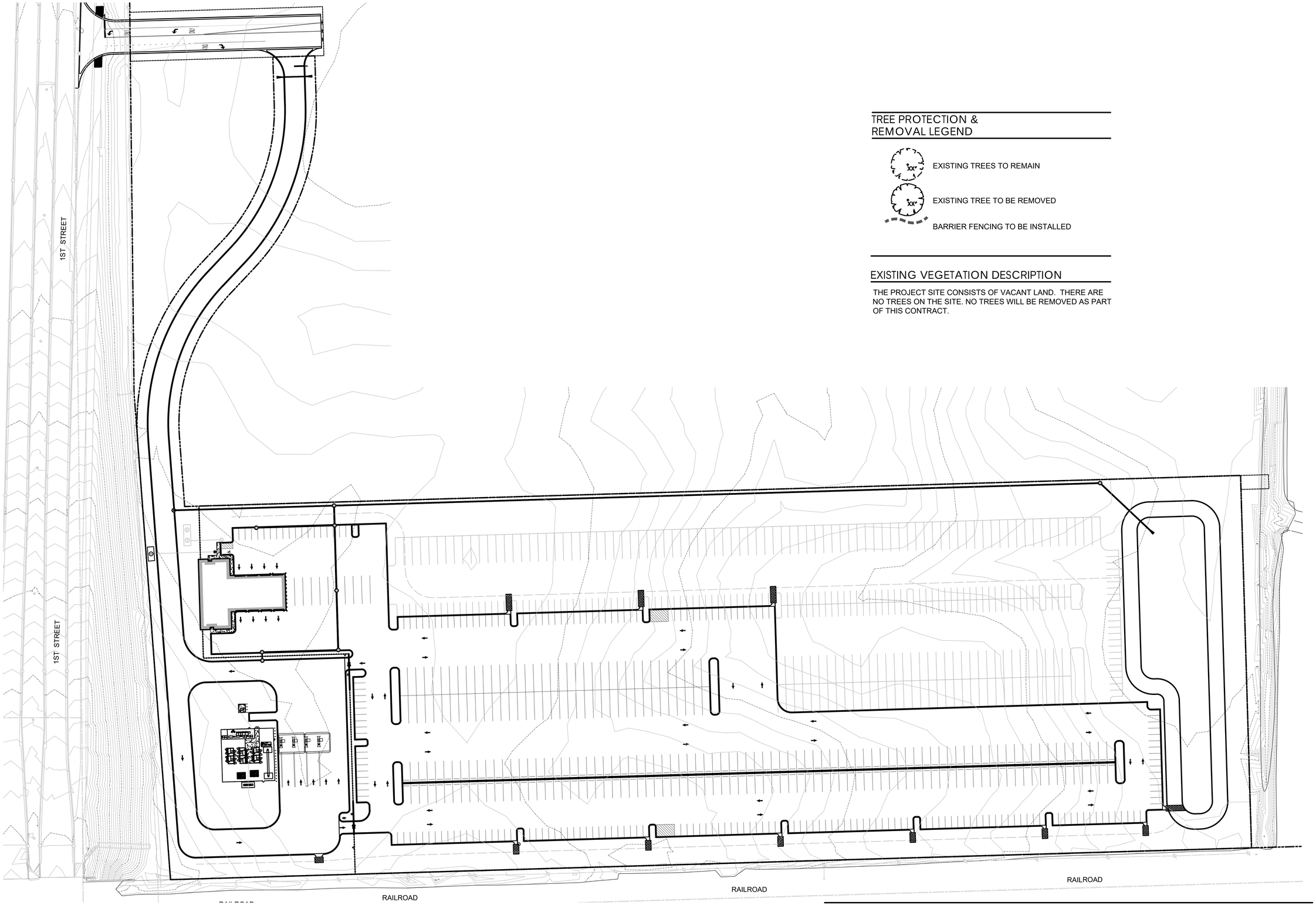
DRAWN BY: B.F.G.

CHECKED BY:

SHEET TITLE:
PLANS + ELEVATIONS

DATE:
03.21.2023

SHEET NO.:
A100



TREE PROTECTION & REMOVAL LEGEND

XX" EXISTING TREES TO REMAIN

XX" EXISTING TREE TO BE REMOVED

BARRIER FENCING TO BE INSTALLED

EXISTING VEGETATION DESCRIPTION

THE PROJECT SITE CONSISTS OF VACANT LAND. THERE ARE NO TREES ON THE SITE. NO TREES WILL BE REMOVED AS PART OF THIS CONTRACT.

1 TREE PROTECTION & REMOVAL PLAN

N

SHEET SCALE 1"=60'
0' 30' 60' 120' 180'

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ph. 773.697.4388
www.LGWLA.com

SEAL

WISCONSIN
LARRY C. GLASSCOCK
LA 783-14
CHICAGO
LANDSCAPE ARCHITECT
EXPIRES 08/2023

PROJECT TEAM

CIVIL ENGINEER:
CAGE CIVIL ENGINEERING

Clean Energy

CT

PROJECT NAME

CNG FUELING STATION

1st Street,
Somers, Wisconsin

DRAWING ISSUED

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LANDSCAPE PLANS

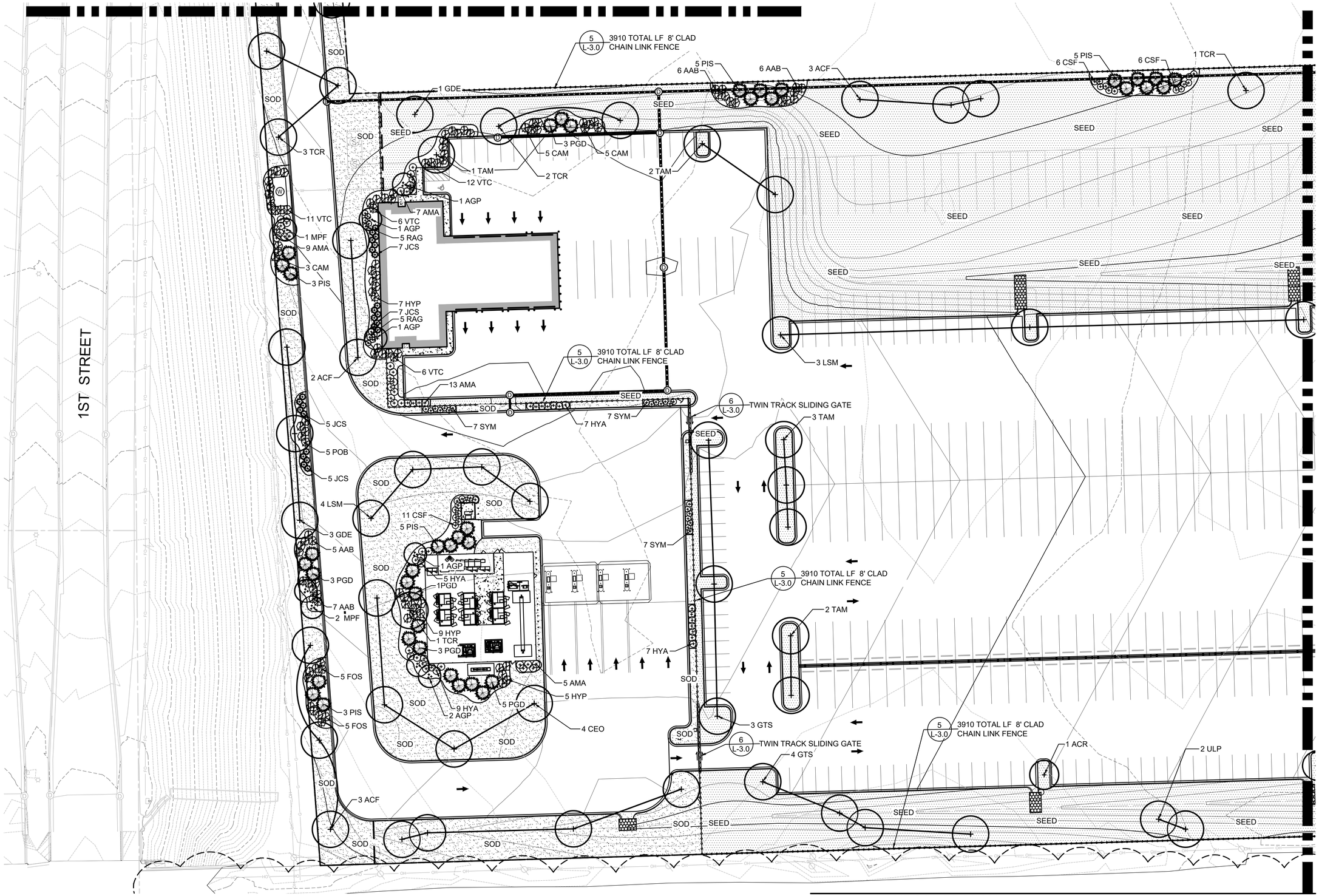
PROJECT NUMBER
2303035

DATE
03-22-2023

DRAWN BY:	APPROVED BY:
LCG	LCG

SHEET TITLE
TREE PROTECTION & REMOVAL PLAN

SHEET NUMBER
L1.0



1 LANDSCAPE PLAN
NORTH

N

SHEET SCALE 1"=30'
0' 15' 30' 60' 90'

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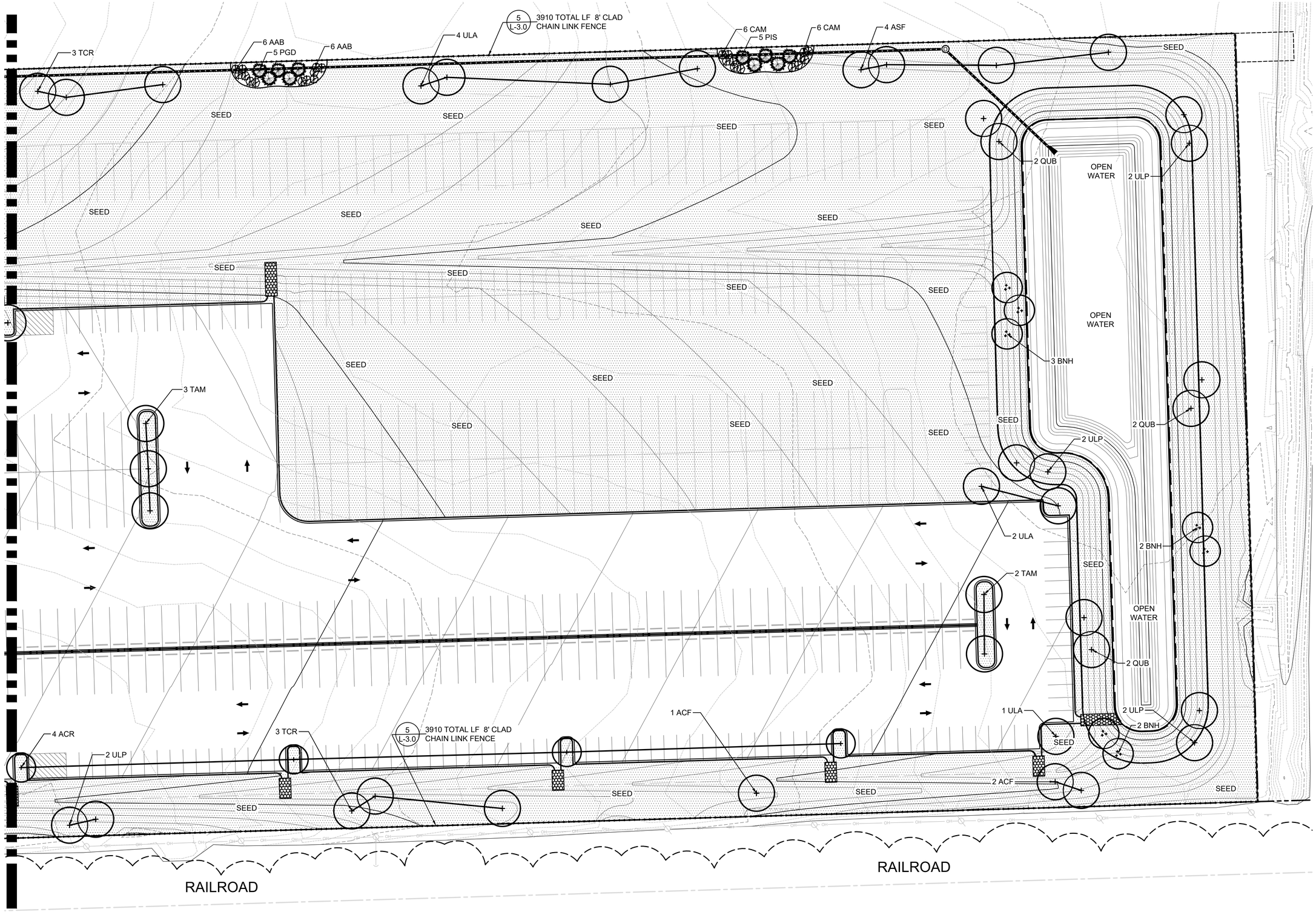
DATE
03-22-2023

DRAWN BY:	APPROVED BY:
LCG	LCG

SHEET TITLE
LANDSCAPE PLAN
NORTH

SHEET NUMBER
L2.0



1 LANDSCAPE PLAN
SOUTH

N SHEET SCALE 1"=30'
0' 15' 30' 60' 90'

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PROJECT NUMBER
2303035

DATE
03-22-2023

DRAWN BY:	APPROVED BY:
LCG	LCG

SHEET TITLE
LANDSCAPE PLAN
SOUTH

SHEET NUMBER
L2.1

PLANT LIST

SYM	SIZE	QTY	BOTANICAL NAME	COMMON NAME	COMMENT
DECIDUOUS SHADE TREES					
ACF	2.5" CAL.		ACER FREEMANII 'SIENNA'	SIENNA GLEN MAPLE	B&B
ACR	2.5" CAL.		ACER RUBRUM 'RED SUNSET'	RED SUNSET RED MAPLE	B&B
CEO	2.5" CAL.		CELTIS OCCIDENTALIS	COMMON HACKBERRY	B&B
GDE	2.5" CAL.		GYMNOCLADUS DIOIC. 'ESPRESSO'	ESPRESSO KENTUCKY COFFEETREE	B&B
GTS	2.5" CAL.		GLEDITSIA TRI. 'SHADEMASTER'	SHADEMASTER HONEYLOCUST	B&B
QUB	2.5" CAL.		QUERCUS BICOLOR	SWAMP WHITE OAK	B&B
PYC	2.5" CAL.		PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER PEAR	B&B
TAM	2.5" CAL.		TILIA AMERICANA 'MKSENTRY'	AMERICAN SENTRY LINDEN	B&B
TCG	2.5" CAL.		TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LITTLELEAF LINDEN	B&B
ULA	2.5" CAL.		ULMUS DAVID. 'MORTON'	ACCOLADE ELM	B&B
ORNAMENTAL TREES					
AGP	6' MULTI		AMELANCHIER GRAN. 'PRINCESS DI'	PRINCESS DIANA SERVICEBERRY	B&B
BNH	6' MULTI		BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH	B&B
MDW	6' MULTI.		MALUS SPP. 'DONALD WYMAN'	DONALD WYMAN CRABAPPLE	B&B
EVERGREEN TREES					
ACO	6' HT.		ABIES CONCOLOR	WHITE FIR	B&B
PGD	6' HT.		PICEA GLAUCA 'DENSATA'	BLACK HILLS SPRUCE	B&B
DECIDUOUS SHRUBS					
AAB	36" HT.		ARONIA ARBUT. 'BRILLIANTISSIMA'	BRILLIANT RED CHOKEBERRY	B&B
AMA	24" HT.		ARONIA MELANO. 'ELATA'	ELATA CHOKEBERRY	B&B
CAM	36" HT.		CORNUS ALBA 'ARGENTEO MARG.'	CREAM EDGE DOGWOOD	B&B
FOS	24" HT.		FORSYTHIA X INTERMED. 'SUNRISE'	SUNRISE FORSYTHIA	B&B
FVB	18" W.		FORSYTHIA VIRID. 'BRONXENSIS'	BRONX GREENSTEM FORSYTHIA	B&B
HYA	24" HT.		HYDRANGEA ARBOR. 'ANNABELLE'	ANNABELLE HYDRANGEA	B&B
POB	30" HT.		PYHSOCARPUS OPUL. 'DIABOLO'	DIABOLO NINEBARK	B&B
VDS	30" HT.		VIBURNUM DENT. 'SYNNESTVEDT'	CHICAGO LUSTRE VIBURNUM	B&B
VTC	30" HT.		VIBURNUM TRILOBUM 'ALFREDO'	ALFREDO AMER.CRANBERRY BUSH	B&B
EVERGREEN SHRUBS					
JCS	24" W.		JUNIPERUS CHINENSIS ' SEA GREEN'	SEA GREEN JUNIPER	B&B
TMT	24" W.		TAXUS X MEDIA 'TAUNTON'	TAUNTON YEW	B&B
ORNAMENTAL GRASSES					
CAA	#3 CONT.		CALAMAGROSTIS ACUT. 'STRICTUS'	STRICTUS FEATHER REED GRASS	
GROUNDCOVER / PERENNIALS					
ALS	#1 CONT.		ALLUM TANGUT. 'SUMMER BEAUTY'	SUMMER BEAUTY WILD OINION	18" O.C.
HEM	#1 CONT.		HEMEROCALLIS 'STELLA DE ORO'	STELLA DE ORO DAYLILY	15" O.C.
LAV	#1 CONT.		LAVENDULA 'MUNSTEAD STRAIN'	MUNSTEAD ENGLISH LAVENDAR	24" O.C.
PHD	#1 CONT.		PHLOX DIVARICATA	BLUE PHLOX	15" O.C.
SED	#1 CONT.		SEDUM X 'AUTUMN JOY'	AUTUMN JOY SEDUM	18" O.C.
SEED	SQ. YD.		SEEDED LAWN - COIR MAT OR SIMILAR EROSION DEVICE AT SLOPES OVER 4:1.		
SOD	SQ. YD.		SODDED LAWN		
SEED1	SQ. YD.		NATIVE SEED MIX - BASIN SIDES - WET MESIC FOR CLAY SOILS - SEE BELOW		
SEED2	SQ. YD.		NATIVE SEED MIX - BASIN BOTTOM - EMERGENT SEED (DRY SEEDED) - SEE BELOW		

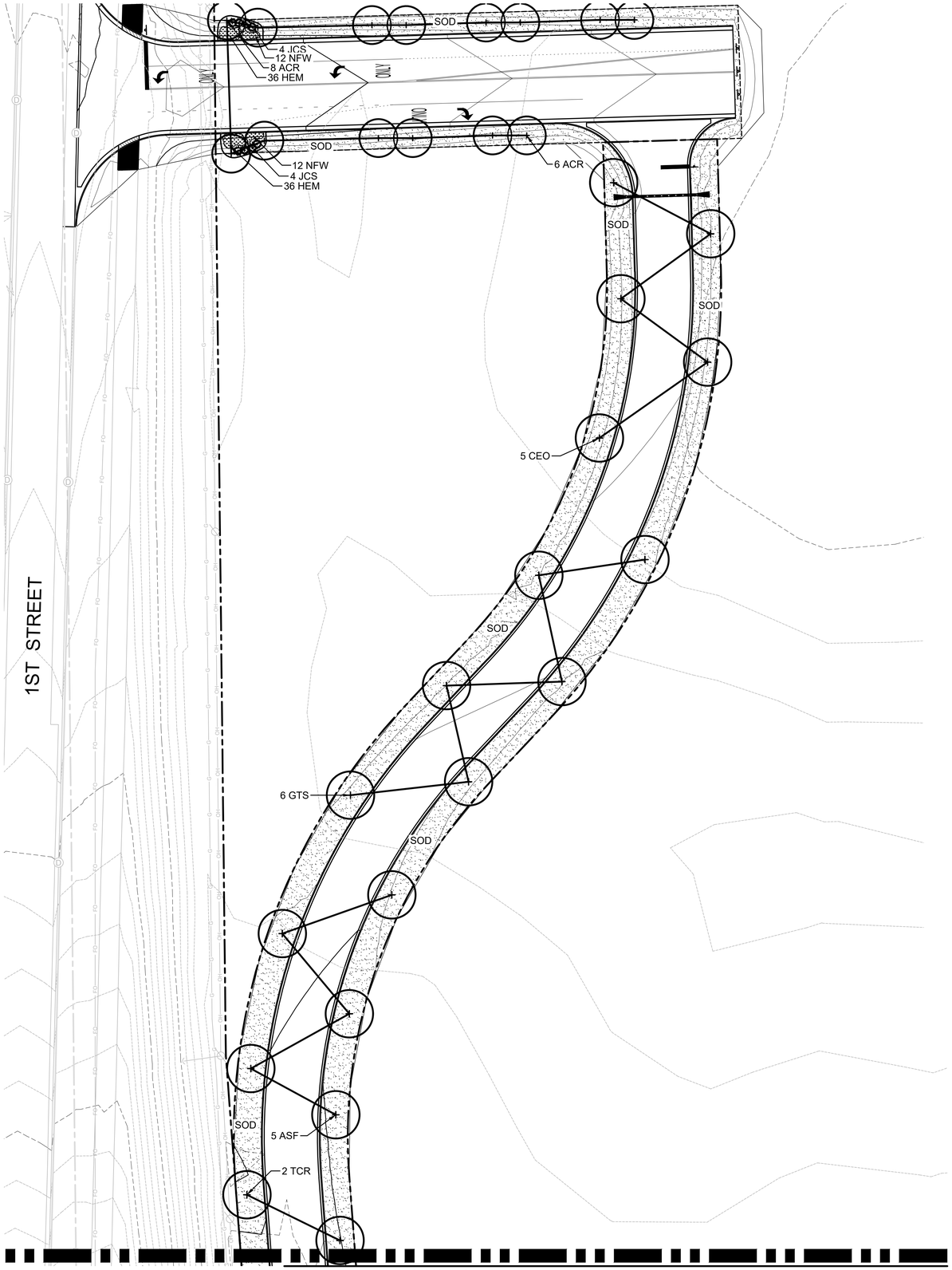
SEED MIXTURES

WET MESIC FOR CLAY SOILS AVAILABLE THROUGH GENESIS SEED CO. TAMPICO, ILLINOIS. 877-817-5325
INSTALL AT MANUFACTURERS RATE.

EMERGENT SEED (DRY SEEDED) AVAILABLE THROUGH GENESIS SEED CO. TAMPICO, ILLINOIS. 877-817-5325
INSTALL AT MANUFACTURERS RATE.

LANDSCAPE LEGEND

- EXISTING TREE
- PROPOSED SHADE TREE
- PROPOSED EVERGREEN TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED LARGE SHRUB
- PROPOSED MEDIUM SHRUB
- PROPOSED EVERGREEN SHRUB
- PROPOSED LOW SHRUB
- PROPOSED ORNAMENTAL GRASS
- PROPOSED PERENNIAL PLANTING
- SODDED LAWN
- SEEDED LAWN
- NATIVE SEED1 MIX - BASIN SLOPES
- NATIVE SEED2 MIX - BASIN BOTTOM



1 LANDSCAPE PLAN EAST

N

SHEET SCALE 1"=30'
0' 15' 30' 60' 90'

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Illustration
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Chicago, IL 60647
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SEAL

WISCONSIN
LARRY C. GLASSCOCK
LA 783-14
CHICAGO
LANDSCAPE ARCHITECT

EXPIRES 08/2023

PROJECT TEAM

CIVIL ENGINEER:

CAGE CIVIL ENGINEERING

Clean Energy

CT

PROJECT NAME

CNG FUELING STATION

1st Street,
Somers, Wisconsin

DRAWING ISSUED

NO.	TITLE	DATE
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SET TYPE
LANDSCAPE PLANS

PROJECT NUMBER
2303035

DATE
03-22-2023

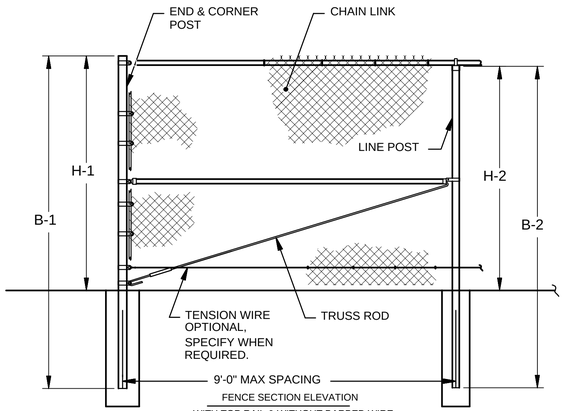
DRAWN BY:	APPROVED BY:
LCG	LCG

SHEET TITLE
LANDSCAPE PLAN
EAST / PLANT LIST

SHEET NUMBER
L2.2

LANDSCAPE NOTES

1. CONTRACTOR SHALL OBTAIN ALL NECESSARY LOCAL PERMITS AND PERMISSIONS TO INSTALL THE PROPOSED IMPROVEMENTS
2. ALL LANDSCAPE MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE TOWN OF SOMERS LANDSCAPING CODES AND ZONING ORDINANCES.
3. PRIOR TO COMMENCING ANY WORK, CONTRACTOR SHALL HAVE DIGGERS HOTLINE LOCATE AND MARK ALL UNDERGROUND UTILITY FACILITIES AND LINES.
4. ALL PLANT MATERIALS (EXCEPT FOR GROUNDCOVER, ANNUALS, AND PERENNIALS) SHALL BE BALLED AND BURLAPPED STOCK AND MEET CURRENT STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN'S STANDARD FOR NURSERY STOCK (ANSI 260.1-1986) OR EQUAL. PLANT MATERIALS MUST BE SUPPLIED WITHIN A 150 MILE RADIUS OF PROJECT SITE. CONTRACTOR MAY SUBSTITUTE CONTAINER STOCK FOR SHRUBS IF SIZES ARE EQUAL TO SPECIFIED B&B STOCK, WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT.
5. IF SPECIFIED PLANTS ARE NOT AVAILABLE AT THE TIME OF ORDERING, PLANTS WITH SIMILAR WHOLESALE VALUE AND LANDSCAPE CHARACTERISTICS MAY BE SUBSTITUTED UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT AND VILLAGE STAFF.
6. SOIL IN GROUNDCOVER BEDS SHALL BE AMENDED USING 2 INCHES OF MUSHROOM COMPOST INCORPORATED INTO THE TOP 4 INCHES OF SOIL.
7. DISTURBED AREAS TO RECEIVE SOD SHALL BE TILLED TO 6" DEPTH AND FINE GRADED TO PROVIDE SMOOTH BASE SURFACE. IF EXISTING SOIL IS A MAJORITY OF CLAY OR UNSUITABLE, 2" OF FINE GRADED TOPSOIL SHALL BE ADDED PRIOR TO TILLING. EXISTING SOD AREAS SHALL HAVE TURF REMOVED WITH AUTOMATED SODCUTTER OR HAND SPACE TO REMOVE ALL BLADES AND ROOTS. 1" OF FIND GRADED TOPSOIL SHALL BE TILLED AND GRADED.
8. TREE AND SHRUB BACKFILL MIXTURE SHALL BE 2 PARTS EXIST. NATIVE TOPSOIL AND 1 PART SPHAGNUM PEAT MOSS W/ DECOMPOSED MANURE.
9. ALL SHRUB BEDS AND INDIVIDUAL TREE PLANTINGS, UNLESS OTHERWISE NOTED, SHALL RECEIVE A 4 INCH LAYER OF SHREDDED HARDWOOD MULCH. ALL GROUNDCOVER, ANNUAL AND PERENNIAL BEDS SHALL RECEIVE A 2 INCH LAYER OF THE SAME MULCH MATERIAL. COSTS FOR MULCH SHALL BE CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF PLANTINGS.
10. NURSERY TAGS (SPECIES, SIZE) FOR ALL SHADE TREES SHALL REMAIN ATTACHED TO TREES UNTIL FINAL APPROVAL FROM MUNICIPALITY.
11. THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE OWNER A BONDED WRITTEN ONE-YEAR WARRANTY AGREEMENT (BEGINNING ON THE OWNER'S POSSESSION DATE). THIS AGREEMENT SHALL COVER MAINTENANCE, REPAIR, AND REPLACEMENT OF ALL DEAD OR DAMAGED LANDSCAPING TO PRESERVE THE SAME QUANTITY AND QUALITY AS INITIALLY APPROVED.
12. CONTRACTOR SHALL PROVIDE A SEPARATE ESTIMATE FOR AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM FOR COMPLETE EFFECTIVE COVERAGE OF ALL LAWN AREAS AND SHRUB BEDS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL AND APPLY FOR ALL NECESSARY PERMITS PRIOR TO COMMENCING WORK. IRRIGATION PLANS SHALL INCLUDE HUNTER PRO-C CONTROLLER W/WIRELESS SOLAR SYNC STATION AND HUNTER SPRAYHEADS AND NOZZLES. IRRIGATION WORK SHALL BE WARRANTY ALL LABOR AND MATERIALS FOR 1 FULL YEAR AFTER INSTALLATION AND TESTING.
13. SEEDED LAWN AREAS SHALL BE BID WITH A BID ALTERNATE FOR HYDROSEEDED LAWN. PRIOR TO SEEDING, 2" OF FINE TOPSOIL SHALL BE TILLED INTO EXIST SOIL MIXTURE. A MIX CONSISTING OF ROUGHLY 30 % BLUEGRASS / 30% FINE FESCUES / 40% RYE GRASSES (AND TACKIFIER FOR HYDROSEEDING) SHALL BE APPLIED AT MANUFACTURERS SPECIFIED RATES FOR NEW LAWNS BETWEEN 5 AND 10 LBS PER 1,0000 SF.
14. TREES AND SHRUBS SHALL NOT BE LOCATED CLOSER THAN TEN (10) FEET TO FIRE HYDRANTS, TRANSFORMERS OR OTHER ABOVE GROUND UTILITIES. ANY DISCREPANCY ON THE PLAN RELATED TO THESE PROXIMATE UTILITIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR RESOLUTION.

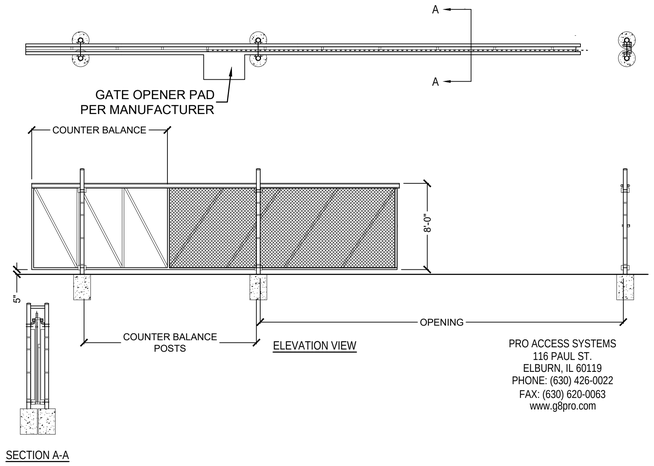


FENCE SECTION ELEVATION
WITH TOP RAIL & WITHOUT BARBED WIRE

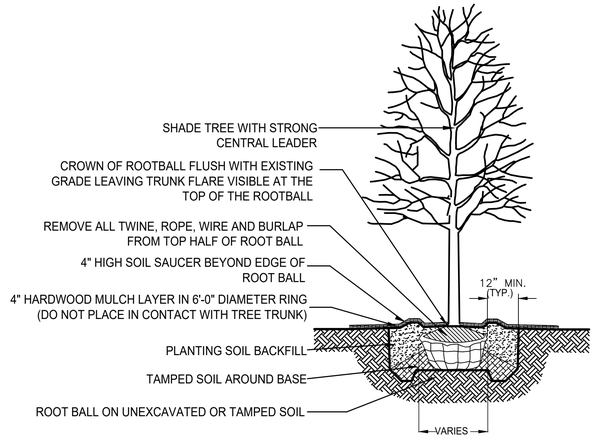
FENCE HEIGHT	END & CORNER POSTS		LINE POSTS	
NOMINAL HEIGHT	B-1 BAR LENGTH	H-1 HEIGHT ABOVE GRADE	B-2 BAR LENGTH	H-2 HEIGHT ABOVE GRADE
8'-0"	12'-0"	8'-0"	12'-0"	7'-8 7/8"

NOTES:
1. THIS DWG CORRESPONDS WITH DWGS 1-1110 & 1-1130.
2. SPECIFICATIONS SHOWN CAN BE CHANGED BY MASTER HALCO ONLY.
3. COLOR TO BE BLACK.

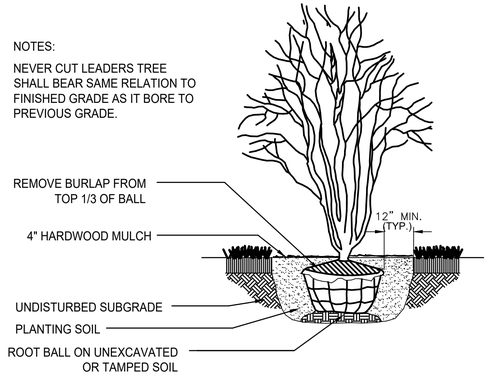
5 8'-0" HT. VINYL CLAD CHAIN LINK FENCE DETAIL — NOT TO SCALE



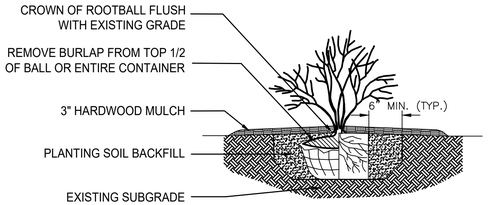
6 TWIN TRACK VEHICLE SLIDING GATE VARIED WIDTH — NOT TO SCALE



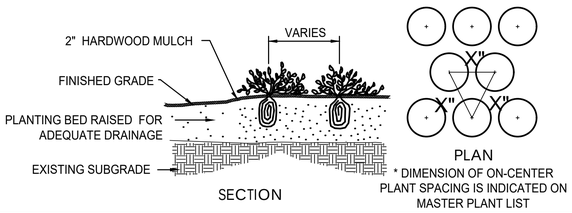
1 SHADE TREE PLANTING DETAIL — NOT TO SCALE



2 ORNAMENTAL TREE PLANTING DETAIL — NOT TO SCALE



3 SHRUB PLANTING DETAIL — NOT TO SCALE



4 PERENNIAL / ANNUAL PLANTING DETAIL — NOT TO SCALE

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DRAWN BY: LCG | APPROVED BY: LCG

SHEET TITLE
LANDSCAPE DETAILS & NOTES

SHEET NUMBER
L3.0

Schedule												
Symbol	Label	Image	Quantity	Manufacturer	Catalog Number	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage	Description	Wattage	Plot
	SA		17	Atlantic Lighting	RSX1 LED B 480 740B	1	37200	0.95	303.69	Atlantic Rsx 1 Area Lumens B, Performance Package 480lW 5 CCT 70 CRI Type I Medium	303.69	
	SB		11	Atlantic Lighting	RSX1 LED B 480 740B	1	37200	0.95	303.69	Atlantic Rsx 1 Area Lumens B, Performance Package 480lW 5 CCT 70 CRI Type I Medium	303.69	
	SC		3	Atlantic Lighting	RSX1 LED B 480 740B MVOLT	1	37200	0.95	303.69	Atlantic Rsx 1 Area Lumens B, Performance Package 480lW 5 CCT 70 CRI Type I Houndshield Shield	303.69	
	SD		3	Atlantic Lighting	RSX1 LED B 480 740B	1	26458	0.95	216.05	Atlantic Rsx 1 Area Lumens B, Performance Package 480lW 5 CCT 70 CRI Type I Rear Houndshield Shield	216.05	
	SE		4	Atlantic Lighting	RSX1 LED B 480 740B	1	22127	0.95	180.65	Atlantic Rsx 1 Area Lumens B, Performance Package 480lW 5 CCT 70 CRI Type I Rear Houndshield Shield	180.65	

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone Property Line	■	0.1 fc	0.5 fc	0.0 fc	N/A	N/A
Calc Zone Entire Site	+	2.9 fc	14.7 fc	0.0 fc	N/A	N/A

Luminaire Locations

		Location				
No.	Label	X	Y	MH	Orientation	Tilt
2	SA	2532687.00	248948.50	27.00	180.00	0.00
3	SA	2533065.00	248959.60	27.00	180.00	0.00
4	SA	2533137.00	248848.70	27.00	180.00	0.00
5	SA	2533316.00	248853.90	27.00	180.00	0.00
6	SA	2533492.00	248859.80	27.00	180.00	0.00
7	SA	2532876.00	248953.20	27.00	180.00	0.00
8	SA	2532279.00	248883.70	27.00	180.00	0.00
9	SA	2532429.00	248888.30	27.00	180.00	0.00
10	SA	2532453.00	248765.00	27.00	270.00	0.00
11	SA	2532456.00	248677.00	27.00	270.00	0.00
1	SB	2532522.00	248704.90	27.00	0.00	0.00
2	SB	2532642.00	248709.10	27.00	0.00	0.00
3	SB	2532774.00	248713.70	27.00	0.00	0.00
4	SB	2533026.00	248721.60	27.00	0.00	0.00
5	SB	2533158.00	248724.20	27.00	0.00	0.00
6	SB	2533290.00	248728.20	27.00	0.00	0.00
7	SB	2533410.00	248732.60	27.00	0.00	0.00
8	SB	2532906.00	248717.30	27.00	0.00	0.00
9	SB	2533554.00	248735.60	27.00	0.00	0.00
1	SC	2532294.00	249074.70	27.00	180.00	0.00
2	SC	2532384.00	249077.30	27.00	180.00	0.00
3	SC	2532492.00	249080.50	27.00	180.00	0.00
1	SD	2532240.00	248738.00	27.00	270.00	0.00
2	SD	2532218.00	249027.00	27.00	270.00	0.00
3	SD	2532316.00	248645.00	27.00	180.00	0.00
1	SE	2532198.00	249209.00	27.00	270.00	0.00
2	SE	2532261.00	249396.00	27.00	303.69	0.00
3	SE	2532351.00	249509.00	27.00	296.57	0.00
4	SE	2532394.00	249659.00	27.00	270.00	0.00
1	SA	2532515.00	248945.70	27.00	180.00	0.00

Plan View
Scale - 1" = 40ft

KSA LIGHTING & CONTROLS

CNG SOMERS FUELING STATION

Designer
D. MIROW
Date
03/20/2023
Scale
Scale as shown
Drawing No.

Summary

Sheet List Table	
Sheet Number	Sheet Title
GENERAL	
CS.1	COVER SHEET
G1.0	GENERAL ARRANGEMENT & ELEVATIONS FULL BUILD
CIVIL	
C1.0	CIVIL SITE PLAN
C1.1	ENLARGED PLAN
PIPING	
P1.0	PIPING & INSTRUMENTATION DIAGRAM (P&ID)
P1.1	P&ID SCHEDULE
ELECTRICAL	
E1.0	SINGLE LINE DIAGRAM
E2.0	CONDUIT SCHEDULE

CNG FUELING STATION
MKE - KENOSHA CNG FUELING STATION
1ST STREET
SOMERS, WI 53171

APN: 82-4-222-041-0112

FLOOD MAP: ---- EFFECTIVE ----

VICINITY MAP

NOT TO SCALE

PROPERTY INFORMATION

OWNER ADDRESS:	4343 VON KARMAN AVE., STE. 200 NEWPORT BEACH, CA 92660
SITE ADDRESS:	1ST STREET SOMERS, WI 53171
APN:	82-4-222-041-0112
ZONING:	A-1
OCCUPANCY:	M

PROJECT DESCRIPTION

INSTALLATION OF COMPRESSED NATURAL GAS VEHICLE FUELING STATION WITH ASSOCIATED CONTROLS EQUIPMENT PADS, INTERCONNECTING PIPING, ELECTRICAL, SAFETY SYSTEMS, AND OTHER MINOR SITE WORK AT THE PROJECT LISTED ABOVE.

GENERAL NOTES

NOTE: THE TERM "CONTRACTOR" OR "CONTRACTORS" AS USED IN THESE GENERAL NOTES SHALL REFER TO THE PRIME CONTRACTOR AND ALL SUB-CONTRACTORS.

1. THIS SET OF CONSTRUCTION DOCUMENTS COVERS THE CNG SYSTEM IMPROVEMENTS ONLY AND MAY NOT SHOW ALL EXISTING SITE IMPROVEMENTS FOR THE FACILITY.
2. THE CONTRACTORS SHALL PRESERVE AND MAINTAIN ACCESS TO EXISTING EXITS AND MAKE EVERY EFFORT TO MINIMIZE DISRUPTIONS TO EXISTING OPERATIONS AT ALL TIMES DURING CONSTRUCTION.
3. THE CONTRACTORS SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL MATERIALS, LABOR, INSTALLATION, FABRICATION, ETC. SHALL CONFORM TO ALL CODES AND REGULATIONS OF APPLICABLE GOVERNING AGENCIES.
4. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND SITE CONDITIONS PRIOR TO COMMENCING ANY WORK. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCY CONTAINED WITHIN THESE CONSTRUCTION DOCUMENTS WHICH ARE RELATED TO THE CONTRACTOR'S SCOPE OF WORK. SHOULD AN ERROR APPEAR IN THESE CONSTRUCTION DOCUMENTS OR RELATED WORK PERFORMED BY OTHER CONTRACTORS AFFECTING THE CONTRACTOR'S SCOPE OF WORK, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT ONCE FOR INSTRUCTIONS AS TO THE PROCEDURE FOR CONTINUATION OF WORK. SHOULD THE CONTRACTOR PROCEED WITH WORK AFTER IDENTIFYING SUCH A CONFLICT WITHOUT OBTAINING INSTRUCTIONS FROM THE ENGINEER, THE CONTRACTOR SHALL ASSUME THE FULL RESPONSIBILITY FOR ALL REMEDIAL WORK NECESSARY TO SATISFY THE REQUIREMENTS OF THESE CONSTRUCTION DOCUMENTS AND THE APPLICABLE BUILDING CODES.
5. THE CONTRACTOR SHALL REFER TO THE BID DRAWINGS AND WRITTEN TECHNICAL SPECIFICATIONS - IF ANY - FOR ADDITIONAL INFORMATION AND REQUIREMENTS WHICH ARE HEREBY INCORPORATED INTO THE PROJECT REQUIREMENTS BY REFERENCE.
6. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS WITH THOSE SHOWN ON THE DRAWINGS AND PROMPTLY REPORT ANY DISCREPANCIES TO THE ENGINEER. VERIFY EXISTING CONDITIONS WITHIN THE WORK AREA AND REVIEW MODIFICATIONS REQUIRED TO SUIT EXISTING CONDITIONS PRIOR TO FABRICATION AND INSTALLATION OF NEW WORK OR MODIFICATIONS TO EXISTING CONDITIONS.
7. THE CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A CLEAN, ORDERLY CONDITION, FREE OF DEBRIS AND LITTER. EACH CONTRACTOR SHALL, IMMEDIATELY UPON COMPLETION OF EACH PHASE OF HIS WORK, REMOVE ALL TRASH AND DEBRIS THAT RESULTS FROM THE PERFORMANCE OF HIS WORK.
8. CONSTRUCTION MATERIALS STORED ON THE SITE SHALL BE PROPERLY STACKED AND PROTECTED TO PREVENT DAMAGE AND DETERIORATION UNTIL USED. FAILURE TO PROTECT MATERIALS MAY BE CAUSE FOR REJECTION OF WORK.
9. THE CONTRACTOR SHALL PROTECT NEW AND EXISTING FINISHES AND CONSTRUCTION FROM DAMAGE THAT MAY OCCUR DURING CONSTRUCTION. DAMAGE TO NEW AND/OR EXISTING FINISHES AND CONSTRUCTION SHALL BE REPAIRED OR REPLACED (THE OWNER'S DECISION) WITH IDENTICAL MATERIAL AT THE CONTRACTOR'S EXPENSE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE OWNER WITH ACCURATE "AS-BUILT" RECORD DRAWINGS AT THE COMPLETION OF CONSTRUCTION. RECORD DRAWINGS WILL BE MADE BY "RED-LINING" FORMAL CONSTRUCTION DRAWINGS TO IDENTIFY ANY AND ALL CHANGES WHICH MAY HAVE BEEN MADE IN THE FIELD.
11. ALL WORK SHOWN ON THESE DRAWINGS SHALL BE CONSTRUED AS BEING NEW WORK AND PART OF THIS CONTRACT UNLESS NOTED BEING EXISTING OR OTHERWISE.
12. CONTRACTOR SHALL COMPLY WITH ALL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) AND LOCAL JURISDICTION STORM WATER POLLUTION PREVENTION (SWPP) RULES AND REGULATIONS PRIOR TO THE COMMENCEMENT OF ANY WORK AND DURING ANY CONSTRUCTION ACTIVITIES.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS, MATERIALS & QUANTITIES AS PART OF THE CIVIL, STRUCTURAL, MECHANICAL, P&ID AND ELECTRICAL PLANS. NO EXCEPTIONS.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE SET OF CONSTRUCTION PLANS TO ALL SUB-CONTRACTORS DISCIPLINES FOR REFERENCE AND USE.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-ESTABLISHING ALL DAMAGED OR DISTURBED TEMPORARY AND PERMANENT BENCH MARKS AT THEIR OWN EXPENSE.

ABBREVIATIONS

AC	ASPHALTIC CONCRETE
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
ATS	AUTOMATIC TRANSFER SWITCH
BCW	BARE COPPER WIRE
BLDG	BUILDING
CL	CENTER LINE
CNG	COMPRESSED NATURAL GAS
COMP	COMPRESSOR
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONT	CONTINUOUS
CU FT	CUBIC FEET
CRIND	CARD READER INSIDE DISPENSER
CS	CARBON STEEL
DIA OR Ø	DIAMETER
DEPT	DEPARTMENT
DWG	DRAWING
(E)	EXISTING
EA	EACH
ELEV OR EL	ELEVATION
EQ	EQUAL
ENCL	ENCLOSURE
ESD	EMERGENCY SHUT DOWN
EXIST	EXISTING
(F)	FUTURE
FG	FINISH GRADE
FH	FIRE HYDRANT
FIG	FIGURE
FOC	FACE OF CURB
FP	FUEL POST (TIME FILLED)
FSSP	FUEL SYSTEM SUPPORT PANEL
FX	FIRE EXTINGUISHER
GALV	GALVANIZED
GND	GROUND
GRC	GALVANIZED RIGID CONDUIT
HC	HANDICAP
HP	HORSE POWER
HORIZ	HORIZONTAL
MAWP	MAXIMUM ALLOWABLE WORKING PRESSURE
MAX	MAXIMUM
MCC	MOTOR CONTROL CABINET
MCP	MASTER CONTROL PANEL
MIN	MINIMUM
MSA	METER SET ASSEMBLY (GAS UTILITY)
MSB	MASTER SWITCH BOARD
MTR	MOTOR
MTS	MANUAL TRANSFER SWITCH
(N)	NEW
N/A	NOT APPLICABLE
NGV	NATURAL GAS VEHICLE
NTS	NOT TO SCALE
NO	NUMBER
OC	ON CENTER
PL	PLATE
POC	POINT OF CONNECTION
PB	PUSH BUTTON
REF	REFERENCE
REINF	REINFORCEMENT
(RR)	REMOVE AND REPLACE
(R)	RELOCATE
SCH	SCHEDULE
SEC	SECTION
SIM	SIMILAR
SPR	SPRINKLERED
SQ	SQUARE
SF	SQUARE FEET
SS	STAINLESS STEEL
STD	STANDARD
THK	THICK
THRU	THROUGH
TOC	TOP OF CURB
XFMR	TRANSFORMER
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL

RELEVANT CODES AND STANDARDS

THE WORK SHALL CONFORM TO THE MOST RECENT EDITION OF THE FOLLOWING CODES AND STANDARDS AS SUPPLEMENTED, AMENDED, OR OTHERWISE MODIFIED BY LOCAL REQUIREMENTS:

INTERNATIONAL BUILDING CODE (IBC) 2015
INTERNATIONAL FIRE CODE (IFC) 2015
INTERNATIONAL PLUMBING CODE (IPC) 2015
INTERNATIONAL MECHANICAL CODE (IMC) 2015

NFPA52 VEHICULAR FUEL SYSTEMS CODE 2023
NFPA70 NATIONAL ELECTRICAL CODE (NEC)
ASME B31.3 PROCESS PIPING CODE 2020

IN THE EVENT OF A CONFLICT BETWEEN DRAWINGS, WRITTEN SPECIFICATIONS, AND/OR REFERENCED STANDARDS, THE MOST STRINGENT SHALL GOVERN.

PROJECT TEAM

OWNER (S)

ROLF ANDERSON
4343 VON KARMAN AVE., STE. 200
NEWPORT BEACH, CA 92660
(949) 431-6425

PROJECT CONTACT(S)

CLEAN ENERGY
ADENIYI SAJIMI
4675 MACARTHUR COURT SUITE 300
NEWPORT BEACH, CA 92660
(949) 437-1169

ENGINEER OF RECORD

ATTN: MATT LOSER, PE
VALLEY CIVIL DESIGN GROUP
3333 MICHELSON, SUITE 300
IRVINE, CA 92612
949.398.1338

30% REVIEW SET,
NOT FOR CONSTRUCTION

2023/03/02

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CNG FUELING STATION
MKE - KENOSHA CNG FUELING STATION
1ST STREET
SOMERS, WI 53171
COVER SHEET

ASSET NO: 21109

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SCALE		
SHEET	CS.1	

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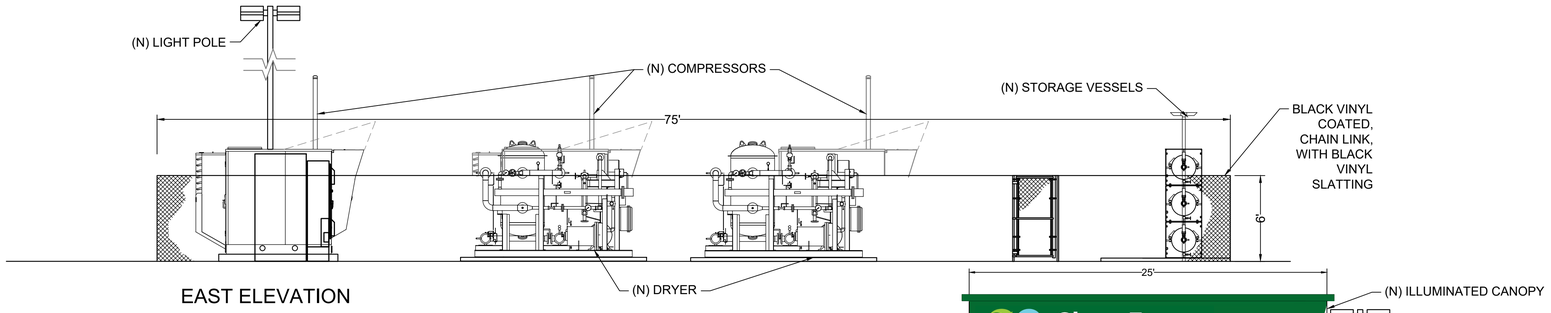
3/2/2023 9:15:13 AM

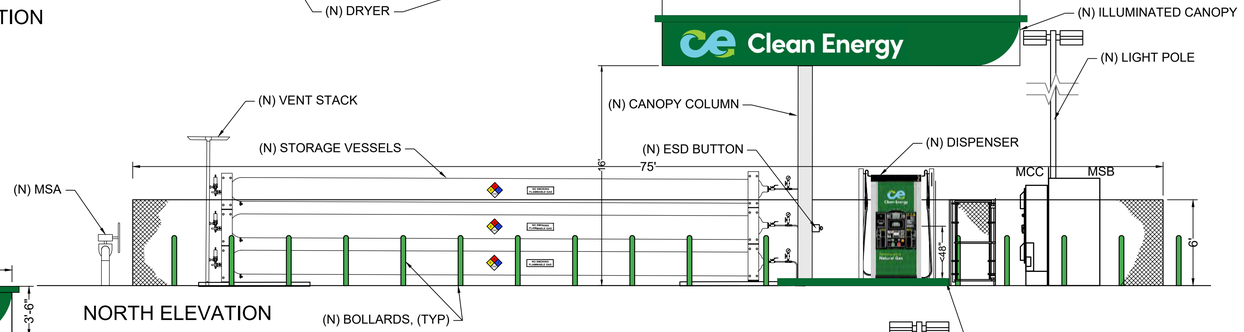
CANOPY COLOR CHART	
PANTONE 3500 C	
PANTONE 630 C	
PANTONE 2300 C	

NOTES

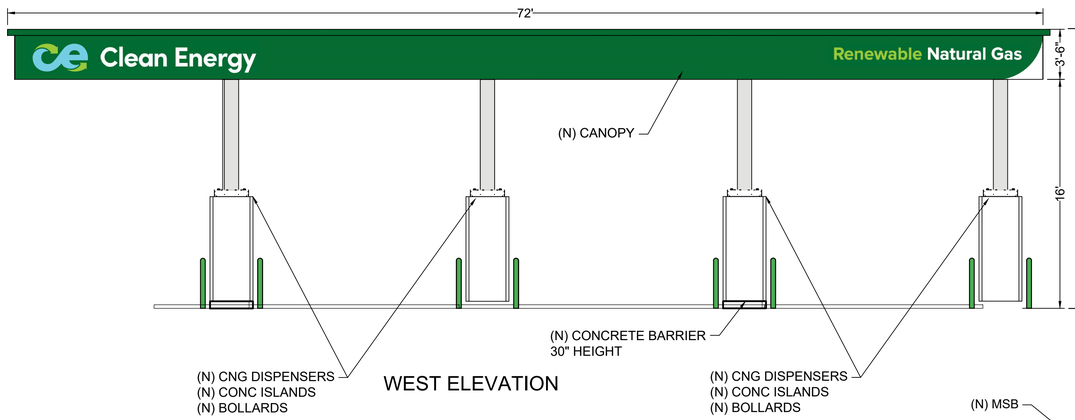
1. COLOR IS TO MATCH PANTONE COLOR SYSTEM OR EQUIVALENT 1101 HIGH GLOSS LACQUER ENAMEL OR EQUIVALENT.



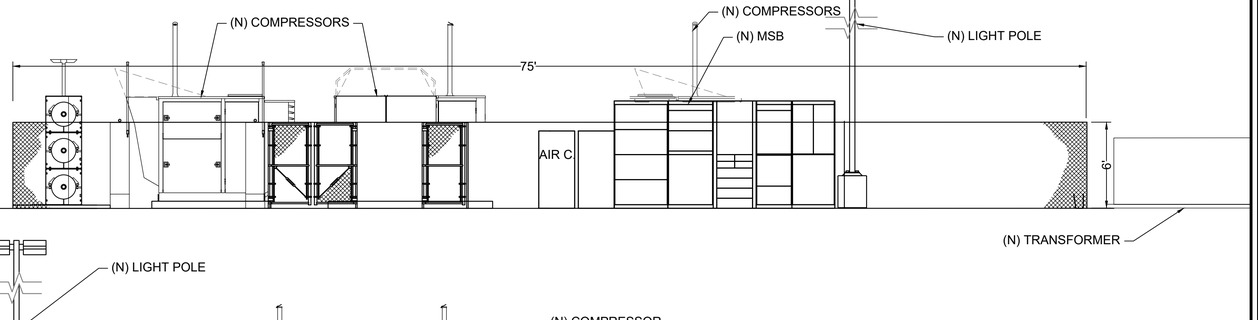
EAST ELEVATION

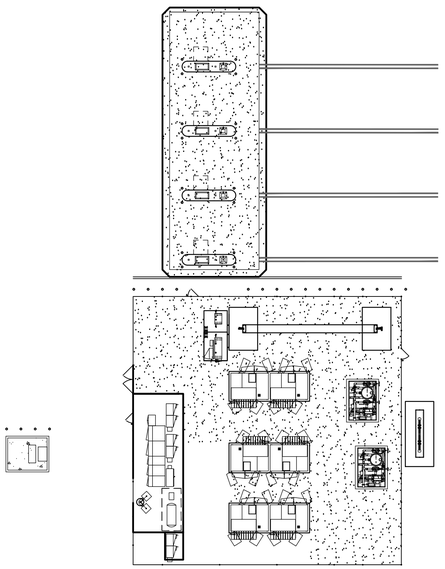


NORTH ELEVATION



WEST ELEVATION

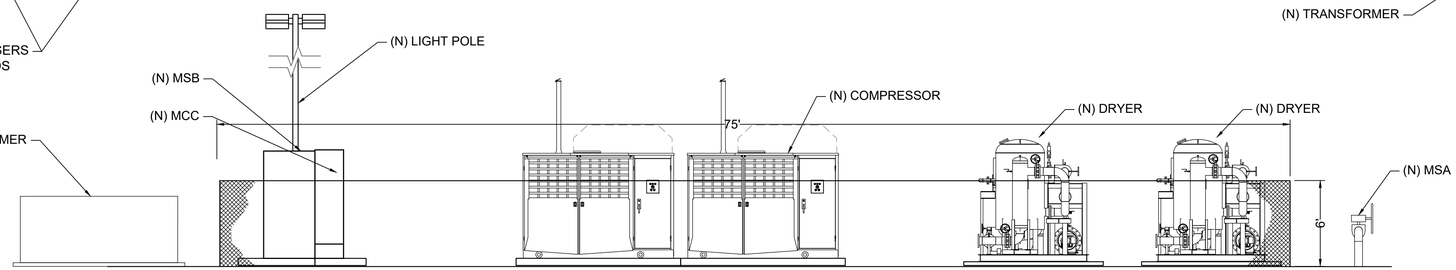




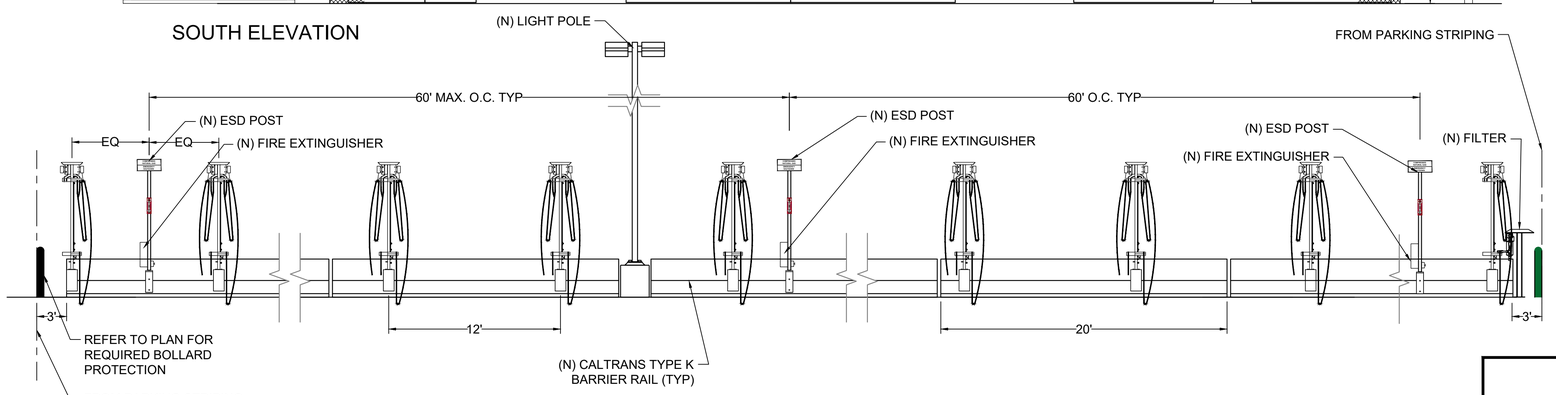
KEY MAP 1" =20'

0 10 20 40 60
1" = 20'

N W E S



SOUTH ELEVATION



NOTE: ELEVATIONS FOR PLANNING REFERENCE ONLY. REFER TO EQUIPMENT AND PIPING PLAN FOR ACTUAL LAYOUT DIMENSIONS.

2023/03/01

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CNG FUELING STATION
MKE - KENOSHA CNG FUELING STATION
1ST STREET
SOMERS, WI 53171
GENERAL ARRANGEMENT & ELEVATIONS FULL BUILD

ASSET NO. 21109

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SHEET	G1.0	

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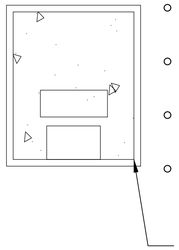

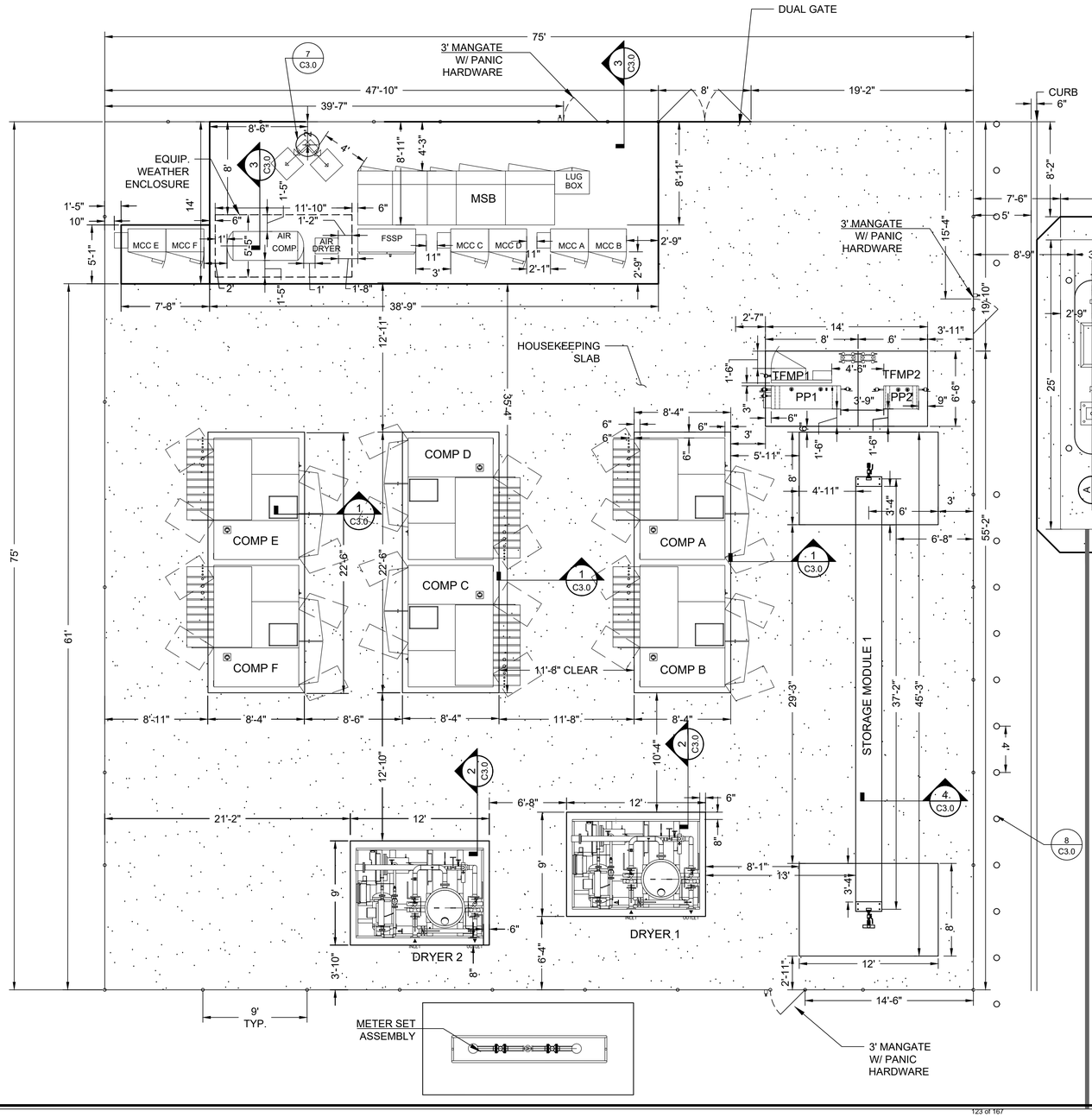

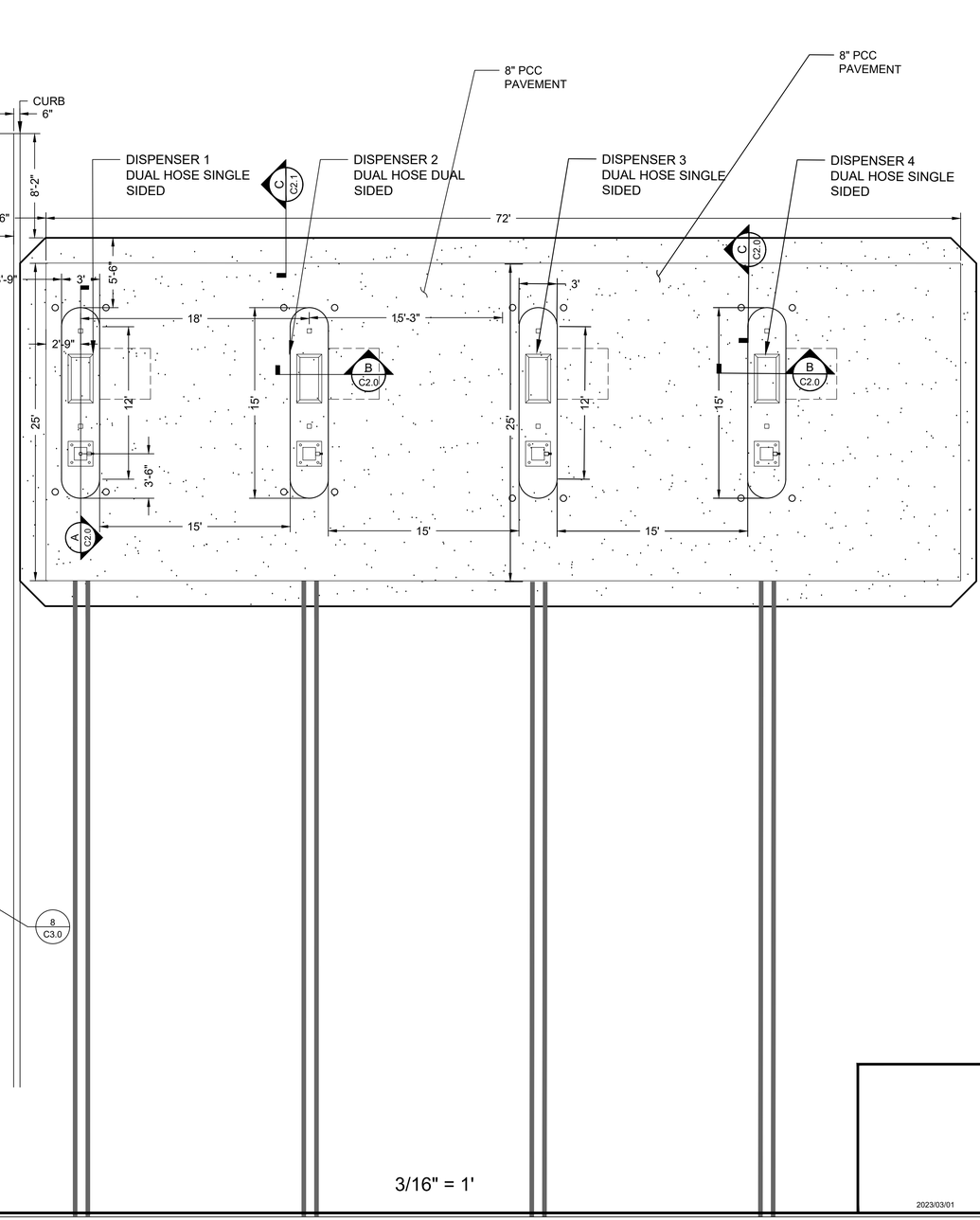

3/16" = 1'

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CNG FUELING STATION
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ENLARGED PLAN

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2023/03/01

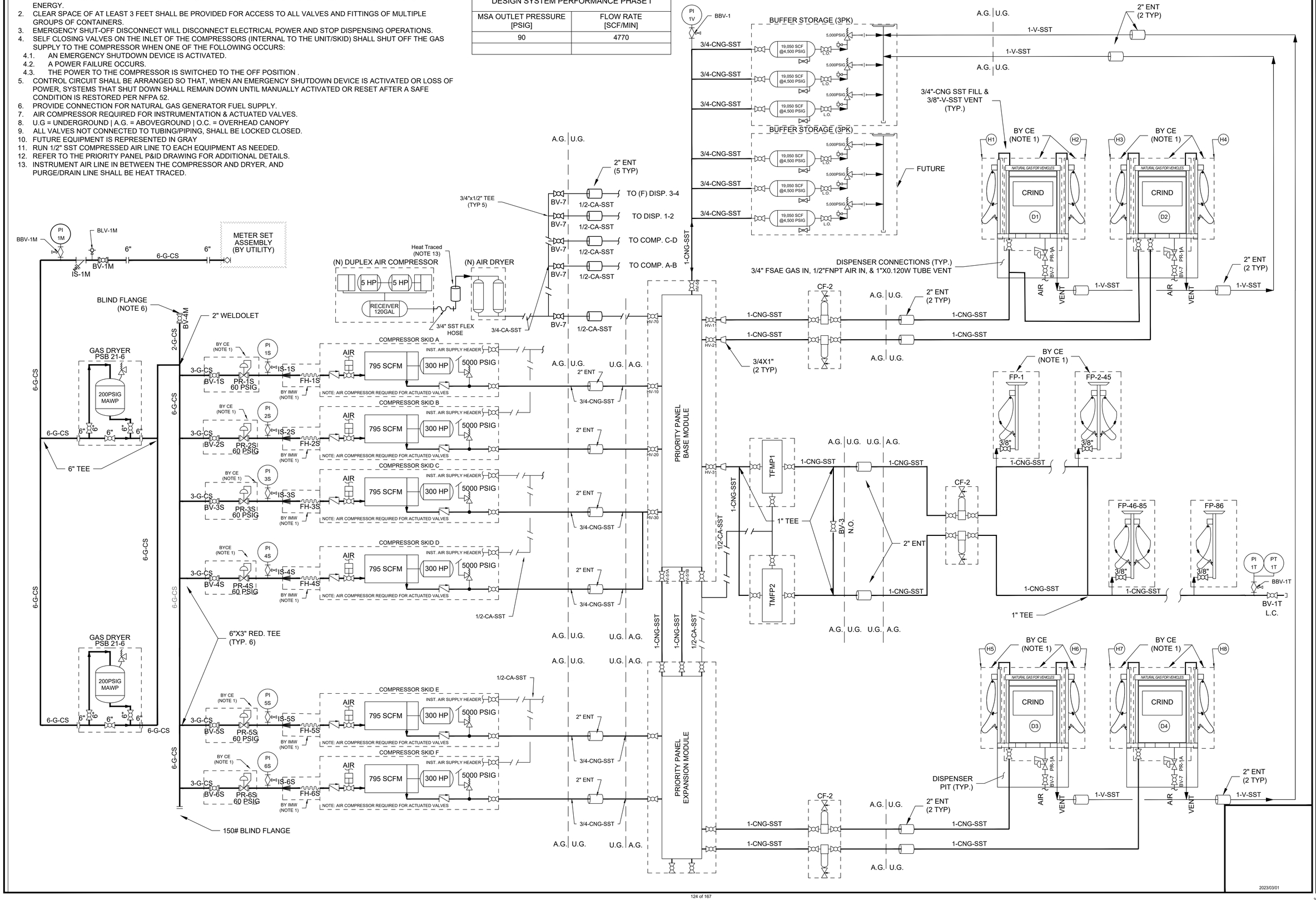
C:\Users\arturo.moreno\Clean Energy Fuels Corp\Engineering Design - Projects\MKE - Kenosha, WI - 21109\03. Drawings\Sheet Set (CAD Plan Set)\SP1.1 ENLARGED EQUIPMENT LAYOUT-32T.dwg

3/1/2023 4:54:40 PM

GENERAL NOTES:

1. EQUIPMENT INSIDE THE DASHED LINE IS PART OF THE MANUFACTURER'S FACTORY ASSEMBLY PROVIDED BY CLEAN ENERGY.
2. CLEAR SPACE OF AT LEAST 3 FEET SHALL BE PROVIDED FOR ACCESS TO ALL VALVES AND FITTINGS OF MULTIPLE GROUPS OF CONTAINERS.
3. EMERGENCY SHUT-OFF DISCONNECT WILL DISCONNECT ELECTRICAL POWER AND STOP DISPENSING OPERATIONS.
4. SELF CLOSING VALVES ON THE INLET OF THE COMPRESSORS (INTERNAL TO THE UNIT/SKID) SHALL SHUT OFF THE GAS SUPPLY TO THE COMPRESSOR WHEN ONE OF THE FOLLOWING OCCURS:
   - 4.1. AN EMERGENCY SHUTDOWN DEVICE IS ACTIVATED.
   - 4.2. A POWER FAILURE OCCURS.
   - 4.3. THE POWER TO THE COMPRESSOR IS SWITCHED TO THE OFF POSITION .
5. CONTROL CIRCUIT SHALL BE ARRANGED SO THAT, WHEN AN EMERGENCY SHUTDOWN DEVICE IS ACTIVATED OR LOSS OF POWER, SYSTEMS THAT SHUT DOWN SHALL REMAIN DOWN UNTIL MANUALLY ACTIVATED OR RESET AFTER A SAFE CONDITION IS RESTORED PER NFPA 52.
6. PROVIDE CONNECTION FOR NATURAL GAS GENERATOR FUEL SUPPLY.
7. AIR COMPRESSOR REQUIRED FOR INSTRUMENTATION & ACTUATED VALVES.
8. U.G = UNDERGROUND | A.G. = ABOVEGROUND | O.C. = OVERHEAD CANOPY
9. ALL VALVES NOT CONNECTED TO TUBING/PIPING, SHALL BE LOCKED CLOSED.
10. FUTURE EQUIPMENT IS REPRESENTED IN GRAY
11. RUN 1/2" SST COMPRESSED AIR LINE TO EACH EQUIPMENT AS NEEDED.
12. REFER TO THE PRIORITY PANEL P&ID DRAWING FOR ADDITIONAL DETAILS.
13. INSTRUMENT AIR LINE IN BETWEEN THE COMPRESSOR AND DRYER, AND PURGE/DRAIN LINE SHALL BE HEAT TRACED.

DESIGN SYSTEM PERFORMANCE PHASE I	
MSA OUTLET PRESSURE [PSIG]	FLOW RATE [SCF/MIN]
90	4770



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Clean Energy

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TEL: 949.437.1000 | FAX: 949.437.1001 | WWW.CLEANENERGYFUELS.COM

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CNG FUELING STATION
MKE - KENOSHA CNG FUELING STATION
1ST STREET
SOMERS, WI 53171
PIPING & INSTRUMENTATION DIAGRAM (P&ID)

ASSET NO:21109

DATE	DRAWN BY:	xRS
03/01/2023	CHECKED BY:	ML
SCALE		
SHEET	P1.0	

2023/03/01

C:\Users\arturo.moreno\Clean Energy Fuels Corp\Engineering Design - Projects\MKE - Kenosha, WI - 21109\03 - Drawings\Sheet Set (CAD Plan Set)\P-I&D TRUCK STOP.dwg

EQUIPMENT SCHEDULE (PHASE I)

ITEM NO	MARK	QTY.	DESCRIPTION	MFR.	MODEL NO.	MAWP [PSIG]	SERVICE PRESSURE [PSIG]	NOTE
1	-	2	GAS DRYER	PSB	NG-SR-21-6-DDP (CE P/N: 552055)	200	90	
2	SKID A-F	6	CNG COMPRESSOR SKID	CECC	IMW50-6750DA-300-4500-5AC		60 (SUCTION) 4500 (DISCHARGE)	300 HP, 795 SCFM @ 60 PSIG SUCTION
3	CF-2	3	TWIN COALESCING FILTER ASSY.	FILTER: PARKER FILTER RACK: CEC	JN4D-4CN (CEC P/N: 511342)	5,000	4,300	1" NPT (INLET & OUTLET) W/ DP GAUGE
4	CF-1	-	SINGLE COALESCING FILTER ASSY.	FILTER: PARKER FILTER RACK: CEC	JN4D-4CN (CEC P/N: 511339)	5,000	4,300	1" NPT (INLET & OUTLET) W/ DP GAUGE
5	-	1	CNG STORAGE VESSEL	CPI	3-PK STORAGE (CE P/N: 554115)	5,500	4,300	BUFFER CONFIG.
6	-	1	PRIORITY PANEL - BASE	CEC	CEC P/N 511410 (CE P/N: 511429)	5,000	4,300	
7	-	1	PRIORITY PANEL - EXPANSION	CEC	CEC P/N 511413			
8	TFMP1	1	TF PRIMARY METERING PANEL	ANGI	CE P/N: 554146	5,000	3,600	
9	TFMP2	1	TF ANCILLARY METERING PANEL	ANGI		5000	3,600	
10	D2	1	CNG DISPENSER 2-INLET	ANGI	NZ3 554123	4,500	3,600	CRIND, 1" MAIN INLET (BOTTOM ENTRY), 1/2" INST. AIR
11	D1, D3, D4	3	CNG DISPENSER 1-INLET	ANGI	NZ4 554122	4,500	3,600	CRIND, 1" MAIN INLET (BOTTOM ENTRY), 1/2" INST. AIR
12	H2, H4, H6	3	LIGHT DUTY HOSE	CEC	511350	4,500	3,600	12' HOSE ASSEMBLY - WEH TK-16 (NOZZLE) PARKER 5CNG-8 (1/2" FILL) PARKER 5CNG-4 (1/4" VENT)
13	H1, H3, H5	3	HEAVY DUTY HOSE	CEC	511351 (CE P/N: 511365)	4,500	3,600	12' HOSE ASSEMBLY - WEH TK-26 (NOZZLE) PARKER 5CNG-12 (3/4" FILL) PARKER 5CNG-6 (3/8" VENT)
14	FP 2-85	84	FUEL POST W/ (2) FUEL HOSE ASSY.	CEC	511007	4,500	3,600	K-RAIL TWIN HOSE - OPP. SIDE 24 LG., 1/4" FILL, OPW BREAKAWAY, STAUBLI P36 NOZ.
15	FP 1, FP 86	2	FUEL POST W/ (1) FUEL HOSE ASSY.	CEC	511005	4,500	3,600	K-RAIL ONE HOSE - 24 LG., 1/4" FILL, OPW BREAKAWAY, STAUBLI P36 NOZ.
16	ESD8-23	16	ESD POST	CEC	511159			ESD POST W/ K-RAL MOUNTING BRACKET
17	-	1	AIR DESICCANT DRYER	PSB	PSB-HL-25	200	150	COLD WEATHER PACKAGE
18	-	1	DUPLEX AIR COMPRESSOR	QUINCY	553667	200	150	480VAC, 3PH, 60HZ - 5HP MOTOR (FF325) 120 GAL RECEIVING TANK (200 MAWP) 17.4 ACFM @ 175 PSIG (EA.) 1" BALL VALVE (MAIN) 1/2" BALL VALVE (DRAIN)

VALVE AND INSTRUMENTATION SCHEDULE

TAG NO.	SIZE	CONNECTION	MATERIAL	DESCRIPTION	MFR.	PART NO.	MAWP [PSIG]	SERVICE PRESSURE [PSIG]	NOTE
BLV-1M	1/2"	MNPT	316 SS	BLEED VALVE	SWAGELOK	SS-BVM8	9,290	4,500	
BBV-1/2	1/4"	MNPT	316 SS	BLOCK & BLEED VALVE	WIKA	4339747	10,000	4,500	
BV-7	1/2"	FNPT	CS	AIR ISOLATION VALVE	PARKER	VP500CS-8	2000	150	QTY. 9
BV-1T/3	1"	SWAGED	316 SS	CNG BALL VALVE	SWAGELOK	SS-AFSS16	4,700	3,600	
BV-1S/2S/3S/4S/5S/6S	3"	CL 150 RFF	CS	GAS BALL VALVE	HABONIM	30 F73W-4466ATG/150	285	90	API 607 FIRE-RATED
BV-1M	6"	CL 150 RFF	CS	GAS BALL VALVE	HABONIM	60 F73W-4466ATG/150	285	90	API 607 FIRE-RATED
BV-4M	2"	CL 150 RFF	CS	GAS BALL VALVE	HABONIM	20 F73W-4466ATG/150	285	90	API 607 FIRE-RATED
FH-1S/2S/3S/4S/5S/6S	3"X36"	CL 150 RFF MPT SCH 80	SS	FLEX HOSE	UNISOURCE "SUPERFLEX"	SF22CSA-300-49-51-36	285	60	CSA-LISTED
PI-1M/1S/2S/3S/4S/5S/6S	2.50"	1/4" MNPT	316 SS	PRESSURE GAUGE	WIKA	TYPE 233.30, P/N 9251669	300	90	GLYCERIN-FILLED, SOLID FRONT
PI-1V/1T	2.50"	1/4" MNPT	316 SS	PRESSURE GAUGE	WIKA	TYPE 233.30, P/N 9305629	10,000	1,000-4,500	GLYCERIN-FILLED, SOLID FRONT
PT-1T		1/4" MNPT	316 SS	PRESSURE TRANSDUCER	WIKA	N-10-A-PBT-NB-ZG2X F-ZZ	17,400	1,000-4,500	0-10,000 PSIG RANGE, 4-20 mA, 2wire, CLASS 1 DIV 2, CSA APPROVED
PR-1S/2S/3S/4S/5S/6S	3"	CL 150 RFF	DI	PRESSURE REGULATOR	KIMRAY	AKQD5	250	90	SET @ 60 PSIG (VALVE 50% OPEN)
PR-1A	1/4"	FNPT	-	AIR FILTER REGULATOR	CONTROL AIR	330 TYPE (330-BCBAFX)	150	150	SET @ 90PSIG, QTY. 4
IS-1M	6"	CL 150 RFF	CS	INLET Y-STRAINER	KECKLEY	62RFY-CSM40M36-SBB-SA7	285	90	
IS-1S/2S/3S/4S/5S/6S	3"	CL 150 RFF	SS	INLINE CONE STRAINER	FPS	CS-S03-150-40_W40	185	90	

PIPE AND TUBING SCHEDULE

MARK	SIZE	BASIS	SCH	WALL THK [IN]	MATERIAL	SPECIFICATION	MAWP [PSIG]	SERVICE PRESSURE [PSIG]	SERVICE TEMP. [°F]	TEST PRESSURE [PSIG]	NOTE
1-V-SST	1"	OD	316 SS	0.120	316 SS	ASTM A269	5,280	5,000	30-130	N/A	0.120" MIN. WALL SEAMLESS TUBE
2-G-CS	2"	NPS	40	0.154	CS	ASTM A106B	1,203	90	30-110	220	SEAMLESS PIPE
3-G-CS	3"	NPS	40	0.216	CS	ASTM A106B	1,460	60	30-110	220	SEAMLESS PIPE
6-G-CS	6"	NPS	40	0.280	CS	ASTM A106B	1,100	90	30-110	220	SEAMLESS PIPE
6-G-CS2	6"	NPS	80	0.434	CS	ASTM A106B	1,100	90	30-110	220	SEAMLESS PIPE
3/8-CNG-SST	3/8"	OD	(TUBE)	0.065	316 SS	ASTM A269	6,820	4,500	30-130	5500	SEAMLESS TUBE
1/2-CNG-SST	1/2"	OD	(TUBE)	0.083	316 SS	ASTM A269	6,810	4,500	30-130	5500	SEAMLESS TUBE
1/2-CA-SST	1/2"	OD	(TUBE)	0.035	316 SS	ASTM A269	2,600	150	30-130	165	SEAMLESS TUBE
3/4-CA-SST	3/4"	OD	(TUBE)	0.065	316 SS	ASTM A269	2,930	150	30-130	165	SEAMLESS TUBE
3/4-CNG-SST	3/4"	OD	(TUBE)	0.109	316 SS	ASTM A269	5,880	4,500	30-130	5500	SEAMLESS TUBE
1-CNG-SST	1"	OD	(TUBE)	0.134	316 SS	ASTM A269	5,280*	4,500*	30-130	5500*	SEAMLESS TUBE
1-CNG-SST-C	1"	OD	(TUBE)	0.139	316 SS	ASTM A269	5,500	4,500	30-130	5500	COILED SEAMLESS TUBE

* EXCEPTION: 1" CNG SST DOWNSTREAM OF TIME FILL METERING PANEL- DESIGN PRESSURE: 4500 PSIG, TEST PRESSURE: 5000 PSIG

LEGEND

LINE DESIGNATION

LINE SIZE — 3-G-HDPE — PRODUCT / MATERIAL

ABBREVIATIONS

A	AIR	RR	REMOVE AND REPLACE
A.G.	ABOVE GROUND	S	SOLENOID
CNG	COMPRESSED NATURAL GAS	SS	STAINLESS STEEL
CS	CARBON STILL (SCH. 40)	SST	STAINLESS STEEL TUBE
CS2	CARBON STEEL (SCH. 80)	(TYP)	TYPICAL
XXS	CARBON STEEL (SCH. XXS)	U.G.	UNDERGROUND
D	DRAIN	V	VENT
ESD	EMERGENCY SHUTDOWN		
(E)	EXISTING		
(F)	FUTURE		
FP	FUEL POST		
FMT	FUEL MNGMNT. TERMINAL		
G	NATURAL GAS (0-400 PSIG)		
H	HIGH		
L	LOW		
L.G.	LOCKED OPEN		
L.C.	LOCKE CLOSED		
M	METER		
(N)	NEW		
N.C.	NORMALLY CLOSED		
N.O.	NORMALLY OPEN		
PI	PRESSURE INDICATOR		
PEP	POLYETHYLENE PIPE		
PRV	PRESSURE RELIEF VALVE		

SYMBOLS

BALL VALVE	RELIEF VALVE
NORMALLY CLOSED VALVE	FLEXIBLE HOSE
CHECK VALVE	PLUG
NEEDLE VALVE	CAP
PLUG VALVE	UNION
3-WAY VALVE	HOSE COUPLING
BLOCK AND BLEED VALVE	THREADED PLUG
PRESSURE REGULATOR (SETTING AS NOTED)	FILTER
BLEED OR PURGE VALVE	FLEX CONNECTOR
GAS-ACTUATED VALVE	PRESSURE INDICATOR (RANGE AS NOTED)
SOLENOID VALVE	PIPE REDUCTION/ EXPANSION CONICAL
SOLENOID VALVE (3-WAY)	STRAINER (BUILT-IN)
LOCAL INSTRUMENT OR GAUGE	PRIMARY LOCATION PROGRAMMABLE LOGIC CONTROL
PANEL MOUNTED INSTRUMENT OR GAUGE	ELECTRICAL SIGNAL
POINT OF CONNECTION	PNEUMATIC SIGNAL

REV	DATE	REVISIONS	BY
A	2/28/2023	30% DRAWINGS	PB

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REDUCED PLAN
CAUTION: THIS DRAWING MAY BE REDUCED
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DATE: 2023/03/01	DRAWN BY: XXX
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SHEET: P1.1	

2023/03/01

3/1/2023 4:55:17 PM

SERVICE CONDUITS PER UTILITY CO.

T-1 (EST) 2500 KVA
XXkV-480Y/277V
UTILITY TRANSFORMER
3Ø, 4W
Z= 5.75% (ASSUMED)

SHORT CIRCUIT AVAILABLE: TBD

C400

MOBILE GENERATOR
(FURNISHED BY OTHERS)

TERMINAL LUG BOX

C401

STANDBY GENERATOR SEQUENCE:
UNDER NORMAL OPERATION THE GAS DRYER AND ALL OF THE COMPRESSORS ARE ENABLED TO OPERATE.

IN THE EVENT UTILITY POWER IS LOST, A MOBILE GENERATOR CAN BE BROUGHT IN AND THE OPERATOR WILL SWITCH OVER TO THE GENERATOR USING THE KIRK KEY INTERFACE. UNDER GENERATOR POWER, UP TO (4) COMPRESSORS, A GAS DRYER, AND AUXILIARY LOADS WILL BE ENABLED TO OPERATE. THE REMAINING EQUIPMENT WILL REMAIN OFF UNTIL NORMAL POWER IS RESTORED AND THE OPERATOR USES THE KIRK KEY INTERFACE TO MANUALLY RESTORE THE SYSTEM TO NORMAL POWER.

SHEET NOTES:
1. UTILITY COMPANY TRANSFORMER. CONTRACTOR TO PROVIDE REQUIRED SLAB BOX AND ALL ASSOCIATED UNDERGROUND CONDUITS AND GROUNDING PER UTILITY COMPANY CONSTRUCTION DOCUMENTS.
2. LOCATION AND TYPE OF UTILITY METER TO BE COORDINATED WITH LOCAL UTILITY COMPANY.
3. ALL PROTECTIVE DEVICES ARE FULLY RATED.
4. BOTH HOT AND NEUTRAL OF DISPENSER POWER TO BE DISRUPTED BY CIRCUIT BREAKER AND ESD EVENT.
5. CONTRACTOR TO PROVIDE ASTRONOMICAL TIME CLOCK FOR CANOPY FASCIA LIGHT CIRCUITS AND MOUNT IN THE NEAREST MOST ACCESSIBLE AREA TO PANEL 'LA'.
6. ALL BREAKERS RATED 1200A OR HIGHER TO HAVE ARC ENERGY REDUCTION MAINTENANCE SWITCHING, PER NEC 240.87.

INTEGRATED MAIN SWITCHBOARD "MSB" NEMA 3R, 65KAIC PANEL FULLY RATED

M — MAIN BREAKER

6 — MCB1
3,000AF/3,000AT
3P W/ LOCKING DEVICE
65kAIC, LSIG (GFP)

K — KIRK KEY
MAIN BREAKER

KIRK KEY
GENERATOR BREAKER

LUG BOX
MCB2
2000AF
2000AT
3P, LSIG
65KAIC

480/277VAC, 3,000A COPPER BUS, 3Ø, 4W

MCB3 600AF 600AT 3P, LSI 65KAIC	MCB4 225AF 50AT 3P, LSI 65KAIC	MCB5 225AF 50AT 3P, LSI 65KAIC	MCB6 225AF 20AT 3P, LSI 65KAIC	MCB7 600AF 600AT 3P, LSI 65KAIC	MCB8 600AF 600AT 3P, LSI 65KAIC	MCB9 600AF 600AT 3P, LSI 65KAIC	MCB10 600AF 600AT 3P, LSI 65KAIC	MCB11 600AF 600AT 3P, LSI 65KAIC	MCB12 250AF 200AT 3P, LSI 65KAIC	MCB13 250AF 200AT 3P, LSI 65KAIC	MCB14 125AF 80AT 3P 100KAIC
MCC A	GAS DRYER 1	GAS DRYER 2	AIR COMP.	MCC B	MCC C	MCC D	MCC E	MCC F	PROVISIONS ONLY	PROVISIONS ONLY	PANEL LA

C410 C414 C434 C415 C420 C430 C440 C450 C460

3/4"X10' GND ROD

PSB 21-6 GAS DRYER (36.3 FLA) — #2/0 GND
PSB 21-6 GAS DRYER (36.3 FLA) — #2/0 GND

AIR COMPRESSOR (2) 5 HP (15.2 FLA)

MCC C TYPICAL OF MCC B — COMPRESSOR SKID C — TYPICAL OF SKID B
MCC D TYPICAL OF MCC B — COMPRESSOR SKID D — TYPICAL OF SKID B
MCC E TYPICAL OF MCC B — COMPRESSOR SKID E — TYPICAL OF SKID B
MCC F TYPICAL OF MCC B — COMPRESSOR SKID F — TYPICAL OF SKID B

XFMR 480-208/120V 3Ø, 30KVA Z=5.25% (ASSUMED)

110A 3P

4 DISPENSER TYPICAL

5A 1P FSSP

C200	50A, 3P	20A, 2P	C221 — SITE LIGHTS 1
C20	20A, 1P	20A, 2P	C222 — SITE LIGHTS 2
C231	20A, 2P	20A, 2P	C223 — SITE LIGHTS 3
C232	20A, 2P	15A, 1P	C100 — RECEPTACLE
C31	20A, 1P	20A, 1P	C16 — AIR DESICCANT DRYER
	20A, 1P	20A, 1P	

CANOPY LIGHTS
GATE MOTOR 1
GATE MOTOR 2
GATE ACCESS KEY PAD
SPARE, TYP.
SPARE, TYP.
PANEL "LA"

MSB - LOAD SCHEDULE - 480V 3Ø

DESCRIPTION	FLA	KVA
MCC A	404.9	333.0
MCC B	404.9	333.0
MCC C	404.9	333.0
MCC D	404.9	333.0
MCC E	404.9	333.0
MCC F	404.9	333.0
MCC G (F)	141.0	117.2
PANEL LA 30KVA TRANSFORMER	36.1	30.0
AIR COMPRESSOR	15.2	12.6
GAS DRYER 1 REGENERATION	36.3	30.2
GAS DRYER 2 REGENERATION	36.3	30.2
CONNECTED LOAD	2,694.5	2,240.2
25% OF LARGEST MOTOR LOAD	90.3	75.0
TOTAL LOAD - SWITCHBOARD "MSB"	2,784.8	2,315.2

MCC A SUPPLIED BY COMPRESSOR MFG
NEMA 4, Δ480
SCCR = 65KAIC

MCC B SUPPLIED BY COMPRESSOR MFG
NEMA 4, Δ480
SCCR = 65KAIC

CB1 LOCKABLE 600A 3P

SOFT START
CB/OL2 15A 3P — K2F
CB/OL3 15A 3P — K3F K3F
CB/OL7 15A 3P — K7
CB4 10A 3P — XFMR T1 5KVA 1ϕ 110VAC
PLC &HMI

C411 C412 C110 C421 C422 C120

480V J-BOX
120V CONTROLS

300 HP — COMPRESSOR A (361 FLA)
10 HP — COOLER MOTOR A (14 FLA)
10 HP — VENT FAN MOTOR A (14 FLA)
SPACE HEATER (5.52 FLA)

300 HP — COMPRESSOR B (361 FLA)
10 HP — COOLER MOTOR B (14 FLA)
10 HP — VENT FAN MOTOR B (14 FLA)
SPACE HEATER (5.52 FLA)

COMPRESSOR SKID A PROVIDED BY MFR
COMPRESSOR SKID B PROVIDED BY MFR

#4/0 BARE COPPER

#2/0 GROUNDING CONDUCTOR, TYP.

PANEL LA LOAD SCHEDULE 208Y / 120V

MAIN CB: 100A, 3P
A.I.C. RATING = 10K

DESCRIPTION	LOAD [VA] A	LOAD [VA] B	LOAD [VA] C	CB/P	CKT #	CKT #	CB/P	LOAD [VA] A	LOAD [VA] B	LOAD [VA] C	DESCRIPTION
	2220				1	2	20/2	520			SITE LIGHTS 1
FSSP		2220		50/3	3	4			520		
			2220		5	6	20/2			520	SITE LIGHTS 2
WEATHERPROOF GFCI RECEPTACLE	1920			20/1	7	8		520			
AIR DESICCANT DRYER		360		20/1	9	10	20/2		520		SITE LIGHTS 3
SPACE			0	-	11	12				520	
SPACE	0			-	13	14	20/2	520			SITE LIGHTS 4
SPACE		0		-	15	16			520		
SPACE			0	-	17	18	20/1			1000	CANOPY DISPENSER LIGHTS
SPACE	0			-	19	20	20/1	1000			CANOPY DOWN-LIGHTERS 5
SPACE		0		-	21	22	20/1		1000		CANOPY BACK LIT LOGO 1
SPACE			0	-	23	24	-			0	SPACE
SPACE	0			-	25	26	20/1	180			GATE ACCESS KEYPAD 1
SPACE		0		-	27	28	15/2		94		GATE MOTOR 1
SPACE			0	-	29	30				94	
SPACE	0			-	31	32	15/2	94			GATE MOTOR 2
SPACE		0		-	33	34			94		
SPACE			0	-	35	36	-			0	SPACE
SPACE	0			-	37	38	-	0			SPACE
SPACE		0		-	39	40	-		0		SPACE
SPACE			0	-	41	42	-			0	SPACE
PHASE	A	B	C								
PHASE TOTAL [VA]	6974	5328	4354								
25% OF CONTINUOUS LOAD [VA]		7160									
PANEL TOTAL [VA]		23816									
TOTAL AMPS AT 208V, 3-PH	58.1	44.4	36.3								

MCC A - LOAD SCHEDULE - 480V 3Ø

DESCRIPTION	FLA	KVA	HP
COMPRESSOR A	361.0	300.1	300.0
VENT FAN	14.0	11.6	10.0
COOLER MOTOR	14.0	11.6	10.0
XFMR 1	10.4	5.0	
SPACE HEATER	5.5	4.6	
CONNECTED LOAD	404.9	333.0	
25% OF LARGEST MOTOR LOAD	90.3	75.0	
TOTAL LOAD - "MCC A"	495.2	408.0	

MCC B - LOAD SCHEDULE - 480V 3Ø

DESCRIPTION	FLA	KVA	HP
COMPRESSOR B	361.0	300.1	300.0
VENT FAN	14.0	11.6	10.0
COOLER MOTOR	14.0	11.6	10.0
XFMR 1	10.4	5.0	
SPACE HEATER	5.5	4.6	
CONNECTED LOAD	404.9	333.0	
25% OF LARGEST MOTOR LOAD	90.3	75.0	
TOTAL LOAD - "MCC B"	495.2	408.0	

MCC C - LOAD SCHEDULE - 480V 3Ø

DESCRIPTION	FLA	KVA	HP
COMPRESSOR C	361.0	300.1	300.0
VENT FAN	14.0	11.6	10.0
COOLER MOTOR	14.0	11.6	10.0
XFMR 1	10.4	5.0	
SPACE HEATER	5.5	4.6	
CONNECTED LOAD	404.9	333.0	
25% OF LARGEST MOTOR LOAD	90.3	75.0	
TOTAL LOAD - "MCC C"	495.2	408.0	

MCC D - LOAD SCHEDULE - 480V 3Ø

DESCRIPTION	FLA	KVA	HP
COMPRESSOR D	361.0	300.1	300.0
VENT FAN	14.0	11.6	10.0
COOLER MOTOR	14.0	11.6	10.0
XFMR 1	10.4	5.0	
SPACE HEATER	5.5	4.6	
CONNECTED LOAD	404.9	333.0	
25% OF LARGEST MOTOR LOAD	90.3	75.0	
TOTAL LOAD - "MCC D"	495.2	408.0	

MCC E - LOAD SCHEDULE - 480V 3Ø

DESCRIPTION	FLA	KVA	HP
COMPRESSOR E	361.0	300.1	300.0
VENT FAN	14.0	11.6	10.0
COOLER MOTOR	14.0	11.6	10.0
XFMR 1	10.4	5.0	
SPACE HEATER	5.5	4.6	
CONNECTED LOAD	404.9	333.0	
25% OF LARGEST MOTOR LOAD	90.3	75.0	
TOTAL LOAD - "MCC E"	495.2	408.0	

MCC F - LOAD SCHEDULE - 480V 3Ø

DESCRIPTION	FLA	KVA	HP
COMPRESSOR F	361.0	300.1	300.0
VENT FAN	14.0	11.6	10.0
COOLER MOTOR	14.0	11.6	10.0
XFMR 1	10.4	5.0	
SPACE HEATER	5.5	4.6	
CONNECTED LOAD	404.9	333.0	
25% OF LARGEST MOTOR LOAD	90.3	75.0	
TOTAL LOAD - "MCC F"	495.2	408.0	

REV	DATE	REVISIONS	30% DRAWINGS	PB
A	2/28/2023			BY

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REDUCED PLAN
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24" IN ORIGINAL DRAWING
0 1 2 3

Clean Energy

4615 MAC ARTHUR COURT, STE. 801 | NEWPORT BEACH, CA 92660
(949) 474-2330 | FAX (949) 474-2338 | WWW.CLEANENERGYFUELS.COM

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CNG FUELING STATION
MKE - KENOSHA CNG FUELING STATION
1ST STREET
SOMERS, WI 53171
SINGLE LINE DIAGRAM
ASSET NO:21109

DATE	DRAWN BY:	PB
3/1/2023	CHECKED BY:	ML
SCALE		
SHEET	E1.0	

2023/03/01

3/1/2023 4:55:30 PM

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CONDUIT SCHEDULE
480 V CONDUIT RUNS

CONDUIT #	QTY	SIZE	FROM	TO	CU CONDUCTORS/ CONDUIT	FILL (%)	FLA	REQD AMPS	LENGTH	VOLTAGE DROP
C400	8	3-1/2"	UTILITY XFMR	MSB SERVICE ENTRANCE	(4) 500 KCMIL	23.29	2508	3000	40	0.12%
C401	6	3"	LUG BOX	MSB	(3) 400 KCMIL + 250 KCMIL GND	26.35	2000	2000	40	0.15%
C410	2	3"	MSB	MCC A	(3) 350 KCMIL + #1 GND	27.44	404.9	485.2	60	0.23%
C411	2	2-1/2"	MCC A	SKID A COMPRESSOR A	(3) 250 KCMIL + #1 GND	22.7	361	451.25	60	0.24%
				SKID A 480V JBOX COOLER A	(3) #12 + #12 GND			14	17.5	60	0.75%
C412	1	1 1/2"	MCC A	SKID A 480V JBOX VENT FAN A	(3) #12 + #12 GND	18.0		14	17.5	60	0.75%
				SKID A 480V JBOX SPACE HEATER	(2) #12 + #12 GND			14	17.5	60	0.75%
C414	1	1"	MSB	GAS DRYER 1	(3) #8 AWG + #10 GND	26.79	34	42.5	50	0.48%
C415	1	1"	MSB	AIR COMPRESSOR	(3) #12 AWG + #12 GND	10.5	15.2	19	50	0.54%
C420	2	3"	MSB	MCC B	(3) 350 KCMIL + #1 GND	27.44	404.9	485.2	60	0.23%
C421	2	2 1/2"	MCC B	SKID B COMPRESSOR B	(3) 250 KCMIL + #1 GND	22.7	361	451.25	60	0.24%
				SKID B 480V JBOX COOLER B	(3) #12 + #12 GND			14	17.5	60	0.75%
C422	1	1 1/2"	MCC B	SKID B 480V JBOX VENT FAN B	(3) #12 + #12 GND	18.0		14	17.5	60	0.75%
				SKID B 480V JBOX SPACE HEATER	(2) #12 + #12 GND			14	17.5	60	0.75%
C430	2	3"	MSB	MCC C	(3) 350 KCMIL + #1 GND	27.44	404.9	485.2	60	0.23%
C431	2	2-1/2"	MCC C	SKID C COMPRESSOR C	(3) 250 KCMIL + #1 GND	22.7	361	451.25	60	0.24%
				SKID C 480V JBOX COOLER C	(3) #12 + #12 GND			14	17.5	60	0.75%
C432	1	1 1/2"	MCC C	SKID C 480V JBOX VENT FAN C	(3) #12 + #12 GND	18.0		14	17.5	60	0.75%
				SKID C 480V JBOX SPACE HEATER	(2) #12 + #12 GND			14	17.5	60	0.75%
C434	1	1"	MSB	GAS DRYER 2	(3) #8 AWG + #10 GND	26.79	34	42.5	50	0.48%
C440	2	3"	MSB	MCC D	(3) 350 KCMIL + #1 GND	27.44	404.9	485.2	60	0.23%
C441	2	2-1/2"	MCC D	SKID D COMPRESSOR D	(3) 250 KCMIL + #1 GND	22.7	361	451.25	60	0.24%
				SKID D 480V JBOX COOLER D	(3) #12 + #12 GND			14	17.5	60	0.75%
C442	1	1-1/2"	MCC D	SKID D 480V JBOX VENT FAN D	(3) #12 + #12 GND	18.0		14	17.5	60	0.75%
				SKID D 480V JBOX SPACE HEATER	(2) #12 + #12 GND			14	17.5	60	0.75%
C450	2	3"	MSB	MCC E	(3) 350 KCMIL + #1 GND	27.44	404.9	485.2	60	0.23%
C451	2	2-1/2"	MCC E	SKID E COMPRESSOR E	(3) 250 KCMIL + #1 GND	22.7	361	451.25	60	0.24%
				SKID E 480V JBOX COOLER E	(3) #12 + #12 GND			14	17.5	60	0.75%
C452	1	1-1/2"	MCC E	SKID E 480V JBOX VENT FAN E	(3) #12 + #12 GND	18.0		14	17.5	60	0.75%
				SKID E 480V JBOX SPACE HEATER	(2) #12 + #12 GND			14	17.5	60	0.75%
C460	2	3"	MSB	MCC F	(3) 350 KCMIL + #1 GND	27.44	404.9	485.2	60	0.23%
C461	2	2-1/2"	MCC F	SKID F COMPRESSOR F	(3) 250 KCMIL + #1 GND	22.7	361	451.25	60	0.24%
				SKID F 480V JBOX COOLER F	(3) #12 + #12 GND			14	17.5	60	0.75%
C462	1	1-1/2"	MCC F	SKID F 480V JBOX VENT FAN F	(3) #12 + #12 GND	18.0		14	17.5	60	0.75%
				SKID F 480V JBOX SPACE HEATER	(2) #12 + #12 GND			14	17.5	60	0.75%
C470	1	2-1/2"	MSB	MCC G	PULL ROPE	-	-	-	-	-

208 V CONDUIT RUNS

CONDUIT #	QTY	SIZE	FROM	TO	CU CONDUCTORS/ CONDUIT	FILL (%)	FLA	REQD AMPS	LENGTH	VOLTAGE DROP
C200	1	1"	PANEL LA	FSSP	(4) #6 AWG + #10 GND	15.7	18.5	50	20	0.07%
C221	1	3/4"	PANEL LA	SITE LIGHTING 1	(3) #10 + #10 GND	10.5	3	20	175	0.38%
C222	1	3/4"	PANEL LA	SITE LIGHTING 2	(3) #10 + #10 GND	10.5	3	20	175	0.38%
C223	1	3/4"	PANEL LA	SITE LIGHTING 3	(3) #10 + #10 GND	10.5	3	20	175	0.38%
C231	1	3/4"	PANEL LA	GATE MOTOR 1	(3) #12 + #12 GND	10.5	1.8	20	100	0.13%
C232	1	3/4"	PANEL LA	GATE MOTOR 2	(3) #12 + #12 GND	10.5	1.8	20	100	0.13%

120 V CONDUIT RUNS

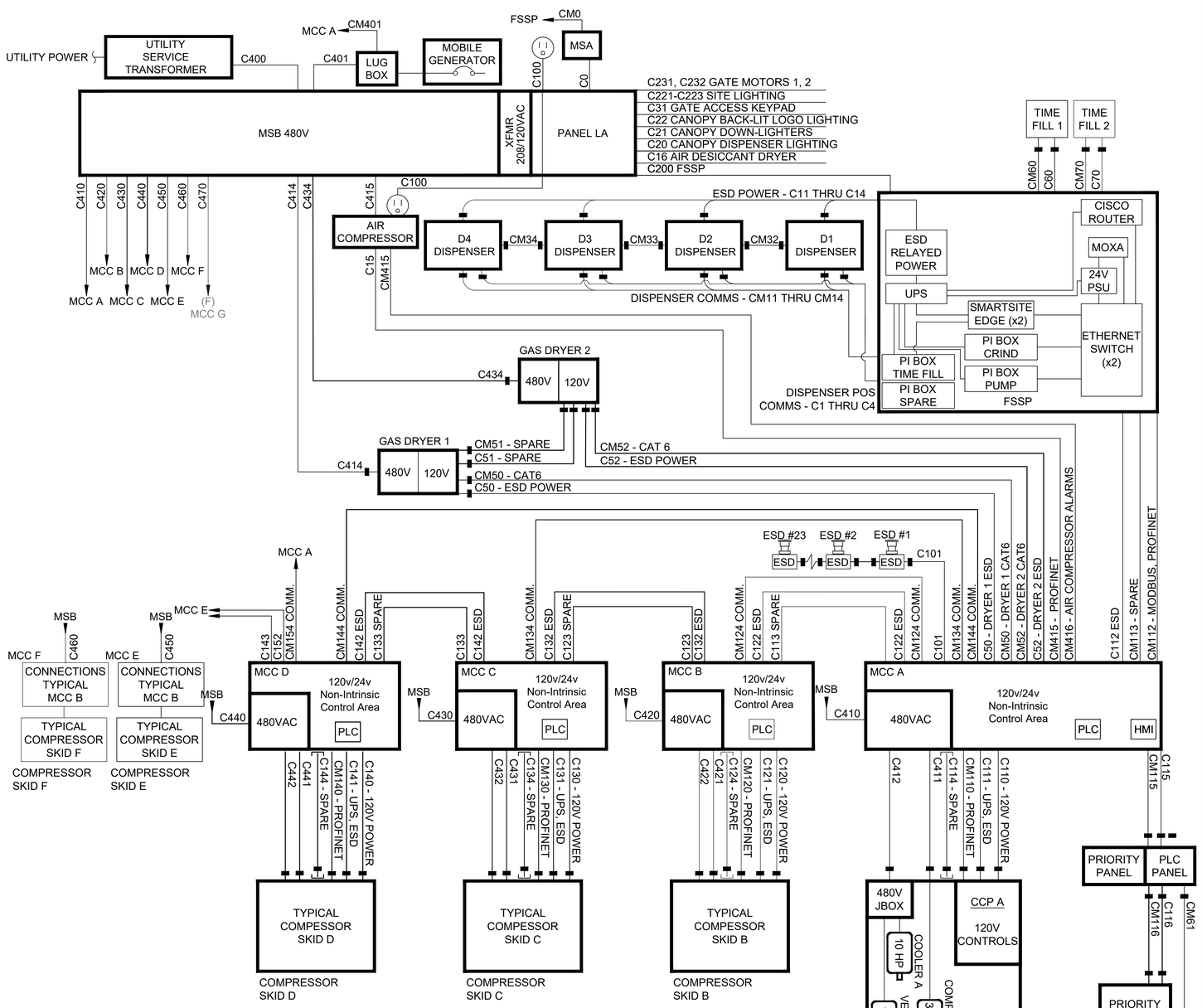
CONDUIT #	QTY	SIZE	FROM	TO	CU CONDUCTORS/ CONDUIT	FILL (%)	FLA	REQD AMPS	LENGTH	VOLTAGE DROP
C20	1	3/4"	PANEL LA	CANOPY DISPENSER LIGHTING	(2) #12 + #12 GND	10.5	10	20	50	0.36%
C21	1	3/4"	PANEL LA	CANOPY DOWN LIGHTERS	(2) #12 + #12 GND	10.5	10	20	175	1.25%
C22	1	3/4"	PANEL LA	CANOPY BACK LIT LOGO LIGHTING	(2) #12 + #12 GND	10.5	10	20	175	1.25%
C31	1	3/4"	PANEL LA	GATE ACCESS KEYPAD	(2) #12 + #12 GND	10.5	1.5	20	250	0.27%

120 V CONDUIT RUNS

CONDUIT #	QTY	SIZE	FROM	TO	CU CONDUCTORS/ CONDUIT	Notes
C0	1	1"	PANEL LA	MSA	PULL ROPE	GAS UTILITY
C11	1	1"	FSSP	DISPENSER 1 (D1)	(8) #14 AWG + #14 GND	DISPENSER POWER, MURPHY SWITCH, ESD BUTTON
C12	1	1"	FSSP	DISPENSER 2 (D2)	(8) #14 AWG + #14 GND	DISPENSER POWER, MURPHY SWITCH, ESD DUTTON
C13	1	1"	FSSP	DISPENSER 3 (D3)	(8) #14 AWG + #14 GND	DISPENSER POWER, MURPHY SWITCH, ESD BUTTON
C14	1	1"	FSSP	DISPENSER 4 (D4)	(8) #14 AWG + #14 GND	DISPENSER POWER, MURPHY SWITCH, ESD BUTTON
C15	1	1/2"	AIR COMPRESSOR	MCC A	(4) #14 AWG	480 POWER
C16	1	3/4"	PANEL LA	AIR DESICCANT DRYER	(2) #12 AWG + #12 GND	AIR DESICCANT DRYER POWER
C60	1	1"	MCC A	GAS DRYER 1	(6) #14 AWG + #14 GND	ESD POWER
C61	1	1"	GAS DRYER 1	GAS DRYER 2	PULL ROPE	SPARE
C70	1	1"	MCC A	GAS DRYER 2	(6) #14 AWG + #14 GND	LSD POWER
C60	1	1"	FSSP	TIME FILL METERING PANEL 1	(2) #12 + #12 GND, (4) #14 AWG + #14 GND	120V POWER, LSD POWER
C70	1	1"	FSSP	TIME FILL METERING PANEL 2	(2) #12 + #12 GND, (4) #14 AWG + #14 GND	120V POWER, ESD POWER
C100	1	1"	PANEL LA	RECEPTACLE	(2) #12 AWG + #12 AWG GND	CONVENIENCE WEATHERPROOF RECEPTACLE
C101	1	1"	REMOTE ESD	MCC A	(2) #14 AWG	FIELD ESD
C110	1	1/2"	MCC A	COMPRESSOR SKID A CCP A	(4) #14 AWG, (4) #14 AWG SPARE	120V POWER
C111	1	1"	MCC A	COMPRESSOR SKID A CCP A	(6) #14 AWG, (4) #14 AWG SPARE	LSD LOOP, 120V UPS, LSD POWER
C112	1	1"	MCC A	FSSP	(8) #14 AWG + (4) #14 AWG SPARE	UPS, 120V, LSD POWER, SKID LSD, 24VDC, MURPHY SWITCH
C113	1	1"	MCC A	MCC B	PULL ROPE	SPARE
C114	1	1"	MCC A	COMPRESSOR SKID A CCP A	PULL ROPE	SPARE
C115	1	1"	MCC A	PRIORITY PANEL	(6) #14 AWG + (1) #14 GND	ESD POWER VIA VFD CONTROL
C116	1	1"	PRIORITY PANEL	PRIORITY PANEL EXPANSION MODULE	(8) #14 AWG	SOLENOID POWER, SPARE
C120	1	1/2"	MCC B	COMPRESSOR SKID B CCP B	(4) #14 AWG, (4) #14 AWG SPARE	120V POWER
C121	1	1"	MCC B	COMPRESSOR SKID B CCP B	(6) #14 AWG, (4) #14 AWG SPARE	ESD LOOP, 120V UPS, ESD POWER
C122	1	1/2"	MCC B	MCC A	(4) #14 AWG, (4) #14 AWG SPARE	UPS, 120V, ESD POWER, SKID ESD, 24VDC
C123	1	1"	MCC B	MCC C	PULL ROPE	SPARE
C124	1	1"	MCC B	COMPRESSOR SKID B CCP B	PULL ROPE	SPARE
C130	1	1/2"	MCC C	COMPRESSOR SKID C CCP C	(4) #14 AWG, (4) #14 AWG SPARE	120V POWER
C131	1	1"	MCC C	COMPRESSOR SKID C CCP C	(6) #14 AWG, (4) #14 AWG SPARE	ESD LOOP, 120V UPS, ESD POWER
C132	1	1/2"	MCC C	MCC B	(4) #14 AWG, (4) #14 AWG SPARE	UPS, 120V, ESD POWER, SKID ESD, 24VDC
C133	1	1"	MCC C	MCC D	PULL ROPE	SPARE
C134	1	1"	MCC C	COMPRESSOR SKID C CCP C	PULL ROPE	SPARE
C140	1	1/2"	MCC D	COMPRESSOR SKID D CCP D	(4) #14 AWG, (4) #14 AWG SPARE	120V POWER
C141	1	1"	MCC D	COMPRESSOR SKID D CCP D	(6) #14 AWG, (4) #14 AWG SPARE	ESD LOOP, 120V UPS, ESD POWER
C142	1	1/2"	MCC D	MCC C	(4) #14 AWG, (4) #14 AWG SPARE	UPS, 120V, ESD POWER, SKID ESD, 24VDC
C144	1	1"	MCC D	COMPRESSOR SKID D CCP D	PULL ROPE	SPARE
C143	1	1"	MCC D	MCC F	PULL ROPE	SPARE
C150	1	1/2"	MCC E	COMPRESSOR SKID E CCP E	(4) #14 AWG, (4) #14 AWG SPARE	120V POWER
C151	1	1"	MCC E	COMPRESSOR SKID E CCP E	(6) #14 AWG, (4) #14 AWG SPARE	LSD LOOP, 120V UPS, LSD POWER
C152	1	1/2"	MCC D	MCC E	(4) #14 AWG, (4) #14 AWG SPARE	UPS, 120V, LSD POWER, SKID LSD, 24VDC
C153	1	1"	MCC E	MCC F	PULL ROPE	SPARE
C154	1	1"	MCC E	COMPRESSOR SKID E CCP E	PULL ROPE	SPARE
C160	1	1/2"	MCC F	COMPRESSOR SKID F CCP F	(4) #14 AWG, (4) #14 AWG SPARE	120V POWER
C161	1	1"	MCC F	COMPRESSOR SKID F CCP F	(6) #14 AWG, (4) #14 AWG SPARE	LSD LOOP, 120V UPS, LSD POWER
C162	1	1/2"	MCC F	MCC E	(4) #14 AWG, (4) #14 AWG SPARE	UPS, 120V, LSD POWER, SKID LSD, 24VDC

COMMUNICATION CONDUITS

CONDUIT #	QTY	SIZE	FROM	TO	CU CONDUCTORS/ CONDUIT	Notes
CM0	1	1"	FSSP	MSA	PULL ROPE	SPARE
CM1	1	1"	FSSP	DISPENSER 1 (D1)	(2) BELDEN 8760	2 WIRE POS TO AC J BOX
CM2	1	1"	FSSP	DISPENSER 2 (D2)	(2) BELDEN 8760	2 WIRE POS TO AC J BOX
CM3	1	1"	FSSP	DISPENSER 3 (D3)	(2) BELDEN 8760	2-WIRE POS TO AC J-BOX
CM4	1	1"	FSSP	DISPENSER 4 (D4)	(2) BELDEN 8760	2-WIRE POS TO AC J-BOX
CM11	1	1"	FSSP	DISPENSER 1 (D1)	(1) DELDEN 3105A + (1) DELDEN 7960A	MODBUS, PROFINET TO LOW VOLTAGE J-BOX
CM12	1	1"	FSSP	DISPENSER 2 (D2)	(1) DELDEN 3105A + (1) DELDEN 7960A	MODBUS, PROFINET TO LOW VOLTAGE J-BOX
CM13	1	1"	FSSP	DISPENSER 3 (D3)	(1) RFI DFN 3105A + (1) RFI DFN 7960A	MODBUS, PROFINET TO LOW VOLTAGE J-BOX
CM14	1	1"	FSSP	DISPENSER 4 (D4)	(1) RFI DFN 3105A + (1) RFI DFN 7960A	MODBUS, PROFINET TO LOW VOLTAGE J-BOX
CM20	1	1"	FSSP	CANOPY COLUMN	EMPTY W/ PULL STRING	SPARE
CM21	1	2"	FSSP	LICENSE PLATE CAMERA	EMPTY W/ PULL STRING	COMPOUND CAMERA
CM22	1	2"	FSSP	ENTRY LICENSE PLATE READERS	EMPTY W/ PULL STRING	CAMERA TO VIEW MAIN ENTRANCE (LPR)
CM23	1	2"	FSSP	EXIT LICENSE PLATE READERS	EMPTY W/ PULL STRING	CAMERA TO VIEW MAIN DRIVING AREA (LPR)
CM24	1	2"	FSSP	CONTEXT CAMERA	EMPTY W/ PULL STRING	CONTEXT CAMERA
CM25	1	2"	FSSP	CONTEXT CAMERA	EMPTY W/ PULL STRING	CONTEXT CAMERA
CM26	1	2"	FSSP	CONTEXT CAMERA	EMPTY W/ PULL STRING	CONTEXT CAMERA
CM27	1	2"	FSSP	CONTEXT CAMERA	EMPTY W/ PULL STRING	CONTEXT CAMERA
CM28	1	2"	FSSP	CONTEXT CAMERA	EMPTY W/ PULL STRING	CONTEXT CAMERA
CM29	1	2"	FSSP	CONTEXT CAMERA	EMPTY W/ PULL STRING	CONTEXT CAMERA
CM32	1	1"	DISPENSER 1 (D1)	DISPENSER 2 (D2)	(1) DELDEN 3105A	MODBUS DAISY CHAIN
CM33	1	1"	DISPENSER 2 (D2)	DISPENSER 3 (D3)	(1) BELDEN 3105A	MODBUS DAISY CHAIN
CM34	1	1"	DISPENSER 3 (D3)	DISPENSER 4 (D4)	(1) RFI DFN 3105A	MODBUS DAISY CHAIN
CM50	1	1"	MCC A	GAS DRYER 1	(1) CAT6, (4) #14 AWG	GAS DRYER COMMS, LOW VOLTAGE COMMS
CM51	1	1"	GAS DRYER 1	GAS DRYER 2	SPARE	GAS DRYER COMMS
CM52	1	1"	GAS DRYER 2	MCC A	(1) CAT6, (4) #14 AWG	GAS DRYER COMMS, LOW VOLTAGE COMMS
CM60	1	1"	FSSP	TIME FILL METERING PANEL 1	(1) CAT6, (2) DELDEN 8760, (1) DELDEN 3105 A	ETHERNET COMM, 2 WIRE COMMS, MODBUS
CM61	1	1/2"	PRIORITY PANEL 1	PRESSURE TRANSMITTER (PT-1T)	(1) BELDEN 8760	2 WIRE COMMS
CM70	1	1"	FSSP	TIME FILL METERING PANEL 2	(1) CAT6, (2) DELDEN 8760, (1) DELDEN 3105 A	PROFINET COMMS, 2 WIRE COMMS, MODBUS
CM110	1	1/2"	MCC A	COMPRESSOR SKID A CCP A	(1) RFI DFN 7960A	PROFINET COMMS
CM112	1	1"	MCC A	FSSP	(1) RFI DFN 3105A + (1) RFI DFN 7960A	MODBUS, PROFINET COMMS
CM113	1	1"	MCC A	FSSP	PULL ROPE	SPARE
CM115	1	1"	MCC A	PRIORITY PANEL	(1) RFI DFN 7960A + (2) #14 AWG	PROFINET COMMS, 24V DC POWER
CM116	1	1"	PRIORITY PANEL	PRIORITY PANEL EXPANSION MODULE	(2) DELDEN 8760	PRESSURE TRANSMITTER 2 WIRE COMMS
CM120	1	1/2"	MCC B	COMPRESSOR SKID B CCP B	(1) RFI DFN 7960A	PROFINET COMMS
CM124	1	1/2"	MCC B	MCC A	(1) DELDEN 7960A	PROFINET COMMS
CM130	1	1/2"	MCC C	COMPRESSOR SKID C CCP C	(1) RFI DFN 7960A	PROFINET COMMS
CM134	1	1/2"	MCC C	MCC A	(1) RFI DFN 7960A	PROFINET COMMS
CM140	1	1/2"	MCC D	COMPRESSOR SKID D CCP D	(1) BELDEN 7960A	PROFINET COMMS
CM144	1	1/2"	MCC D	MCC A	(1) DELDEN 7960A	PROFINET COMMS
CM150	1	1/2"	MCC E	COMPRESSOR SKID E CCP E	(1) RFI DFN 7960A	PROFINET COMMS
CM154	1	1/2"	MCC E	MCC A	(1) RFI DFN 7960A	PROFINET COMMS
CM160	1	1/2"	MCC F	COMPRESSOR SKID E CCP E	(1) RFI DFN 7960A	PROFINET COMMS
CM164	1	1/2"	MCC F	MCC A	(1) DELDEN 7960A	PROFINET COMMS
CM401	1	1"	MCC A	LUG BOX	PULL ROPE	GENERATOR RUNNING COMMS.
CM415	1	1"	AIR COMPRESSOR	MCC A	(8) #14 AWG + (2) #14 AWG SPARE	AIR COMPRESSOR ALARMS



REV	DATE	REVISIONS
A	2/28/2023	30% DRAWINGS
		PB
		BY

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Clean Energy

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CNG FUELING STATION
MKE - KENOSHA CNG FUELING STATION
1ST STREET
SOMERS, WI 53171
CONDUIT SCHEDULE

ASSET NO: 21109

DATE	DRAWN BY:	
3/1/2023	CHECKED BY:	ML
SCALE		
SHEET	E2.0	

2023/03/01

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PROPOSED IMPROVEMENTS FOR

CNG FUELING STATION

1ST STREET, SOMERS WI

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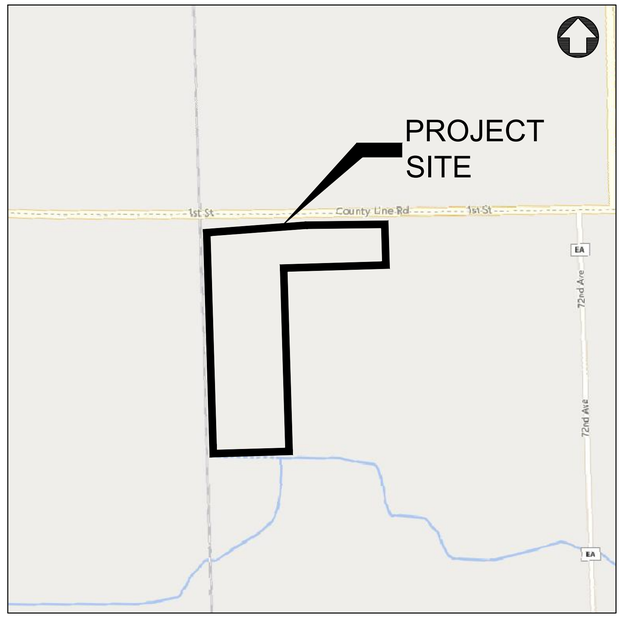
LOCATION MAP



SECTION 4, TOWNSHIP 2N, RANGE 22E

EXISTING LEGEND

- EXISTING TREE
- CURB & GUTTER
- EXISTING BUILDING
- PCC SIDEWALK
- G — GAS SERVICE
- E — ELECTRIC SERVICE
- STORM SEWER
- SANITARY SEWER
- W — WATER MAIN
- TV — CABLE LINE
- OH — OVERHEAD UTILITY LINE
- T — COMMUNICATION LINE
- FO — FIBER OPTIC LINE
- X — FENCE
- D — STORM STRUCTURE
- S — SANITARY MANHOLE
- CLEANOUT
- W — WATER METER
- W — VALVE VAULT
- VALVE BOX
- HYDRANT
- G — GAS METER
- E — ELECTRIC METER
- PARKING LOT LIGHT
- UTILITY POLE
- GUY WIRE
- TRANSFORMER
- FO — FIBER OPTIC BOX
- FP — FIBER OPTIC PEDESTAL
- TV — CABLE PEDESTAL
- T — PHONE PEDESTAL
- E — ELECTRIC PEDESTAL
- 100 — MAJOR CONTOUR
- 100 — MINOR CONTOUR

PROPOSED LEGEND

- CURB & GUTTER
- REVERSE PITCH CURB & GUTTER
- DEPRESSED CURB & GUTTER
- PROPOSED BUILDING
- CONCRETE SIDEWALK
- STANDARD DUTY ASPHALT
- HEAVY DUTY ASPHALT
- HEAVY DUTY CONCRETE
- GRAVEL (BY OTHERS)
- ROADWAY ASPHALT (PER VILLAGE OF SOMERS STANDARDS)
- ASPHALT PATH - MATCH EX. PAVEMENT SECTION
- STORM SEWER
- SANITARY SEWER
- W — WATER MAIN
- X — FENCE
- D — STORM STRUCTURE
- DOWNSPOUT CONNECTION
- S — SANITARY MANHOLE
- CLEANOUT
- W — WATER METER
- W — VALVE VAULT
- VALVE BOX
- HYDRANT
- G — GAS METER
- E — ELECTRIC METER
- PARKING LOT LIGHT
- FLOW ARROW
- OVERLAND FLOOD ROUTE
- 100.00 TW — TOP OF SIDEWALK GRADE
- 100.00 TC — TOP OF CURB GRADE
- 100.00 P — PAVEMENT GRADE
- 100.00 G — GROUND GRADE
- 100 — MAJOR CONTOUR
- 100 — MINOR CONTOUR

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WISCONSIN
GREG HOREJS
E-45136
DOWNERS GROVE, IL
PROFESSIONAL ENGINEER

REVISIONS

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PROPOSED IMPROVEMENTS FOR
CNG FUELING STATION
1ST STREET
SOMERS, WI

PROJ NO: 220259
ENG : GPH
DATE : 03/24/2023

SHEET TITLE
SITE LOCATION MAP & CIVIL LEGEND

SHEET NUMBER
C0.0
1 OF 23

GENERAL REQUIREMENTS:

1. ALL WORK SHALL BE IN CONFORMANCE WITH THE APPLICABLE SECTIONS OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION (WISDOT) "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION IN WISCONSIN" AND THE "STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN" (HEREIN AFTER REFEREED TO AS STANDARD SPECIFICATIONS), LATEST EDITION, AND THE "CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK," AS PUBLISHED BY THE WDNR
2. SCOPE OF WORK: THE PROPOSED IMPROVEMENTS CONSIST OF SUPPLYING ALL THE NECESSARY LABOR, MATERIAL AND EQUIPMENT TO SATISFACTORILY CONSTRUCT AND INSTALL ALL IMPROVEMENTS ACCORDING TO THE PLANS DESIGNATED HEREIN.
3. CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO LOCATE AND PROTECT ALL UNDERGROUND FACILITIES/UTILITIES DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS AND CONTACT THE OWNER. ANY DAMAGE TO ANY UTILITIES SHALL BE PROMPTLY REPORTED TO THE OWNER. REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE UNDERGROUND UTILITIES SHOWN HEREIN ARE APPROXIMATE AND BASED ON THE ACTUAL LOCATION OF SURFACE STRUCTURES AND PLANS PROVIDED BY THE OWNER. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS.
4. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN MARKINGS AND ASSOCIATED HAZARD WARNING LIGHTS, DELINEATOR FENCE, AND OTHER ASSOCIATED FACILITIES AS REQUIRED FOR OPEN TRENCHES, EXCAVATIONS, TEMPORARY STOCK PILES, AND PARKED CONSTRUCTION EQUIPMENT THAT MAY POSE A POTENTIAL HAZARD AS PART OF THE DAILY OPERATIONS AT THIS SITE. CONTRACTOR IS SOLELY RESPONSIBLE FOR SITE SAFETY.
5. CONTRACTOR SHALL CONTINUOUSLY COMPARE ALL LINES, GRADES, AND OTHER INFORMATION APPEARING ON THE PLANS WITH THE ACTUAL LINES, GRADES, AND SITE CONDITIONS. ANY DISCREPANCIES THAT MAY AFFECT THE PERFORMANCE OF THE WORK IN ACCORDANCE WITH THE INTENT OF THE CONTRACT DOCUMENTS SHALL BE IMMEDIATELY REPORTED TO THE OWNER AND ENGINEER IN WRITING FOR DISPOSITION BEFORE CONTRACTOR PROCEEDS WITH THE WORK. CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR THE WORK COMPLETED PRIOR TO THE REPORT TO THE OWNER AND ENGINEER, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION OF THE WORK PRIOR TO THE REPORT TO THE OWNER AND ENGINEER.
6. CONTRACTOR PARKING AND LAYDOWN AREAS SHALL BE COORDINATED WITH THE OWNER.
7. PRIOR TO PERFORMING ANY WORK IN OR ON THE RIGHT OF WAY OF ANY CITY OR STATE ROADWAY, THE CONTRACTOR SHALL NOTIFY THE CITY / STATE TRAFFIC ENGINEER'S OFFICE. THE CONTRACTOR SHALL ERECT WARNING SIGNS AND BARRICADES TO PROTECT THE TRAVELING PUBLIC AND HIS WORKERS. THE SIGNING AND BARRICADING SHALL CONFORM TO THE APPROPRIATE APPLICATIONS OUTLINED IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES OR AS OTHERWISE DIRECTED BY THE CITY / STATE TRAFFIC ENGINEER. IF PERMITS ARE REQUIRED TO CONDUCT THE WORK, THE CONTRACTOR SHALL SECURE THE PERMITS AND SUPPLY THEM TO THE OWNER AT NO ADDITIONAL COST. ALL FULL WIDTH LANE CLOSURES, PARTIAL LANE CLOSURES, AND CONSTRUCTION ADJACENT TO PAVEMENT SHALL BE IDENTIFIED, SIGNED, AND BARRICADES ERECTED IN CONFORMANCE WITH THE APPLICABLE ARTICLES OF SECTION 643 OF THE STANDARD SPECIFICATIONS AND THE MUNICIPALITY'S REQUIREMENTS. ALL TRAFFIC PROTECTION, BOTH ONSITE AND OFFSITE, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
8. CONTRACTOR SHALL REMOVE EARTHEN MATERIALS, EXISTING SURFACES, AND STRUCTURES AS REQUIRED. ALL WASTE MATERIAL SHALL BE PROPERLY DISPOSED OFF-SITE AND SHALL BE INCIDENTAL TO THE CONTRACT.
9. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, UNLESS NOTED. THIS WILL INCLUDE BUT NOT BE LIMITED TO MUNICIPAL BUILDING PERMIT. THE OWNER WILL SECURE THE W.P.D.E.S. PERMIT. THE CONTRACTOR SHALL PROVIDE ANY FINANCIAL SURETIES REQUIRED AS PART OF ANY PERMIT.
10. WHEN CONCRETE IS PLACED ABUTTING STRUCTURES, FOUNDATIONS OR EXISTING SIDEWALKS, A BOND BREAKER CONSISTING OF 1" P.J.F. AND ELASTOMERIC JOINT SEALANT SHALL BE USED FULL DEPTH UNLESS OTHERWISE NOTED.
11. MAXIMUM CONTRACTION JOINT SPACING ON CONCRETE CURB AND GUTTER OR CONCRETE GUTTER SHALL NOT EXCEED 25'.
12. SIDEWALK RAMPS FOR ADA SHALL BE IN ACCORDANCE WITH THE DETAILS SHOWN HEREIN. DETECTABLE WARNINGS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
13. HOT-MIX ASPHALT PAVEMENT PATCHING SHALL BE IN ACCORDANCE WITH SECTION 460 OF THE STANDARD SPECIFICATIONS.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING ELECTRONIC AS-BUILT DRAWINGS, FOR UTILITIES AND DETENTION AREAS, TO THE OWNER AND ENGINEER FOR REVIEW AND APPROVAL PRIOR TO PROJECT ACCEPTANCE.
15. CONSTRUCTION STAKING, LAYOUT, AND GRADING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR USING THE BASIC TOPOGRAPHIC SURVEY CONTROLS PROVIDED IN THE PLANS. CONTRACTOR SHALL VERIFY SURVEY CONTROLS PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES IN THE SURVEY CONTROLS SHALL BE REPORTED TO THE OWNER AND ENGINEER PRIOR TO CONSTRUCTION. ANY ADDITIONAL SURVEY CONTROLS REQUIRED FOR CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
16. CONTRACTOR SHALL COORDINATE ALL UTILITY LINE CROSSINGS TO ENSURE ALL PIPES MAINTAIN MINIMUM COVER, MINIMUM CLEARANCES, AND PROPER SEPARATION. GRAVITY LINES SHALL HAVE PRECEDENCE OVER PRESSURIZED LINES.
17. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL ITEMS INCORPORATED INTO THE WORK FOR ENGINEER REVIEW AND APPROVAL A MINIMUM OF 4 WEEKS PRIOR TO ORDERING.
18. REFERENCES TO "INSPECTION" OR "INSPECTOR" IN THE SPECIFICATIONS SHALL NOT CREATE, IMPOSE, OR GIVE RISE TO ANY DUTY OWED BY THE OWNER OR ENGINEER TO THE CONTRACTOR, ANY SUBCONTRACTOR, OR ANY SUPPLIER. ALL IMPROVEMENTS SHALL BE SUBJECT TO INSPECTION BY A DULY AUTHORIZED AND QUALIFIED OWNER'S REPRESENTATIVE BOTH DURING THE COURSE OF CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE. THE INSPECTOR SHALL HAVE AUTHORITY OVER MATERIALS OF CONSTRUCTION, METHODS OF CONSTRUCTION AND WORKSMANSHIP TO ENSURE COMPLIANCE WITH WORKING DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE FOR REASONABLE TESTS AND PROOF OF QUALITY OF MATERIALS AS REQUESTED BY THE INSPECTOR. UPON DUE CAUSE, WHICH SHALL INCLUDE WEATHER CONDITIONS, WORKMANSHIP OR NON-ADHEREANCE TO THE APPROVED PLANS AND SPECIFICATIONS, THE INSPECTOR SHALL HAVE THE AUTHORITY TO STOP CONSTRUCTION.
19. WHERE SECTION, SUB-SECTION, SUBDIVISION, OR PROPERTY MONUMENTS ARE ENCOUNTERED, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS UNTIL AN OWNER OR AUTHORIZED SURVEYOR HAS WITNESSED OR REFERENCED THEIR LOCATION.
20. ALL TRENCH BACKFILL SHALL BE IMPORTED GRANULAR MATERIAL UNLESS EXISTING GRANULAR MATERIALS ARE SPECIFICALLY APPROVED BY THE OWNER'S REPRESENTATIVE.
21. ALL AGGREGATE BASE COURSE SHALL BE COMPACTED TO 98% STANDARD PROCTOR DENSITY.
22. ALL AGGREGATE BASE AREAS TO BE PAVED (PAVEMENT, SIDEWALK, CURB, OR STRUCTURES) SHALL BE PROOF-ROLLED WITH SEVERAL PASSES OF A FULLY LOADED DUMP TRUCK. CONTRACTOR SHALL NOTIFY THE OWNER AND/OR ENGINEER 24 HOURS PRIOR TO PROOF ROLL AND SHALL MAKE ALL CORRECTIONS TO PROVIDE A SATISFACTORY SUBGRADE.
23. ANY UNCONTROLLED CRACKING THAT OCCURS IN CONCRETE PAVEMENT, SIDEWALK, CURB, OR CURB AND GUTTER PRIOR TO FINAL ACCEPTANCE SHALL BE ROUTED OR SAWED AND SEALED ACCORDING TO THE STANDARD SPECIFICATIONS.
24. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES PRIOR TO ANY WORK IN AND AROUND UTILITY-OWNED INFRASTRUCTURE AND MAKE THEM AWARE OF WORK TO BE PERFORMED.
25. ALL SIDEWALKS SHALL BE 4 INCHES IN THICKNESS AND CONSTRUCTED TO THE WIDTH SHOWN ON THE PLANS. ALL SIDEWALKS SHALL BE CONSTRUCTED WITH A MIN. CROSS SLOPE OF 1% AND A MAX. CROSS SLOPE OF 2%. SIDEWALK THICKNESS SHALL BE INCREASED TO A MINIMUM 6" AT DRIVEWAYS OR AS REQUIRED BY THE MUNICIPALITY.
26. ANY SIDEWALKS, FENCES, AND OTHER ITEMS NOT SHOWN TO BE REMOVED, BUT DAMAGED DURING CONSTRUCTION, SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.
27. CONTRACTOR SHALL NOTIFY THE APPROPRIATE AGENCY A MINIMUM OF 48 HOURS PRIOR TO CONNECTING TO OR INSTALLING ANY PUBLIC SEWER OR WATER MAINS.
28. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE PROJECT SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, THE CONTRACTOR MUST IMMEDIATELY PROVIDE THE INFORMATION TO THE ENGINEER BEFORE DOING ANY WORK. OTHERWISE, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK EFFECTED BY OMISSIONS OR DISCREPANCIES. IF THE CONTRACTOR FAILS TO SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL.

EXISTING TOPOGRAPHY:

1. ALL UTILITIES SHOWN ARE APPROXIMATE ONLY AND ARE DERIVED FROM EXISTING UTILITY MARKINGS, OLD SITE PLANS, UTILITY COMPANY MAPS, PRIVATE LOCATOR AND OBSERVED EVIDENCE.
2. ALL PIPE SIZES REFERENCED HEREON ARE SHOWN ACCORDING TO UTILITY COMPANY MAPS, OLD SITE PLANS AND OBSERVED EVIDENCE. ALL PIPE SIZES AND INVERTS SHOULD BE VERIFIED PRIOR TO ANY CONSTRUCTION.
3. PRIOR TO ANY EXCAVATION CONTRACTORS SHALL CALL THE TOLL FREE DIGGERS HOTLINE TELEPHONE NUMBER 1-800-242-8511. ALLOW 48 HOURS FOR LOCATIONS OTHER THAN EMERGENCY ASSISTANCE.

SITE DEMOLITION:

1. EXISTING UTILITIES TO REMAIN, WHICH ARE DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION, SHALL BE REPAIRED AND/OR REPLACED WITHOUT ADDITIONAL COMPENSATION. CONFLICTS WITH PROPOSED CONSTRUCTION AND UTILITIES TO REMAIN ARE TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONSTRUCTION MANAGER FOR COORDINATION WITH THE OWNER'S REPRESENTATIVE, ENGINEER, AND UTILITY COMPANY.
2. NO DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL TAKE PLACE WITHIN PUBLIC RIGHT-OF-WAY UNTIL ALL PERMITS ARE SECURED.
3. ALL PAVEMENT TO BE REMOVED SHALL BE SAWCUT FULL DEPTH.
4. CONTRACTOR SHALL EMPLOY ALL MEASURES NECESSARY DURING DEMOLITION TO CONTROL EROSION AND INSURE THAT SEDIMENT DOES NOT LEAVE THE SITE. TRACKING OF DIRT ONTO PUBLIC STREETS AND EXISTING PARKING LOT SHALL BE CLEANED IMMEDIATELY, AND ALL SEDIMENT AND EROSION CONTROL ITEMS SHALL BE INSTALLED PRIOR TO CLEARING AND DEMOLITION WORK.
5. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING SITE CONDITIONS AND BECOMING FAMILIAR WITH ALL CONSTRUCTION DOCUMENTS.
6. ITEMS INDICATED TO BE REMOVED SHALL BE COMPLETELY REMOVED UNLESS INDICATED OTHERWISE.
7. ALL TREES AND BRUSH INDICATED TO BE REMOVED SHALL BE REMOVED COMPLETELY, INCLUDING ROOT BALLS.
8. UNLESS OTHERWISE IDENTIFIED AND/OR NOTED ON THE DEMOLITION PLAN, CONTRACTOR SHALL FULLY DEMOLISH, REMOVE, AND LAWFULLY DISPOSE OF ALL EXISTING BUILDINGS, IMPROVEMENTS, AND RELATED APPURTENANCES AT THIS SITE AND PROPERTY. CONTRACTOR SHALL ALSO DEMOLISH, REMOVE, AND LAWFULLY DISPOSE OF EXISTING IMPROVEMENTS AND CONSTRUCTIONS IN THE PUBLIC RIGHT-OF-WAY NECESSARY TO ACCOMPLISH THE NEW PROJECT WORK DESCRIBED ELSEWHERE IN THESE BIDDING AND CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL PROCURE ALL NECESSARY PERMITS AND APPROVALS FOR SUCH DEMOLITION WORK (BOTH INSIDE THE PROPERTY LINE AND IN THE PUBLIC RIGHT-OF-WAY) PRIOR TO COMMENCING ANY DEMOLITION OPERATIONS.
9. CONTRACTOR SHALL FULLY PROTECT ALL SURROUNDING PROPERTIES FROM ANY AND ALL DAMAGE DURING DEMOLITION OPERATIONS; AND SHALL BE FULLY RESPONSIBLE FOR REPAIRING (TO A CONDITION ACCEPTABLE TO THE OWNER AND ARCHITECT) ANY AND ALL DAMAGE THAT DOES OCCUR.
10. CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROLS AND RELATED APPURTENANCES THAT ARE REQUIRED BY ANY APPLICABLE CODES AND ORDINANCES, DURING ALL DEMOLITION OPERATIONS.
11. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE SAFETY AND SECURITY OF THE PROJECT SITE AND ITS SURROUNDINGS DURING DEMOLITION OPERATIONS.
12. ALL DEMOLISHED EXISTING MATERIALS, SYSTEMS, AND CONSTRUCTIONS SHALL BE DISPOSED OF IN A LAWFUL MANNER, AND WRITTEN RECORDS OF THE FINAL DESTINATION FOR THESE MATERIALS, SYSTEMS, AND CONSTRUCTIONS SHALL BE PROVIDED TO THE OWNER AND ENGINEER.
13. EXISTING SITE SHALL BE CLEANED ON A DAILY BASIS THROUGHOUT THE DURATION OF DEMOLITIONS OPERATIONS; AND NO DEBRIS OR PRODUCTS OF DEMOLITION SHALL BE ALLOWED TO ACCUMULATE OUTSIDE THE BOUNDARIES OF THE SITE.
14. CONTRACTOR SHALL FULLY COORDINATE ALL PROJECT DEMOLITION OPERATIONS, INCLUDING THE REMOVAL AND LAWFUL DISPOSAL OF ALL IDENTIFIED HAZARDOUS MATERIALS AND SYSTEMS.
15. CONTRACTOR SHALL SUBMIT A COMPLETE WRITTEN PLAN AND SCHEDULE FOR ALL PROPOSED DEMOLITION WORK TO OWNER AND ARCHITECT FOR REVIEW AND COMMENT, PRIOR TO BEGINNING ANY SUCH OPERATIONS. DURING THE COURSE OF THIS DEMOLITION WORK, IF ANY ARTIFACTS OR OTHER UNUSUAL ITEMS ARE DISCOVERED, CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER IMMEDIATELY, BEFORE PROCEEDING ANY FURTHER. ANY EXPENSES RESULTING FROM THE FAILURE TO PROVIDE SUCH IMMEDIATE NOTIFICATION SHALL BE BORNE BY THE CONTRACTOR.

SITE LAYOUT:

1. JOINTS IN SIDEWALK SHALL BE TOOLED AT 5' MAX. INTERVALS, UNLESS INDICATED OTHERWISE.
2. NORTHING-EASTING COORDINATES AND DIMENSIONS FOR CURB AND GUTTER ARE TO FACE OF CURB.
3. CONTRACTOR SHALL COORDINATE ALL WORK WITHIN PUBLIC RIGHT-OF-WAY WITH THE APPROPRIATE PUBLIC AGENCY. NOTIFICATION SHALL OCCUR A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WORK WITHIN PUBLIC RIGHT-OF-WAY. ALL PERMITS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
4. P.C. CONCRETE PAVEMENT AND SIDEWALKS SHALL BE CLASS PV AND CLASS SI, RESPECTIVELY, IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS.
5. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING SITE CONDITIONS AND BECOMING FAMILIAR WITH ALL CONSTRUCTION DOCUMENTS.
6. SEE ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS AND DOOR LOCATIONS.
7. CONTRACTOR SHALL COORDINATE EQUIPMENT PADS WITH EQUIPMENT MANUFACTURERS.

SITE GRADING AND EROSION CONTROL:

1. ALL SUBGRADE EXCAVATION AND COMPACTION SHALL BE COMPLETED IN ACCORDANCE WITH THE "**SOILS REPORT**" PREPARED BY TESTING SERVICE CORPORATION, DATED JANUARY 24TH, 2023.
2. ENGINEERED STRUCTURAL FILLS SHALL BE INCLUDED IN OVERALL SITE DEVELOPMENT TO PROVIDE ADEQUATE STRUCTURAL SUPPORT FOR THE FLOOR SLABS ON GRADE AND ADJOINING PAVEMENT AREAS. REFER TO THE GEOTECHNICAL REPORT FOR APPROVED FILL MATERIALS.
3. WHERE FIRM FOUNDATION MATERIAL IS NOT ENCOUNTERED AT THE GRADE ESTABLISHED, DUE TO UNSUITABLE SOIL, ALL SUCH UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH APPROVED COMPACTED GRANULAR MATERIAL.
4. TOPSOIL SHALL BE STRIPPED IN ALL STRUCTURAL FILL AREAS BEFORE PLACEMENT OF FILL MATERIAL AND SHALL BE STOCKPILED IN AREAS DESIGNATED BY THE OWNER OR PER PLAN.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM EARTHWORK CALCULATIONS BASED ON THE PROVIDED PLANS AND TO LAWFULLY DISPOSE OF AND REMOVE ANY EXCESS MATERIAL FROM THE PROJECT SITE, OR TO PROVIDE ANY NECESSARY FILL MATERIAL THAT MAY BE REQUIRED TO MEET THE FINAL PLAN GRADES. THE DISPOSAL OR PROVIDING OF MATERIAL SHALL BE INCIDENTAL TO THE CONTRACT.
6. ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK."
7. THE OWNER/ENGINEER SHALL PROVIDE THE SOIL EROSION AND SEDIMENT CONTROL PLANS INCLUDED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTATION OF THE STORMWATER POLLUTION PREVENTION PLAN BOOKLET AND ASSOCIATED DOCUMENTS IN ACCORDANCE WITH THE " "GENERAL PERMIT TO DISCHARGE UNDER THE W.P.D.E.S. PERMIT," AND A COPY SHALL BE KEPT ONSITE AT ALL TIMES.
8. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE INSTALLATION, ALL INSPECTIONS, AND MAINTENANCE OF ALL EROSION CONTROL FACILITIES REQUIRED BY THE GENERAL W.P.D.E.S. PERMIT UNTIL FINAL STABILIZATION OF ALL AREAS DISTURBED BY CONSTRUCTION OCCURS. MAINTENANCE AND REPLACEMENT OF EROSION CONTROL ITEMS SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.
9. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY MUST BE SEEDED, SODDED, BLANKETED OR OTHERWISE PROTECTED WITHIN 14 DAYS OF FINAL DISTURBANCE. ALL AREAS DISTURBED BY THE CONTRACTOR DURING THE CONSTRUCTION OF THIS PROJECT WHICH ARE LOCATED OUTSIDE OF THE PROPOSED SEEDING LIMITS SHALL BE GRADED TO DRAIN, FERTILIZED, SEEDED, MULCHED AND WATERED. THE COST ASSOCIATED WITH THE PLACEMENT OF ADDITIONAL FERTILIZER, SEED, MULCH AND WATERING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. A MINIMUM OF 70% VEGETATIVE COVERAGE IS REQUIRED PRIOR TO ACCEPTANCE. SEE LANDSCAPE PLANS FOR ADDITIONAL REQUIREMENTS.
10. ALL EROSION CONTROL MEASURES SHOWN ON THE PLAN ARE THE MINIMUM MEASURES REQUIRED. UNFORESEEN CHANGES IN SCOPE, SCHEDULE OR CONSTRUCTION METHODS MAY RESULT IN CHANGES OR ADDITIONS TO THIS PLAN AND THE SWPPP. ANY CHANGES OR ADDITIONS NECESSARY TO MAINTAIN COMPLIANCE WITH THE W.P.D.E.S. PERMIT SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER.
11. SHOULD PROJECT SCHEDULING PROHIBIT THE ABILITY TO SEED DISTURBED EARTH UPON COMPLETION OF GRADING, CONTRACTOR SHALL EMPLOY ALTERNATE SOURCE CONTROLS IN ADDITION TO THOSE ON THIS PLAN, INCIDENTAL TO THE CONTRACT.
12. DUST CONTROL MUST BE PROVIDED AS NEEDED, BY WATERING OR OTHER MEANS.
13. ALL AREAS WITH THE EXCEPTION OF PAVEMENT SHALL BE FINISHED IN ACCORDANCE WITH THE LANDSCAPE PLANS INCLUDED IN THE PLAN SET.
14. CONTRACTOR SHALL INSTALL INLET FILTER PROTECTION BASKETS INSIDE ALL EXISTING AND PROPOSED MANHOLES AND INLET FRAMES.
15. CONTRACTOR IS REQUIRED TO PROVIDE AND USE A CONCRETE WASHOUT AREA FOR RINSING CONCRETE TRUCKS.
16. CONTRACTOR IS REQUIRED TO PROVIDE AND USE A TEMPORARY CONSTRUCTION ENTRANCE FOR ALL CONSTRUCTION TRAFFIC PER PLAN.
17. CONTRACTOR SHALL PROVIDE AND USE A WHEEL WASH SYSTEM TO ENSURE THAT ALL CONSTRUCTION TRAFFIC ENTERING AND EXITING THE SITE MAINTAIN CLEAN TIRES. ANY SEDIMENT TRACKED ONTO ADJACENT ROADWAYS OR PAVED AREAS SHALL BE REMOVED BY THE CONTRACTOR BY THE END OF THE SAME WORK DAY.
18. ALL ELEVATIONS SHOWN ARE TO FINISHED PAVEMENT UNLESS SPECIFIED OTHERWISE.
19. ALL SLOPES GREATER THAN OR EQUAL TO 4:1 SHALL BE STABILIZED WITH NAG S75BN OR EQUIVALENT.
20. CONTRACTOR SHALL PROVIDE A MINIMUM OF 6" TOPSOIL IN ALL ISLANDS, LANDSCAPE AREAS, AND OPEN SPACES.

SITE UTILITIES:

1. THIS CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
   - A. "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN WISCONSIN", CURRENT EDITION.
   - B. WISCONSIN DEPARTMENT OF TRANSPORTATION (WISDOT) "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION IN WISCONSIN"
   - C. VILLAGE OF SOMERS STANDARD MATERIAL SPECIFICATIONS AND DEVELOPMENT STANDARDS.
2. ALL UTILITY TRENCHES UNDER OR WITHIN 2' OF EXISTING OR PROPOSED PAVEMENT OR BUILDING SHALL BE BACKFILLED WITH COMPACTED GRANULAR MATERIAL IN ACCORDANCE WITH IDOT SPECIFICATIONS. CONTROLLED LOW-STRENGTH MATERIAL (CLSM) SHALL BE USED TO BACKFILL TRENCHES WITHIN PUBLIC RIGHT OF WAY. THE CLSM SHALL EXTEND 2 FT PAST THE PROPOSED PAVEMENT, CURB, OR SIDEWALK.
3. OPEN CUT TRENCHES SHALL BE SHEETED AND BRACED AS REQUIRED BY THE GOVERNING STATE, FEDERAL LAWS AND MUNICIPAL ORDINANCES, AND AS MAY BE NECESSARY TO PROTECT LIFE, PROPERTY OR THE WORK.
4. CONTRACTOR SHALL AT ALL TIMES DURING CONSTRUCTION PROVIDE AND MAINTAIN SUFFICIENT MEANS AND DEVICES TO REMOVE AND PROPERLY DISPOSE OF ALL WATER ENTERING THE EXCAVATIONS. WATER SHALL BE FILTERED AND DISCHARGED IN ACCORDANCE WITH THE W.P.D.E.S. REQUIREMENTS.
5. ALL PIPE SHALL BE INSTALLED ON A BEDDING OF APPROVED, COMPACTED GRANULAR MATERIAL UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE BEDDING MATERIAL SHALL BE INSTALLED PER STANDARD SPECIFICATIONS AND PROVIDED PLAN DETAILS.
6. A MINIMUM HORIZONTAL SEPARATION OF 10 FEET SHALL BE MAINTAINED BETWEEN ALL WATER MAINS AND SEWERS. IF SEPARATION IS NOT POSSIBLE, WATER MAIN ENCASEMENT SHALL BE REQUIRED OR THE SEWER SHALL BE CONSTRUCTED OF WATER MAIN QUALITY PIPE.
7. WATER MAINS SHALL CROSS ABOVE SEWERS WITH A MINIMUM VERTICAL SEPARATION OF 18 INCHES WHILE STILL MAINTAINING THE REQUIRED DEPTH OF COVER. IF PROPER SEPARATION IS NOT POSSIBLE, OR IF THE WATER MAIN MUST BE ROUTED UNDER THE SEWER, WATER MAIN ENCASEMENT SHALL BE REQUIRED OR THE SEWER SHALL BE CONSTRUCTED OF WATER MAIN QUALITY PIPE.
8. ALL SANITARY SEWERS SHALL BE TESTED FOR EXFILTRATION OF AIR UNDER PRESSURE, INFILTRATION OF WATER, AND/OR EXFILTRATION OF WATER AS PER STANDARD SPECIFICATIONS. ALL SANITARY SEWERS SHALL BE DEFLECTION TESTED NO SOONER THAN 30 DAYS AFTER INSTALLATION. ALL MANHOLES SHALL BE TESTED FOR WATERTIGHTNESS BY EITHER ASTM C 969 OR ASTM C 1244.
9. STORM SEWER SHALL BE IN CONFORMANCE WITH THE FOLLOWING:
   - A. REINFORCED CONCRETE PIPE (RCP), ASTM C76
     - a. GASKETS - ASTM C443
     - b. FITTINGS - ASTM C443
   - B. SMOOTH INTERIOR WALLED HIGH DENSITY POLYETHYLENE PIPE (HDPE), ASTM D3212, N-12 WT
     - a. WATER TIGHT JOINTS
     - b. JOINT SHALL BE SEALED SUFFICIENTLY TO PREVENT JETTING OR LEAKING AT THE JOINT
   - C. PVC STORM SEWER PIPING, ASTM D 3034, SDR 35
     - a. BELL-AND-SPIGOT ENDS
     - b. ASTM F 477, ELASTOMERIC SEALS FOR GASKETED JOINTS
   - D. FRAME AND GRATES
     - a. TYPE 1 CLOSED LID = NEENAH R-1713
     - b. TYPE 1 OPEN LID = NEENAH R-2504
     - c. TYPE 3 = NEENAH R-3281-A
     - d. DITCH GRATE = NEENAH R-4342
10. SANITARY SEWER SHALL BE IN CONFORMANCE WITH THE FOLLOWING:
    - A. PIPE AND FITTING MATERIAL - POLYVINYL CHLORIDE (PVC) SDR 26, ASTM D 3034, TYPE PSM
    - B. GASKETS - FLEXIBLE ELASTOMERIC, ASTM F 477, ASTM D 3139
    - C. JOINTS - ASTM D 3212
    - D. BEDDING - CLASS II, ASTM 2321
11. ALL CLEANOUT RIMS SHALL BE CONSTRUCTED FLUSH WITH THE FINISHED GROUND SURFACE.
12. CONTRACTOR SHALL COORDINATE CONSTRUCTION OF SANITARY SEWER SERVICES WITH THE DEPARTMENT OF PUBLIC WORKS.
13. CONTRACTOR SHALL COORDINATE WATER MAIN, FIRE AND DOMESTIC WATER SERVICES WITH THE DEPARTMENT OF PUBLIC WORKS.
14. GENERAL CONTRACTOR SHALL COORDINATE ALL UTILITY LINES THAT ENTER THE BUILDING. IN GENERAL, PLUMBING PLANS SHOW ALL INTERIOR BUILDING PIPING AND PIPING UP TO 5-FEET OUTSIDE THE BUILDING. CIVIL PLANS SHOW SITE PIPING BEGINNING FROM 5-FEET OUTSIDE THE BUILDING. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY CONNECTIONS.
15. CONTRACTOR SHALL COORDINATE ALL UTILITY LINE CROSSINGS TO ENSURE ALL PIPES MAINTAIN MINIMUM COVER, MINIMUM CLEARANCES, AND PROPER SEPARATION. GRAVITY LINES SHALL HAVE PRECEDENCE OVER PRESSURIZED LINES.
16. ALL TRENCH BACKFILL SHALL BE IMPORTED GRANULAR MATERIAL UNLESS EXISTING GRANULAR MATERIALS ARE SPECIFICALLY APPROVED BY THE OWNER'S REPRESENTATIVE.
17. ALL MANHOLES AND INLET CASTINGS LOCATED WITHIN BITUMINOUS ASPHALT PAVEMENT SHALL BE CONSTRUCTED WITH A CONCRETE APRON AT THE SURFACE.
18. FOR ALL WATERMAIN CONSTRUCTION:
    - A. WATER MAIN AND SERVICES TO BE INSTALLED WITH A MINIMUM OF 5'-6" OF COVER FROM FINISHED GRADE TO TOP OF WATER PIPE.
    - B. TWO COMPLETE PIPE LENGTHS OF RESTRAINED JOINT PIPE SHALL BE CONSTRUCTED ON THE BRANCH LEG OF ALL TEES AND BOTH SIDES OF ALL 90 DEGREE BENDS.

POTENTIAL LEFT TURN LANE INTO PROPOSED DEVELOPMENT. LEFT TURN LANE DESIGN AND SPECIFICATIONS PREPARED UNDER SEPARATE PLAN SET. COORDINATION WITH WISDOT FOR EXACT DESIGN REQUIREMENTS IS ONGOING.

70.0' ROW

SHEET BREAKLINE

SHEET BREAKLINE

SHEET BREAKLINE

EXISTING CREEK

PROPOSED DRAINAGE EASEMENT

1ST STREET

PROPOSED BUILDING

SWALE CENTER LINE

PROPOSED STORMWATER MANAGEMENT BASIN

CNG COMPOUND (BY OTHERS)

SWALE CENTER LINE

0 80' 160'

1" = 80' (HORIZONTAL)

2200 CABOT DRIVE
SUITE 325
LISLE, IL 60532
P: 630.596.0007
WWW.CAGECIVIL.COM

CAGE CIVIL ENGINEERING

WISCONSIN
GREG HOREJS
E-45136
DOWNERS GROVE, IL
PROFESSIONAL ENGINEER

REVISIONS △

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PROPOSED IMPROVEMENTS FOR
CNG FUELING STATION
1ST STREET
SOMERS, WI

PROJ NO: 220259

ENG : GPH

DATE : 03/24/2023

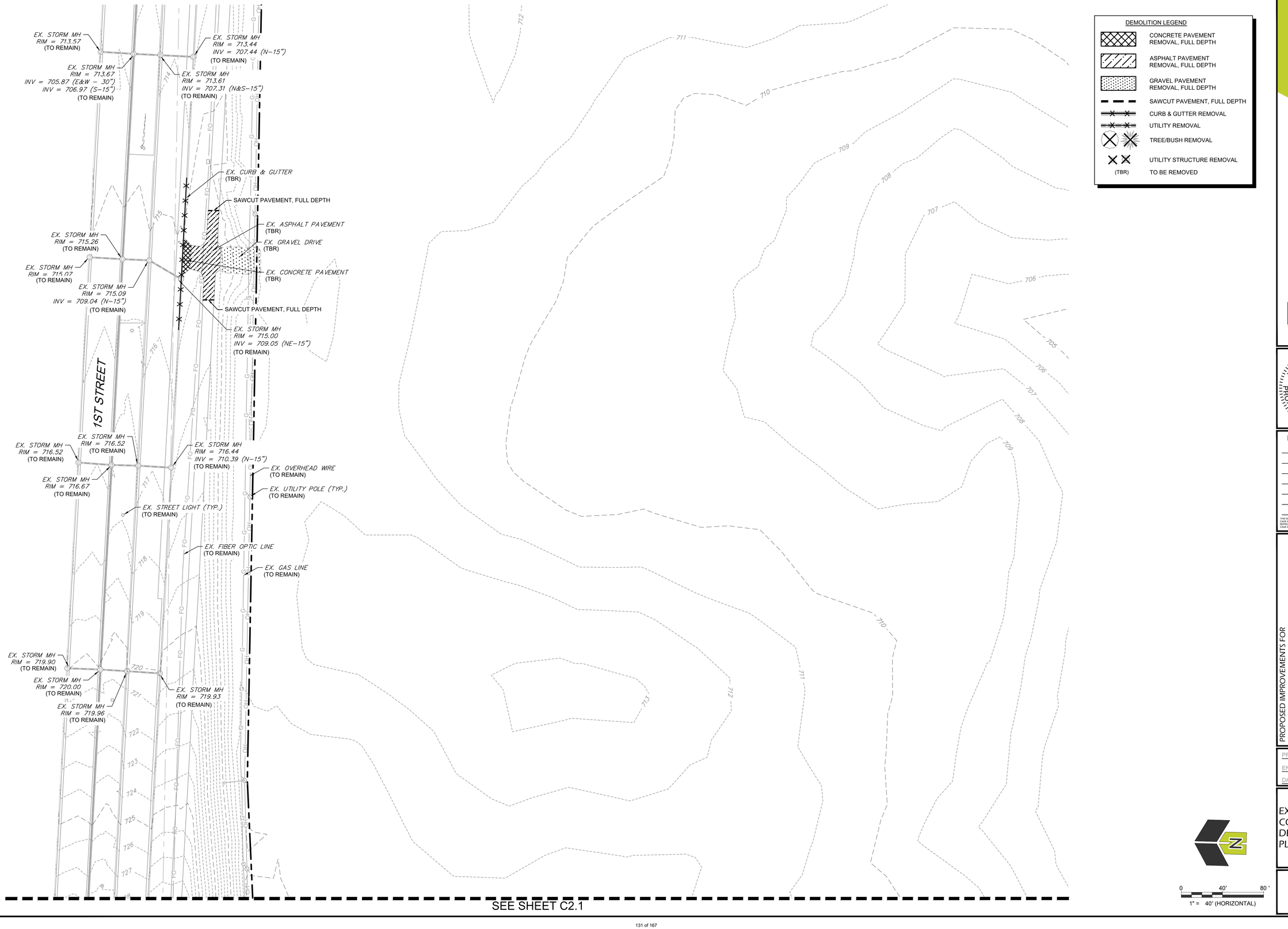
SHEET TITLE

OVERALL DEVELOPMENT PLAN

SHEET NUMBER

C1.0

3 OF 23



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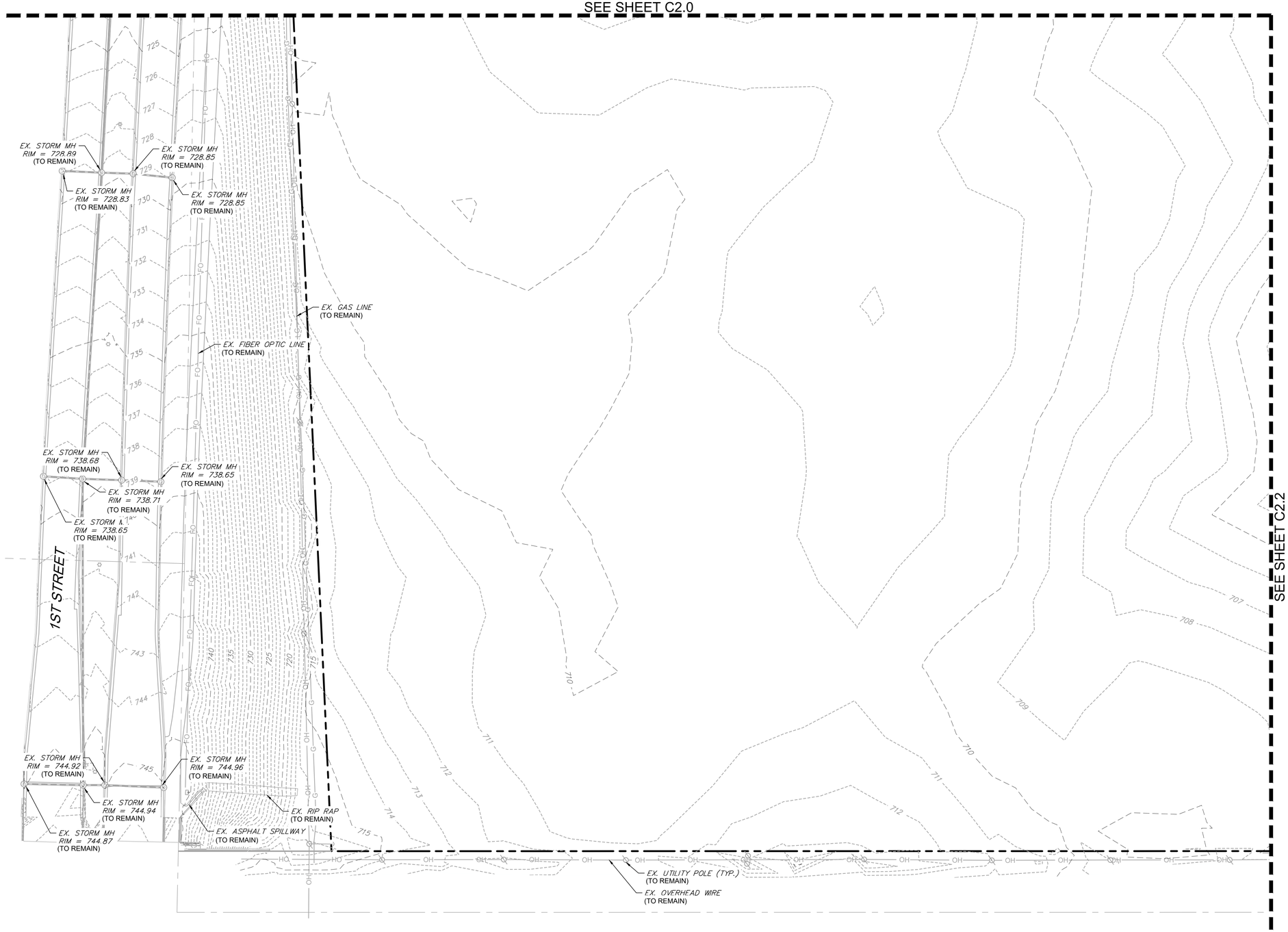
1ST STREET
SOMERS, WI

PROJ NO: 220259
ENG : GPH
DATE : 03/24/2023

SHEET TITLE
EXISTING CONDITIONS & DEMOLITION PLAN NE

SHEET NUMBER
C2.0
4 OF 23

SEE SHEET C2.0



DEMOLITION LEGEND

- CONCRETE PAVEMENT REMOVAL, FULL DEPTH
- ASPHALT PAVEMENT REMOVAL, FULL DEPTH
- GRAVEL PAVEMENT REMOVAL, FULL DEPTH
- SAWCUT PAVEMENT, FULL DEPTH
- CURB & GUTTER REMOVAL
- UTILITY REMOVAL
- TREE/BUSH REMOVAL
- UTILITY STRUCTURE REMOVAL
- (TBR) TO BE REMOVED

0 40' 80'
1" = 40' (HORIZONTAL)

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PROJ NO: 220259
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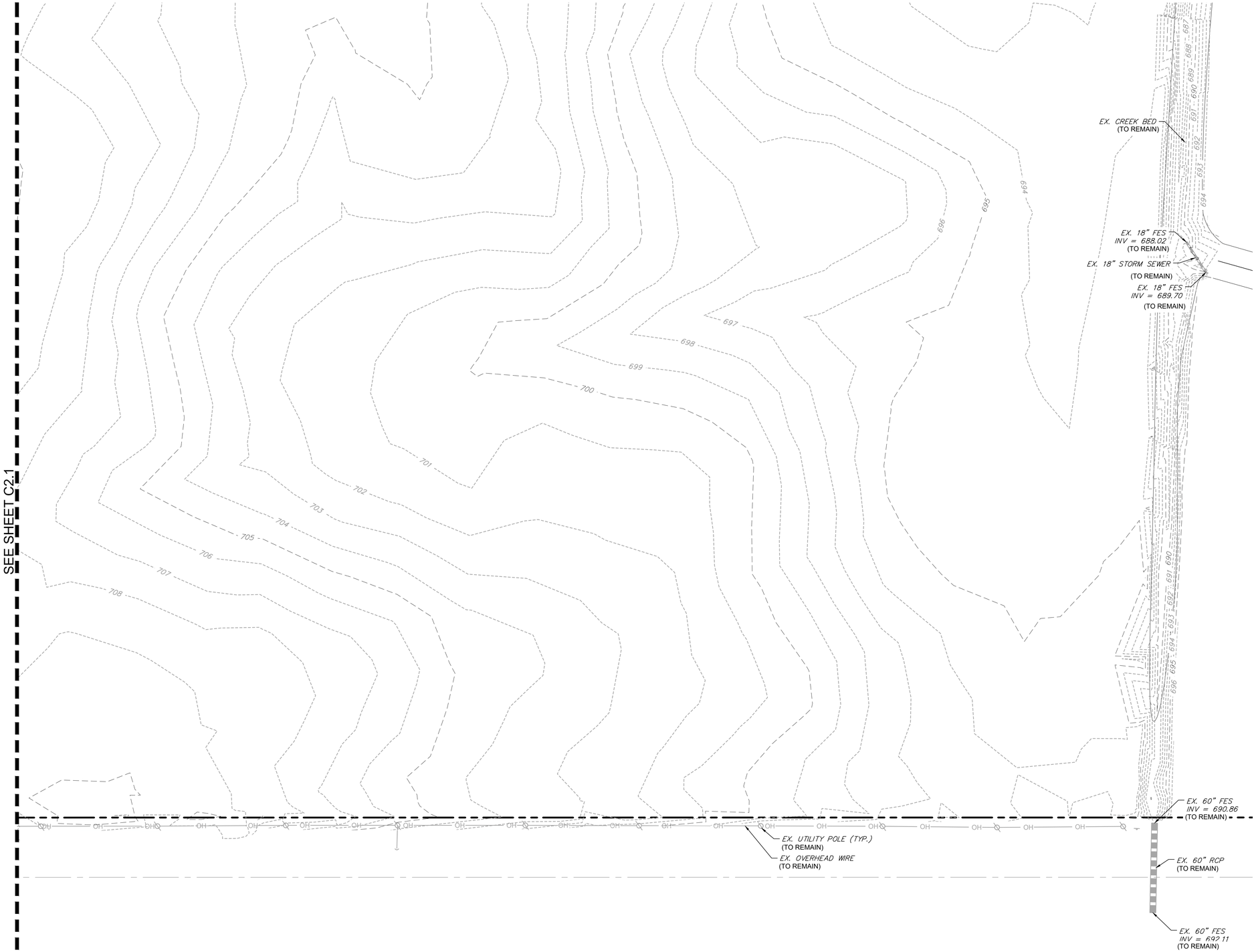
DATE : 03/24/2023

SHEET TITLE
EXISTING CONDITIONS & DEMOLITION PLAN NW

SHEET NUMBER
C2.1
5 OF 23

SEE SHEET C2.1



DEMOLITION LEGEND

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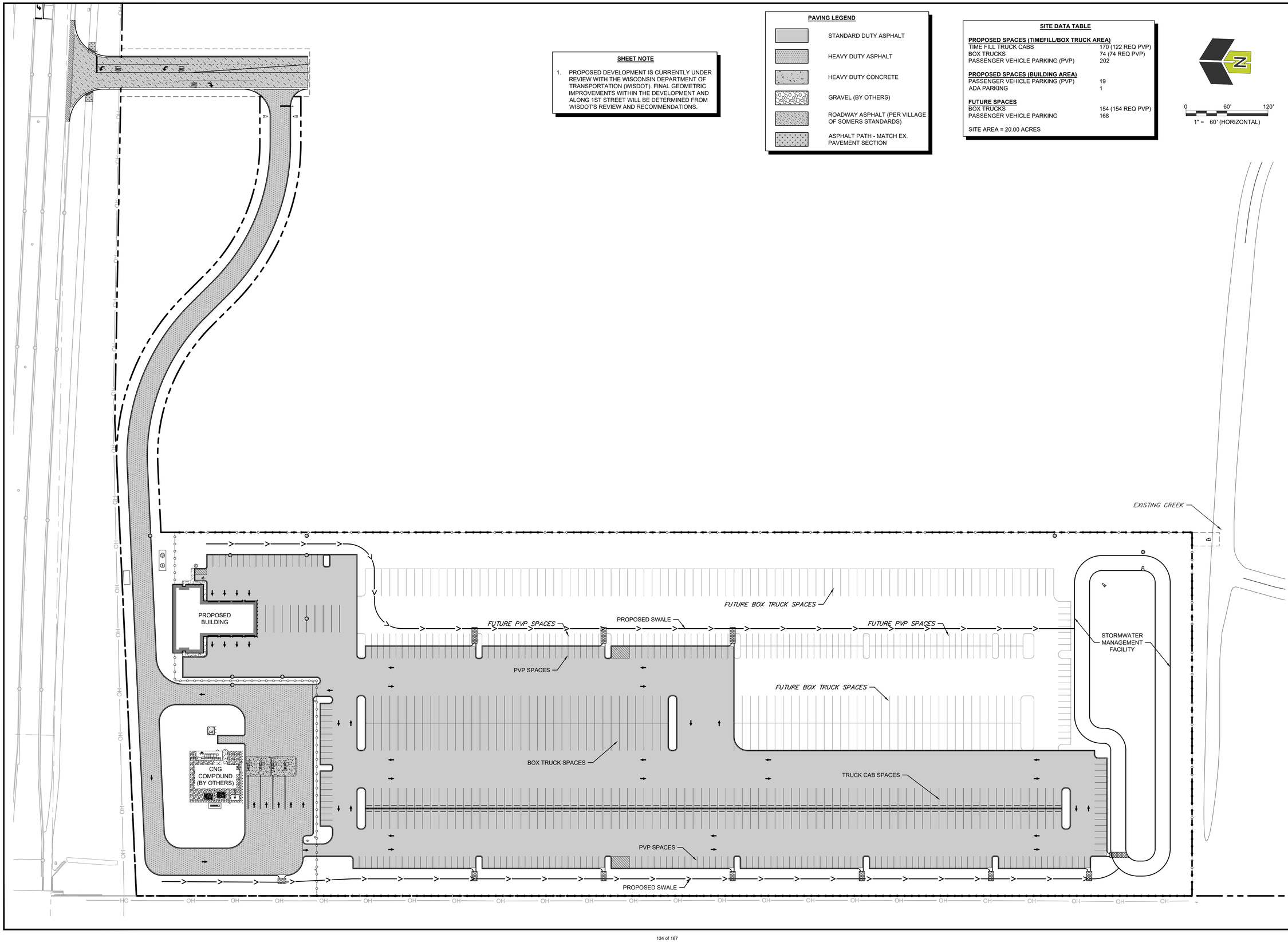
SOMERS, WI

PROJ NO: 220259
ENG : GPH
DATE : 03/24/2023

SHEET TITLE
EXISTING CONDITIONS & DEMOLITION PLAN SW

SHEET NUMBER
C2.2
6 OF 23



SHEET NOTE

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PAVING LEGEND

- STANDARD DUTY ASPHALT
- HEAVY DUTY ASPHALT
- HEAVY DUTY CONCRETE
- GRAVEL (BY OTHERS)
- ROADWAY ASPHALT (PER VILLAGE OF SOMERS STANDARDS)
- ASPHALT PATH - MATCH EX. PAVEMENT SECTION

SITE DATA TABLE

PROPOSED SPACES (TIMEFILL/BOX TRUCK AREA)	
TIME FILL TRUCK CABS	170 (122 REQ PVP)
BOX TRUCKS	74 (74 REQ PVP)
PASSENGER VEHICLE PARKING (PVP)	202
PROPOSED SPACES (BUILDING AREA)	
PASSENGER VEHICLE PARKING (PVP)	19
ADA PARKING	1
FUTURE SPACES	
BOX TRUCKS	154 (154 REQ PVP)
PASSENGER VEHICLE PARKING	168
SITE AREA = 20.00 ACRES	

0 60' 120'
1" = 60' (HORIZONTAL)

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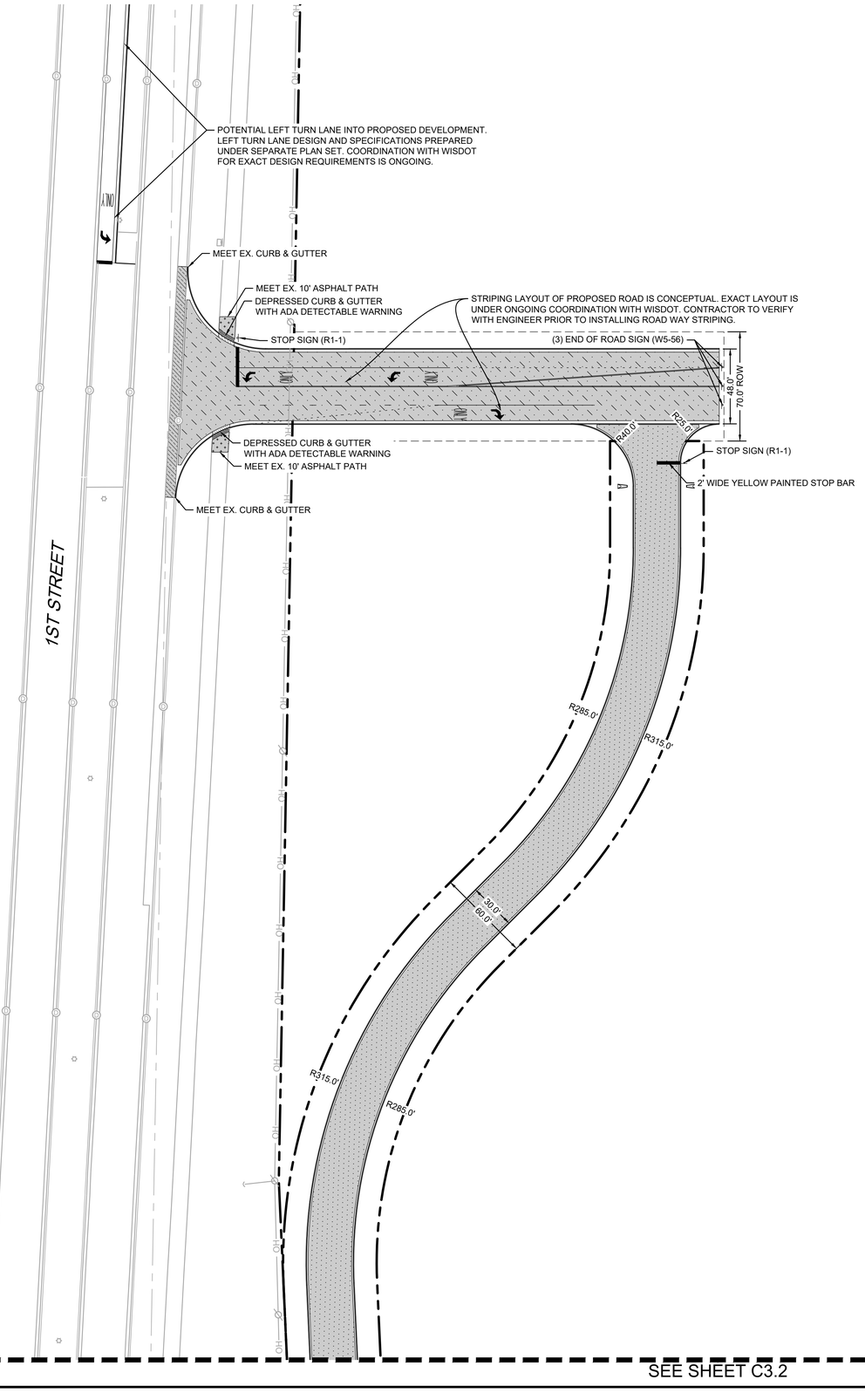
SOMERS, WI

PROJ NO: 220259
ENG : GPH
DATE : 03/24/2023

SHEET TITLE
OVERALL SITE PLAN

SHEET NUMBER
C3.0
7 OF 23



PAVING LEGEND

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SITE AREA = 20.00 ACRES

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1ST STREET
SOMERS, WI

PROJ NO: 220259
ENG : GPH
DATE : 03/24/2023

SHEET TITLE:
SITE LAYOUT PLAN NE

SHEET NUMBER
C3.1
8 OF 23

SEE SHEET C3.1

SEE SHEET C3.3

1ST STREET

30.0'
60.0'
DRY HYDRANT
FENCE (SEE LANDSCAPING PLANS)
1' VALLEY GUTTER
32.4'
9' ADA STALL & 9' STRIPED STALL = 18.0'
19 STALLS @ 9' = 171.0'
18.0'
40.0'
56.0'
4" SOLID YELLOW LINE STRIP (TYP.)
PROPOSED BUILDING
40.0'
10 LANES @ 12' = 120.0'
25.7'
66.0'
SWALE CENTER LINE
SNOW STORAGE AREA
4" SOLID YELLOW STRIPE, 45°, SPACED 2' O.C.
18 FUTURE PARKING STALLS
20 FUTURE PARKING STALLS
20 FUT
R5.0' (TYP.)
18 STALLS @ 9' = 162.0'
18.0'
20 STALLS @ 9' = 180.0'
27.0'
30.0'
10.0'
R40.0'
DIRECTIONAL ARROW (TYP.)
SLIDING FENCE GATE
18.0'
55.0'
37 BOX TRUCKS STALLS @ 12' = 444.0'
30.0'
36.0'
R25.0'
R25.0'
TRANSFORMER
40.0'
12.0'
10 STALLS @ 9' = 90.0'
4" SOLID YELLOW LINE STRIP (TYP.)
40.0'
(4) CNG DISPENSERS WITH CANOPY
37 BOX TRUCK STALLS @ 12' = 444.0'
55.0'
CNG COMPOUND (BY OTHERS)
38.0'
25.0'
11.5'
36.0'
26.2'
R3.0' (TYP.)
9 STALLS @ 9' = 81.0'
30.0'
18.0" (TYP.)
CNG EQUIPMENT (BY OTHERS)
30.0'
DUAL 4" SOLID YELLOW LINE STRIPES
WHEELSTOP (TYP.)
KEY PAD W/ BOLLARDS
12.0'
40.0'
R15.0'
R25.0'
R25.0'
R25.0'
R25.0'
40.0'
18.0'
20 STALLS @ 9' = 180.0'
9.0' (TYP.)
20 STALLS @ 9' = 180.0'
27.0'
18.0'
SLIDING FENCE GATE
SWALE CENTER LINE
4' CONCRETE CURB OPENING (TYP.)
SNOW STORAGE AREA
4" SOLID YELLOW STRIPE, 45°, SPACED 2' O.C.
40.0'
FENCE (SEE LANDSCAPING PLANS)
HO
OH
W

PAVING LEGEND

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- HEAVY DUTY CONCRETE
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PASSENGER VEHICLE PARKING (PVP)	19
ADA PARKING	1
FUTURE SPACES	
BOX TRUCKS	154 (154 REQ PVP)
PASSENGER VEHICLE PARKING	168

SITE AREA = 20.00 ACRES

SHEET NOTE

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0 40' 80'
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SUITE 325
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P: 630.596.0007
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WISCONSIN
GREG HOREJS
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DOWNERS GROVE, IL
PROFESSIONAL ENGINEER

REVISIONS

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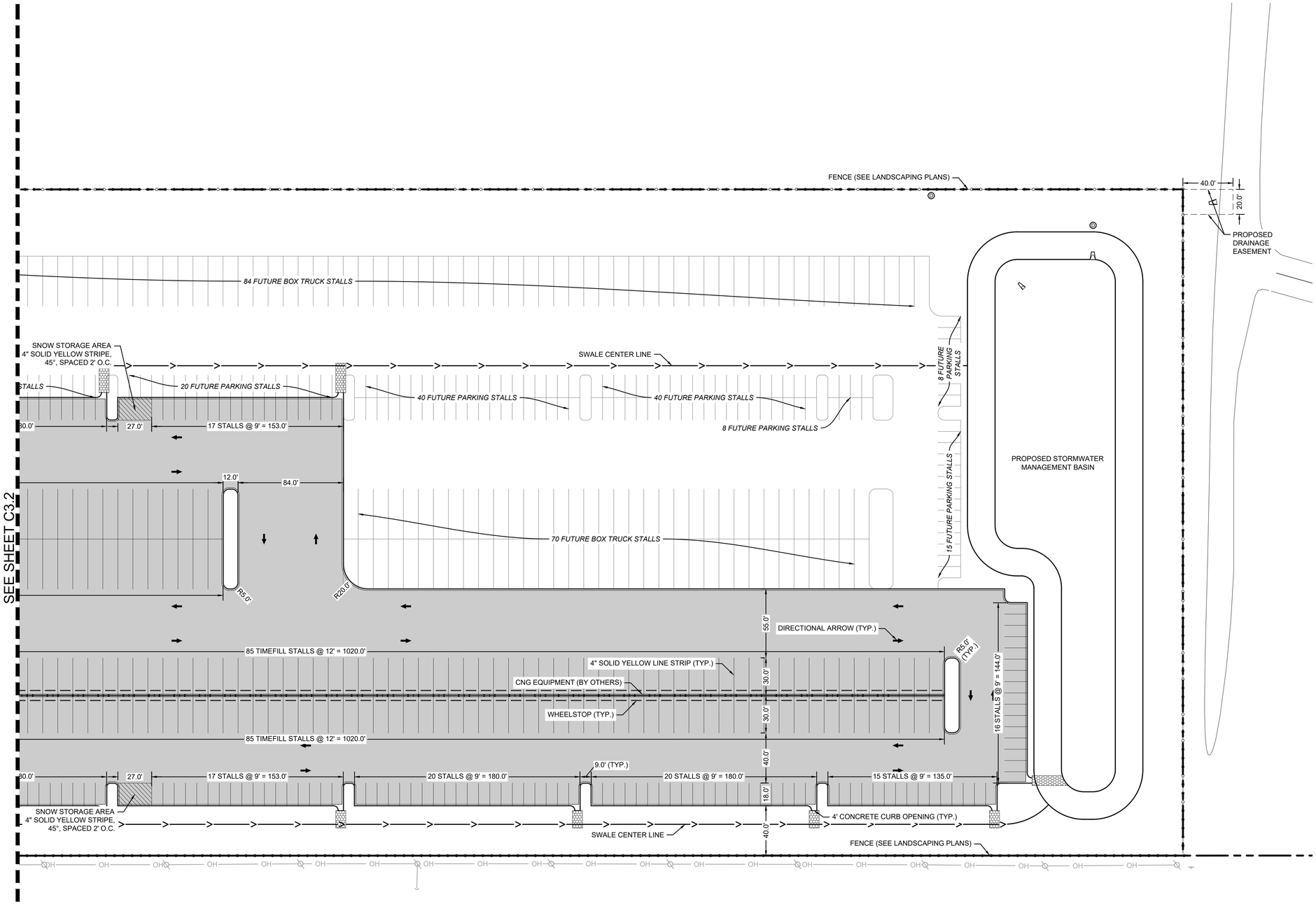
PROPOSED IMPROVEMENTS FOR
CNG FUELING STATION
1ST STREET
SOMERS, WI

PROJ NO: 220259
ENG : GPH
DATE : 03/24/2023

SHEET TITLE
SITE LAYOUT PLAN NW

SHEET NUMBER
C3.2
9 OF 23



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PROJ NO: 220259
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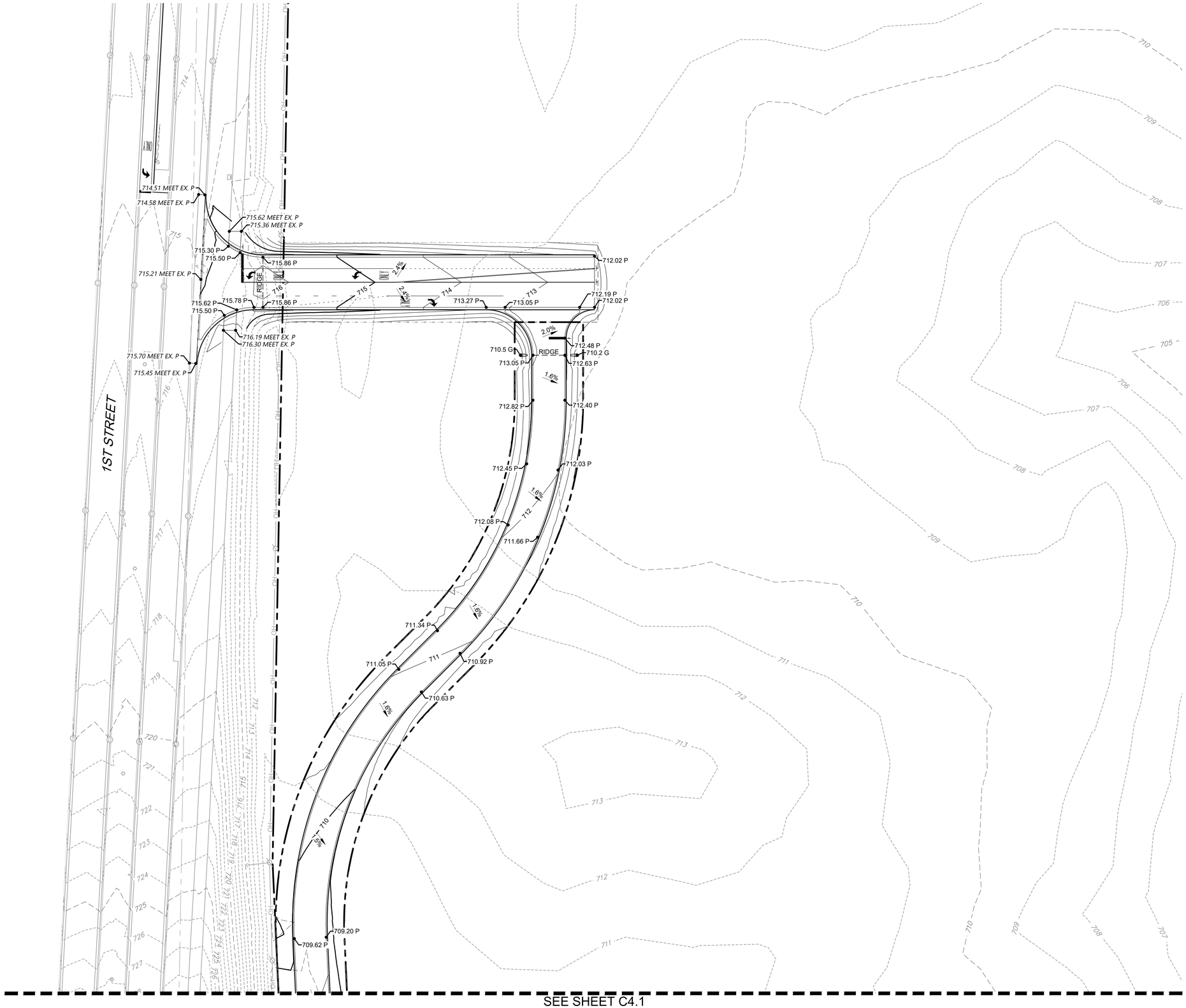
SHEET TITLE
SITE LAYOUT PLAN SW

SHEET NUMBER
C3.3
10 OF 23



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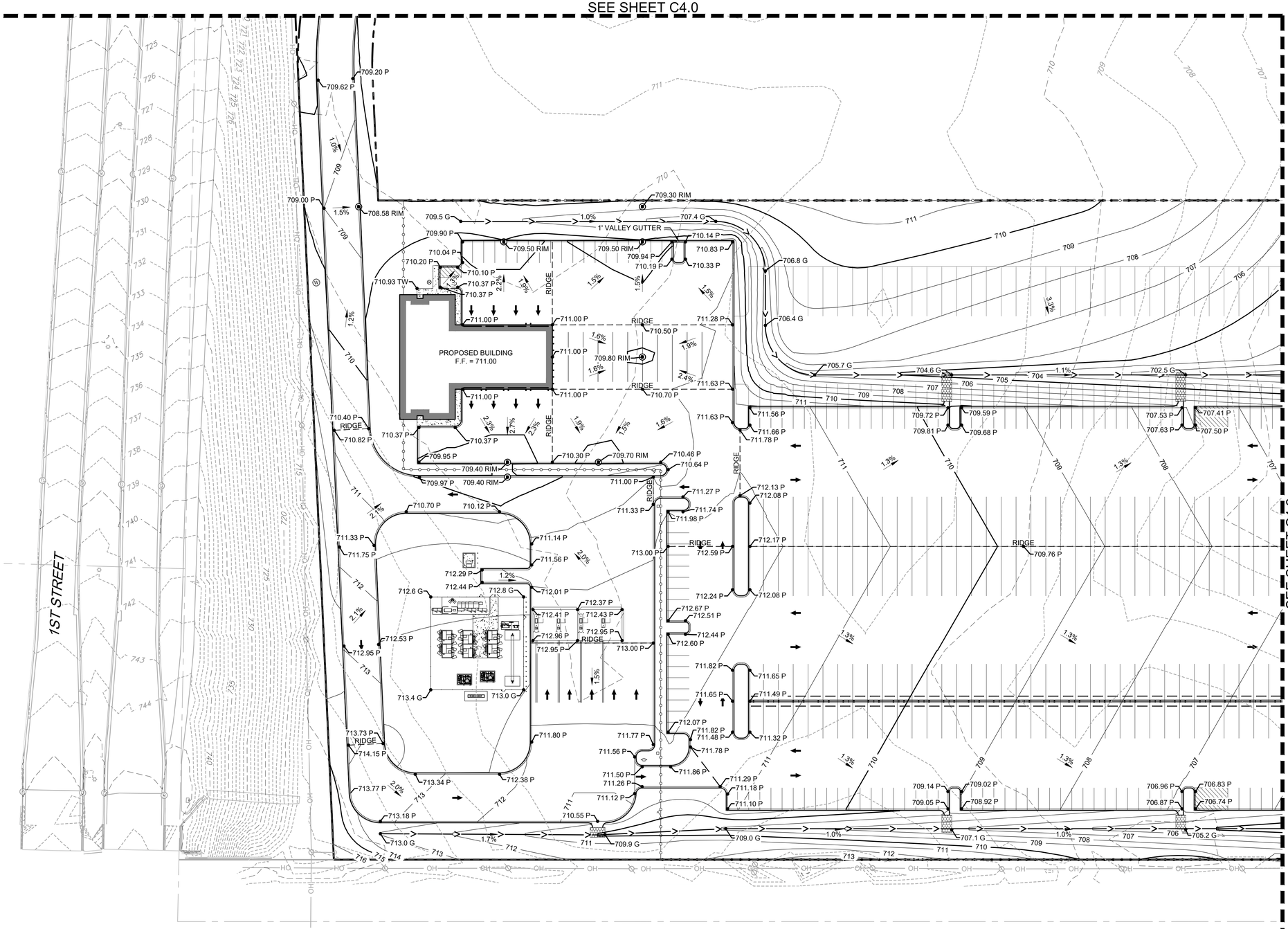
SOMERS, WI

PROJ NO: 220259
ENG : GPH
DATE : 03/24/2023

SHEET TITLE
GRADING & SWM PLAN NE

SHEET NUMBER
C4.0
11 OF 23

SEE SHEET C4.0



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SHEET TITLE
GRADING & SWM PLAN NW

0 40' 80'
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SHEET NUMBER
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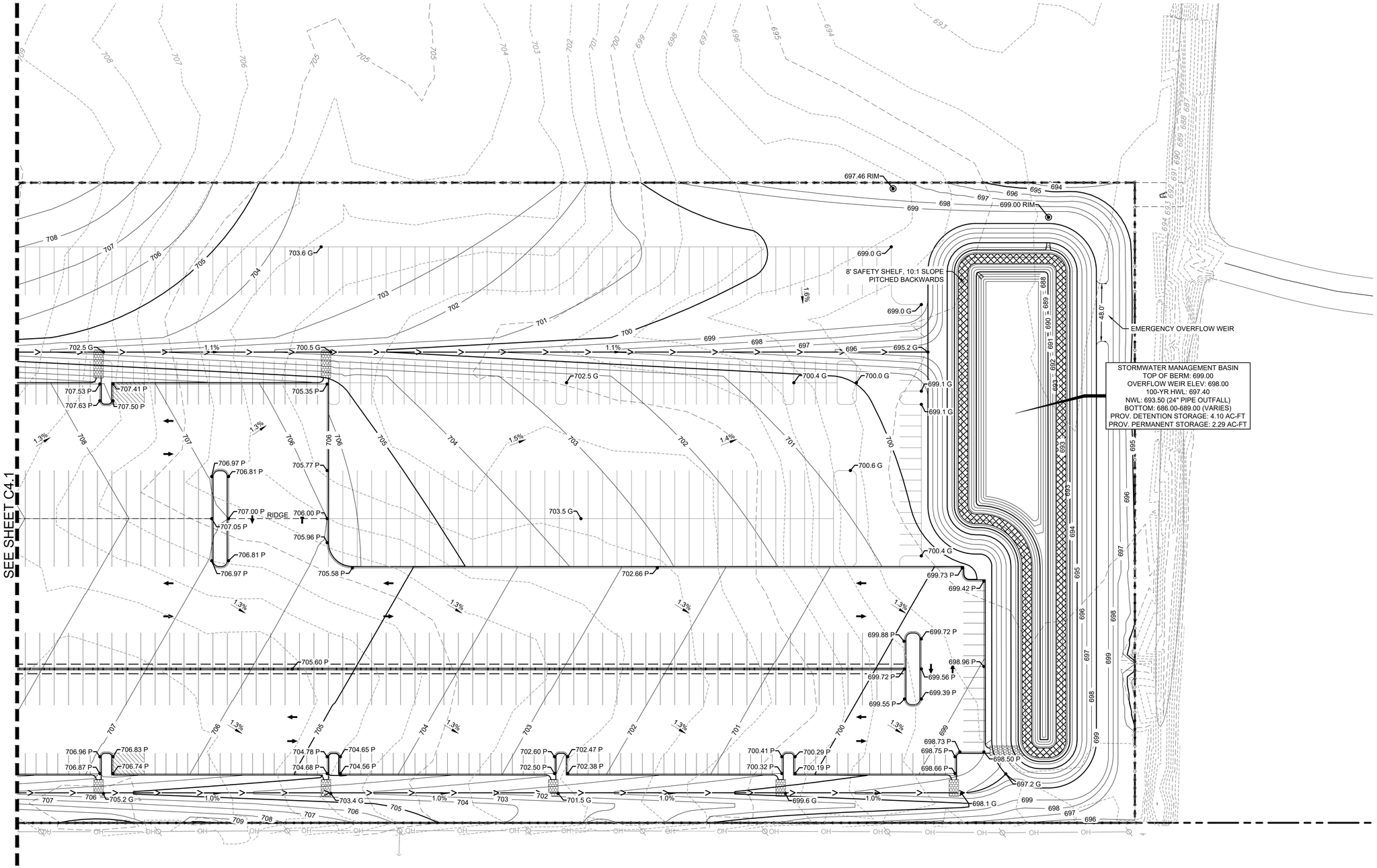
12 OF 23



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SHEET TITLE
GRADING & SWM PLAN SW

SHEET NUMBER
C4.2
13 OF 23

0 40' 80'
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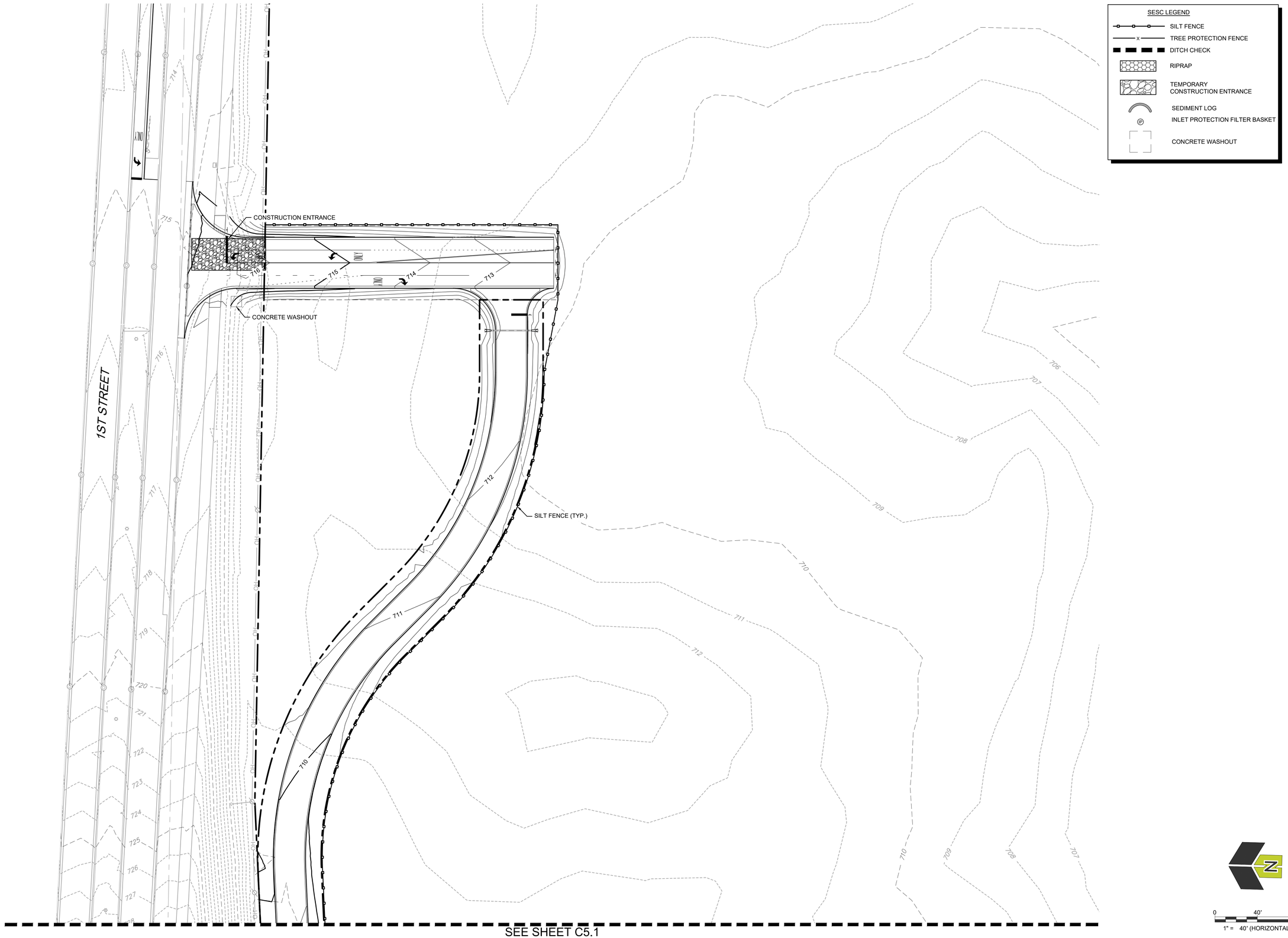

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CAGE CIVIL ENGINEERING

WISCONSIN
GREG HOREJS
E-45136
DOWNERS GROVE, IL
PROFESSIONAL ENGINEER

REVISIONS △

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PROPOSED IMPROVEMENTS FOR
CNG FUELING STATION
1ST STREET
SOMERS, WI

PROJ NO: 220259
ENG : GPH
DATE : 03/24/2023

SHEET TITLE
SOIL EROSION & SEDIMENT CONTROL PLAN NE

SHEET NUMBER
C5.0
14 OF 23

SEE SHEET C5.0

SEE SHEET C4.2

1ST STREET

SESC LEGEND

- SILT FENCE
- TREE PROTECTION FENCE
- DITCH CHECK
- RIPRAP
- TEMPORARY CONSTRUCTION ENTRANCE
- SEDIMENT LOG
- INLET PROTECTION FILTER BASKET
- CONCRETE WASHOUT

SILT FENCE (TYP.)

INLET PROTECTION (TYP.)

PROPOSED BUILDING

DITCH CHECK (TYP.)

HEAVY GRADE RIP-RAP WITH TYPE HR FABRIC INSTALLED PER WISDOT SPECIFICATION 606 & 645 (TYP.)

SEDIMENT LOG (TYP.)

8.0'

2.0'

4.0'

0 40' 80'

1" = 40' (HORIZONTAL)

2200 CABOT DRIVE
SUITE 325
LISLE, IL 60532
P: 630.596.0007
WWW.CAGECIVIL.COM

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PROPOSED IMPROVEMENTS FOR

CNG FUELING STATION

1ST STREET
SOMERS, WI

PROJ NO: 220259

ENG : GPH

DATE : 03/24/2023

SHEET TITLE

SOIL EROSION & SEDIMENT CONTROL PLAN NW

SHEET NUMBER

C5.1

15 OF 23

SEE SHEET C5.1

SESC LEGEND

- SILT FENCE
- TREE PROTECTION FENCE
- DITCH CHECK
- RIPRAP
- TEMPORARY CONSTRUCTION ENTRANCE
- SEDIMENT LOG
- INLET PROTECTION FILTER BASKET
- CONCRETE WASHOUT

SILT FENCE (TYP.)

DITCH CHECK (TYP.)

SEDIMENT LOG (TYP.)

HEAVY GRADE RIP-RAP WITH TYPE HR FABRIC INSTALLED PER WISDOT SPECIFICATION 608 & 645 (TYP.)

4.0'

8.0'

DITCH CHECK (TYP.)

0 40' 80'

1" = 40' (HORIZONTAL)

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CNG FUELING STATION
1ST STREET
SOMERS, WI

PROJ NO: 220259

ENG : GPH

DATE : 03/24/2023

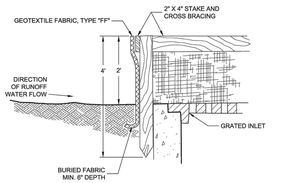
SHEET TITLE

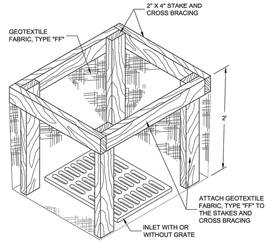
SOIL EROSION & SEDIMENT CONTROL PLAN SW

SHEET NUMBER

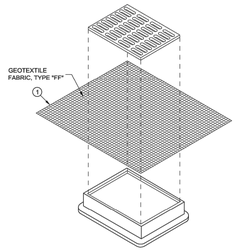
C5.2

16 OF 23



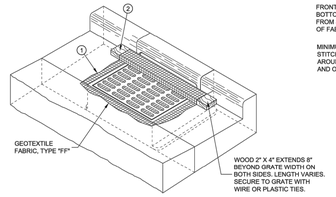


INLET PROTECTION, TYPE "A"

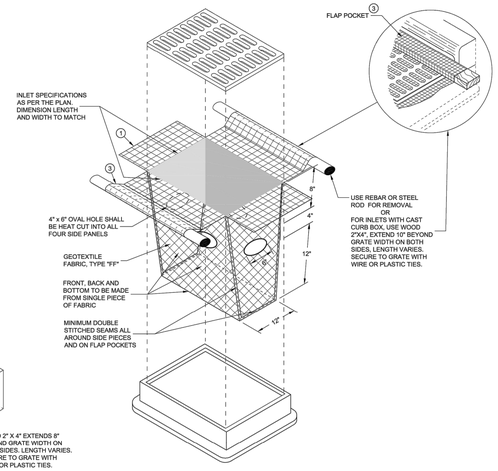


INLET PROTECTION, TYPE "B" (WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE "C" (WITH CURB BOX)



INLET PROTECTION, TYPE "D"

(CAN BE INSTALLED IN ANY INLET WITH OR WITHOUTA CURB BOX AS PER NOTE 2)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

1. FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
2. FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
3. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPES B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION TYPES A, B, C AND D

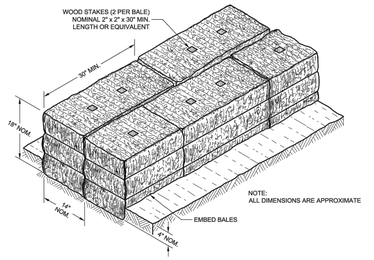
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 10/16/02 (DATE) /S/ Beth Cannestra (ROADWAY STANDARDS DEVELOPMENT ENGINEER)

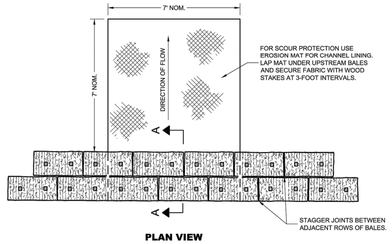
FHWA

INLET PROTECTION DETAIL

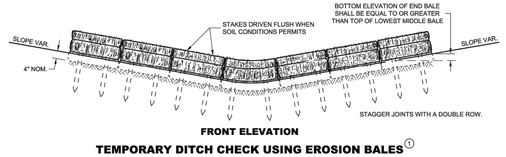
Scale: NOT TO SCALE



SECTION A - A



PLAN VIEW



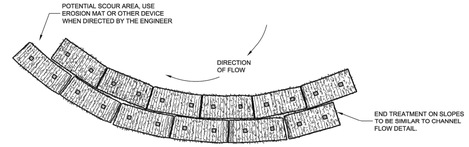
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

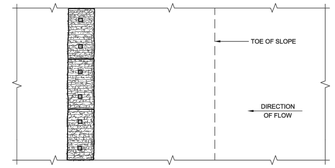
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS, EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

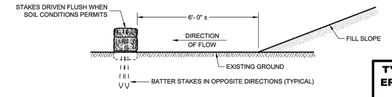


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN ELEVATION



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS

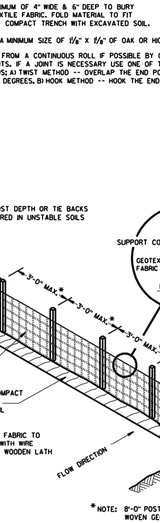
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 6/4/02 (DATE) /S/ Beth Cannestra (CHIEF ROADWAY DEVELOPMENT ENGINEER)

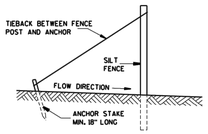
FHWA

DITCH CHECK DETAIL

Scale: NOT TO SCALE

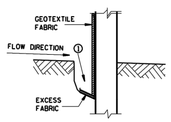


SILT FENCE

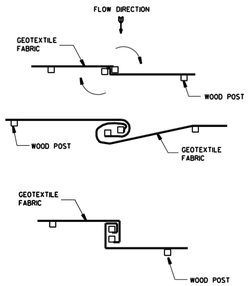


SILT FENCE TIE BACK

(WHEN ADDITIONAL SUPPORT REQUIRED)



TRENCH DETAIL



JOINING TWO LENGTHS OF SILT FENCE (4)

GENERAL NOTES

1. TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
2. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1"/2" x 1"/2" OF OAK OR HICKORY.
3. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS: A) TWIST METHOD -- OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK METHOD -- HOOK THE END OF EACH SILT FENCE LENGTH.

This drawing based on Wisconsin Department of Transportation Standard Detail Drawing 8 E 9-6.

SILT FENCE

SILT FENCE DETAIL

Scale: NOT TO SCALE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

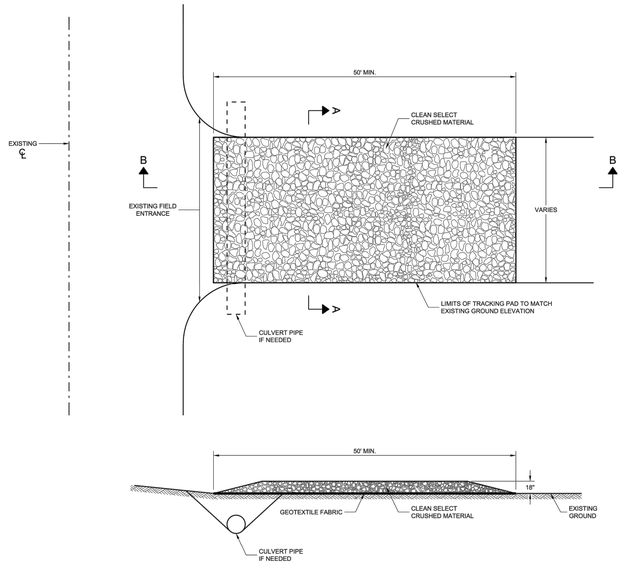
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

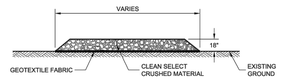
SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION B - B



SECTION A - A

TRACKING PAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 3/24/2011 (DATE) /S/ Jerry H. Zogg (ROADWAY STANDARDS DEVELOPMENT ENGINEER)

FHWA

CONSTRUCTION ENTRANCE DETAIL

Scale: NOT TO SCALE

2200 CABOT DRIVE
SUITE 325
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P: 630.596.0007
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PROPOSED IMPROVEMENTS FOR

CNG FUELING STATION

1ST STREET
SOMERS, WI

PROJ NO: 220259

ENG : GPH

DATE : 03/24/2023

SHEET TITLE:

SOIL EROSION & SEDIMENT CONTROL DETAILS

SHEET NUMBER

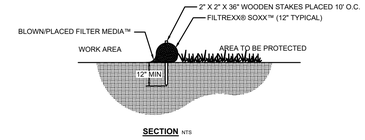
C5.3

17 OF 23

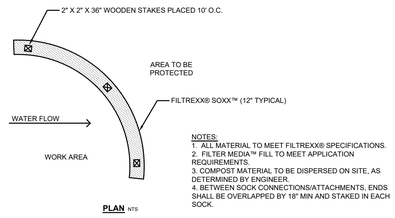
AVERAGE DIMENSION RANGES FOR EACH RIPRAP GRADE

EX-LIGHT RIPRAP (inch)	LIGHT RIPRAP (inch)	MEDIUM RIPRAP (inch)	HEAVY RIPRAP (inch)	EX-HEAVY RIPRAP (inch)	IN-PLACE VOLUME OF STONES
>10	>16	>20	>25	>30	0%
7 - 9	11 - 13	14 - 16	18 - 20	22 - 25	10% - 14%
5 - 7	9 - 11	11 - 14	14 - 18	18 - 22	15% - 21%
2 - 5	4 - 9	5 - 11	6.5 - 14	8 - 18	20% - 28%
<2	<4	<5	<6.5	<8	5% - 7%
<1	<1	<1	<1	<1	2% or less

RIPRAP SIZING DETAIL
Scale: NOT TO SCALE



SECTION NTS



NOTES:
1. ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS.
2. FILTER MEDIA™ FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.
4. BETWEEN SOCK CONNECTIONS/ATTACHMENTS, ENDS SHALL BE OVERLAPPED BY 18" MIN AND STAKED IN EACH SOCK.

PLAN NTS

FILTREXX® SEDIMENT CONTROL
NTS

SEDIMENT LOG DETAIL
Scale: NOT TO SCALE

TYPE OF EROSION CONTROL	SLOPE 6:1 or flatter (7) SLOPE LENGTH 0 - 30'	30 - 60'	60 - 120'	4:1 SLOPE LENGTH 0 - 30'	30 - 60'	60 - 120'	3:1 SLOPE LENGTH 0 - 30'	30 - 60'	60 - 120'	2.5:1 SLOPE LENGTH 0 - 30'	30 - 60'	60 - 120'	2:1 SLOPE LENGTH 0 - 30'	30 - 60'	60 - 120'	1:1 SLOPE LENGTH 0 - 30'	30 - 60'	60 - 120'	REMARKS
Seed with properly anchored mulch																			
Single netted light duty (WisDOT Class I Type A) erosion mat																			
Light duty single netted 100% biodegradeable (WisDOT Urban Type A) erosion mat																			Use only 100% biodegradeable anchors for urban mats.
Light duty double netted 100% biodegradeable (WisDOT Urban Type B) erosion mat																			Use only 100% biodegradeable anchors for urban mats.
Bonded Mulch (WisDOT Type A Soil Stabilizer)																			May be applied over Class III Type B, C, or D mats in place of erosion control revegetation mats.
Polymer (WisDOT Type B Soil Stabilizer)	Used in conjunction with other BMPs effective up to a 2:1 slope. Not effective in sand. When used alone effective up to a 3:1 slope. Stand alone use appropriate for earthen stock piles, temporary, and late season applications																		
Double netted light duty (WisDOT Class I Type B) erosion mat												⊗							
Sod												⊗							
Medium duty coconut erosion mat (WisDOT Class II Type B or C)																			
Sod reinforced with a double netted jute (WisDOT Class II Type A) erosion mat												⊗							Sod stakes required. Two bid items needed.
Heavy duty synthetic erosion control revegetation mat (WisDOT Class III Type A)																			Germination may be a problem with Class III Type A mats
Riprap																			Angle of repose must be considered, see FDM Chapter 13.
Heavy duty synthetic turf reinforcement (WisDOT Class III Type B or C) mat																			A soil stabilizer or ECRM will be required for initial erosion protection.
Heavy duty synthetic turf reinforcement (WisDOT Class III Type D) mat																			A soil stabilizer or ECRM will be required for initial erosion protection.
Slope paving or grouted riprap																			Consider clear zone requirements. Only use in limited circumstances such as overflow areas near bridges.
Benches	Consider benches when cuts exceed 20', bench at approximately 15' vertical intervals to collect and drain water. Treat benches as channels (ditches). Adjust elevations to provide drainage. Consider flumes at transitions.																		
Intercepting embankments	Used to intercept runoff from abutting lands. Flumes may be necessary to direct runoff.																		
Silt fence	Used at toe of slopes to intercept and detain small amounts of sediment. Use only WisDOT approved silt fence as listed in the PAL.																		
Temporary ditch checks or Erosion bales	Used at toe of slopes to intercept and detain small amounts of sediment.																		
Slope drains/flumes	May be necessary on slopes (see channel matrix for design guidance).																		
Sediment traps	Used to trap sediment laden runoff. Could be used at the inlet or outlet end of slope drain.																		

KEY:
Not applicable. Use in conjunction with other BMPs: ⊗
Effective range of device for Sandy or Clayey Soil: ▬▬▬
Device applicable, may not be cost effective: ▬▬▬

* Soils that are not sandy should be treated as clay soils.

ECRM - Erosion control revegetation mat. All Class I and II mats are ECRMs.
TRM - Turf reinforcement mat.
FDM - WisDOT Facilities Development Manual
PAL - See Note 5

NOTES
1) Cost shall be a consideration in the selection of these devices.
2) Designers should review FDM Chapter 10 prior to selection of erosion mats.
3) Install intercepting ditches to limit slope lengths to 15' vertical intervals. (See FDM Chapter 10)
4) Refer to FDM Chapter 10 for any slopes exceeding the limits shown.
5) Approved materials for erosion products are referenced from the Wisconsin Department of Transportation Erosion Control Product Acceptability Lists (PAL), found at the web site: http://www.dot.wisconsin.gov/business/engrserv/pal.htm
6) On steeper slopes that require a higher class mat, use the appropriate lower class mat or seed and mulch for the first 30 ft to 60 ft of the slope.
7) Unless project conditions require otherwise, seed and mulch all slopes that are flatter than a 5% grade, regardless of length. If practicable, bench the slopes.
8) Effective erosion control involves minimizing the amount of time soil is exposed and the selection of a combination of practices, and not reliance on just one practice.

SLOPE EROSION CONTROL MATRIX
Scale: NOT TO SCALE

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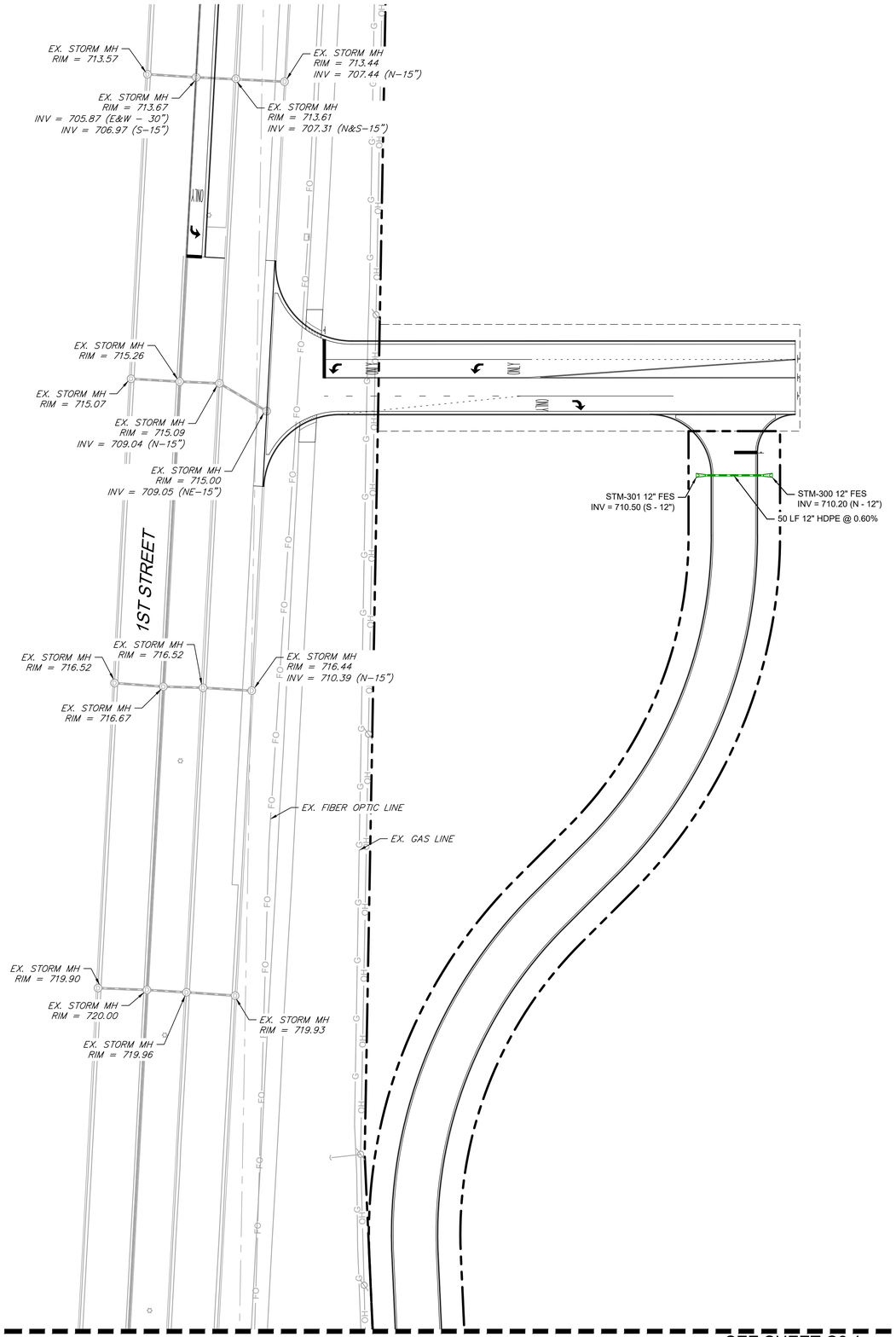
CNG FUELING STATION
1ST STREET
SOMERS, WI

PROJ NO: 220259
ENG : GPH
DATE : 03/24/2023

SHEET TITLE:
SOIL EROSION & SEDIMENT CONTROL DETAILS

SHEET NUMBER
C5.4
18 OF 23



0 40' 80'

1" = 40' (HORIZONTAL)

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PROPOSED IMPROVEMENTS FOR
CNG FUELING STATION
1ST STREET
SOMERS, WI

PROJ NO: 220259
ENG : GPH
DATE : 03/24/2023

SHEET TITLE
UTILITY PLAN
NE

SHEET NUMBER
C6.0
19 OF 23

SEE SHEET C6.0

SEE SHEET C6.2

EX. STORM MH
RIM = 728.89

EX. STORM MH
RIM = 728.85

EX. STORM MH
RIM = 728.83

EX. STORM MH
RIM = 728.85

EX. STORM MH
RIM = 738.68

EX. STORM MH
RIM = 738.65

EX. STORM MH
RIM = 738.71

EX. STORM MH
RIM = 738.65

1ST STREET

EX. STORM MH
RIM = 744.92

EX. STORM MH
RIM = 744.96

EX. STORM MH
RIM = 744.94

EX. STORM MH
RIM = 744.87

EX. RIP RAP

EX. ASPHALT SPILLWAY

EX. FIBER OPTIC LINE

EX. GAS LINE

STM-202A 4' DIA MH
DRY HYDRANT
NEENAH R-3281-A FR & GR
RIM = 708.58
INV = 688.00 (S - 15")

229 LF 15" HDPE @ 0.00%

STM-202 4' DIA MH W/ DROP CONNECTION
NEENAH R-1713 FR & GR
RIM = 709.30
INV = 705.22 (W - 18")
INV = 688.00 (N - 15")
INV = 688.00 (SW - 15")

1095 LF 15" HDPE @ 0.00%

43 LF 4" PVC @ 1.00%

SANITARY HOLDING TANK
(DESIGNED BY OTHERS)

2" COPPER DOMESTIC WATER SERVICE, TYPE K

WATER WELL AND HYDROPNEUMATIC
TANK (DESIGNED BY OTHERS)

WATER SERVICE VALVE BOX

27 LF 4" PVC @ 1.00%

4" DOMESTIC
SANITARY
CONNECTION
INV = 705.00

112 LF 12" HDPE @ 1.38%

STM-203A 4' DIA MH
NEENAH R-3281-A FR & GR
RIM = 709.50
INV = 706.50 (S - 12")

SAN-100 4' MONITORING MH
RIM = 710.7
INV = 704.72 (W,N - 4")

28 LF 18" HDPE @ 3.00%

STM-203 4' DIA MH
NEENAH R-3281-A FR & GR
RIM = 709.50
INV = 704.96 (N - 12")
INV = 703.06 (W - 18")
INV = 703.06 (E- 18")

93 LF 18" HDPE @ 1.30%

STM-204 4' DIA MH
NEENAH R-2504 FR & GR
RIM = 709.80
INV = 704.27 (NW - 15")
INV = 704.27 (E - 18")

PROPOSED BUILDING
F.F. = 711.00

92 LF 15" HDPE @ 1.00%

STM-205 4' DIA MH
NEENAH R-3281-A FR & GR
RIM = 709.40
INV = 706.28 (W - 12")
INV = 706.28 (S - 12")

STM-204 4' DIA MH
NEENAH R-3281-A FR & GR
RIM = 709.70
INV = 705.19 (N - 12")
INV = 705.19 (E - 15")

12 LF 12" HDPE @ 1.00%

73 LF 12" HDPE @ 1.50%

STM-206 2' DIA INLET
NEENAH R-3281-A FR & GR
RIM = 709.40
INV = 706.40 (E - 12")

2200 CABOT DRIVE
SUITE 325
LISLE, IL 60532
P: 630.596.0007
WWW.CAGECIVIL.COM

CAGE
CIVIL ENGINEERING

WISCONSIN
GREG
HOREJS
E-45136
DOWNERS
GROVE,
IL
PROFESSIONAL ENGINEER

REVISIONS

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PROPOSED IMPROVEMENTS FOR

CNG FUELING STATION

1ST STREET
SOMERS, WI

PROJ NO: 220259

ENG : GPH

DATE : 03/24/2023

SHEET TITLE

UTILITY PLAN
NW

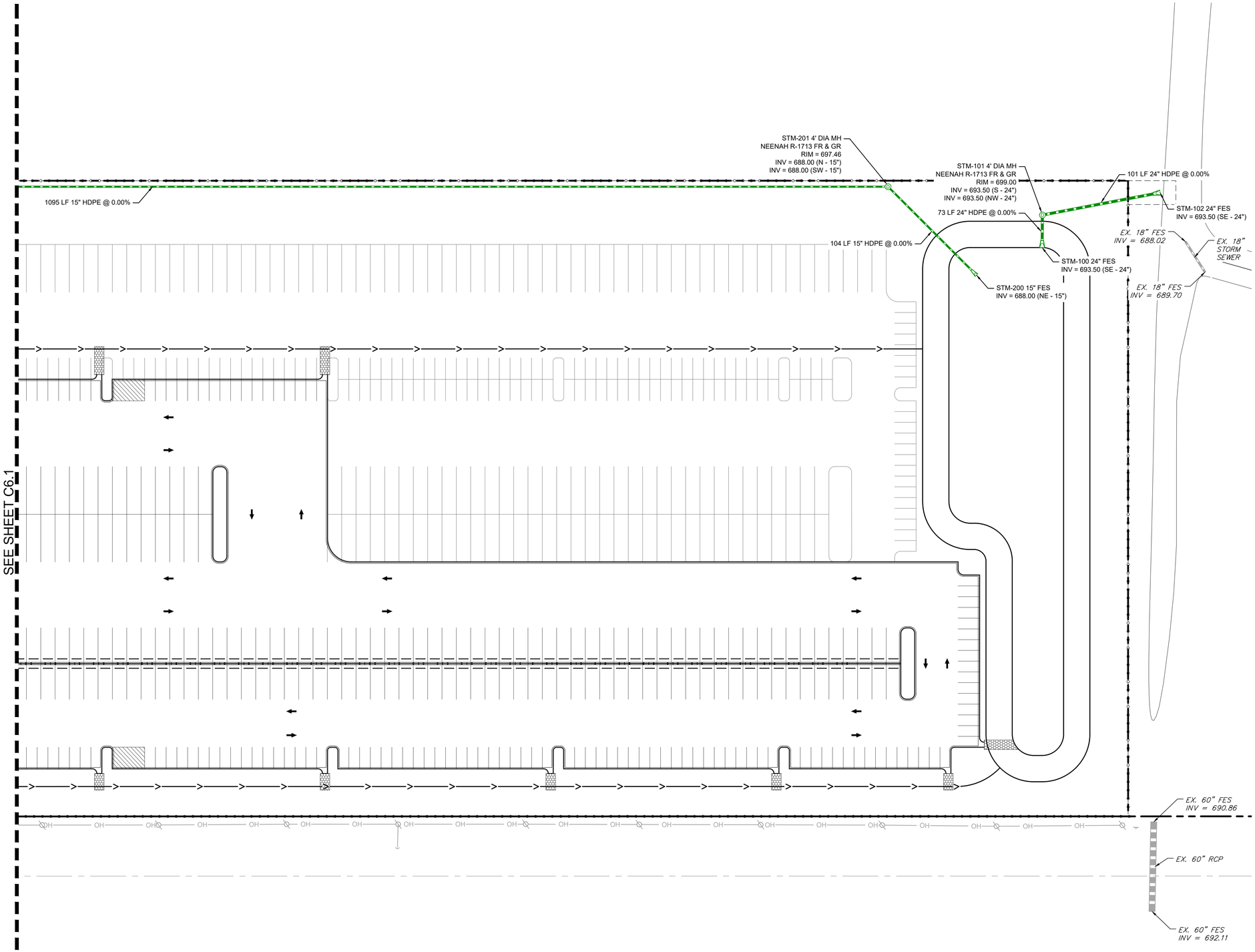
SHEET NUMBER

C6.1

20 OF 23

0 40' 80 '

1" = 40' (HORIZONTAL)



0 40' 80'

1" = 40' (HORIZONTAL)

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REVISIONS △

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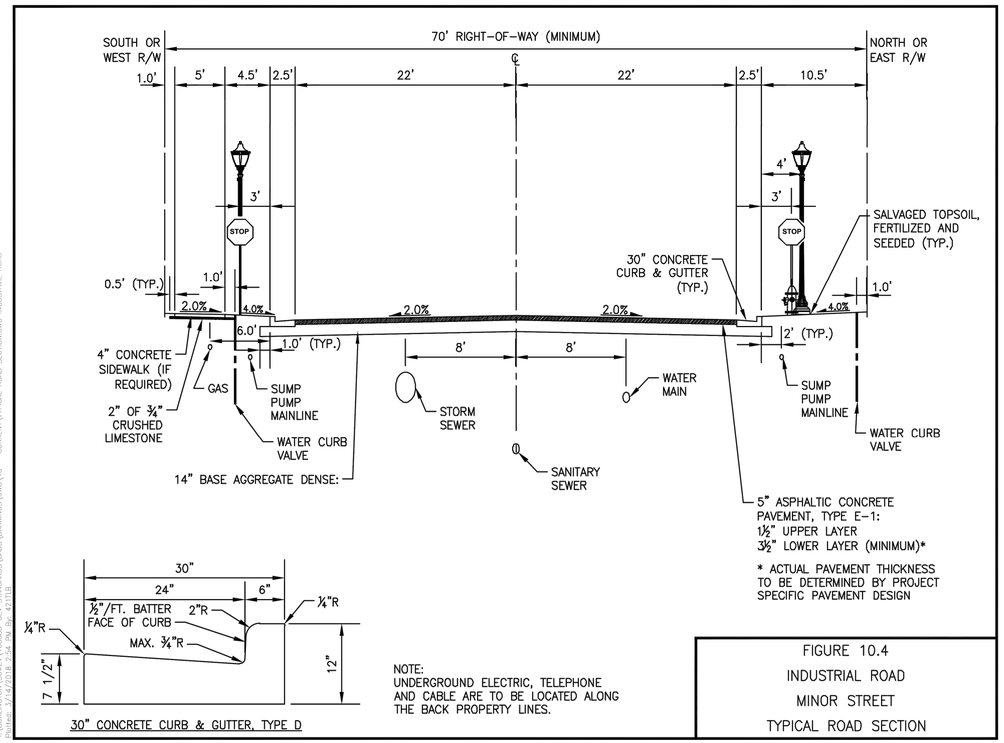
1ST STREET
SOMERS, WI

PROJ NO: 220259
ENG : GPH
DATE : 03/24/2023

SHEET TITLE
UTILITY PLAN
SW

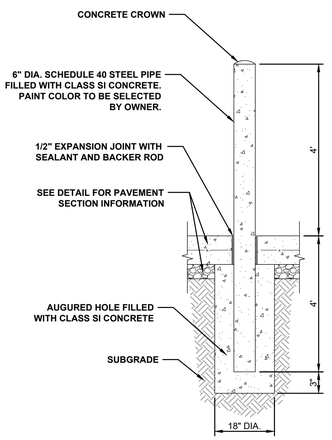
SHEET NUMBER
C6.2
21 OF 23



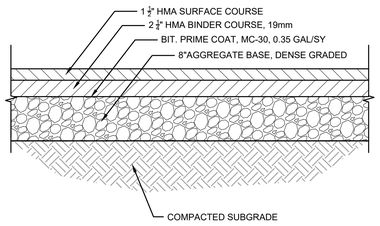
NOTE:
UNDERGROUND ELECTRIC, TELEPHONE AND CABLE ARE TO BE LOCATED ALONG THE BACK PROPERTY LINES.

FIGURE 10.4
INDUSTRIAL ROAD
MINOR STREET
TYPICAL ROAD SECTION

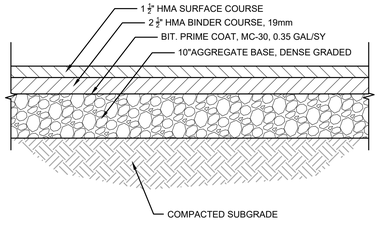
VILLAGE OF SOMERS INDUSTRIAL ROAD DETAIL
Scale: NOT TO SCALE



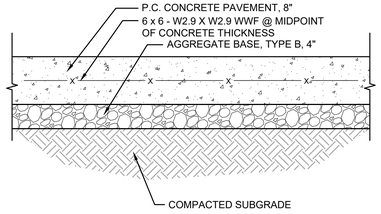
BOLLARD DETAIL
Scale: NOT TO SCALE



STANDARD DUTY ASPHALT DETAIL
Scale: NOT TO SCALE

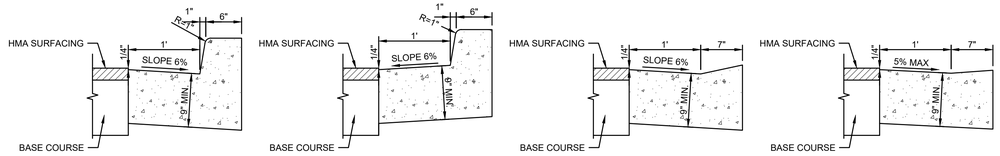


HEAVY DUTY ASPHALT DETAIL
Scale: NOT TO SCALE



HEAVY DUTY CONCRETE DETAIL
Scale: NOT TO SCALE

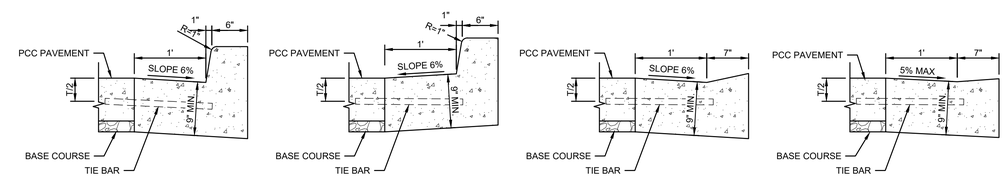
ADJACENT TO BITUMINOUS PAVEMENT



B-6.12 COMBINATION CURB & GUTTER | B-6.12 COMBINATION CURB & GUTTER, INVERTED PAN | DEPRESSED CURB | DEPRESSED CURB @ ACCESSIBLE RAMPS

* ALL CURB AND GUTTER SHALL HAVE A 4" STONE BASE

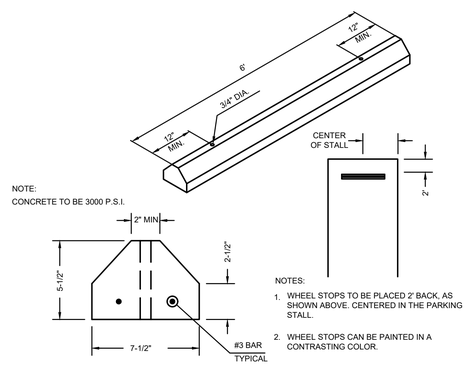
ADJACENT TO PCC PAVEMENT



B-6.12 COMBINATION CURB & GUTTER | B-6.12 COMBINATION CURB & GUTTER, INVERTED PAN | DEPRESSED CURB | DEPRESSED CURB @ ACCESSIBLE RAMPS

* LONGITUDINAL JOINT TIE BARS SHALL BE NO. 6 AT 24" CENTERS IN ACCORDANCE WITH STANDARD SPECIFICATIONS.
* ALL CURB AND GUTTER SHALL HAVE A 4" STONE BASE

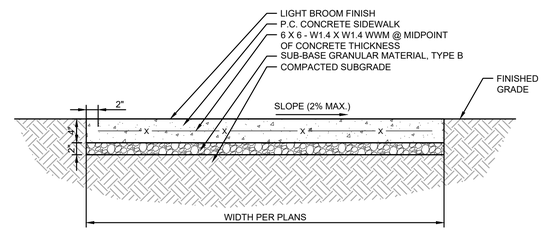
CURB & GUTTER DETAIL
Scale: NOT TO SCALE



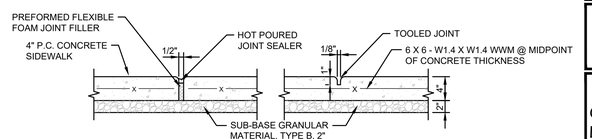
NOTE:
CONCRETE TO BE 3000 P.S.I.

NOTES:
1. WHEEL STOPS TO BE PLACED 2' BACK, AS SHOWN ABOVE. CENTERED IN THE PARKING STALL.
2. WHEEL STOPS CAN BE PAINTED IN A CONTRASTING COLOR.

WHEEL STOP DETAIL
Scale: NOT TO SCALE



CONCRETE SIDEWALK DETAIL
Scale: NOT TO SCALE



EXPANSION JOINT

1. PROVIDE EXPANSION JOINTS AT 30'-0" O.C. MAXIMUM AND AT INTERSECTION WITH STRUCTURES AND ABRUPT CHANGES.
2. PROVIDE CONTRACTION JOINTS AT 5' INTERVALS OR AS NOTED ON PLANS OR SHOWN IN DETAILS.

CONTRACTION JOINT

CONCRETE SIDEWALK JOINTING DETAIL
Scale: NOT TO SCALE

2200 CABOT DRIVE
SUITE 325
LISLE, IL 60532
P: 630.596.0007
WWW.CAGECIVIL.COM

CAGE CIVIL ENGINEERING

WISCONSIN
GREG HOREJS
E-45136
DOWNERS GROVE, IL
PROFESSIONAL ENGINEER

REVISIONS

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PROPOSED IMPROVEMENTS FOR
CNG FUELING STATION
1ST STREET
SOMERS, WI

PROJ NO: 220259
ENG : GPH
DATE : 03/24/2023

SHEET TITLE
CONSTRUCTION DETAILS

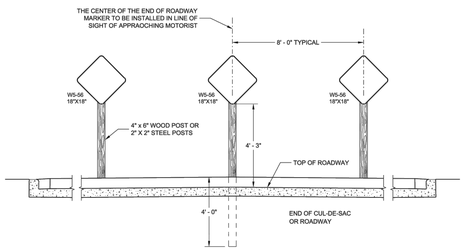
SHEET NUMBER
C7.0
22 OF 23

GENERAL NOTES

SIGN LOCATIONS SHOWN ARE TYPICAL PLACEMENT AND MAY BE ADJUSTED BY THE ENGINEER AS FIELD CONDITIONS DICTATE.

THE MINIMUM NUMBER OF END-OF-ROADWAY SIGNS ARE THREE (AS SHOWN). ADDITIONAL END-OF-ROADWAY SIGNS MAY BE INSTALLED AS FIELD CONDITIONS DICTATE. (SEE SIGNING PLAN).

WHEN BEAMGUARD IS REQUIRED, PLACE END-OF-ROADWAY SIGNING BEHIND BEAMGUARD.



TYPICAL SIGN INSTALLATION

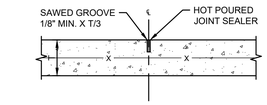
END-OF-ROADWAY SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

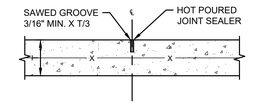
APPROVED
May 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER
FHWA

END OF ROADWAY SIGNAGE DETAIL

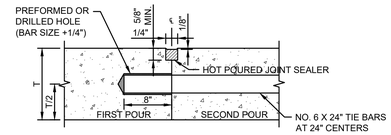
Scale: NOT TO SCALE



LONGITUDINAL SAWED JOINT

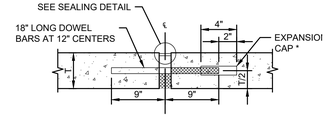


TRANSVERSE CONTRACTION JOINT



LONGITUDINAL CONSTRUCTION JOINT

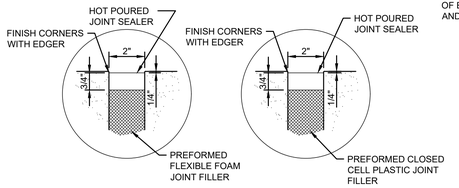
(TIE BAR GROUTED IN PLACE)



TRANSVERSE EXPANSION JOINT

(FOR PAVEMENTS WITH EQUAL THICKNESS)

* EXPANSION CAPS SHALL BE INSTALLED ON THE EXPOSED END OF EASH DOWELBAR ONCE THE HEADER HAS BEEN REMOVED AND THE JOINT FILLER MATERIAL HAS BEEN INSTALLED

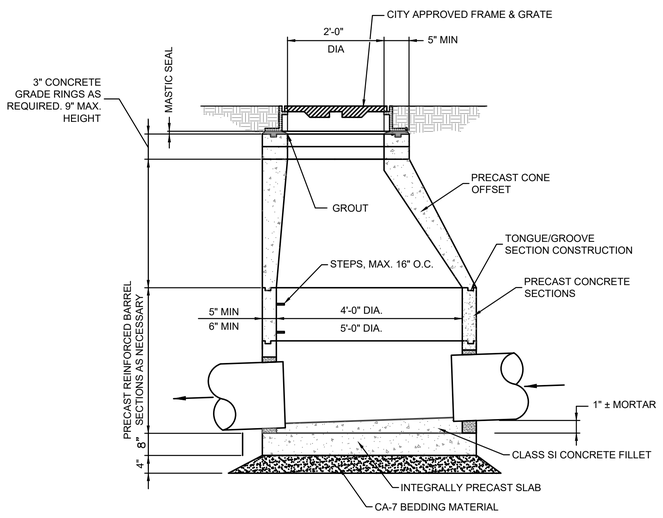


SEALING DETAIL

DOWEL BAR TABLE	
PAVEMENT THICKNESS	DOWEL BAR DIAMETER (IN)
8" OR GREATER	1 1/2
7" THRU < 8"	1 1/4
LESS THEN 7"	1

PAVEMENT JOINTING DETAIL

Scale: NOT TO SCALE

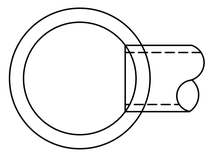


NOTES:

1. FOR SEWERS TWENTY-FOUR (24) INCH OR LESS IN DIAMETER, USE FORTY-EIGHT (48) INCH MANHOLES; FOR SEWERS MORE THAN TWENTY-FOUR (24) INCH IN DIAMETER, USE SIXTY (60) INCH MANHOLES.
2. STOP ALL PIPE 3" INTO MANHOLE.
3. CLEAN ALL JOINTS AND INSTALL SEALING GASKETS.
4. ALL STRUCTURE SECTIONS SHALL BE JOINED IN TONGUE AND GROOVE METHOD WITH A PREFORMED BITUMINOUS JOINT SEALER THROUGHOUT THE SEALING SURFACE.
5. ALL CASTING SHALL CONFORM TO THE CURRENT CITY APPROVED CASTING LIST.
6. TRENCH BACKFILL IS REQUIRED AROUND ALL STRUCTURES, CA-7 CRUSHED LIMESTONE AGGREGATE.

STORM MANHOLE DETAIL

Scale: NOT TO SCALE

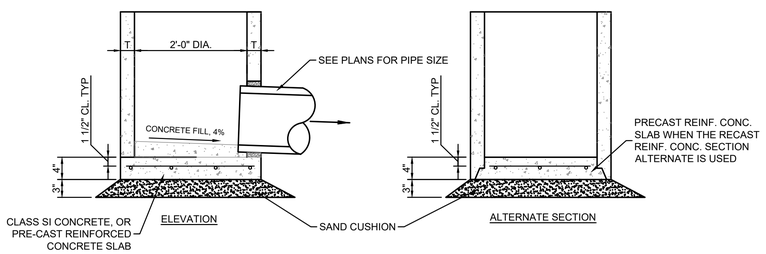


PLAN

WALL SECTION	T
CAST IN PLACE CONCRETE	6"
PRECAST REINFORCED CONCRETE	3"

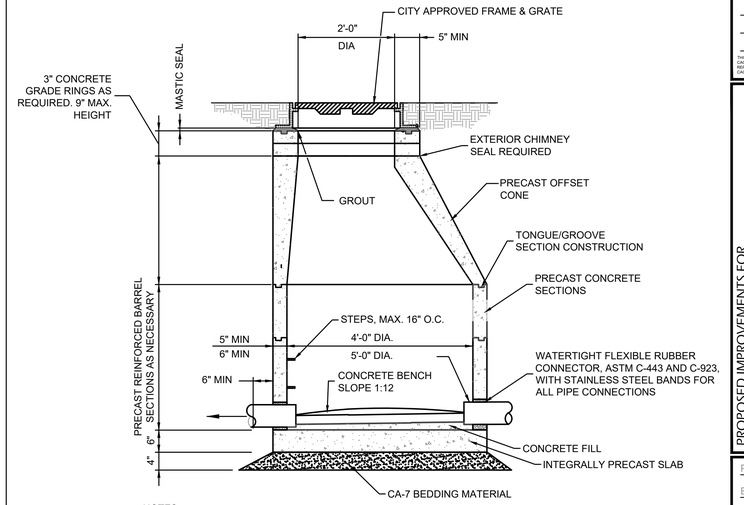
GENERAL NOTES:

1. BOTTOM SLABS SHALL BE REINFORCED WITH A MINIMUM OF 0.24 SQ. IN./FT. IN BOTH DIRECTIONS WITH A MAXIMUM SPACING OF 10"
2. BOTTOM SLABS MAY BE CONNECTED TO THE RISER AS DETERMINED BY THE FABRICATOR; HOWEVER ONLY A SINGLE ROW OF REINFORCEMENTAROUND THE PERIMETER MAY BE UTILIZED.
3. ALL DIMENSIONS ARE IN INCHES.



STORM INLET DETAIL

Scale: NOT TO SCALE



NOTES:

1. FOR SEWERS TWENTY-FOUR (24) INCH OR LESS IN DIAMETER, USE FORTY-EIGHT (48) INCH MANHOLES; FOR SEWERS MORE THAN TWENTY-FOUR (24) INCH IN DIAMETER, USE SIXTY (60) INCH MANHOLES.
2. FORM FLOW CHANNELS THRU MANHOLE THE FULL SIZE OF SEWER MAINS CONFORMING TO THE CROSS SECTION OF PIPE; SHAPE AND TROWEL SMOOTH.
3. STOP ALL PIPE 1" INTO MANHOLE.
4. CLEAN ALL JOINTS AND INSTALL SEALING GASKETS.
5. ALL STRUCTURE SECTIONS SHALL BE JOINED IN TONGUE AND GROOVE METHOD WITH A PREFORMED BITUMINOUS JOINT SEALER THROUGHOUT THE SEALING SURFACE.
6. ALL CASTING SHALL CONFORM TO THE CURRENT CITY APPROVED CASTING LIST.
7. TRENCH BACKFILL IS REQUIRED AROUND ALL STRUCTURES, CA-7 CRUSHED LIMESTONE AGGREGATE.

SANITARY MANHOLE DETAIL

Scale: NOT TO SCALE

2200 CABOT DRIVE
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SHEET NUMBER
C7.1
23 OF 23

Sam Schwartz
200 South Wacker Drive, Suite 1400
Chicago, IL 60606
(773) 305-0800
samschwartz.com

Memorandum

To: Mr. Brad Hovanec, CAGE Engineering, Inc.
From: Kelly Conolly
Date: March 23, 2023
Re: Compressed Natural Gas Fueling Center, Somers, WI, Traffic Engineering Services

Sam Schwartz Consulting, LLC, was retained to provide traffic engineering services to CAGE Engineering, Inc. in support of the Compressed Natural Gas Fueling Center proposed on the south side of County KR in Somers, Wisconsin. Sam Schwartz is currently in progress on a traffic submittal which will follow Wisconsin Department of Transportation (WisDOT) standards given the agency's involvement in the current and ultimate jurisdiction of County KR. The first step of the traffic submittal is to complete an Initial Review (IR) document which consists of a site plan, proposed access location(s), existing traffic volumes, proposed trip generation, proposed trip distribution, and proposed trip assignment. The IR will be submitted to WisDOT, Kenosha County, and the Village/Town for review. It is expected that the reviewing jurisdictions will provide written responses and WisDOT will take the lead in defining the scope of a Traffic Impact Analysis (TIA), if required. The second step would be completion and submittal of the TIA, as necessary.

Completion of the process outlined above will determine final geometric improvements required on the external roadway system, if any, to mitigate anticipated traffic-related impacts resulting from the proposed development and to improve the functionality of the local transportation system. Preliminary review of the WisDOT Facilities Development Manual (FDM) indicates an exclusive left-turn lane will likely be required by WisDOT at the proposed access drive on County KR due to its policy to provide exclusive left-turn lanes at all median openings on rural and urban transitional divided highways. FDM guidance suggests the minimum storage length of the left-turn lane would be 300 feet plus 150 feet of taper. Final lane dimensioning, access configuration, and intersection control will be based on standard WisDOT guidance and on approvals by the reviewing agencies.

Please do not hesitate to reach out with any questions regarding the above at kelly.conolly@samschwartz.com.

Sam Schwartz Engineering, DPC is a firm authorized to perform engineering services in different states and works in cooperation with Sam Schwartz Consulting, LLC, collectively comprising the Sam Schwartz team. Working as a team provides both companies access to the entire network of professionals.

COUNTY OF KENOSHA

Division of Planning & Development

Andy M. Buehler, Director
Division of Planning & Development
19600 75th Street, Suite 185-3
Bristol, WI 53104-9772
(262) 857-1895

MEMORANDUM

TO: **Jason Peters, Village of Somers Administrator**
FROM: **Luke Godshall, Senior Land Use Planner**
DATE: **4-28-23**
RE: **Proposed Residential Re-development of Maplecrest Country Club**

Project: Maplecrest Country Club Residential Re-development
Developer: Heyday / Three Leaf Partners / LandQuest
Parcel(s): 82-4-222-201-0100

Proposed Use: Single- and Multi-Family residential development of 899 total dwelling units including parks, clubhouse, open space and an interconnected trail system

Sanitation: To be served by sanitary sewer & water

Environmental Factors: Floodplain & Wetlands

Existing Land Use: Park and Recreational
Proposed Land Use: High-Density Residential & Medium-Density Residential

Current Zoning: PR-1 Park-Recreational District
Proposed Zoning: R-10, R-4 or R-4.5, PUD overlay, C-1, PR-1

Project Overview:
The Petitioners seek conceptual approval from the Plan Commission of a proposed residential re-development of the Maplecrest Country Club, at the southwest corner of County Trunk Highway "H" & 18th Street. The development would consist of traditional single-family residential lots along with multi-family units in the form of single-family attached homes, two-story townhomes, garden style apartments and traditional single-family Lots. Overall, the development would consist of 899 dwelling units on approximately 160 acres, for an overall density of approximately 8.9 dwelling units per developable net acre (R-10 zoning allows for up to 10.8 dwelling units per developable net acre).

The development's amenities would include a community clubhouse, 65+ acres of parks & open space, playgrounds, recreation fields, and an interconnected trail system throughout the entire development.

Planner Comments:
The Petitioner has submitted an overall conceptual residential development master plan (dated 3-24-23) which provides an overall site plan and other general information about the proposed development. The submitted plans do not include conceptual renderings showing what proposed buildings might look like or what their dimensions & heights might be. The site plan also does not include measurements or dimensions and does not provide a scale to show sizes of proposed lots or

setbacks from proposed streets and lot lines. This information will be needed to determine if proposed buildings and lots meet zoning ordinance requirements (height, size, setbacks, lot size, etc.), or if any deviations from zoning ordinance requirements would need to be requested by the Petitioner as part of a PUD (Planned Unit Development).

It is assumed that the development would be constructed in phases, however the submitted concept plans do not indicate a phasing plan or exhibit. It is also not clear from the submitted plans how the parcel will be subdivided. The developer may choose to initially subdivide the existing parcel via Certified Survey Map to create larger Lots for the multi-family areas and to dedicate Village road rights-of-way. The single-family lots of the development would need to be created through the subdivision platting process (preliminary and final plats to be reviewed by the Plan Commission and Board).

It appears that the multi-family areas could fall under the R-10 Multiple-Family Residential District, based on the density being proposed. The submitted plans do not indicate lot areas or dimension for the single-family lots, so it is unclear as to which zoning district would need to be assigned, though it would appear that these proposed lots would likely fall under the R-4 or R-4.5 Urban Single-Family Residential District.

The submitted plans illustrate a proposed street and access drive network to serve the development, which would be accessed by primary streets from 18th Street on the north and CTH "H" (88th Avenue) on the east. The submitted plans do not indicate the width of these streets, though they would at least need to meet the minimum requirements for a Village street right-of-way of 66'.

When a previous developer proposed a similar residential development on this parcel, the Kenosha County Highway Department indicated that an additional 27' of right-of-way must be dedicated for CTH H (to create a 60' half right-of-way). Buildings located along CTH H will need to meet the minimum highway setback requirement of 65' from the new right-of-way line. It is unclear from the submitted plans if proposed buildings along CTH H would meet the 65' setback requirement.

The site contains a fair amount of floodplain & wetland areas at the southeast portion of the site which the developer intends to utilize as open space. The submitted site plan does a good job of mostly working around the floodplain and wetland areas of the site, though it appears that some of the proposed single-family lots have floodplain encroaching onto them. Proposed lots shown to contain floodplain should be revised so as to not be located in the floodplain.

- **Necessary Applications/Approvals for this project would include:**
  - Land Use Plan Amendment.
  - Rezoning
  - Land Division (Preliminary Plat or Certified Survey Map) application.
  - Site Plan Review/Building Fenestration Review.
  - County Highway Department review/approval of proposed connection to CTH "H" and possible highway right-of-way dedication.
  - Stormwater management plan.

Established 1843
Somers
VILLAGE & TOWN
www.somers.org
P.O. Box 197, Somers, WI 53171 • PH: (262) 859-2822 • FAX: (262) 859-2331

OWNER'S AUTHORIZATION

April 10, 2023

To: Village of Somers Plan Commission & Village Board of Trustees

RE: Property Address(es): 9401 18TH ST

Parcel ID(s): 82-4-222-201-0100

Be advised that the above-referenced property is currently owned by Maple Crest Country Club Inc.. As the owner of the above referenced Property, I give permission for Land Quest Partners and Three Leaf Partners, to submit on my behalf, all necessary applications and related documentation for approval of plat, comprehensive plan amendment, rezone, site plan and exterior fenestration from the Village of Somers, Kenosha, County, Wisconsin. Furthermore, Land Quest Partners and Three Leaf Partners is authorized to act on my behalf, at meetings with Village Staff, Plan Commission, Village Board Work Sessions, and Village Board Meetings.

Thank you,

Daniel Plebanek
Signature

4/10/2023
Date

Daniel J. Plebanek Its: President, Maple Crest Country Club Inc.

Contact Information:

Name: Daniel J. Plebanek

Phone: (262) 412-0601

HEYDAY

THREE LEAF PARTNERS

LAND·QUEST

MARCH 24 2023

RESIDENTIAL DEVELOPMENT MASTER PLAN

MAPLECREST SOMERS, WI

vocon.

MORE THAN JUST HOUSING,
MAPLECREST IS A COMMUNITY WITH A SENSE OF PLACE AND A UNIQUE IDENTITY TIED TO ITS GEOGRAPHY AND NATURAL ASSETS

- CREATE A UNIQUE IDENTITY FOR EACH OF THE RESIDENTIAL ENCLAVES
- CREATE MEANINGFUL OUTDOOR SPACES DISPERSED THROUGHOUT THE NEIGHBORHOOD AT A VARIETY OF SCALES
- CREATE A WELL-CONNECTED PEDESTRIAN EXPERIENCE
- CAPITALIZE ON EXISTING WATERWAYS AND FLOODPLAIN NETWORKS
- INTEGRATE STORWATER MANAGEMENT INTO EACH OF THE ENCLAVES
- MAINTAIN THE EXISTING PERIMETER TREE BUFFER ALONG 18TH STREET AND 88TH AVENUE
- PROVIDE FUTURE ROADWAY CONNECTIONS TO THE WEST AND SOUTH

COMMUNITY CHARACTER

CONNECTED MULTI-USE PATHS AND SIDEWALKS

PUBLIC AND SEMI-PRIVATE SPACES COEXIST

HUMAN SCALED COMMUNAL SPACES WITH A PURPOSE

BUILDINGS DEFINE SPACES AND STREETS

STORMWATER MANAGEMENT AS AN ASSET

AREA MAP

Somers Rd
Wisconsin Veterans Mem
Somers
88th Ave
18TH STREET
88TH AVENUE
94
142
Burlington Rd
38th St
EA
EA
EA
31
N

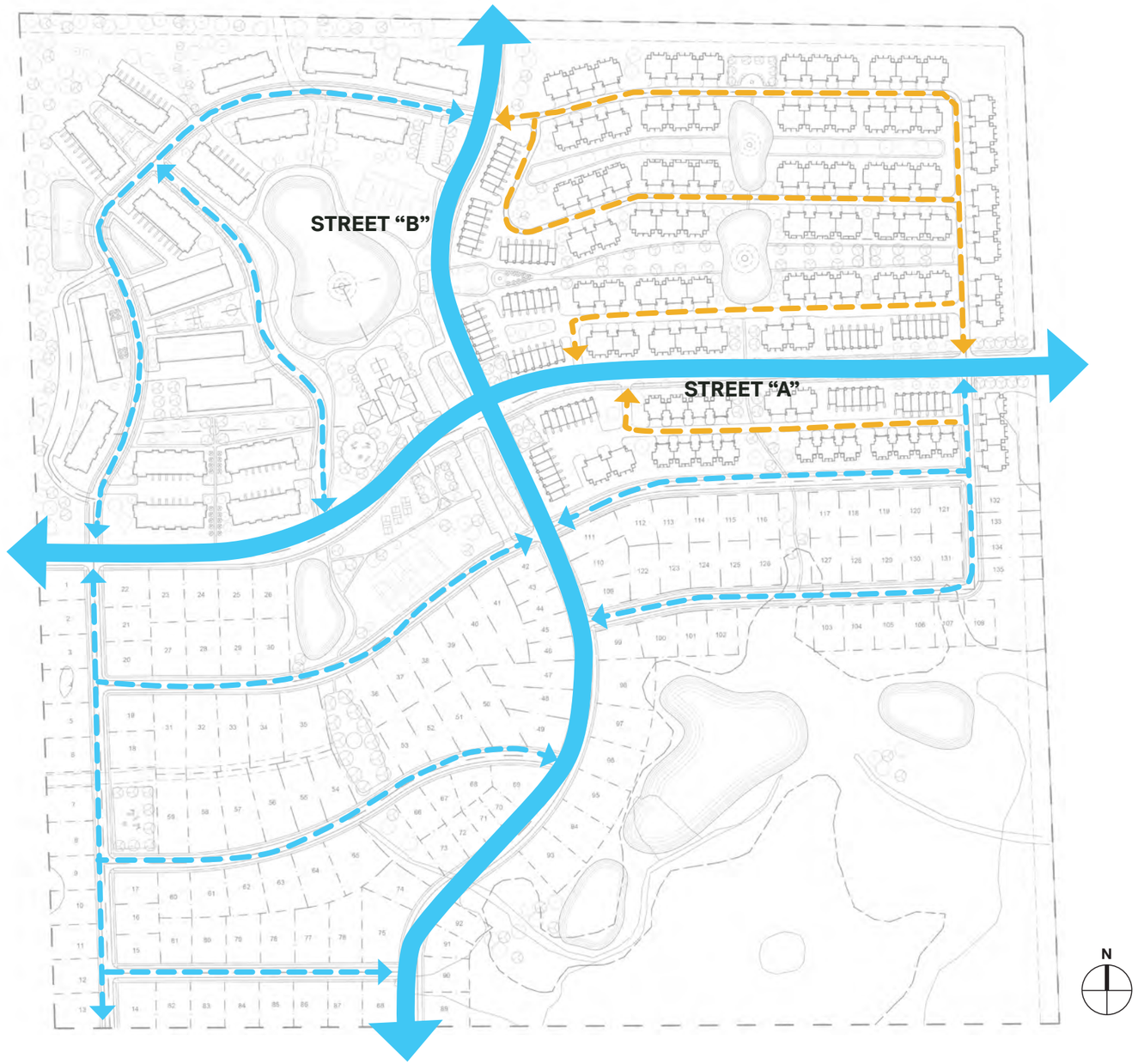
EXISTING SITE AERIAL

EXISTING CONDITIONS

88TH AVENUE LOOKING NORTH

18TH STREET LOOKING WEST

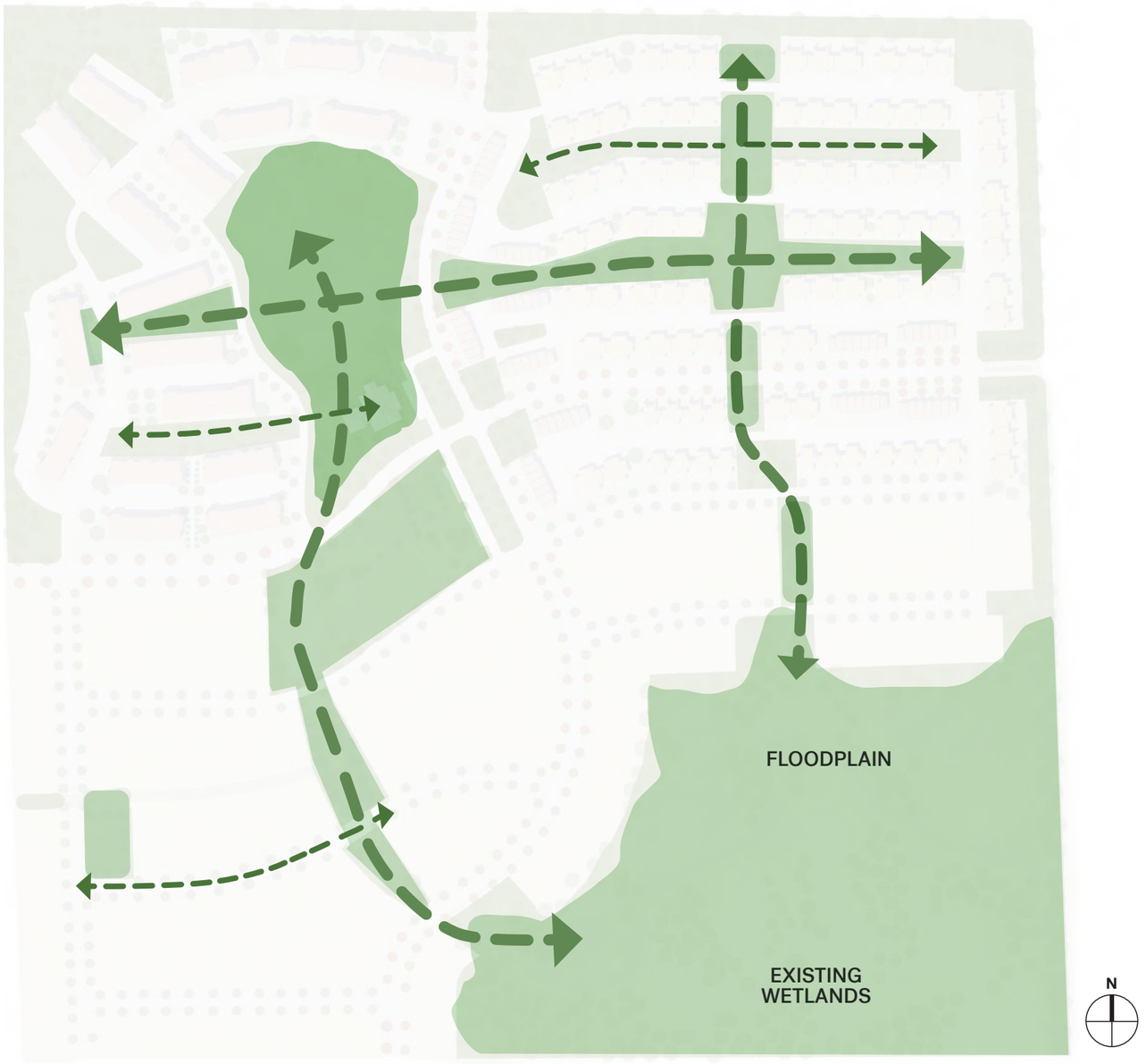
STREET NETWORK



PLAN LEGEND:

- **PRIMARY STREET**
- **SECONDARY STREET**
- **ACCESS DRIVE**

OPEN SPACE NETWORK



MASTER PLAN

SUMMARY:

TOTAL SITE AREA	166.54 ACRES
OPEN SPACE (INCLUDES FLOODPLAIN AND WETLANDS)	65.68 ACRES
SINGLE-FAMILY ATTACHED HOMES	186 UNITS
TOWNHOMES	84 UNITS
GARDEN STYLE APARTMENTS	494 UNITS
SINGLE FAMILY LOTS	135 LOTS
TOTAL	899 DWELLING UNITS
OVERALL PROPOSED DENSITY	8.9 D.U. PER ACRE (EXCLUDING OPEN SPACE)

PROGRAM LEGEND:

1. Two Story Townhomes
2. Single Family Attached
3. Walk-up Apartments
4. Single Family Lots
5. Amenity Clubhouse
6. Retention Pond
7. Flood Plain
8. Pocket Park
9. Playground
10. Garden Courtyard
11. Recreation Field
12. Future Neighborhood Connection

MASTER PLAN AREAS

SUMMARY:

TOTAL SITE AREA	166.54 ACRES
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THE HEART OF THE NEIGHBORHOOD

AMENITY LEGEND:

1. Retention Pond
2. Amenity Clubhouse
3. Recreation Field
4. Playground

N

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LET YOUR SPACES SPEAK.

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