VILLAGE OF WAUNAKEE / TOWN OF WESTPORT
JOINT PLAN COMMISSION
Town of Westport Community Room
5387 Mary Lake Road
March 10, 2020 6:00 PM

Agendas may change prior to the commencement of the meeting.
Please check the posting board at the Village Hall, 500 W. Main Street,
Waunakee, Wisconsin for the current agenda.

AGENDA

CALL TO ORDER

ROLL CALL: Ken Sipsma, Dean Grosskopf, Eileen Bruskewitz, Brad Zeman, Brian Malich, Brian Wallace

MINUTES

1 February 22, 2020

PUBLIC COMMENT ON ITEMS NOT LISTED ON THE AGENDA

NEW BUSINESS

1 Public Hearing and Discussion/Action, Rezone (County R-1 to Village R-1) to Adjust Rear Setback for Addition, Budeau, 6091 Imperial Dr., Town of Westport

2 Discuss and Take Action on Certified Survey Map, Napralla, 5531 Sunset Trail, Town of Westport

3 Public Hearing and Discussion/Action for Certified Survey Map, Rezone, Site Plan and Conditional Use Permit for Kwik Trip LLC to Construct a Convenience Store with Fueling Canopy at CTH Q Across from Peaceful Valley Parkway

ADJOURN

Any person who has a qualifying disability as defined by the Americans with Disabilities Act that requires the meeting or materials at the meeting to be in an accessible location or format should contact the municipal clerk at (608) 850-8500, 500 West Main Street, Waunakee, Wisconsin, at least twenty-four hours prior to the commencement of the meeting so that any necessary arrangements can be made to accommodate each request.

Notice is hereby given that the Village or Town Board or Village or Town Plan Commission may attend this meeting. No action will be taken by the Village or Town Board or Village or Town Plan Commission at this meeting.

Next scheduled meeting is 4/14/2020 6:00:00 PM.

VILLAGE OF WAUNAKEE/TOWN OF WESTPORT
JOINT PLAN COMMISSION MEETING
Town of Westport Community Room
5387 Mary Lake Road, Town of Westport
February 11, 2020 6:00 PM

Meeting Minutes

CALL TO ORDER
The meeting was called to order at 6:00 p.m.

ROLL CALL:
Present: Ken Sipsma, Dean Grosskopf, Eileen Bruskewitz, Brad Zeman, Brian Malich, Brian Wallace
Absent: None
Also Present: Tom Wilson, Kevin Even, Tracy Meinholz, Bryan Kleinmaier, Margaret Blum, Jeff Kraemer, Dustin Dresen, Dan O'Callighan, Jim Budeau, Gary Napralla.

MINUTES

1 December 10, 2019
Motion Grosskopf, second by Zeman, to approve the minutes from the December 10, 2019 Joint Plan Commission meeting as presented. Motion carried.

PUBLIC COMMENT ON ITEMS NOT ON THE AGENDA: None

NEW BUSINESS

Motion made by Grosskopf, second by Zeman, to reorder the agenda to move item number one to the bottom. Motion carried.

1 Discuss and Take Action on a Request for Site Plan Approval, Kraemer Development LLC, Mixed-Use Commercial, Lot 2 Woodland Crest Development
The applicant gave the commission members a brief presentation. Mr. Even went over the recommended motion from the Village Plan Commission from the previous evening, adding two more conditions: 1) fully shielded cut-off lighting on the building; 2) Stormwater runoff may not be altered or directed towards the existing residences on CTH Q. The JPC members agreed. Motion Wallace, second Zeman, to approve the SIP with the following conditions:

1. Shift the parking lot north 3.5 feet as noted by Jason

2. Future access to Outlot 1 will need to be discussed with FDG when a plan for Outlot 1 comes before the Village. No development on Outlot 1 until access is provided to the two single family homes.

3. Require transparent glass for corner of CTH Q and Sarah Lane

4. The parking count is fine for Phase 1, but applicant will need to demonstrate that it meets the demands for future phases and must install one additional ADA spot for Phase 1

5. Applicant must provide and easement through Lot 2 as noted and will be required to be extended to the existing single family lots when Outlot 1 is developed. Lot 2 will have a utility easement crossing the property as indicated on plans from FDG to accommodate water and sewer service to the residential lots.

6. Applicant to work with Waunakee Utilities on landscaping in easement area. Any work or objects located in the easement must have all the Utility approvals.

7. Strand to verify turning movements for dumpster location

8. Shielding of the rooftop mechanicals is a condition of approval

9. No occupancy will be issued until the sewer and water connection is completed

10. Property owner must install additional landscaping to offset the lower percentage of impervious area

11. Plan Commission concurs with Engineer's determination that the impervious area/lot coverage issue is a minor modification per Section 9 of the GDP

12. Engineer to draft statement to justify overall impervious determination

13. All other staff comments modified to the satisfaction of the Village Engineer, including fully shielded and cut-off lighting fixtures on the building.

14. Applicant to show that stormwater runoff will not alter or be directed towards the existing residences on CTH Q.

Motion carried unanimously.

2 Initial Consultation, Rezone (County R-1 to Village R-1) to Adjust Rear Setback for Addition, Budeau, 6091 Imperial Drive, Town of Westport
Mr. Wilson informed the JPC members of the discussion at the Town plan commission. The Town had no objections and felt this was a reasonable request. The JPC had no objections as well. No action necessary. Applicant was directed to work with the Village and Town staff to make a formal submittal.

3 Initial Consultation, Land Division and Rezone, Napralla, 5531 Sunset Trail, Town of Westport
Mr. Wilson reported that the Town plan commission had no concerns with the proposed lot division. Staff felt that the rezone would not be necessary. The property would still be required to adhere to the current zoning setbacks and restrictions in keeping with the neighboring properties. No action necessary. The applicant was directed to make a formal submittal to Village and Town staff.

ADJOURN
Motion Grosskopf, second Bruskewitz, to adjourn the meeting at 6:27 p.m. Motion carried.

Respectfully Submitted:
Tracy Meinholz, Joint Plan Commission Secretary

WAUNAKEE/WESTPORT JOINT PLAN COMMISSION SUMMARY SHEET

MEETING DATE: 03/10/2020

ITEM: NEW BUSINESS

TITLE: Public Hearing and Discussion/Action for Certified Survey Map, Rezone, Site Plan and Conditional Use Permit for Kwik Trip LLC to Construct a Convenience Store with Fueling Canopy at CTH Q Across from Peaceful Valley Parkway

ISSUE SUMMARY: Rezone of the one parcel for a specific use - Convenience Store with Fueling Canopy and car wash. The rezoning of the property will be specific for the proposed use and will be restricted to this proposed use only.

STAFF RECOMMENDATION: Conditionally approve:

Highlights of conditions:

1. Circulation – Reconfigure the driveway locations
2. Stormwater improvements outlined by Strand
3. Utility plan reconfigured and approved by Waunakee Utilities
4. Add railing top of retaining wall
5. Add pedestrian pathways as outlined by MSA
6. Building canopy to match other approval
7. Reduce signage as outlined by MSA
8. Exterior lighting be no greater than downtown store
9. Architectural changes requested by Graef
10. Street name changes requested by Fire Department

RECOMMENDED MOTIONS:

Motion to recommend to the Village Board, approval of the CSM and Rezone of the lot to be purchased by Kwik Trip from A-1 Agricultural / Holding District to the C-1 General Commercial District, with a deed restriction to be recorded on the lot subject to final review and approval by the Village Engineer and incorporation of all Village Staff comments.

Motion to approve the site plan and conditional use permit subject to final review and approval by the Village Engineer incorporating all Village Staff comments and conditioned upon approval of the CSM and rezone by the Village Board.

ATTACHMENT(S): Application, Staff Comments, CUP Drafted by Village Attorney

CONDITIONAL USE PERMIT

Pursuant to Chapter 133, Article 5, and Section 133-525 of the Village of Waunakee Zoning Code, the Village of Waunakee / Town of Westport Joint Plan Commission (the "Joint Plan Commission") hereby issues the conditional use permit, as set forth herein, to the Applicant, Kwik Trip, Inc., for the property at 5805 County Highway Q, Waunakee, WI (the "Property").

Recitals

A. The Applicant, which owns or has a right to acquire the Property, plans to construct and operate a convenience store, fueling stations, and car washes on the Property.

B. The Applicant has submitted an application for a conditional use permit to the Joint Plan Commission to allow the Applicant to construct and operate a convenience store, fueling stations, and car washes on the Property, all of which are conditional uses in the C-1 General Commercial District pursuant to Section 133-525.

C. The Joint Plan Commission held a public hearing on the Applicant's conditional use permit application on March 9, 2020, which public hearing was properly noticed.

Issuance of Conditional Use Permit with Conditions

1. The Joint Plan Commission finds that the standards set forth in Section 133-936 of the Village of Waunakee Zoning Code are satisfied by granting the Applicant a conditional use permit to allow the Applicant to construct and operate a convenience store on the Property, including car washes, fueling stations for gasoline, diesel, ethanol or alternative fuels, and outdoor display and sale of merchandise approved by the Village Engineer.

2. The Joint Plan Commission finds that the following condition shall apply to the conditional use permit granted herein:

    a. The Applicant shall construct and operate the convenience store on the Property, including car washes, fueling stations for gasoline, diesel, ethanol or alternative fuels, and outdoor display and sale of merchandise approved by the Village Engineer, pursuant to the site plan approved by the Joint Plan Commission.

3. The Joint Plan Commission reserves the right to revoke this conditional use permit if the Applicant fails to satisfy any of the conditions identified in Section 2 and maintains all of its powers and authority over the conditional use permit as set forth in the Village Zoning Code.

The Conditional Use Permit set forth herein was issued by the Village of Waunakee / Town of Westport Joint Plan Commission on March 10, 2020.

APPROVED:

_____
Ken Sipsma, Joint Plan Commission Chair

_____
Tracy Meinholz, Joint Plan Commission Clerk

Tracy Meinholz

From: Shubak, Mark <Mark.Shubak@strand.com>
Sent: February 26, 2020 12:30 PM
To: Kevin Even
Cc: Straus, Kent; Tracy Meinholz
Subject: RE: Meeting Reminder

Hi Kevin,

We've done an initial review of the Kwik Trip site plan and here is a brief summary of our comments:

Roadway/Circulation

- The two driveways on Winn Drive are very close and could cause confusion as to which driveway is going to be used. One of the Winn Drive driveways should be removed and replaced with one on Tullamore Street. Furthermore, the westerly driveway appears to be too close to the intersection of Tullamore St. and Winn Drive. The location of the remaining driveway off Winn Drive should be coordinated to align with the proposed driveway on the south side of Winn Drive shown on the Kilkenny West - Phase I plans for Winn Drive.
- The driveways should be constructed with traditional aprons and sidewalks, similar to the current Kwik Trip in downtown. The present design is not appropriate for an urban location with pedestrians and sidewalks.

Stormwater/Grading

- The stormwater report indicates that 67.7% of the predeveloped stay-on infiltration depth will be provided to meet a 60% requirement. Dane County stormwater code requires that a 90% predeveloped stay-on depth.
- 3:1 side slopes are indicated for the detention basins and the slopes along the north side of the site. 4:1 maximum side slopes should be maintained.
- Given that the overland flood route near Inlet-1 and Inlet-4 are not directed to the detention basins, the storm sewers will need to be sized to handle a 100-year storm event. In lieu of this, the site would need to be regraded to direct the overland flood routes to the detention basins.
- The pond outlet control structure detail on Sheet SP 3.1 indicates the downstream storm sewer is 18-inch pipe, while the storm sewer plan (Sheet SP 3.0) indicates 12-inch diameter pipe.
- It is suggested that roof drainage from the site be piped directly to the infiltration basin.
- The emergency spillway from the infiltration basin and between the wet basin and infiltration basin should be stabilized with permanent turf reinforcement mat (TRM).

Utility Plan

- The routing of the sewer and water service laterals does not seem efficient. It is suggested that the water service be extended off the existing water main along the west side of CTH Q or to extend off the water main from Winn Drive further to the east such that the service may run along the east side of the building. Note that the current alignment of the water service appears to be ~10' from the proposed gas tanks. WDNR requires that a 25' setback from gas tanks be maintained. Also is recommended that an alternative route for the sanitary service be considered that avoids multiple bends and a direct connection to the sanitary manhole located at the intersection of Winn Drive and Tullamore St.

Miscellaneous Site

- Railing should be placed along the top of the proposed retaining wall.

- Sidewalk should be extended from the patio area to the sidewalk along Winn Drive.
- Stop signs should be added for each proposed driveway.

CSM

- Terry Genske here reviewed the updated CSM and his previous review comments have all been adequately addressed. No further comments.

We will be developing a formal review letter to be sent out by Monday.

As far as the other two agenda items, the Trending Now site plan resubmittal and Landline site CUP will likely not require further input from us.

I am planning on attending this afternoon's Tech Staff meeting. However, if you think that my presence is not needed, please let me know. Thanks Kevin!

-Mark

Mark Shubak, P.E., CFM | Senior Associate
Strand Associates, Inc.®
608.251.2129 ext.1138
mark.shubak@strand.com | www.strand.com
P.E. (IA, IL, OH, TX, WI)

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From: Straus, Kent <Kent.Straus@strand.com>
Sent: Wednesday, February 26, 2020 8:32 AM
To: Shubak, Mark <Mark.Shubak@strand.com>
Subject: Fwd: Meeting Reminder

Mark not sure what was in the packet or if your attendance is needed?

Get Outlook for iOS

From: Tracy Meinholz <tmeinholz@waunakee.com>
Sent: Wednesday, February 26, 2020 7:11:39 AM
To: Bill Frederick <bfrederick@waunakee.com>; Brian Adler (waunakeefire@tds.net) <waunakeefire@tds.net>; Bryan Kleinmaier (bkleinmaier@staffordlaw.com) <bkleinmaier@staffordlaw.com>; Caitlin Stene <cstene@waunakee.com>; Chris Zellner <czellner@waunakee.com>; Clint Cry (ccry@wppienergy.org) <ccry@wppienergy.org>; Curt Sauser-MMSD <curts@madsewer.org>; Dave Dresen (ddresen@waunakeeutilities.com) <ddresen@waunakeeutilities.com>; Dave Kopp <dkopp@meffertoil.com>; 'Guttenberg, Randy' <rguttenberg@waunakee.k12.wi.us>; Jason Valerius (jvalerius@msa-ps.com) <jvalerius@msa-ps.com>; Jim Madden <jmadden@waunakee.com>; Straus, Kent <Kent.Straus@strand.com>; Kevin Even <kevin@waunakee.com>; Kevin Plendl <kplendl@waunakeepd.org>; Randy Dorn <rdorn@wppienergy.org>; Rick Moran <rmoran@waunakee.com>; Scott Russell (srussell@waems.net) <srussell@waems.net>; Sue Mcdade <smcdade@waunakee.com>; Tim Herlitzka <therlitzka@wppienergy.org>; Todd Schmidt <tschmidt@waunakee.com>
Subject: Meeting Reminder

To All:

Just a quick reminder that Tech Staff is today at 2:00 p.m.

See you then.

Tracy Meinholz
Engineering Office Manager
Village of Waunakee
500 W. Main Street
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Waunakee, WI 53597
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(608) 849-5628
www.waunakee.com
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WAUNAKEE UTILITIES

To: Kevin Even
Tracy Meinholz
From: Randy Dorn
Dave Dresen
Tim Herlitzka
RE: Kwik Trip Submittal
Date: March 2, 2020

This memo provides comments for the Kwik Trip – Kilkenny Farms West submittal.

- The applicant is prohibited from placing any signs or other permanent structures in easement areas.

Comments for the Developer of the Area

We have concerns about the current plan to extend water to the site. The latest plans we've seen show water being extended to the site coming south, along the west side of Highway Q, from an area where water has been extended from the future Sarah Lane.

The proposed water main will be located near underground electric lines and constructed in an area where future grading could cause it to be buried deeper than we would prefer. Also, future maintenance on this main could pose safety concerns for our staff having to work in the road right-of-way.

We would prefer a route that would extend the Sarah Lane water main to the west to the future extension of South Holiday Drive (currently labeled as Tullamore Street), then south to the Kwik Trip site.

We have met with the engineer for the developer and he is aware of these concerns.

Also, we understand the funeral home receives water from a well. We suggest the funeral home be approached about the opportunity to connect to the municipal water supply that will now be extended near the property. A sanitary sewer main borders the funeral home. A connection to the sanitary sewer would likely require fees to be paid to MMSD.

322 Moravian Valley Road, PO Box 70, Waunakee, WI 53597
(608) 849-8111, Fax (608) 849-4109, www.waunakeeutilities.com

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MSA Memo

To: Village of Waunakee Plan Commission

From: Jason Valerius, AICP

Subject: Kilkenny West CSM, Rezone, Site Plan Review for Kwik Trip Site

Date: March 2, 2020

Request

Applicant (Kilkenny Farms West, LLC) is requesting approval of a Certified Survey Map (CSM), rezone from A1 to commercial zoning, conditional use permit, and site plan, for 2.483 acres at the northwest corner of Highway Q and Peaceful Valley Parkway. The CSM also includes 1.573 acres of new right-of-way for the extension of Peaceful Valley Parkway and a new street parallel to Highway Q.

Background Information

This site is part of a larger area for which development is planned and the Urban Service Area (USA) amendment has already been approved. The USA amendment approved by the Capitol Area Regional Plan Commission (CARPC) included a neighborhood plan that roughly corresponds to the Village/Town Future Land Use Map. The commercial/mixed use portion of that area was approved by the Village and Joint Planning commission for a planned unit development (PUD zoning) in 2019, though that approval was contingent on a developers agreement that was not completed before the Festival Foods proposal died. The PUD zoning for this site would have allowed for a "convenience grocery store" of up to 11,000 SF with other approved uses in that building to include a drive-up window, car wash, fueling station, and outdoor sales and merchandise display. It would have allowed for setbacks of 10 feet on all sides.

Applicable Zoning & Development Code Regulations

The proposed zoning is subject to the zoning ordinance, specifically the policies of the C-2 (or C-1) district(s). The proposed CSM is subject to the subdivision ordinance.

Consistency with the Village Comprehensive Plan

The Comprehensive Plan (excerpt of the Future Land Use Map at right) identifies this site as appropriate for commercial use (in red).

Analysis and Recommendations

Zoning

Commercial zoning is consistent with the Comprehensive Plan. The C-2 district has required setbacks of 25 feet in front (50 feet if there is front yard parking), and 20 feet for side and rear yards. The C-2 district also requires that fuel-related equipment and storage must be at least 30 feet from the public right-of-way.

An alternative approach is to zone this parcel C-1. In C-1, gas stations, convenience stores and car washes are all conditional uses. The C-1 setbacks are 15 feet in the front yard, 25 feet in the rear yard, and 9 feet in the side yards.

The proposed site plan indicates deep setbacks, including about 94 feet from Peaceful Valley Parkway and over 100' from Hwy Q.

- *I recommend that the Village* can *approve either C-2 or C-1 zoning. I note that a conditional use permit will be required in either district before a zoning permit can be issued for the site.*

Land Division

The proposed site meets the size and width requirements of C-1 and C-2 zoning.

The CSM proposes new street names for the extensions of Peaceful Valley Parkway (Winn Drive) and S. Holiday Drive (Tullamore Street).

- *I recommend the use of existing street names to avoid confusion, and I otherwise defer to the review and recommendations by Strand Associates.*

Site Plan, Building Design, Signage, Lighting

Pedestrian Pathways

- *Add a sidewalk or multiuse path along the Hwy Q frontage, as required by Sec. 129-150*
- *Extend an internal sidewalk from the building to Peaceful Valley Parkway*
- *Instead of a single curb ramp at the corner of Peaceful Valley Parkway and S. Holiday Drive, provide two – one to the south and one to the west (the single "type one" ramp is allowable under ADA, but the "type two" dual ramps is preferred for pedestrian visibility and safety).*

Vehicle Circulation

- *Relocate the west driveway entrance. It is too close to the corner.*

Building and Canopy Design

- *Match the quality and character of the Kwik Trip proposed at Water Wheel Drive, including the addition of stone cladding on the building and the higher quality design for the gas canopy and supports* (see Graef comments).

Signage

The building has a total of 105 SF of signage. The fuel canopy has 72 SF of signage. The limit on building signage is 150 SF, and the canopy signage is included in that limit.

- *Reduce or eliminate the canopy signage to meet the 150 SF limit.*

- *The monument sign along Hwy Q is inconsistent with recent precedent in the Hwy Q corridor. It should be moved further back along Peaceful Valley Parkway, closer to the driveway entrance to the site.*

Exterior Lighting

- *Reduce lighting levels under the canopy to be no greater than those in use for existing gas canopies in the Village.*

Parking

The building is 9,208 SF (gross); based on an assumption of 80% of that as customer sales space (7,366 SF), the site requires 37 parking stalls (1 per 200 SF). The site plan indicates 26 parking spaces, plus 2 ADA stalls, plus 20 spaces next to fuel pumps. The unmarked spaces under the canopy are adequate to make up for the deficit in marked spaces.

Landscaping

I did not complete a detailed inventory of plantings, but the number, type and location of proposed plantings appear to exceed the requirements of the ordinance.

Sincerely,
MSA Professional Services, Inc.

Jason Valerius, AICP
Planner

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Madison, WI 53703-3130
608 / 242 1550
608 / 242-0787 fax
www.graef-usa.com

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MEMORANDUM

TO: Keven Even

FROM: Alex Thill (EJF)

DATE: 02.25.2020

SUBJECT: Kwik Trip – Kilkenny Farms West
Peaceful Valley Parkway & County Q
Waunakee, Wisconsin

Architectural Submittal for Review

Approval Request:

The applicant is requesting the review and approval of architectural review for the proposed Kwik Trip at the NW corner of County Q and Peaceful Valley Parkway. The property referred to includes fuel dispensing, a convenience store, and car wash. The extent of this review is only to discuss the proposed architectural design updates and material selection of the proposed development.

General Comments and Recommendations:

1. Architectural Review

   Please review attached Kwik Trip – Kilkenny Farms West document comments as well as previously submitted Kwik Trip #1059 architectural drawings. To maintain continuity within the district and elevate the architectural appearance of new development, the staff recommends revising the Kwik Trip – Kilkenny Farms West submittal to reflect the architectural elements of Kwik Trip #1059. This includes, but is not limited to, the addition of natural stone veneers at piers and the building base, widened masonry columns at fuel pumps, and a canopy hip roof reflecting the convenience store architecture.

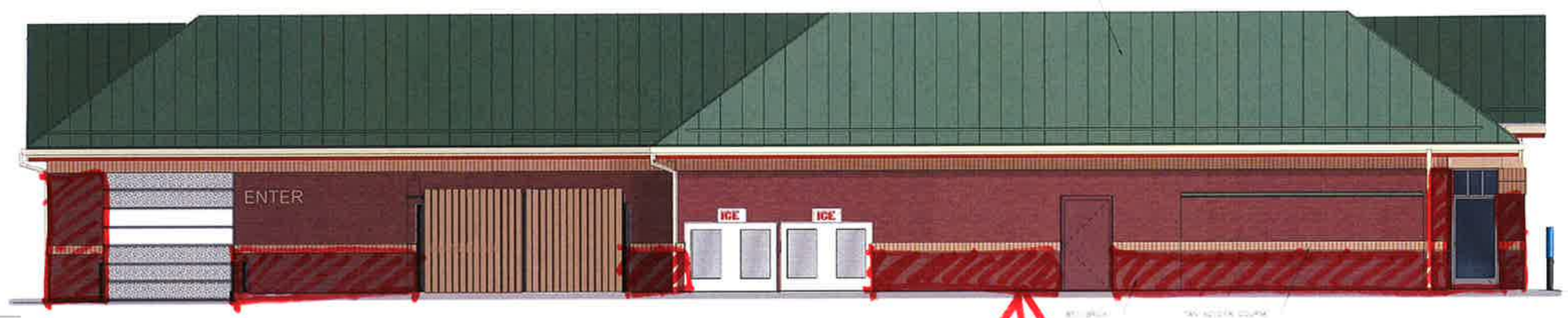
2. Please review red line comments for areas of improvement as indicated on attached drawings from Kwik Trip – Kilkenny Farms West submittal as well as the Kwik Trip #1059 submittal.

End of Memo

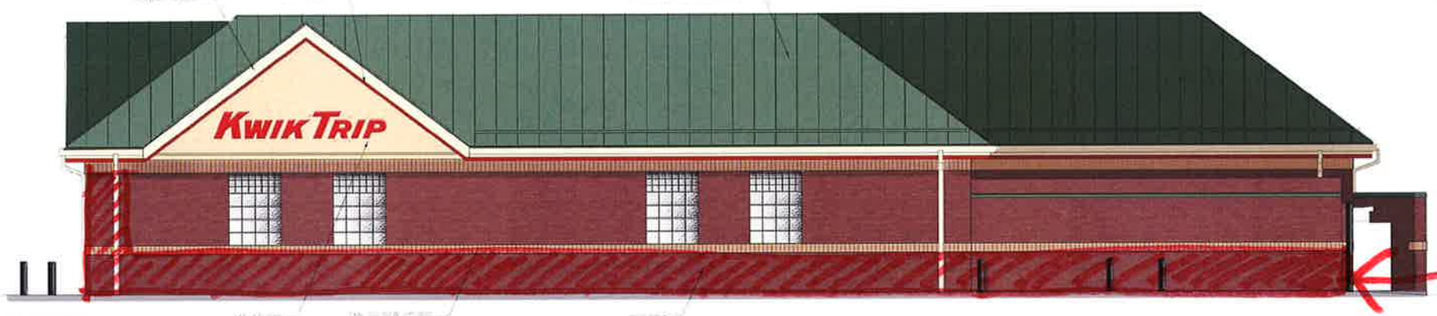
cc: Tracy Meinholz

Project ID: 20195015

1 FRONT ELEVATION
1/4" = 1'-0"



2 LEFT ELEVATION
3/16" = 1'-0"



3 REAR ELEVATION
3/16" = 1'-0"

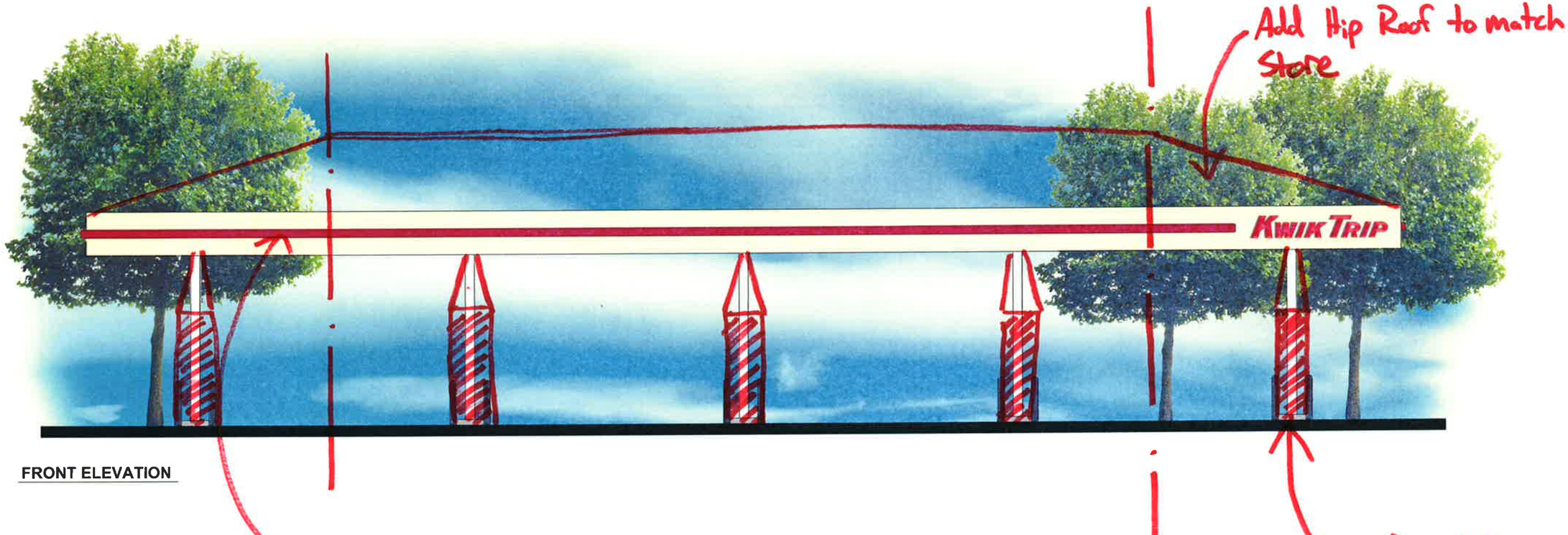
See treatments from KT #1059

4 RIGHT ELEVATION
3/16" = 1'-0"

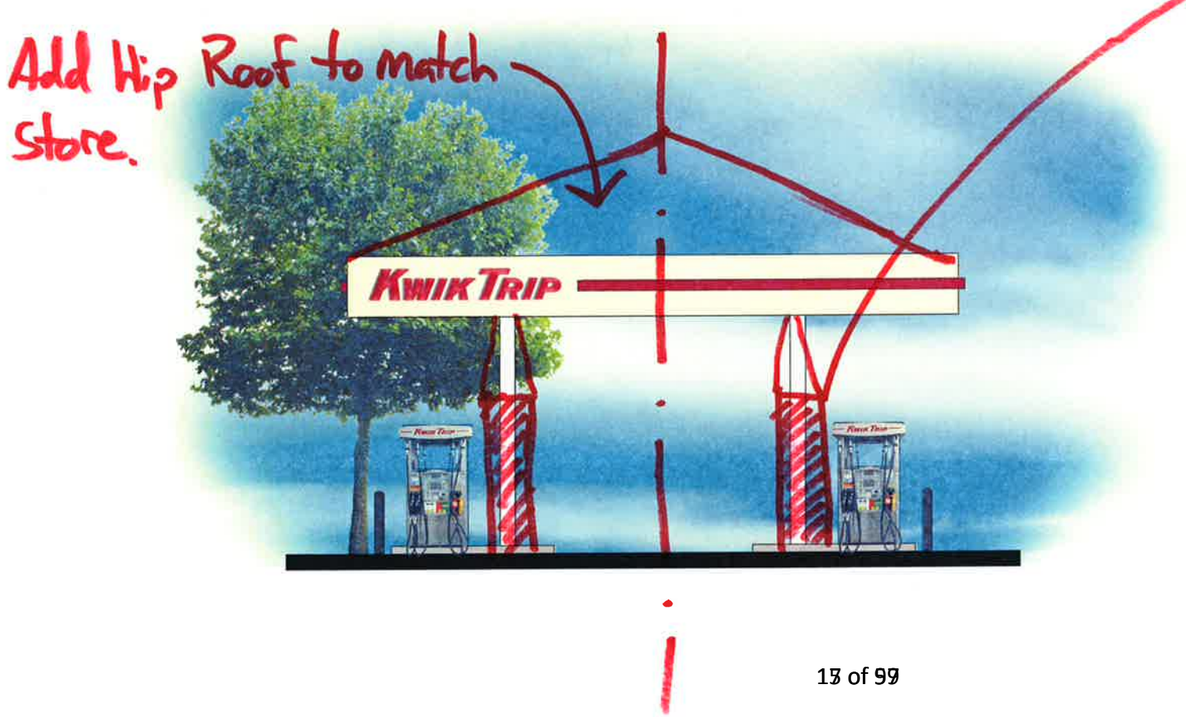
VANTAGE ARCHITECTS INC
750 N. Third Street ▼ La Crosse, WI 54601
Ph (608) 784-2729 Fax (608) 784-2826

KWIK TRIP
KWIK STAR

KWIK TRIP, Inc
P.O. BOX 2107
1626 OAK STREET
LA CROSSE, WI 54602-2107
PH (608) 781-8988
FAX (608) 781-8960



1 FRONT ELEVATION



2 SIDE ELEVATION

KWIK TRIP

KWIK STAR

KWIK TRIP, Inc.
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1626 OAK STREET
LA CROSSE, WI 54602-2107
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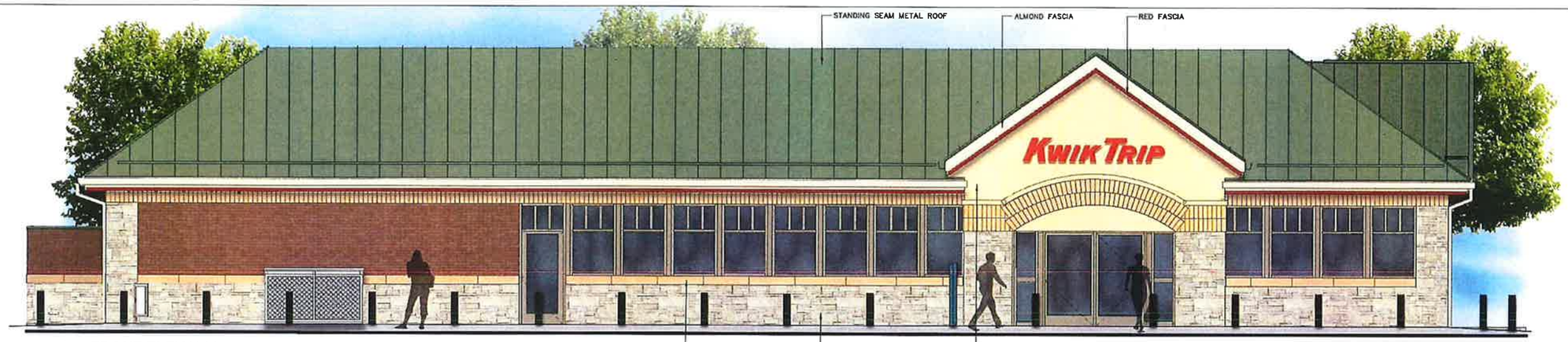
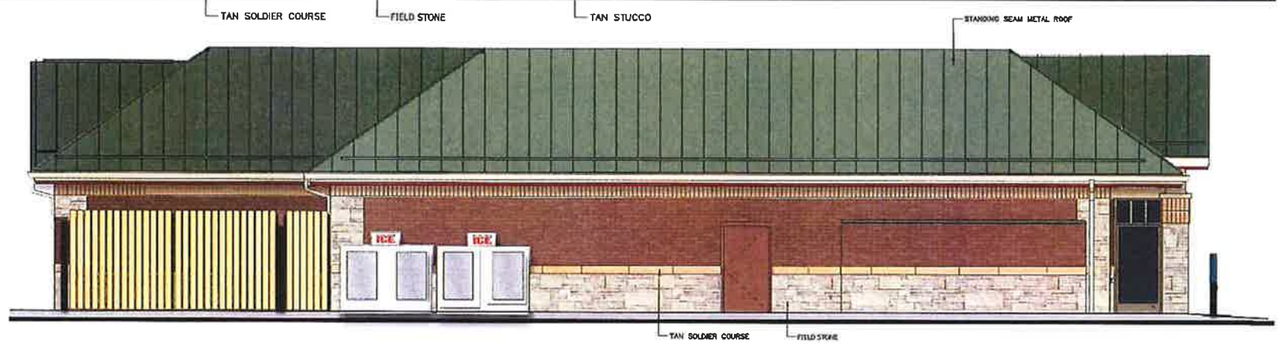
FAX (608) 781-8960

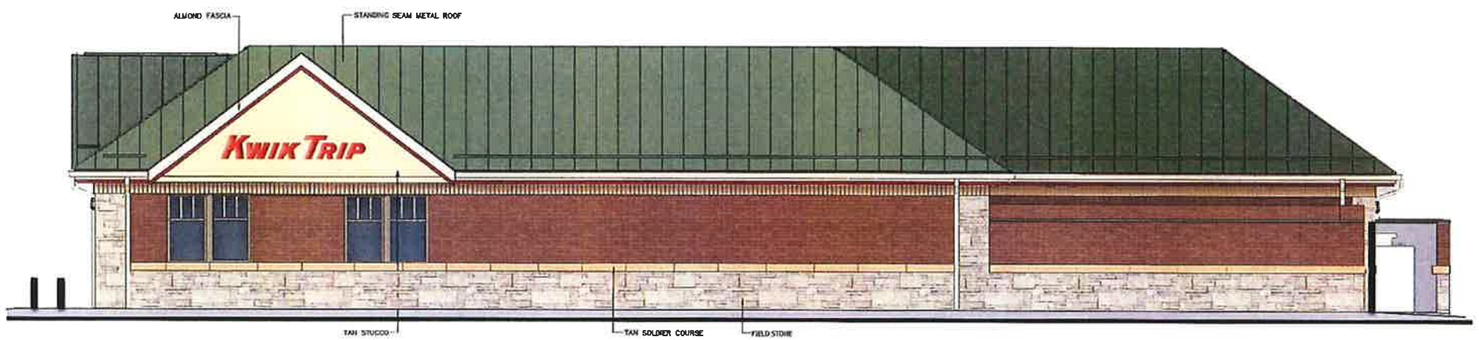
10 MPD



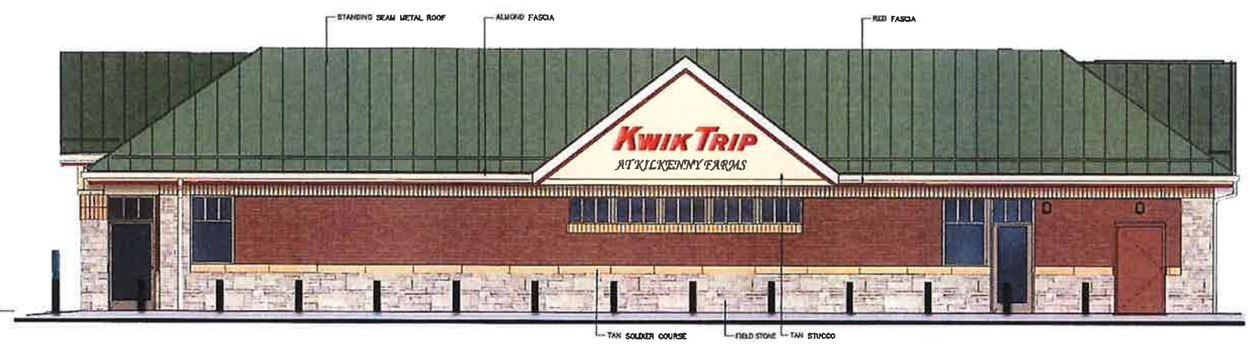
1 FRONT ELEVATION
1/4" = 1'-0"



2 LEFT ELEVATION
3/16" = 1'-0"



3 REAR ELEVATION
3/16" = 1'-0"

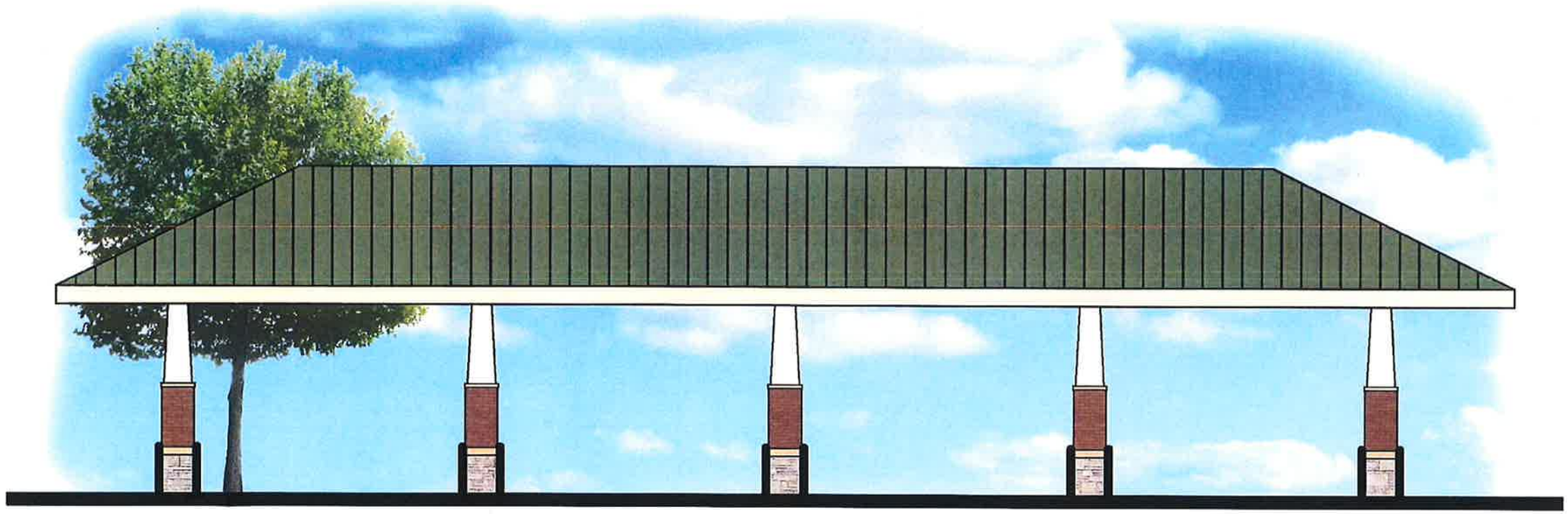


4 RIGHT ELEVATION
3/16" = 1'-0"

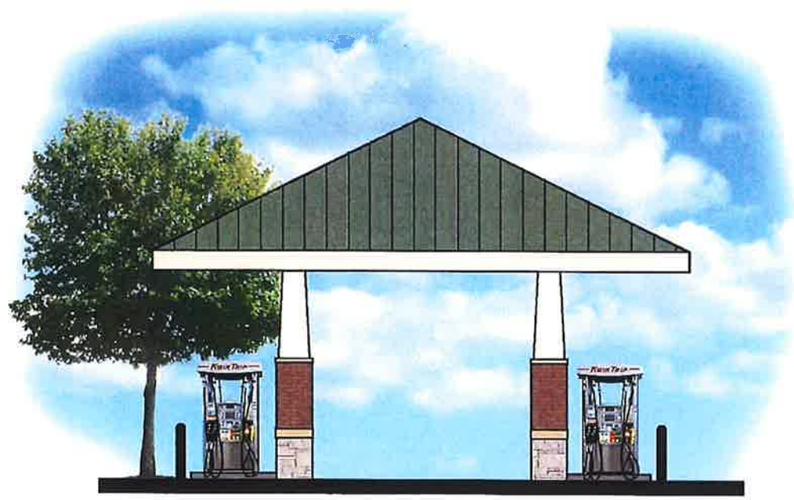
VANTAGE ARCHITECTS INC
750 N. Third Street La Crosse, WI 54601
Ph (608) 784-2729 Fax (608) 784-2626

KWIK TRIP, Inc
P.O. BOX 2107
1626 OAK STREET
LA CROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8980

Kwik Trip #1059: For reference of Kwik Trip - Kilkenny West submittal



1 FRONT ELEVATION



2 SIDE ELEVATION

KWIK TRIP

KWIK STAR

KWIK TRIP, Inc.
P.O. BOX 2107
1626 OAK STREET
LA CROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8960

10 MPD
METAL HIP ROOF
9' BRICK

Kwik Trip #1059: For reference of
Kwik Trip-Kilkenny
West submittal

Tracy Meinholz

From: Brian Adler <waunakeefire@tds.net>
Sent: February 27, 2020 7:45 AM
To: Tracy Meinholz
Subject: Comments from the 2/26/20 Tech Staff Meeting

Tracy,

While reviewing the Kwik Trip for Kilkenny Farms West development, we noticed that the street names had been changed since we reviewed the Festival Foods proposal. We believe that it was agreed that the Peaceful Valley Parkway would continue on the west side of Century Avenue and it would become Holiday Drive when it curves to the north and meets up with the existing Holiday Drive. Kwik Trip's site plan has these roads named as Winn Drive & Tullimore Street. This is very confusing for the emergency services and would prefer the streets share the same name as the streets they meet up with.

Thanks!

Brian

KWIK TRIP INC.

Store Engineering

FAX 608-793-6237

1626 Oak St., P.O. Box 2107
La Crosse, WI 54602

www.kwiktrip.com

Village of Waunakee
Tracy Meinholz
500 W. Main St
Waunakee, WI 53597

Site Plan Review Submittal

February 12, 2020

Ms. Meinholz,

This letter is intended to accompany our submittal for our application to the Village of Waunakee for the requested Site Plan Review Submittal for our proposed project located at the NW Corner of CTH Q & Winn Drive.

Kwik Trip, Inc. is proposing the construction of a 9,208 S.F. convenience store w/ attached 1-Bay Carwash and an attached dumpster enclosure and separate Fueling Canopy. I have submitted this digitally only per your request. If there are hard copies needed please let me know. The checks were mailed previously per the fee schedule.

The proposed method of operation for this development will be consistent with that for our existing convenience stores within the area. The requested hours of operation will be 24 hours for all uses. The type of products that will be sold will be similar to that of our existing stores: gasoline, in line diesel, E-85, groceries, bakery and dairy, hot and cold food and beverages, tobacco products, lotto, convenience store merchandise, ice, and propane. The outside merchandising of products is being requested next to the store (ice and propane) and miscellaneous merchandising under the gas canopy. The proposed store is projected to have between 28-35 full and part time employees, with 2-8 on staff at any given time.

The proposed architectural plan will consist of a brick facade with standing seam metal roof. The building and canopy fascia will tie in with franchise colors. The prototype building is larger than previous years building. We have expanded the retail floor area as well as kitchen and mechanical space all on the main level with no basement. The total estimated project costs is $2,000,000.

Kwik Trip would be happy to provide any additional information or answer any questions or concerns you may have with our submission. Please feel free to call me with any questions.

Sincerely,

Jeff Osgood – Development Manager - Store Engineering - Kwik Trip, Inc.
608-793-5547 - josgood@kwiktrip.com 1626 Oak St | P.O. Box 2107 | La Crosse, WI 54602

OUR MISSION

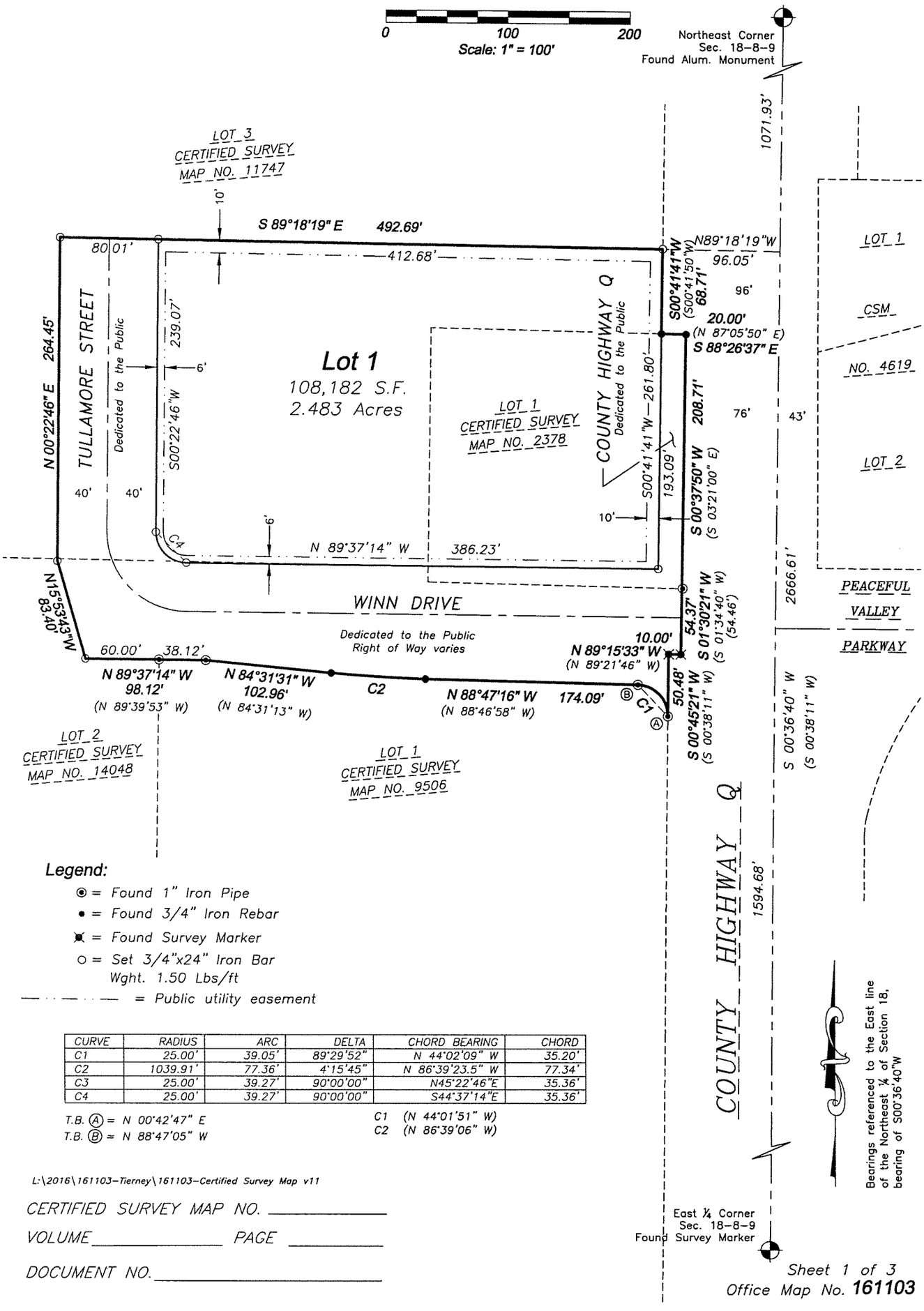
To serve our customers and community more effectively than anyone else by treating our customers, co-workers and suppliers as we, personally, would like to be treated, and to make a difference in someone's life.

BIRRENKOTT SURVEYING
BIRRENKOTT SURVEYING INC.
1677 N. BRISTOL STREET
SUN PRAIRIE, WIS. 53590
608-837-7463

PREPARED FOR:
DON TIERNEY
3564 EGRE ROAD
DEFOREST, WI 53532
608-241-0102

CERTIFIED SURVEY MAP

Lot 1, Certified Survey Map No. 2378, as recorded in Volume 9 of Certified Survey Maps of Dane County on Page 258; part of Lot 3, Certified Survey Map No. 11747, as recorded in Volume 72 of Certified Survey Maps of Dane County on Pages 48-52; and part of Lot 2, Certified Survey Map No. 14048, as recorded in Volume 94 of Certified Survey Maps of Dane County on Pages 122-127; located in the Northeast ¼ of the Northeast ¼ and the Southeast ¼ of the Northeast ¼, Section 18, T8N, R9E, Village of Waunakee, Dane County, Wisconsin



Legend:

- ⊙ = Found 1" Iron Pipe
- • = Found 3/4" Iron Rebar
- ✖ = Found Survey Marker
- ○ = Set 3/4"x24" Iron Bar Wght. 1.50 Lbs/ft
- — · — · — = Public utility easement

CURVE	RADIUS	ARC	DELTA	CHORD BEARING	CHORD
C1	25.00'	39.05'	89°29'52"	N 44°02'09" W	35.20'
C2	1039.91'	77.36'	4°15'45"	N 86°39'23.5" W	77.34'
C3	25.00'	39.27'	90°00'00"	N45°22'46"E	35.36'
C4	25.00'	39.27'	90°00'00"	S44°37'14"E	35.36'

T.B. Ⓐ = N 00°42'47" E
T.B. Ⓑ = N 88°47'05" W

C1 (N 44°01'51" W)
C2 (N 86°39'06" W)

L:\2016\161103-Tierney\161103-Certified Survey Map v11

CERTIFIED SURVEY MAP NO. _____

VOLUME _____ PAGE _____

DOCUMENT NO. _____

Sheet 1 of 3
Office Map No. 161103

CERTIFIED SURVEY MAP

DATED: Februrary 13, 2020

Birrenkott Surveying, Inc.

P.O. Box 237
1677 N. Bristol Street
Sun Prairie, Wisconsin 53590
Phone (608) 837-7463
Fax (608) 837-1081

Owners Certificate:
As owner, Lone Silo North Addition, LLC, does hereby certify that it has caused the lands described on this Certified Survey Map to be surveyed, divided, mapped and dedicated as shown. It also certifies that this Certified Survey Map is required to be submitted to the Village of Waunakee as a required approving authority.

Lone Silo North Addition, LLC

_____
Donald C. Tierney, Member

State of Wisconsin)
Dane County) ss
Personally came before me this _____ day of _____, 2020, the above-named Donald C. Tierney, to me known to be the person who executed the foregoing instrument and acknowledged the same.

_____ My Commission Expires _____
Notary Public, Dane County, Wisconsin.

Mortgagee Certificate:

First Business Bank, mortgagee of certain of the lands described hereon, does hereby consent to the surveying, dividing, mapping and dedicating of the land described on this Certified Survey Map, and does hereby consent to the certificate of Kilkenny Farms, LLC, owner.

First Business Bank

_____
Brian E. Hagen, Senior Vice President

State of Wisconsin)
Dane County) ss
Personally came before me this _____ day of _____, 2020, the above-named Brian E. Hagen, to me known to be the person who executed the foregoing instrument and acknowledged the same.

_____ My Commission Expires _____
Notary Public, Dane County, Wisconsin.

Surveyed For:
Donald and Joanne Tierney
3564 Egre Road
DeForest, Wis. 53532
837-0102

Surveyed: C.K.C.
Drawn: M.A.P.
Checked: M.A.P./D.V.B.
Approved: D.V.B.
Field book:
Tape/File: J:\2011\Carlson\110118

Sheet 2 of 3
Office Map No.: 161103

Document No. _____

Certified Survey Map No. _____, Volume _____, Page _____

CERTIFIED SURVEY MAP

DATED: February 13, 2020

Birrenkott Surveying, Inc.

P.O. Box 237
1677 N. Bristol Street
Sun Prairie, Wisconsin 53590
Phone (608) 837-7463
Fax (608) 837-1081

Surveyor's Certificate:
I, Daniel V. Birrenkott, herby certify that this survey is in full compliance with Chapter 236.34 of Wisconsin Statutes. I also certify that by the direction of the owners listed hereon, I have surveyed and mapped the lands described hereon and that the map is a correct representation of all the exterior boundaries of the land surveyed and the division of that land, in accordance with the information provided.

_____
Daniel V. Birrenkott, Professional Land Surveyor No. S-1531

Description:
Lot 1, Certified Survey Map No. 2378, as recorded in Volume 9 of Certified Survey Maps of Dane County on Page 258; part of Lot 3, Certified Survey Map No. 11747, as recorded in Volume 72 of Certified Survey Maps of Dane County on Pages 48-52; and part of Lot 2, Certified Survey Map No. 14048, as recorded in Volume 94 of Certified Survey Maps of Dane County on Pages 122-127; located in the Northeast ¼ of the Northeast ¼ and the Southeast ¼ of the Northeast ¼, Section 18, T8N, R9E, Village of Waunakee, Dane County, Wisconsin, described as follows:
Commencing at the Northeast corner of said Section 18; thence S00°36'40"W (recorded as S00°38'11"W), 1071.93 feet along the East line of said Northeast ¼; thence N89°18'19"W, 96.05 feet to the West right-of-way line of County Highway Q and the point of beginning; thence S00°41'41"W (recorded as S00°41'50"W), 68.71 feet along said right-of-way line; thence continuing along said right-of-way line S88°26'37"E (recorded as N87°05'50"E), 20.00 feet; thence continuing along said right-of-way line S00°37'50"W (recorded as S00°21'00"E), 208.71 feet; thence continuing along said right-of-way line S01°30'21"W, 54.37 feet (recorded as S01°34'40"W, 54.46 feet); thence continuing along said right-of-way line N89°15'33"W (recorded as N89°21'46"W), 10.00 feet; thence continuing along said right-of-way line S00°45'21"W (recorded as S00°38'11"W), 50.48 feet to the Northerly line of Certified Survey Map No. 9506; thence along said Northerly line along a curve to the left having a radius of 25.00 feet and a chord bearing and length of N44°02'09"W (recorded as N44°01'51"W), 35.20 feet; thence continuing along said Northerly line N88°47'16"W (recorded as N88°46'58"W), 174.09 feet; thence continuing along said Northerly line along a curve to the right having a radius of 1039.91 feet and a chord bearing and length of N86°39'23.5"W (recorded as N86°39'06"W), 77.34 feet; thence continuing along said Northerly line N84°31'31"W (recorded as N84°31'13"W), 102.96 feet; thence continuing along said Northerly line N89°37'14"W (recorded as N89°39'53"W), 98.12 feet; thence N15°53'43"W, 83.40 feet; thence N00°22'46"E, 264.45 feet; thence S89°18'19"E, 482.69 feet to said right-of-way line and the point of beginning;
Containing 177,579 square feet, or 4.076 acres.

Village of Waunakee Approval Certificate:
Resolved, that this Certified Survey Map is hereby acknowledged and accepted by the Village of Waunakee and is approved for recording by the Village of Waunakee this _____ day of _____, 2020.

_____ _____
Caitlin Stene, Clerk, Village of Waunakee Dated

Notes: Utilities Easement: No poles or buried cables are to be placed on any lot line or corner.
The disturbance of a survey stake by anyone is in violation of Section 236.32 of Wisconsin Statutes.
Wetlands, if present, have not been delineated.
This survey is subject to any and all easements and agreements both recorded and unrecorded.
This survey shows no above-ground improvements. No guarantee is made for below-ground structures.

Surveyed For:
Donald and Joanne Tierney
3564 Egre Road
DeForest, Wis. 53532
837-0102

Surveyed: C.K.C.
Drawn: M.A.P.
Checked: M.A.P./D.V.B.
Approved: D.V.B.
Field book:
Tape/File: J:\2016\Carlson

Sheet 3 of 3
Office Map No.: 161103

Register of Deeds Certificate:
Received for recording this _____day of _____, 2020

at_____ o'clock ____ m and recorded in Volume _____ of Certified Survey

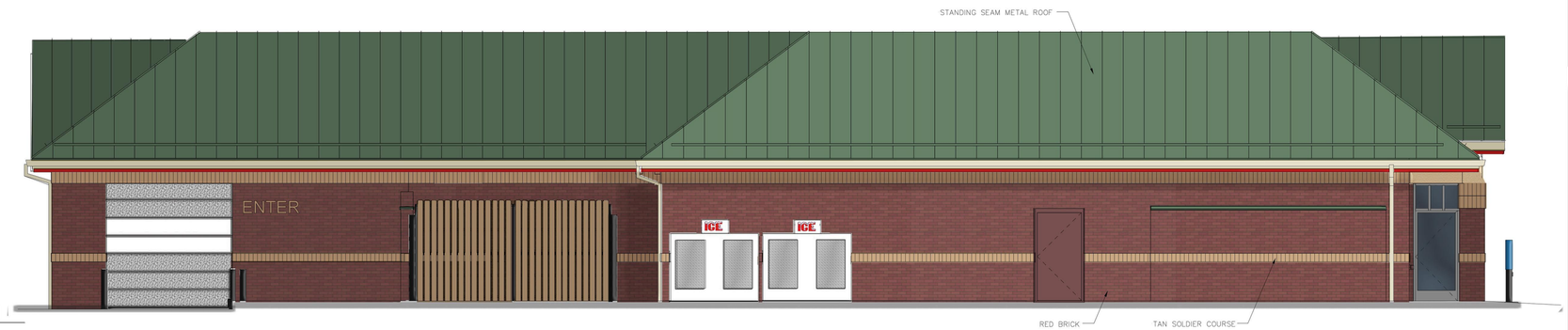
Maps of Dane County on Pages _____.

_____
Kristi Chlebowski, Register of Deeds

Document No. _____

Certified Survey Map No. _____, Volume _____, Page _____

1 **FRONT ELEVATION**
1/4" = 1'-0"



2 **LEFT ELEVATION**
3/16" = 1'-0"

3 **REAR ELEVATION**
3/16" = 1'-0"

4 **RIGHT ELEVATION**
3/16" = 1'-0"

VANTAGE ARCHITECTS INC
750 N. Third Street La Crosse, WI 54601
Ph (608) 784-2729 Fax (608) 784-2826

KWIK TRIP

KWIK STAR

KWIK TRIP, Inc.
P.O. BOX 2107
1626 OAK STREET
LA CROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8960

1 **FRONT ELEVATION**

2 **SIDE ELEVATION**

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FAX (608) 781-8960

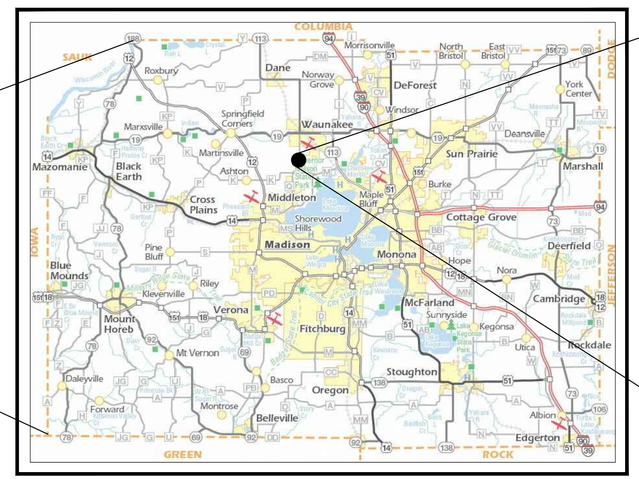
10 MPD

KWIK TRIP CONVENIENCE STORE # 1094

WAUNAKEE, WISCONSIN

SECTION 18, TOWNSHIP 8N, RANGE 9E

REGIONAL



DANE COUNTY

SITE LOCATION MAP

VILLAGE OF WAUNAKEE,
DANE COUNTY, WISCONSIN

SHEET #	SHEET TITLE
T 1.0	TITLE SHEET
DM 1.0	EXISTING SITE PLAN
SP 1.0	SITE TURNING MOVEMENT
SP 1.1	SITE PLAN - LAYOUT
SP 1.2	SITE PLAN - KEYNOTE
SP 2.0	SITE GRADING
SP 2.1	GRADING PLAN - SPOT DETAIL
SP 2.2	ACCESSIBLE PLAN
SP 3.0	STORM SEWER PLAN
SP 3.1	STORM WATER BASIN PLAN
SP 4.0	UTILITY PLAN
SP 5.0	MISC. DETAILS
SP 5.1	MISC. DETAILS
SWP 1.0	EROSION CONTROL PLAN
SWP 1.1	EROSION CONTROL NOTES
SWP 1.2	EROSION CONTROL DETAILS
SWP 1.3	EROSION CONTROL DETAILS
L 1.0	LANDSCAPING NOTES
L 2.0	MULCH, SEEDING AND TURF PLAN
L 2.1	PLANTING PLAN
L 2.2	PLANTING PLAN
L 3.0	LANDSCAPING NOTES
E1.0	PHOTOMETRIC SITE PLAN

CAUTION:

CERTAIN UNDERGROUND UTILITIES HAVE BEEN LOCATED ON THE PLANS. THESE LOCATIONS SHALL NOT BE TAKEN AS CONCLUSIVE. VERIFICATION TO THE SATISFACTION OF THE CONTRACTOR OF ALL UNDERGROUND UTILITES, WHETHER SHOWN ON THE DRAWING OR NOT, SHALL BE ASSUMED AS A CONDITION OF THE CONTRACT. FOR EXACT LOCATION CONTACT DIGGERS HOTLINE 1-800-242-8511

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

KWIK TRIP, Inc.
P.O. BOX 2107
1626 OAK STREET
LA CROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8960

SNYDER & ASSOCIATES
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-836-0444

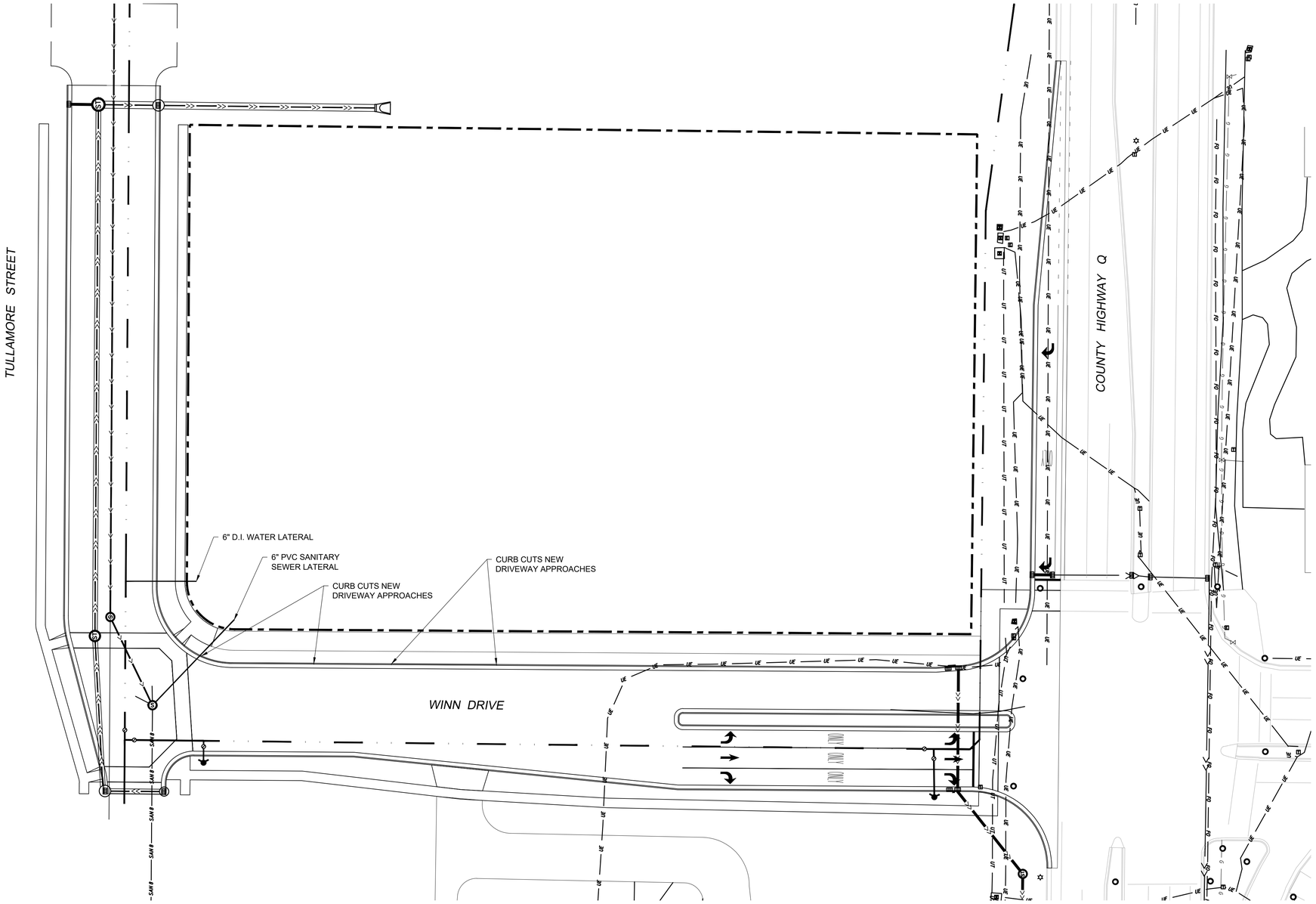
TITLE SHEET

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	T 1.0



PLAN NOTES:

CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS PRIOR TO COMMENCING WORK ON SITE

CONTRACTOR SHALL CALL FOR UTILITY LOCATIONS PRIOR TO COMMENCING WORK ON SITE

EXISTING SITE CONDITIONS BASED ON SURVEY BY:
CHAPUT LAND SURVEYS
SURVEYOR: DONALD C. CHAPUT
PHONE: 414-224-8068
DATED: AUGUST 21, 2019

CONTRACTOR SHALL PROVIDE ALL NECESSARY EROSION CONTROL MEASURES PER TOWN, CITY, COUNTY AND STATE SPECIFICATIONS. ALL MEASURES ARE TO BE IN PLACE PRIOR TO COMMENCING WORK ON SITE. ALL MEASURES SHALL BE MAINTAINED UNTIL SITE SOILS ARE STABILIZED. SEE SHEET SWP1- SWP4 FOR MORE INFORMATION

CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS FOR DEMOLITION AND CONSTRUCTION PRIOR TO COMMENCING ANY WORK ON SITE.

ALL DAMAGED ASPHALT ON MADISON STREET (C.T.H. D) SHALL BE PATCHED TO THE CENTERLINE OF THE ROAD WITH A MINIMUM 10' WIDTH.

ALL EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO DEMOLITION ACTIVITIES. SEE SHEET SWP 1.0 FOR LOCATIONS OF EROSION CONTROL MEASURES.

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

0 30 60
SCALE: 1" =30'

PLOTTING NOTE: PLANS PLOTTED TO 11X17 SHEET SIZE ARE ½ SCALE – 1"=60'

KWIK TRIP

KWIK STAR

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SNYDER & ASSOCIATES
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444

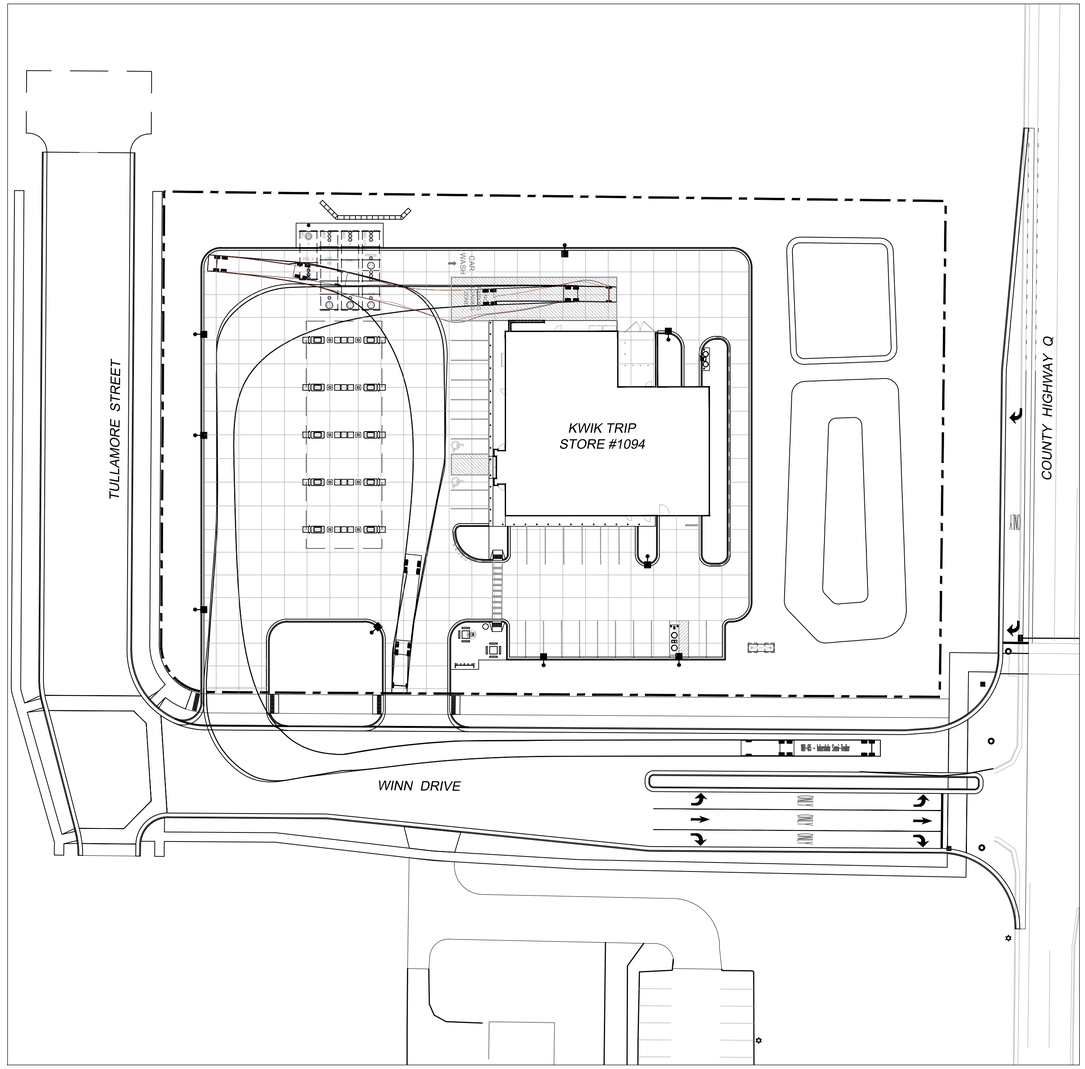
EXISTING SITE PLAN

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

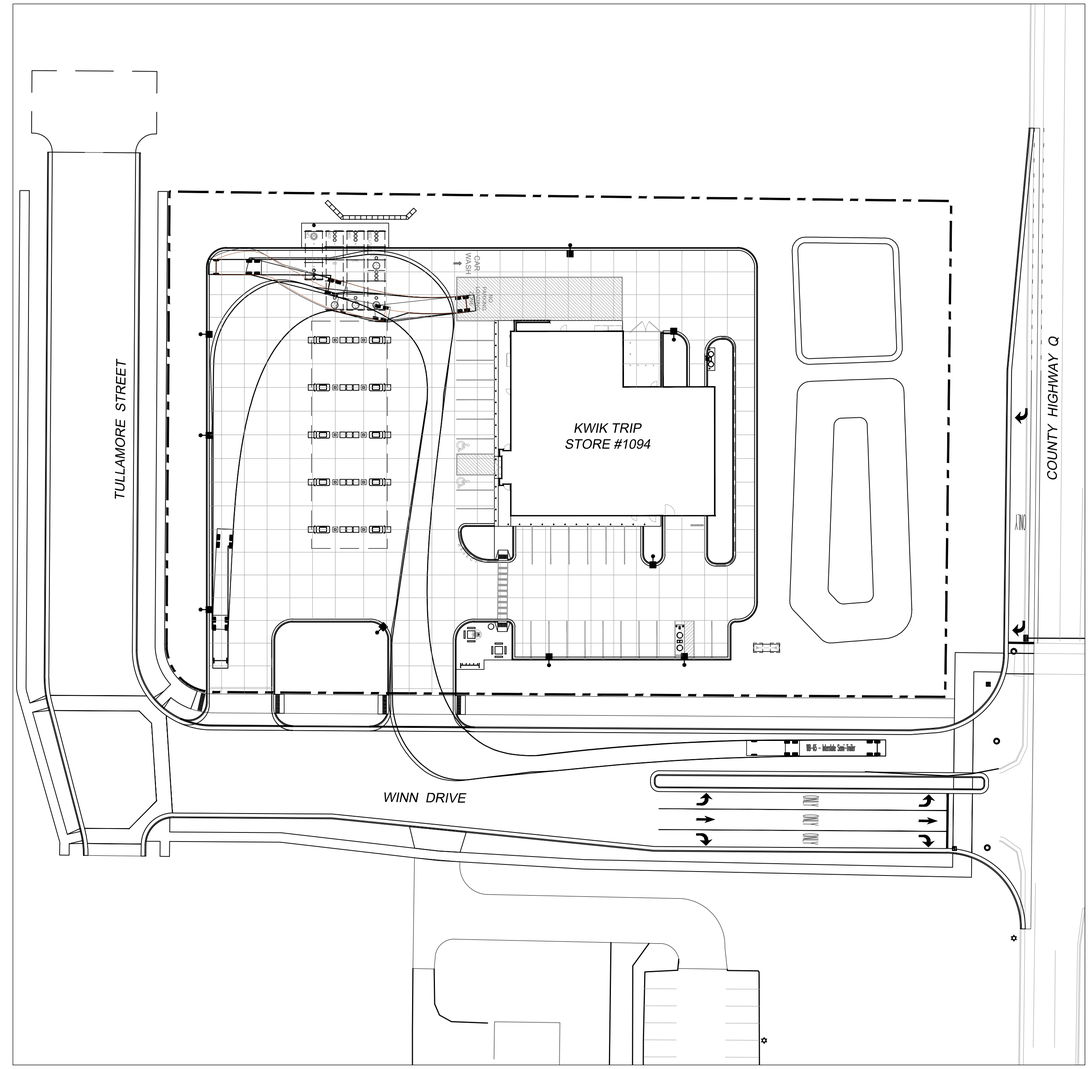
#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	DM 1.0



TRUCK ROUTE FOR STORE DELIVERY

SCALE: NOT TO SCALE



TRUCK ROUTE FOR FUEL DELIVERY

SCALE: NOT TO SCALE

KWIK TRIP

KWIK STAR

KWIK TRIP, Inc.
P.O. BOX 2107
1626 OAK STREET
LA CROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8960

SNYDER & ASSOCIATES
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444

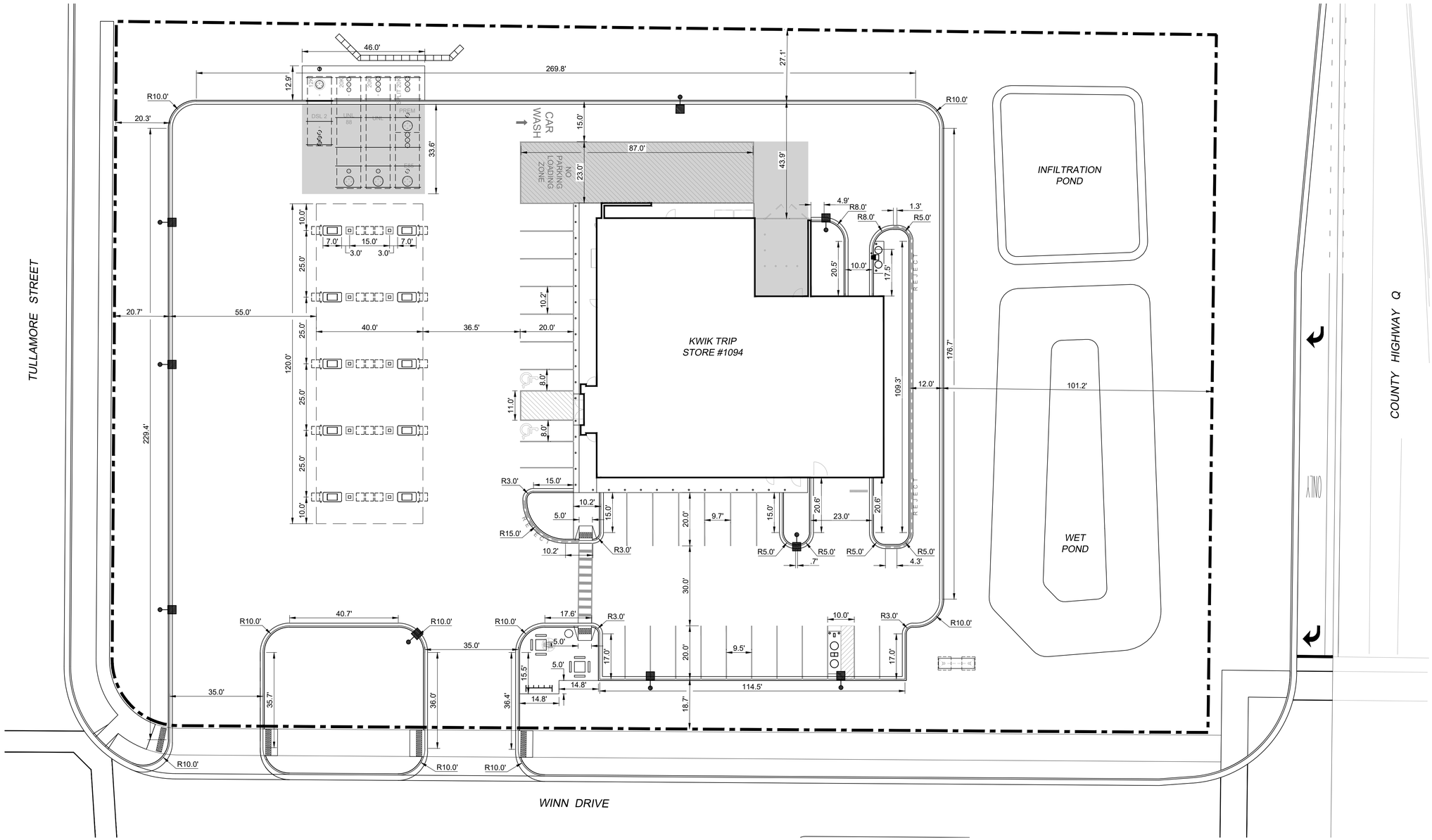
SITE TURNING MOVEMENT

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	SP 1.0



SITE INFORMATION

CURRENT ZONING: A-1 - AGRICULTURAL
PROPOSED ZONING: C-1 - GENERAL COMMERCIAL
TOTAL SITE AREA: 108,182 SF / 2.48 ACRES
TOTAL DISTURBED AREA: 97,831 SF / 2.25 ACRES
EXISTING IMPERVIOUS: 0 SF
TOTAL IMPERVIOUS: 63,707 SF (58.9% LOT COVERAGE)
PAVED AREA: 47,284 SF
BUILDING AREA: 9,208 SF
CANOPY AREA: 4,800 SF
SIDEWALK / PICNIC AREA: 2,415 SF
PRO. PERVIOUS: 44,475 SF (41.1% LOT COVERAGE)

PARKING STALL COUNT

STANDARD PARKING:	26 STALLS
ADA PARKING	2 STALLS WITH LOADING ZONE
TRUCK PARKING	1 UNLOADING STALL

PER CODE, TOTAL ADA PARKING STALLS REQUIRED = 2, HANDICAP PARKING STALLS SHOWN ON THE PLANS = 2.

BUILDING HEIGHTS - 45' / 20' MAX.

CONVENIENCE STORE = 20'-0"
CANOPY = 15'-6"

BUILDING SETBACKS / OFFSETS

FRONT: 15'
REAR: 25'
SIDE: 9'

UTILITY COMPANY INFORMATION

ELECTRICITY - VILLAGE OF WAUNAKEE - 608-849-8111

NATURAL GAS - MG&E - 608-252-7224

PHONE - TDS - 608-664-4332

CABLE - SPECTRUM - 608-274-3822

SANITARY SEWER - VILLAGE OF WAUNAKEE - 608-849-8111

WATER SERVICE - VILLAGE OF WAUNAKEE - 608-849-8111

FIRE LANE:

WINN DRIVE WILL ACT AS THE FIRE LANE ACCESS TO THE BUILDING.

NOTE:

CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES ON AND ADJACENT TO THE SITE PRIOR TO THE START OF THE PROJECT.

RADII ARE FROM FACE OF CURB

DIMENSIONS ARE FROM FACE OF CURB

FLOOD NOTE:

THE FLOODPLAIN DESIGNATION FOR THE SUBJECT PROPERTY IS IN ZONE X, AREAS IN MINIMAL FLOOD HAZARD, AS DESIGNED IN THE FLOOD INSURANCE MAP FOR DANE COUNTY, WISCONSIN. COMMUNITY PANEL NUMBER 55025C0237H, EFFECTIVE DATE 9/17/2014.

0 20 40
SCALE: 1" = 20'

PLOTTING NOTE: PLANS PLOTTED TO 11X17 SHEET SIZE ARE ½ SCALE – 1"=40'

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

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FAX (608) 781-8960

SNYDER & ASSOCIATES
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444

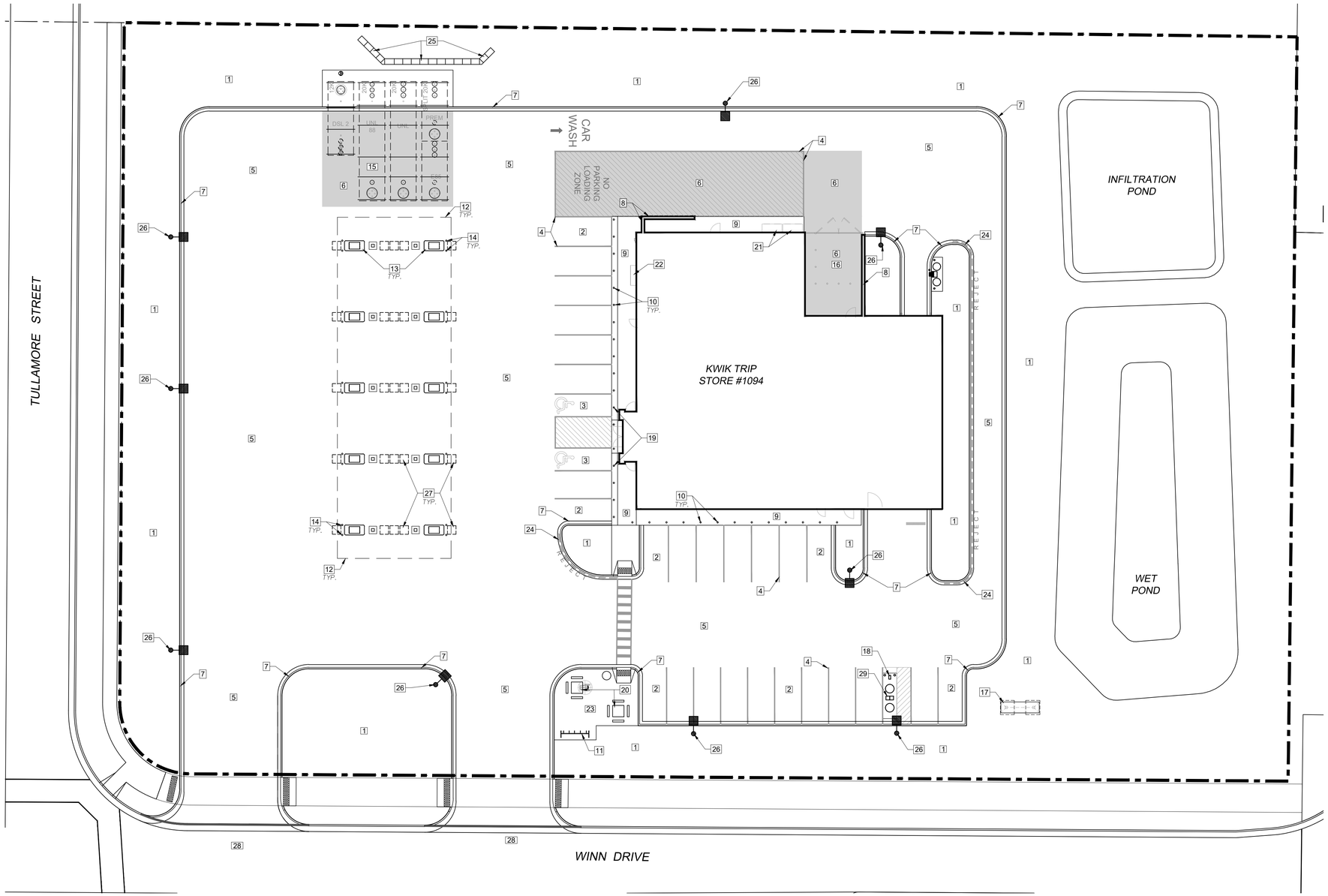
SITE PLAN - LAYOUT

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	SP 1.1



SITE PLAN KEYNOTES

1. LANDSCAPE AREA. SEE SHEET L1.
   ALL GREEN SPACE THAT DOES DONT RECEIVE EROSION MAT SHALL HAVE SOD APPLIED. - ????? SQ.FT.
2. OFF-STREET PARKING STALLS
   STRIPING - 4" WIDE STALL LINES, USE HIGH VISIBILITY YELLOW PAINT.
   SPACES PROVIDED
   (6) 10'-0"x 20'-0" GENERAL PARKING
   (20) 9'-6"X 20'-0" GENERAL PARKING
   (2) 8'-0"x 20'-0" ACCESSIBLE PARKING WITH
   (1) 11'-0"x 20'-0" LOADING ZONE
   (1) 23'-0"x 87'-0" LOADING ZONE
3. A.D.A. ACCESSIBLE PARKING SPACE WITH LOADING ZONE. PROVIDE APPROPRIATE STRIPING AND PAVEMENT MARKINGS.
4. 4" WIDE, HIGH VISIBILITY, PAVEMENT STRIPING, LANE MARKINGS AND TEXT.
   COLOR: YELLOW
   PAINT SHALL BE SHERWIN WILLIAMS SETFAST PREMIUM ALKYD ZONE MARKING PAINT
5. 6" DEPTH (MIN.) CONCRETE SLAB-ON-GRADE WITH #3 REBAR 3' O.C.
   CONCRETE SEALER: TK-26UV - 42,524 SQ.FT.
6. 8" DEPTH (MIN.) CONCRETE SLAB-ON-GRADE WITH #4 REBAR 3' O.C.
   CONCRETE SEALER: TK-26UV - 4,760 SQ.FT.
7. CONCRETE CURB AND GUTTER PER DETAIL ON SHEET SP 5.0.
8. BRICK SCREENING WALLS, SEE ARCHITECTURAL PLANS FOR DETAILS.
9. 6" INTEGRAL CONCRETE CURB/ WALK. SEE DETAILS.
   CONCRETE SEALER: TK-26UV - 1,626 SQ.FT.
10. 30" HT., 6" DIA. CONCRETE FILLED PIPE BOLLARD SEE DETAIL ON SHEET SP 5.0.
11. 5 STALL BIKE RACK WITH 5' CLEARANCE. BIKE RACKS WILL BE SARIS CITY RACK SKU2409 5-BIKE FREE STANDING MODEL IN COLOR RED.
12. 40'-0"x 120'-0" DISPENSER ISLAND CANOPY. VERIFY SIZE, PLACEMENT, COLUMN AND FOOTING SIZE WITH CANOPY AND STRUCTURAL PLANS. CANOPY GRAPHICS PER OWNER.
13. 3'-6"x 6'-0" CONCRETE ISLANDS W/ 6" EXPOSURE WITH FUEL DISPENSERS. DISPENSER PER OWNER.
14. 36" HT BOLLARD, SEE DETAIL ON SHEET SP 5.0.
15. UNDERGROUND FUEL STORAGE TANKS PER OWNER. PROVIDE PIPING AND VENTING PER OWNER'S SPECIFICATIONS.
16. EXTERNAL TRASH ENCLOSURE TO MATCH BUILDING. SEE ARCHITECTURAL DETAILS.
17. KWIK TRIP TRADEMARK SIGN (VERIFY LOCATION AND STYLE WITH SIGN PERMIT).
18. 'FREE AIR' COMPRESSOR. PROVIDE SIGNAGE PER OWNER.
19. HC PVC BOLLARD SLEEVE PER OWNER. VAN ACCESS SIGNAGE AT 48" HT. STALL PARKING AT 60" HT, SEE DETAIL ON SHEET SP 5.0.
20. PICNIC TABLE PER OWNER. PROVIDE 1 HC. ACCESS TABLE SPACE. PROVIDE TRASH CONTAINER PER OWNER.
21. 36"x48" ICE OUTDOOR STORAGE (ITEMS SOLD EXCLUSIVELY IN THE STORE).
22. 26"x84" LP OUTDOOR STORAGE (ITEMS SOLD EXCLUSIVELY IN THE STORE).
23. 4" CONCRETE PATIO AREA - 715 SQ.FT.
24. REJECT CURB & GUTTER, SEE DETAIL 7 ON SHEET SP 5.0.
25. BLOCK RETAINING WALL PER DETAIL ON SHEET SP 5.0.
26. CONCRETE LIGHT POLE BASE, SEE SHEET E1 FOR DETAIL.
27. OUTDOOR MERCHANDISE AREA, TYPICALLY RESERVED FOR BAGS OF SALT.
28. ALL DAMAGED ASPHALT SHALL BE PATCHED TO THE SATISFACTION OF THE VILLAGE OF WAUNAKEE.
29. VACUUM STATION.

KWIK TRIP

KWIK STAR

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SNYDER & ASSOCIATES
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-836-0444

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

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1-800-242-8511
TOLL FREE

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

0 20 40
SCALE: 1" = 20'

PLOTTING NOTE: PLANS PLOTTED TO 11X17 SHEET SIZE ARE ½ SCALE – 1"=40'

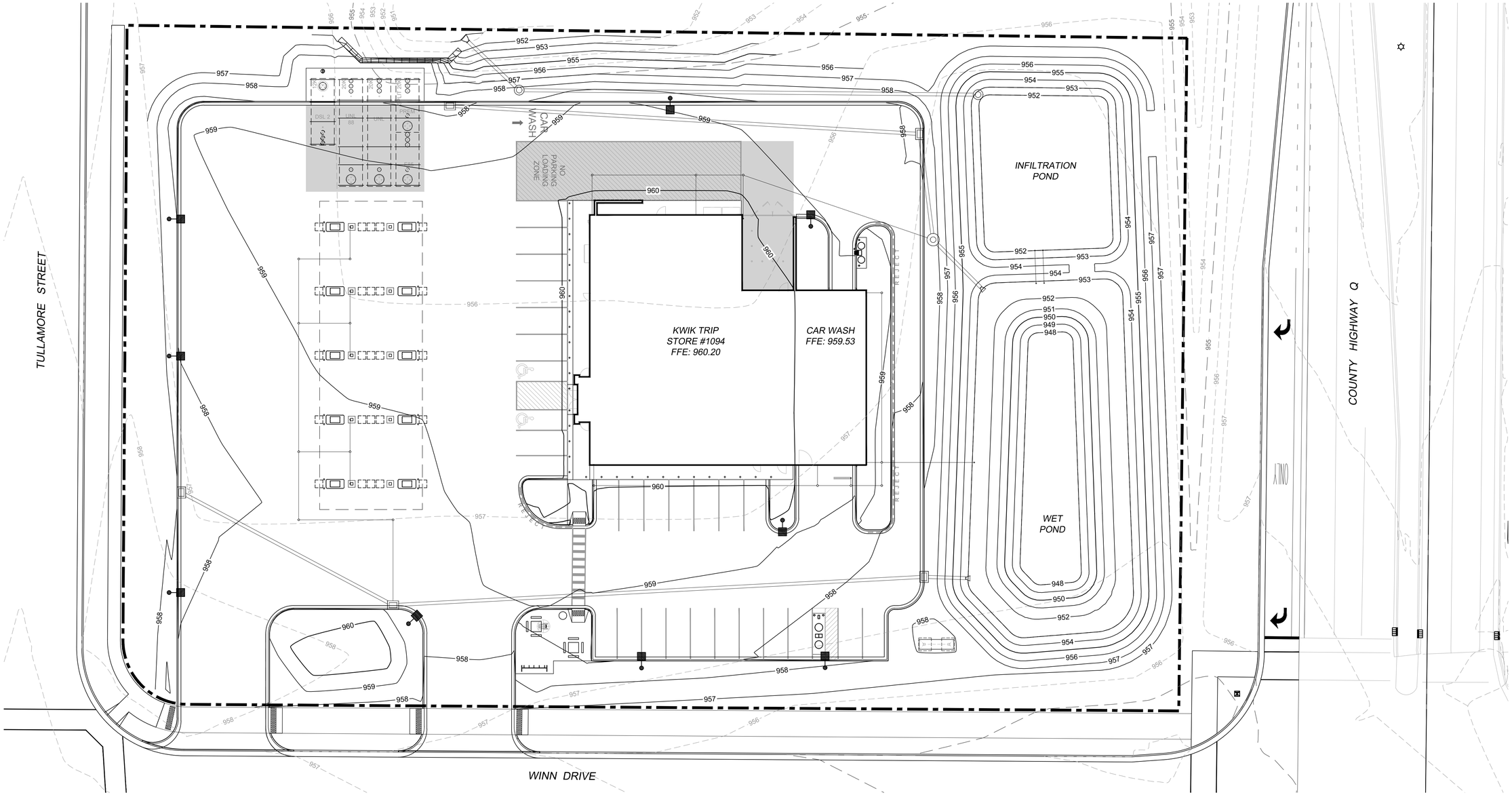
SITE PLAN - KEYNOTE

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	SP 1.2



NOTES:

-ALL SILT FENCE MUST BE INSTALLED BY THE CONTRACTOR AND INSPECTED BY THE CITY PRIOR TO ANY SITE WORK.

-SITE EROSION CONTROL MEASURES MUST BE IN PLACE AT ALL TIMES. SHOULD DEVICES BE REMOVED FOR WORK ACCESS, THEY SHALL BE REINSTALLED AT THE END OF EACH WORK DAY UNTIL PAVEMENTS HAVE BEEN INSTALLED AND ALL LANDSCAPE AREAS HAVE BEEN MULCHED AND SODDED. SEEDED AREAS MUST EXHIBIT MINIMUM OF 70% SOIL COVERAGE.

-REFER TO THE EROSION CONTROL PLAN NOTES AND DETAIL SHEETS FOR MORE INFORMATION.

CONTACT BRAD FRY
KWIK TRIP, INC
P0 BOX 2107
LACROSSE, WI 54602
608-793-6414

NOTE FOR GRADING CONTRACTOR:

ANY PROPERTY IRONS THAT ARE DISTURBED IN THE GRADING PROCESS SHALL BE RESET BY A LICENSED LAND SURVEYOR AT NO ADDITIONAL COST TO THE OWNER.

CONSTRUCTION SEQUENCE

*INSTALL EROSION/SEDIMENT CONTROL MEASURES

*INSTALL STORMWATER MANAGEMENT SEDIMENT BASINS

*INSTALL STORM SEWER

*INSTALL STRUCTURES

*INSTALL PAVEMENTS

*INSTALL LAWN/ LANDSCAPE

*FLUSH STORM SEWER

*REMOVE EROSION CONTROL MEASURES ONLY AFTER ALL PAVEMENTS HAVE BEEN INSTALLED AND ALL SOILS HAVE BEEN STABILIZED

NOTES:

ENGINEER TO OBTAIN RIGHT-OF-WAY EXCAVATION PERMIT PRIOR TO BEGINNING SITE WORK.

CONSTRUCTION FENCING TO BE INSTALLED AROUND ENTIRE CONSTRUCTION SITE. COORDINATE WITH OWNER FOR FENCING AND GATE LOCATION AND APPROPRIATE SIGNAGE LOCATION.

PLAN PREPARED FROM ALTA LAND TITLE SURVEY BY:

CHAPUT LAND SURVEYS
SURVEYOR: DONALD C. CHAPUT
PHONE: 414-224-8068
DATED: AUGUST 21, 2019

CONTRACTOR SHALL LOCATE ALL UTILITIES WHICH MAY AFFECT THIS WORK NOTIFY THE OWNER OF ANY POTENTIAL CONFLICTS.

CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED ELEVATIONS PRIOR TO START OF CONSTRUCTION. VERIFY CRITICAL ELEVATIONS TO ENSURE CONFORMANCE WITH GRADING PLAN, PARTICULARLY WITH WALK, AND/OR PAVEMENTS TO REMAIN. MEET EXISTING GRADES ALONG STREETS, PROPERTY LINES, AND DRIVEWAY ENTRANCES. RESTORE ALL EXISTING PAVEMENTS THAT REMAIN TO THEIR ORIGINAL, IF NOT BETTER CONDITION. NOTIFY OWNER OF ANY CONFLICTS.

AREAS NOT PAVED AND TO BE LANDSCAPED SHALL RECEIVE MINIMUM OF 4" DEPTH COMPACTED TOPSOIL.

CONTRACTOR SHALL COORDINATE GRADING AND INSTALLATION OF DRIVES IN R.O.W. WITH APPROPRIATE GOVERNMENT AGENCIES. OBTAIN APPROPRIATE PERMITS FOR GRADING AND DRAINAGE IN ALL R.O.W.

REFER TO OWNERS SPECIFICATIONS FOR CURB, APPROACH, AND CONCRETE PROFILES AS WELL AS ADDITIONAL SITE STANDARDS RELATED TO THIS PROJECT.

EXCAVATOR IS RESPONSIBLE FOR ALL EROSION CONTROL INSPECTIONS

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SITE GRADING

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
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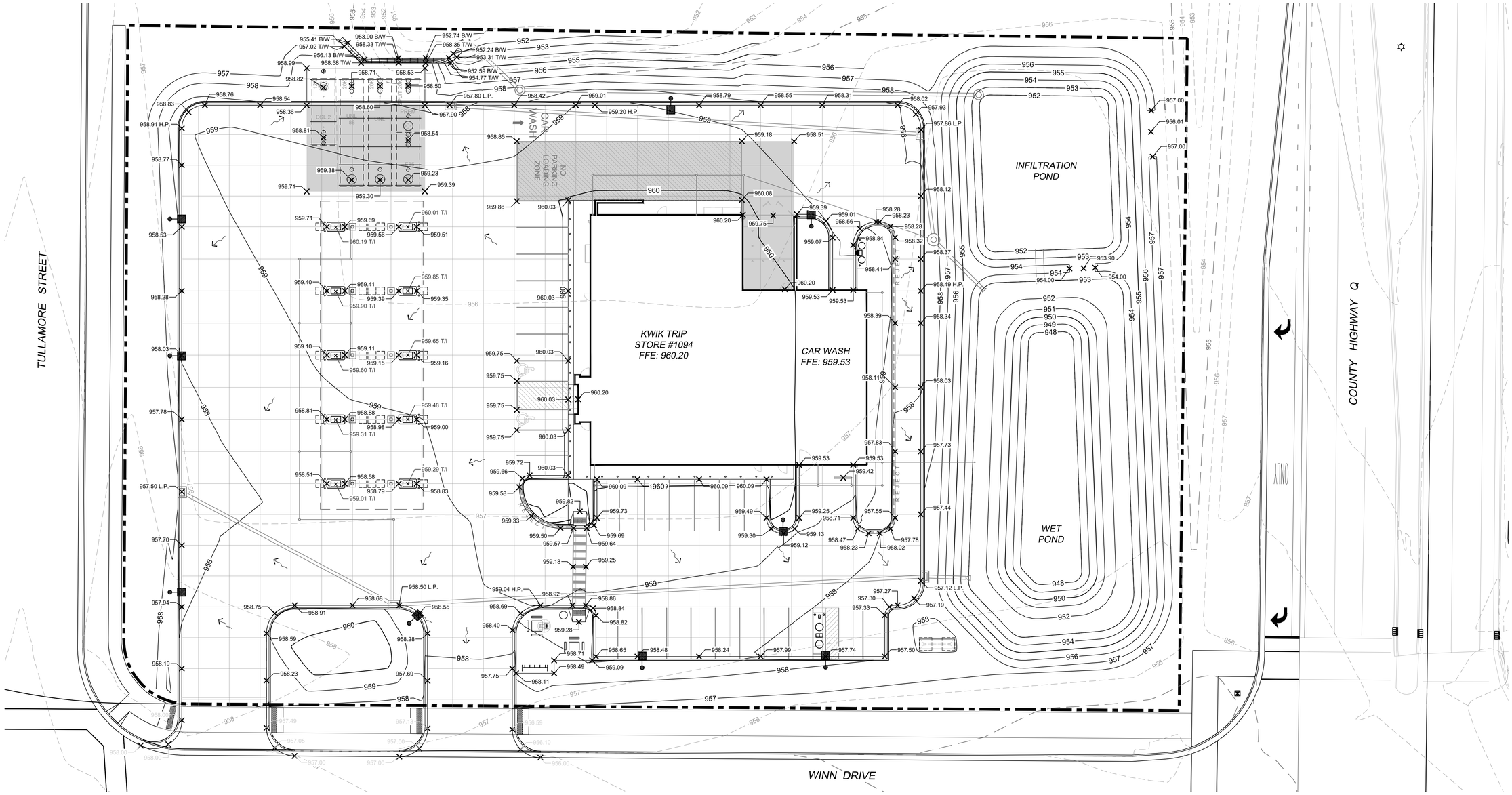
SHEET	SP 2.0



NOTES:

H.P. = HIGH POINT FOR DRAINAGE

L.P. = LOW POINT FOR DRAINAGE

T/I = TOP OF ISLAND ELEVATION

TW = TOP OF WALL

BW = BOTTOM OF WALL

BC = BACK OF CURB

ALL SPOT ELEVATIONS ARE AT THE EDGE OF PAVEMENT (FLAG OF CURB)

HATCHED CURB AND GUTTER DEPICTS REJECT CURB LOCATIONS

ALL LANDSCAPE AND SOD AREAS SHALL HAVE POSITIVE DRAINAGE

CONTRACTOR SHALL PROVIDE CONTROL JOINTS, CONSTRUCTION JOINTS AND EXPANSION JOINTS IN SLAB ON GRADE, SIDEWALKS AND DRIVEWAYS

CONTROL JOINT MAXIMUM DISTANCE: SIDEWALKS - 8' O.C., ALL OTHERS 10' O.C.
SAW CUT CONTROL JOINTS SHALL BE A MINIMUM OF ¼ OF THE CONCRETE THICKNESS

EXPANSION JOINT MINIMUM DISTANCE: SIDEWALKS - 24' O.C., ALL OTHERS 40' O.C.
DOWEL ALL EXPANSION JOINTS - 24" O.C.

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GRADING - SPOT ELEVATION PLAN

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

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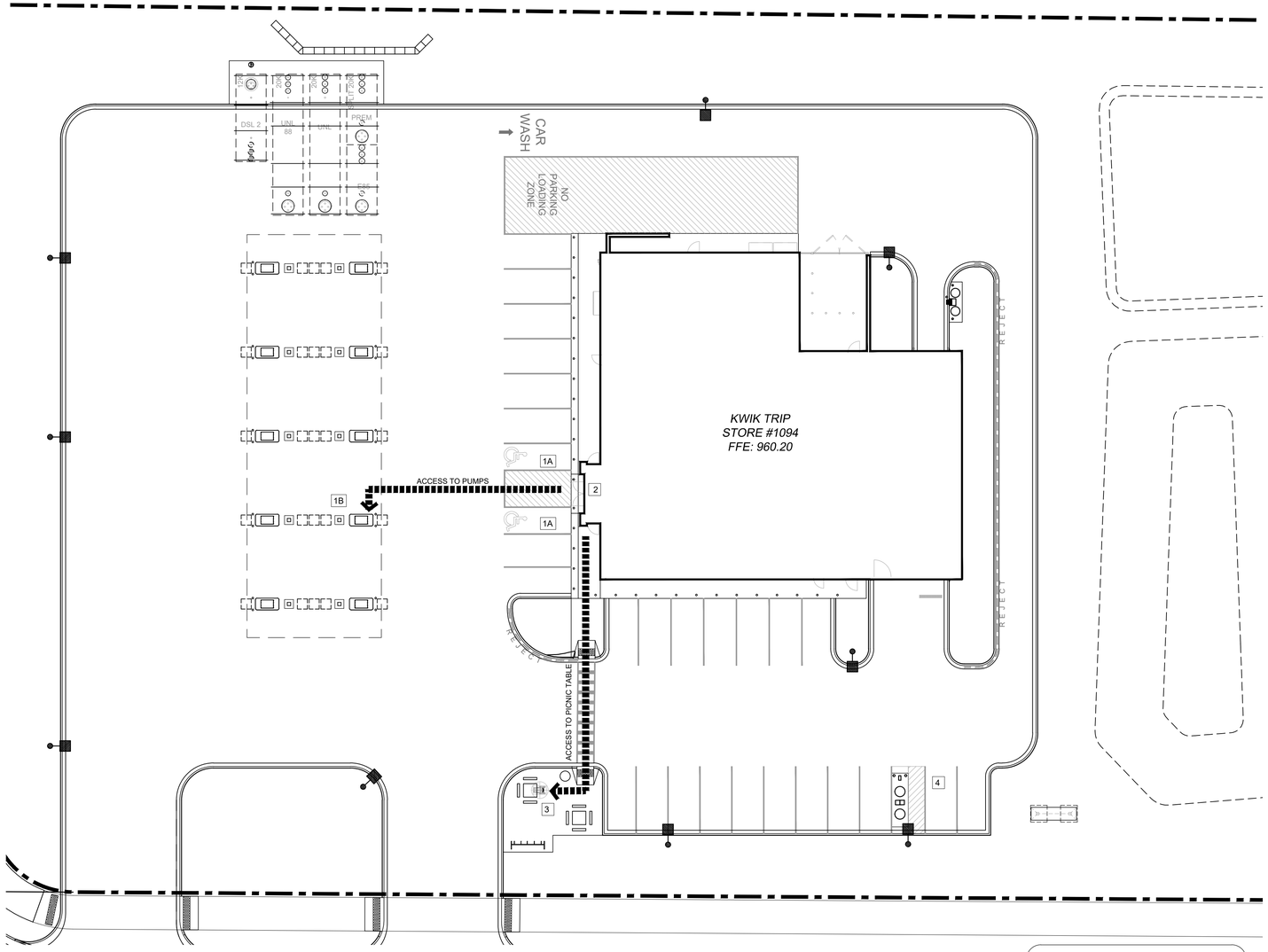


PLAN KEYNOTES

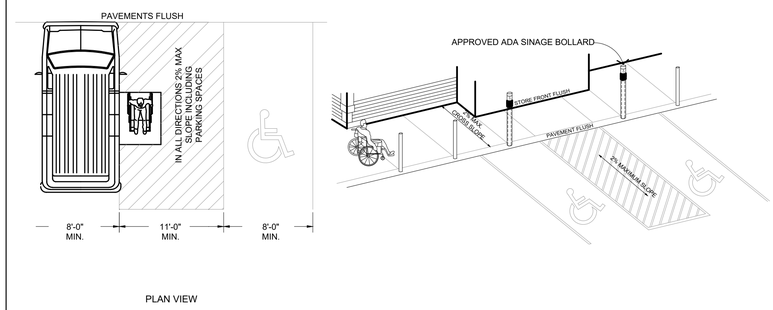
1. ACCESSIBLE STALLS

   A. STRIPING - 4" WIDE STALL LINES, USE HIGH VISIBILITY BLUE PAINT. SPACES PROVIDED:

   (2) 8'-0"x 20'-0" ACCESSIBLE PARKING WITH (1) 11'-0"x 20'-0" LOADING ZONE (MIN.)

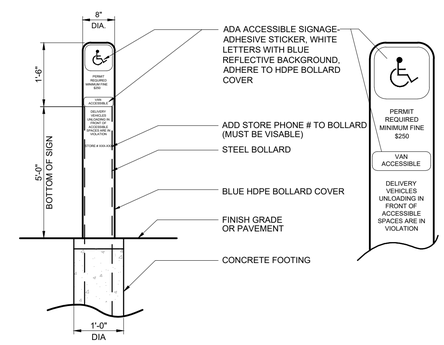
   B. ACCESSIBLE FUELING POINT AND DISPENSER AND VALET. VALET AND KEY PAD ON PUMP SHALL CONFORM TO ADA REACH DIMENSIONS AS SHOWN IN DETAIL.

2. PAVEMENTS FLUSH FOR ACCESSIBILITY INTO BUILDING.
3. PICNIC TABLE WITH ACCESSIBLE PLACEMENT
4. ACCESSIBLE ROUTE TO AIR STATION



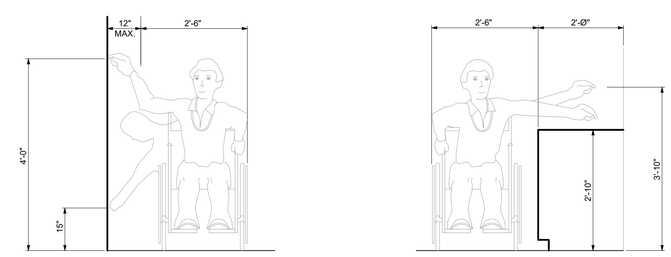
1 / SP2.2 VAN ACCESSIBLE PARKING

NOT TO SCALE



2 / SP2.2 ADA BOLLARD SIGNAGE

NOT TO SCALE



3 / SP2.2 ACCESSIBLE REACH DIMENSIONS

NOT TO SCALE

NOTES FOR CONVENIENCE STORE ACCESSIBLITY

AT LEAST 1 MPD(MULTI PRODUCT DISPENSER) COVERING ALL GRADES OF FUEL MUST BE ACCESSIBLE IN A 30"X48" CLEAR LEVEL FLOOR AREA(CLF).

ALL PUMP CONTROLS SHALL BE < 48"(2010 STANDARD). WINDOW WASHER, PAPER TOWEL DISPENSER, LITERATURE, FIRE EXTINGUISHER, EMERGENCY FUEL STOPS, ETC. BE ACCESSIBLE 30"X48" CLF SPACE AND WITHIN A FORWARD OR SIDE APPROACH REACH RANGE.

PROVIDE ISA(INDUSTRY STANDARD ARCHITECTURE) AT EACH ACCESSIBLE FUEL POSITION ON FACE OF PUMP.

PROVIDE ISA AT EACH ACCESSIBLE FUELING POSITION VISIBLE TO APPROACHING VEHICLES.

PROVIDE A SIGN AT EACH ACCESSIBLE FUELING POSITION WITH STORE TELEPHONE NUMBER, ADVISING AVAILABLE FUELING ASSISTANCE.

ANY PAY FUNCTION- i.e. AIR/VACUUM etc. ARE REQUIRED TO HAVE AN ACCESSIBLE ROUTE TO STORE ENTRANCE. CONTROLS SHALL BE ACCESSIBLE 30"X48" CLF SPACE AND WITHIN A FORWARD OR SIDE APPROACH REACH RANGE.

NOTES:

-REFER TO THE DOCUMENT FROM THE DEPARTMENT OF JUSTICE ON "2010 ADA STANDARDS FOR ACCESSIBLE DESIGN". CONTRACTOR SHALL REFERENCE CURRENT A.D.A. GUIDELINES AND LOCAL REGULATIONS FOR SITE ACCESSIBILITY. IN ALL CASES THE MINIMUM REQUIREMENTS SHALL BE PROVIDED ON SITE TO ENSURE COMPLIANCE TO ALL REGULATIONS.

- KWIK TRIP STANDARD ENTRANCE DOOR IS AUTOMATIC SLIDING DOOR SYSTEM DESIGNED TO COMPLY WITH ALL ACCESS CODES AND LAWS. ENTRANCE DOORS FOR ACCESSIBLE ROUTES WILL HAVE A MINIMUM CLEAR OPENING OF 32"

-STORE FRONTS WILL PROVIDE FLUSH PAVEMENTS ALONG ACCESSIBLE ROUTES WITH PROTECTIVE SECURITY BOLLARDS INDICATED AND SPACED BETWEEN PARKING SURFACES AND BUILDING WALK PER PLAN.

-NO OBJECTS OR DISPLAYS SHOULD PROTRUDE INTO THE MINIMUM CLEAR SPACE OF THE ACCESSIBLE ROUTES TO THE STORE ENTRANCE. THIS WILL INCLUDE SEASONAL DISPLAY VENDING AREAS AS WELL AS OTHER OUTDOOR STORAGE UNITS FOR PROPANE AND ICE, ETC.

-PER A.D.A GUIDELINES- CLEAR WIDTH OF ACCESSIBLE ROUTES SHALL BE 36" AND PERMITTED TO BE REDUCED TO 32" FOR A LENGTH OF 24".

- ACCESS ISLES SERVING WHEEL CHAIR LIFTS OR CHAIR ACCESS FROM VEHICLES ARE REQUIRED TO BE NEARLY LEVEL IN ALL DIRECTIONS TO PROVIDE SAFE TRANSFER OF WHEELCHAIRS TO AND FROM VEHICLES. THE EXCEPTION WOULD BE FOR DRAINAGE. MAXIMUM SLOPE FOR THE ACCESS ISLE IS 1:48. NO CURB RAMPS SHALL BE A PART OF THE ACCESS ISLE.

-IDENTIFICATION SIGNS SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY WITH THE DESIGNATION OF 1 "VAN ACCESSIBLE' IN EVERY 8 ACCESSIBLE SPACES ON SITE.

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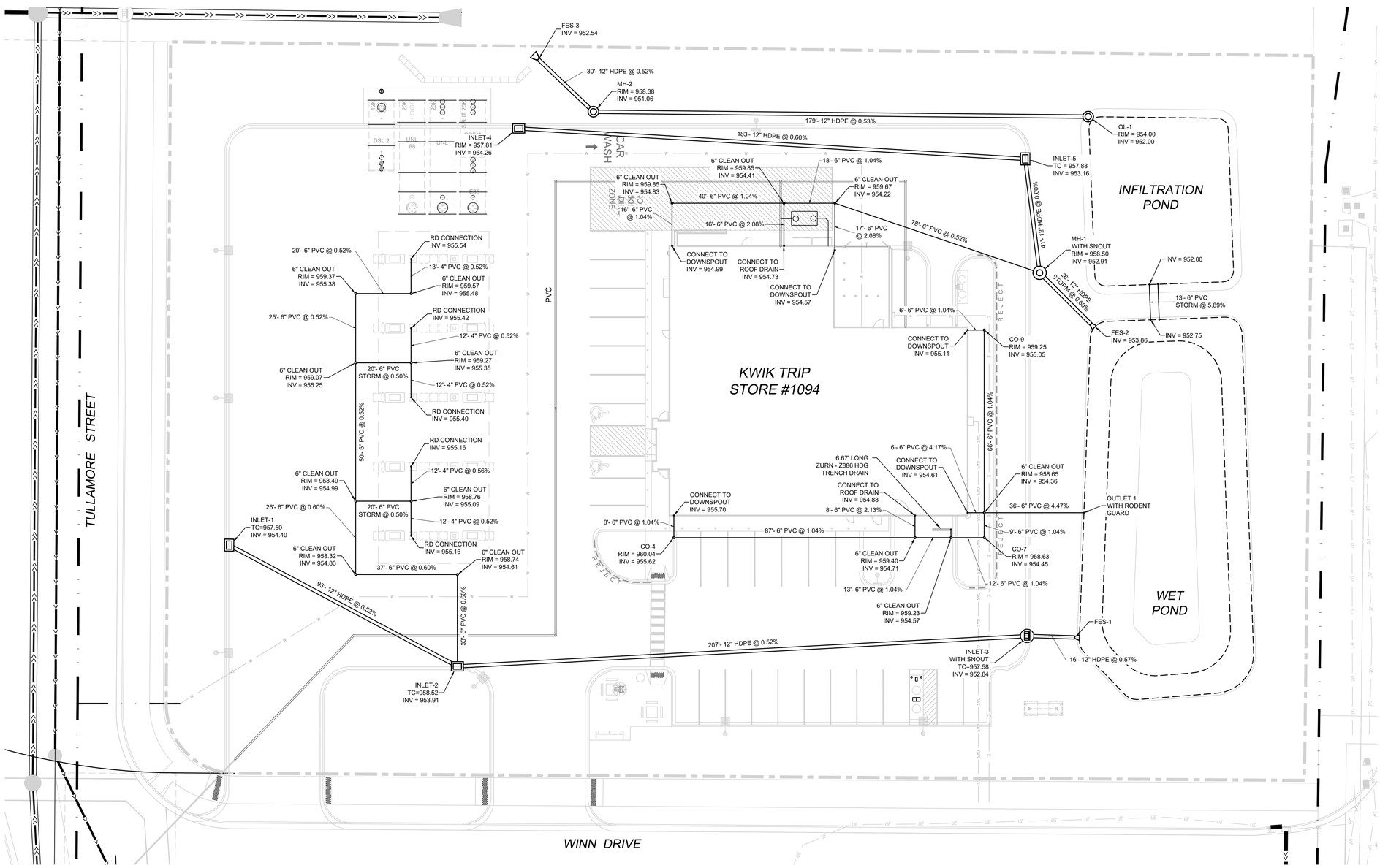
ACCESSIBLE PLAN

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	SP 2.2



STORM DRAINAGE:

1. *UNLESS OTHERWISE INDICATED, USE REINFORCED, PRECAST, CONCRETE MAINTENANCE HOLES AND CATCHBASINS CONFORMING TO ASTM C478, FURNISHED WITH WATER STOP RUBBER GASKETS AND PRECAST BASES. JOINTS FOR ALL PRECAST MAINTENANCE HOLE SECTIONS SHALL HAVE CONFINED, RUBBER "O"-RING GASKETS IN ACCORDANCE WITH ASTM C923. THE INSIDE BARREL DIAMETER SHALL NOT BE LESS THAN 48 INCHES.*
2. *ALL JOINTS AND CONNECTIONS TO CATCHBASINS OR MANHOLES SHALL BE WATERTIGHT. USE RESILIENT RUBBER SEALS, WATERSTOP GASKETS, OR APPROVED EQUAL. CEMENT MORTAR JOINTS ARE NOT ALLOWED.*
3. *INSTALL CATCHBASIN CASTINGS WITH SPECIFIED TOP ELEVATION AT THE FRONT RIM.*
4. *USE HDPE SOLID WALL PIPE WHEN CALLED OUT ON THE PLANS.*
5. *PVC PIPE: USE SOLID-CORE, SDR-35, ASTM D3034 POLYVINYL CHLORIDE (PVC) PIPE FOR DESIGNATED PVC STORM SEWER SERVICES 4 TO 15-INCHES IN DIAMETER. USE SOLID-CORE, SDR-35, ASTM F679 POLYVINYL CHLORIDE (PVC) PIPE FOR DESIGNATED PVC STORM SEWER SERVICES 18 TO 27-INCHES IN DIAMETER. JOINTS FOR ALL STORM SEWER SHALL HAVE PUSH-ON JOINTS WITH ELASTOMERIC GASKETS. USE OF SOLVENT CEMENT JOINTS IS ALLOWED FOR BUILDING SERVICES. SOLVENT CEMENT JOINTS IN PVC PIPE MUST INCLUDE USE OF A PRIMER WHICH IS OF CONTRASTING COLOR TO THE PIPE AND CEMENT. PIPE WITH SOLVENT CEMENT JOINTS SHALL BE JOINED WITH PVC CEMENT CONFORMING TO ASTM D2564. LAY ALL PVC PIPE ON A CONTINUOUS GRANULAR BED. INSTALLATION MUST COMPLY WITH ASTM D2321.*
6. *TESTING: TEST ALL PORTIONS OF STORM SEWER THAT ARE WITHIN 10 FEET OF BUILDINGS, WITHIN 10 FEET OF BURIED WATER, LINES, WITHIN 50 FEET OF WATER WELLS, OR THAT PASS THROUGH SOIL OR WATER IDENTIFIED AS BEING CONTAMINATED. TEST ALL FLEXIBLE STORM SEWER LINES FOR DEFLECTION AFTER THE SEWER LINE HAS BEEN INSTALLED AND BACKFILL HAS BEEN IN PLACE FOR AT LEAST 30 DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5%. IF THE TEST FAILS, MAKE NECESSARY REPAIRS AND RETEST.*
7. *INSTALL DETECTABLE UNDERGROUND MARKING TAPE DIRECTLY ABOVE ALL PVC, POLYETHYLENE, AND OTHER NONCONDUCTIVE UNDERGROUND UTILITIES AT A DEPTH OF 457 MM (18 INCHES) BELOW FINISHED GRADE, UNLESS OTHERWISE INDICATED. BRING THE TAPE TO THE SURFACE AT VARIOUS LOCATIONS IN ORDER TO PROVIDE CONNECTION POINTS FOR LOCATING UNDERGROUND UTILITIES. INSTALL BLUE RHINO TRIVIEW FLEX TEST STATIONS, OR APPROVED EQUAL, WITH BLACK CAPS AT EACH SURFACE LOCATION.*
8. *TRACER WIRE: LOCATING REQUIREMENTS - A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED IN ACCORD WITH THE PROVISIONS OF THESE CODE SECTIONS AS PER 182.0715(2R) OF THE STATUTES.*
9. *THE MINIMUM DEPTH OF COVER FOR BUILDING AND CANOPY ROOF DRAIN LEADERS WITHOUT INSULATION IS 5 FEET. INSULATE ROOF DRAIN LEADERS AT LOCATIONS WHERE THE DEPTH OF COVER IS LESS THAN 5 FEET. PROVIDE A MINIMUM INSULATION THICKNESS OF 2 INCHES. THE INSULATION MUST BE AT LEAST 4 FEET WIDE AND CENTERED ON THE PIPE. INSTALL THE INSULATION BOARDS 6 INCHES ABOVE THE TOPS OF THE PIPES ON MECHANICALLY COMPACTED AND LEVELED PIPE BEDDING MATERIAL. USE HIGH DENSITY, CLOSED CELL, RIGID BOARD MATERIAL EQUIVALENT TO DOW STYROFOAM HI-40 PLASTIC FOAM INSULATION.*
10. *CLEANOUTS: INSTALL CLEANOUTS ON ALL ROOF DRAINS IN ACCORDANCE WITH S.P.S 382.35 (3)(C)(1.). THE DISTANCE BETWEEN CLEANOUTS IN HORIZONTAL PIPING SHALL NOT EXCEED 100 FEET FOR PIPES 10-INCHES AND UNDER IN SIZE. CLEANOUTS SHALL BE OF THE SAME NOMINAL SIZE AS THE PIPES THEY SERVE. INSTALL A METER BOX FRAME AND SOLID LID (NEENAH R-1914-A, OR APPROVED EQUAL) OVER ALL CLEANOUTS.*
11. *INSTALL ALL PIPE WITH THE ASTM IDENTIFICATION NUMBERS ON THE TOP FOR INSPECTION. COMMENCE PIPE LAYING AT THE LOWEST POINT IN THE PROPOSED SEWER LINE. LAY THE PIPE WITH THE BELL END OR RECEIVING GROOVE END OF THE PIPE POINTING UPGRADE. WHEN CONNECTING TO AN EXISTING PIPE, UNCOVER THE EXISTING PIPE IN ORDER TO ALLOW ANY ADJUSTMENTS IN THE PROPOSED LINE AND GRADE BEFORE LAYING ANY PIPE. DO NOT LAY PIPES IN WATER OR WHEN THE TRENCH CONDITIONS ARE UNSUITABLE FOR SUCH WORK.*

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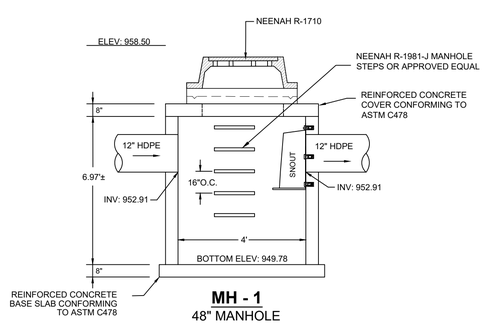
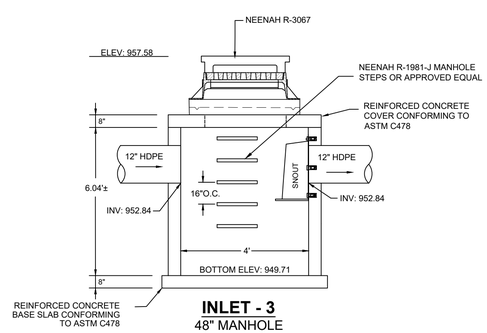


MH - 1
48" MANHOLE
WITH OIL SKIMMER

R-1710 CASTING
SKIMMER MODEL 18R
DEPTH: 6.97'±
SUMP: 3.13'



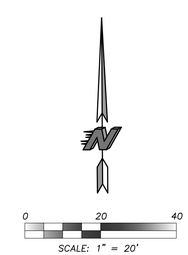
INLET - 3
48" MANHOLE
WITH OIL SKIMMER

R-3067 CASTING
SKIMMER MODEL 18R
DEPTH: 6.04'±
SUMP: 3.13'

STRUCTURE TABLE

STRUCT #	RIM EL	STRUCT TYPE	FRAME	INVERTS IN	INVERTS OUT
FES-1	953.86	12" FES			INV = 952.75
FES-2	953.86	12" FES			INV = 952.75
FES-3	952.02	18" FES			INV = 950.90
INLET-1	957.50	2X3 INLET	R-3067		INV SE = 954.40
INLET-2	958.52	2X3 INLET	R-3067	INV N = 954.41 INV NW = 953.91	INV E = 953.91
INLET-3	957.58	48" MANHOLE	R-3067	INV W = 952.84	INV E = 952.84
INLET-4	957.81	2X3 INLET	R-3067		INV E = 954.26
INLET-5	957.88	2X3 INLET	R-3067	INV W = 953.16	INV S = 953.16
MH-1	958.50	48" MANHOLE	R-1710	INV W = 953.82 INV N = 952.91	INV SE = 952.91
MH-2	958.38	36" MANHOLE	R-1710	INV E = 951.06	INV NW = 951.06

NOTE: CURB INLET RIM ELEVATIONS ARE AT TOP OF CURB.



PLOTTING NOTE: PLANS PLOTTED TO 11X17 SHEET SIZE ARE ½ SCALE – 1"=40'

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

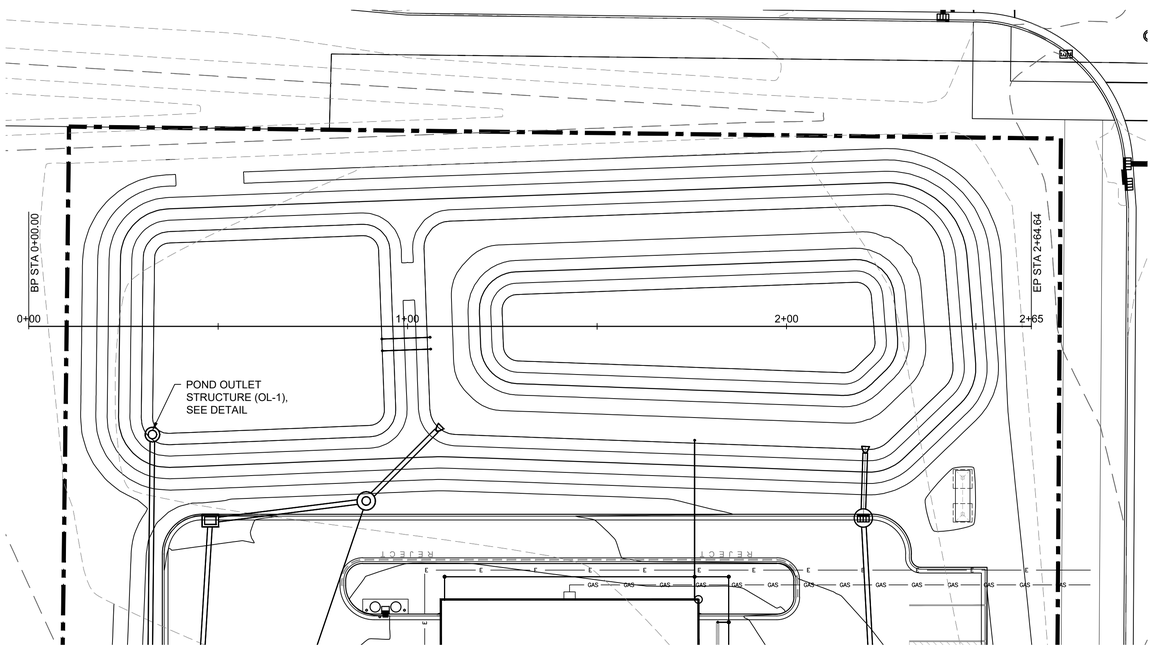
STORM SEWER PLAN

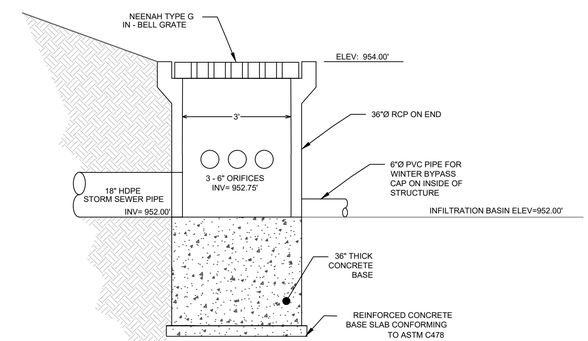
CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	SP 3.0





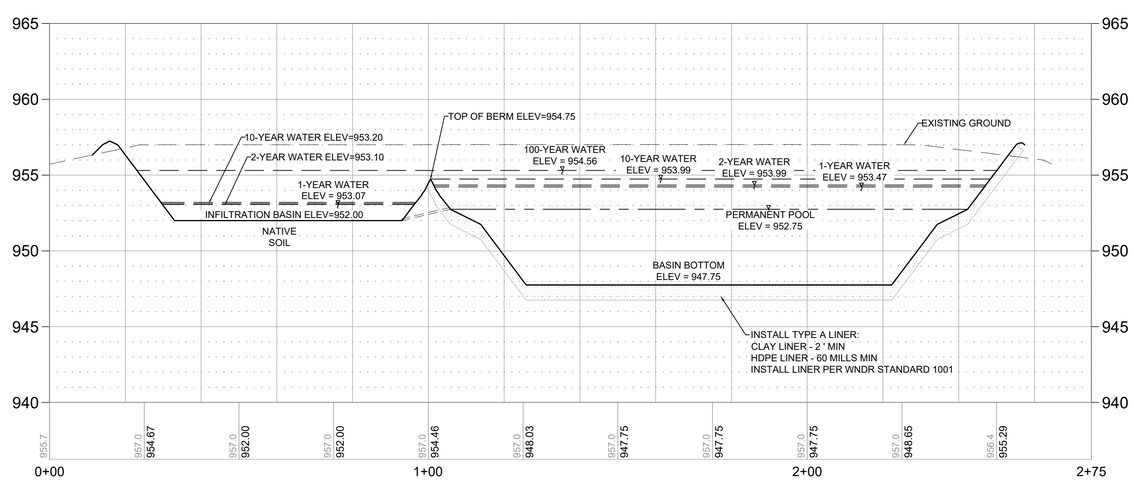
1 / SP 3.1 POND OUTLET STRUCTURE DETAIL

NOT TO SCALE

0 20 40

SCALE: 1" = 20'

PLOTTING NOTE: PLANS PLOTTED TO 11X17 SHEET SIZE ARE ½ SCALE – 1"=40'



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WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

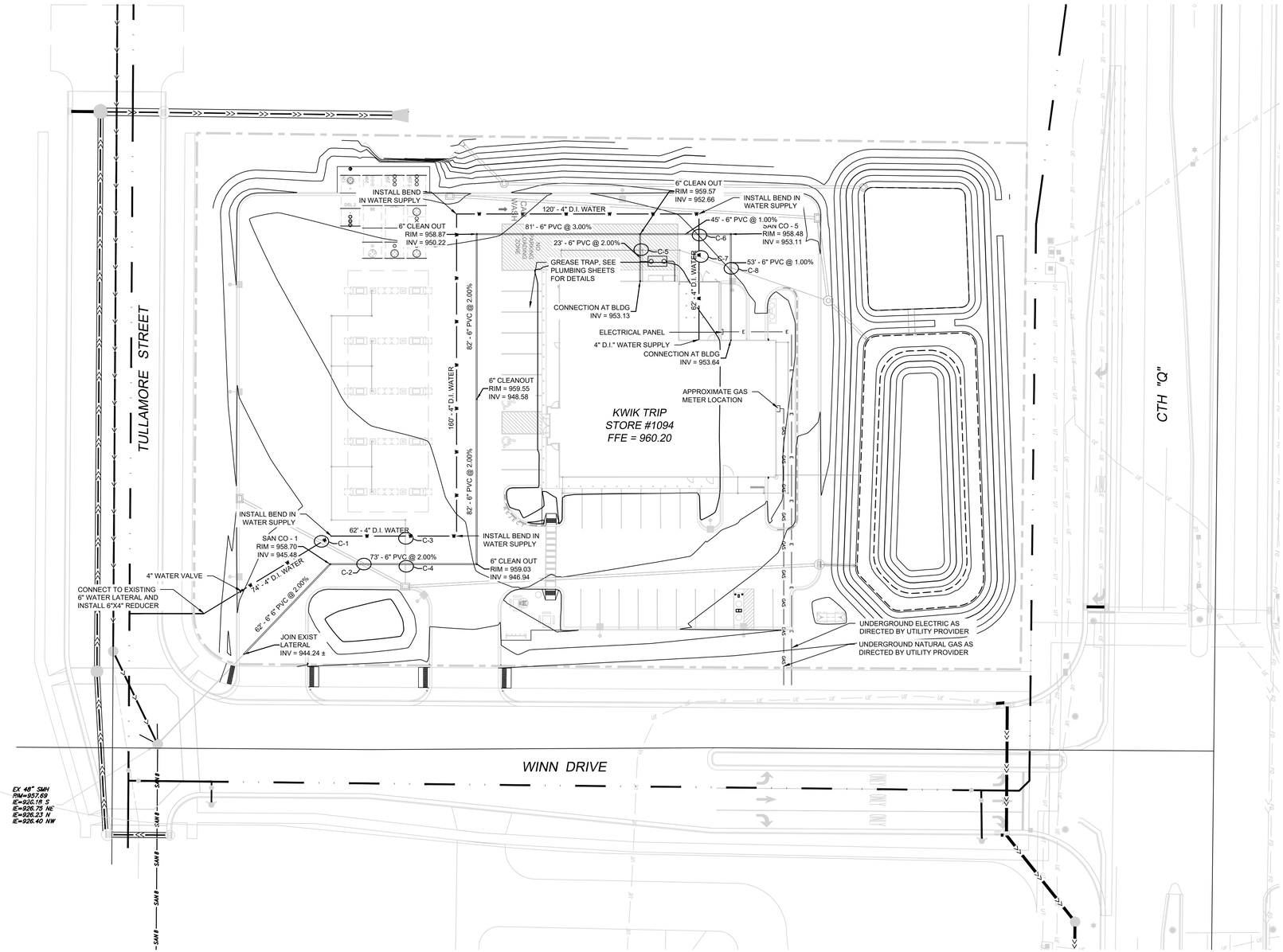
STORM WATER BASIN PLAN

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	SP 3.1



WATER DISTRIBUTION SYSTEM:

1. *BRING ALL SITE UTILITIES TO 5' OUTSIDE OF THE BUILDING LINE WITH THE EXCEPTION OF THE WATER SERVICE. EXTEND WATER SERVICE INTO THE BUILDING AND UP TO THE FLANGE FOR THE WATER METER.*

2. *SEPARATION OF WATER AND SEWER: PROVIDE A MINIMUM HORIZONTAL SEPARATION OF 10 FEET BETWEEN ALL WATER AND SEWER LINES. PROVIDE A MINIMUM SEPARATION OF 18 INCHES AT ALL WATER LINE AND SEWER LINE CROSSINGS.*

3. *WATERMAIN DEPTH: MAINTAIN 7.0 FEET OF COVER OVER THE TOP OF THE WATER LINES TO THE FINISHED GRADE. VERIFY ELEVATION OF PROPOSED AND EXISTING WATER LINES AT ALL UTILITY CROSSINGS. INSTALL THE WATER LINES AT GREATER DEPTHS IN ORDER TO CLEAR STORM SEWERS, SANITARY SEWERS, OR OTHER UTILITIES AS REQUIRED. INCLUDE COSTS TO LOWER WATER LINES IN THE BASE BID.*

4. *TESTING: PRESSURE TEST AND PERFORM BACTERIOLOGICAL TESTS ON ALL WATER LINES UNDER THE SUPERVISION OF THE CITY OF SUSSEX. NOTIFY THE VILLAGE AT LEAST 24 WORKING HOURS PRIOR TO ANY TESTING. PRESSURIZE THE WATERLINE TO 1034-KPA (150-PSI) GAUGE PRESSURE (MEASURED AT THE POINT OF LOWEST ELEVATION) BY MEANS OF A PUMP CONNECTED TO THE PIPE IN A SATISFACTORY MANNER. MAINTAIN THE TEST PRESSURE FOR A MINIMUM OF 2 HOURS. DO NOT ADD WATER TO THE WATERMAIN IN ORDER TO MAINTAIN THE REQUIRED PRESSURE DURING THE WATER MAIN PRESSURE TESTING. THE TEST SECTION OF PIPE IS ACCEPTABLE WITH A PRESSURE DROP OF 14 KPA (2 PSI) OR LESS.*

5. *USE MECHANICAL JOINT RESTRAINT DEVICES FOR JOINT RESTRAINT ON ALL WATERMAIN BENDS HAVING A VERTICAL OR HORIZONTAL DEFLECTION OF 22-1/2 DEGREES OR GREATER, ALL VALVES, STUBS, EXTENSIONS, TEES, CROSSES, PLUGS, ALL HYDRANT VALVES, AND ALL HYDRANTS IN ACCORDANCE WITH CITY REQUIREMENTS. USE "SERIES 1100 MEGALUG" MANUFACTURED BY EBAA IRON INC., EASTLAND, TEXAS, OR APPROVED EQUAL, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS FOR RESTRAINT ON DUCTILE IRON PIPE.*

6. *AT ALL VALVE LOCATIONS WHICH REQUIRE A 12" OR SMALLER VALVE, INSTALL GATE VALVES WHICH ARE OF THE COMPRESSION RESILIENT SEATED (CRS) TYPE. USE AMERICAN FLOW CONTROL'S SERIES 2500 DUCTILE IRON RESILIENT WEDGE GATE VALVE, OR APPROVED EQUAL. GATE VALVES SHALL CONFORM TO AWWA C509. INSTALL CAST IRON VALVE BOXES CONFORMING TO ASTM A48 AT EACH VALVE LOCATION. VALVE BOXES SHALL BE THE THREE-PIECE TYPE WITH 5-1/4" SHAFTS. USE TYLER 6860-G WITH NO. 6 BASE, OR EQUIVALENT. VALVE BOXES SHALL HAVE AT LEAST 6" OF ADJUSTMENT ABOVE AND BELOW FINISHED GRADE. DROP COVERS ON VALVE BOXES SHALL BE ROUND AND BEAR THE WORD "WATER" CAST ON THE TOP. USE TYLER 6860-G "STAYPUT" COVERS WITH EXTENDED SKIRT, OR EQUIVALENT.*

7. *USE MUELLER H 10300 OR FORD EM 2 7057, OR APPROVED EQUAL, AT ALL CURB STOP LOCATIONS. STATIONARY ROD IS REQUIRED ON ALL CURB STOPS.*

8. *WATERMAIN AND LATERALS 4" OR LARGE FOR THE SITE SHALL BE CLASS 52 DUCTILE IRON THAT CONFORM TO THE REQUIREMENTS OF AMERICAN NATIONAL STANDARD FOR DUCTILE IRON PIPE, CENTRIFUGALLY CAST, FOR WATER (ANSI/AWWA C151/A21.51 - LATEST REVISION). PIPE SHALL BE CEMENT LINED, PUSH-ON JOINT, AND BONDING STRAPS TO PROVIDE ELECTRICAL CONDUCTIVITY WITHOUT FIELD WELDING. ALL COMPONENTS SHALL CONFORM WITH CITY OF SUSSEX STANDARD SPECIFICATIONS.*

9. *TRACER WIRE: LOCATING REQUIREMENTS - A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED IN ACCORD WITH THE PROVISIONS OF THE WISCONSIN STATUTES 182.0175(2R) AND THE WISCONSIN DEPARTMENT OF COMMERCE COMM 82.30(11)(H).*

10. *WHERE EXISTING GAS, ELECTRIC, CABLE, OR TELEPHONE UTILITIES CONFLICT WITH THE WORK, COORDINATE THE ABANDONMENT, RELOCATION, OFFSET, OR SUPPORT OF THE EXISTING UTILITIES WITH THE APPROPRIATE LOCAL UTILITY COMPANIES. COORDINATE NEW GAS METER AND GAS LINE INSTALLATION, ELECTRIC METER AND ELECTRIC SERVICE INSTALLATION, CABLE SERVICE, AND TELEPHONE SERVICE INSTALLATION WITH THE LOCAL UTILITY COMPANIES.*

11. *COORDINATE BUILDING UTILITY CONNECTION LOCATIONS AT 5 FT. OUT FROM THE PROPOSED BUILDING WITH THE WITH THE INTERIOR PLUMBING CONTRACTOR PRIOR TO CONSTRUCTION. VERIFY WATER AND SEWER SERVICE LOCATIONS AND ELEVATIONS WITH THE MECHANICAL ENGINEER PRIOR TO CONSTRUCTION.*

12. *THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THIS PLAN ARE FROM RECORD INFORMATION. THE ENGINEER DOES NOT GUARANTEE THAT ALL EXISTING UTILITIES ARE SHOWN OR, IF SHOWN, EXIST IN THE LOCATIONS INDICATED ON THE PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE FINAL VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES (INCLUDING WATER AND SEWER LINES AND APPURTENANCES). NOTIFY THE ENGINEER OF ANY DISCREPANCIES*

SANITARY SEWER:

1. *PIPE: USE SOLID-CORE, SDR-35, ASTM D3034 (OR APPROVED EQUAL) POLYVINYL CHLORIDE (PVC) PLASTIC PIPE FOR ALL DESIGNATED PVC SANITARY SEWER SERVICES. JOINTS FOR ALL SANITARY SEWER SHALL HAVE PUSH-ON JOINTS WITH ELASTOMERIC GASKETS. USE OF SOLVENT CEMENT JOINTS IS ALLOWED FOR BUILDING SERVICES. SOLVENT CEMENT JOINTS IN PVC PIPE MUST INCLUDE USE OF A PRIMER WHICH IS OF CONTRASTING COLOR TO THE PIPE AND CEMENT. PIPE WITH SOLVENT CEMENT JOINTS SHALL BE JOINED WITH PVC CEMENT CONFORMING TO ASTM D2564. LAY ALL PVC PIPE ON A CONTINUOUS GRANULAR BED. INSTALLATION MUST COMPLY WITH ASTM D2321.*

2. *CLEANOUTS: INSTALL CLEANOUTS ON ALL SANITARY SEWER SERVICES. THE DISTANCE BETWEEN CLEANOUTS IN HORIZONTAL PIPING SHALL NOT EXCEED 100 FEET FOR PIPES 4-INCH AND OVER IN SIZE. CLEANOUTS SHALL BE OF THE SAME NOMINAL SIZE AS THE PIPES THEY SERVE. INCLUDE FROST SLEEVES AND CONCRETE FRAME AND PIPE SUPPORT. INSTALL A METER BOX FRAME AND SOLID LID (NEENAH R-1914-A, OR APPROVED EQUAL) OVER ALL CLEANOUTS.*

3. *TESTING: PRESSURE TEST ALL SANITARY SEWER LINES. TEST ALL FLEXIBLE SANITARY SEWER LINES FOR DEFLECTION AFTER THE SEWER LINE HAS BEEN INSTALLED AND BACKFILL HAS BEEN IN PLACE FOR AT LEAST 30 DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5%. IF THE TEST FAILS, MAKE NECESSARY REPAIRS AND RETEST.*

4. *UNLESS OTHERWISE INDICATED, USE REINFORCED, PRECAST, CONCRETE MAINTENANCE HOLES CONFORMING TO ASTM C478, FURNISHED WITH PRECAST BASES. SANITARY SEWER MAINTENANCE HOLES SHALL BE SUPPLIED WITH PRE-FORMED INVERTS AND FLEXIBLE NEOPRENE SLEEVE CONNECTIONS FOR ALL LATERAL LINES 375 MM (15 INCHES) IN DIAMETER OR LESS, UNLESS OTHERWISE INDICATED. JOINTS FOR ALL PRECAST MAINTENANCE HOLE SECTIONS SHALL HAVE CONFINED, RUBBER "O"-RING GASKETS IN ACCORDANCE WITH ASTM C923. THE INSIDE BARREL DIAMETER SHALL NOT BE LESS THAN 48 INCHES.*

5. *INSTALL FLEXIBLE WATERTIGHT FRAME/CHIMNEY SEALS ON ALL SANITARY SEWER MAINTENANCE HOLES. USE EITHER MANUFACTURED MAINTENANCE HOLE FRAME/CHIMNEY SEALS OR ELASTOMERIC WATERPROOFING FRAME/CHIMNEY SEALS.*

6. *USE NEENAH FOUNDRY CO. R-1642 CASTING WITH SELF-SEALING, SOLID, TYPE B LID, OR APPROVED EQUAL, ON ALL SANITARY SEWER MAINTENANCE HOLES. COVERS SHALL BEAR THE "SANITARY SEWER" LABEL.*

7. *THE MINIMUM DEPTH OF COVER FOR SANITARY SEWER WITHOUT INSULATION IS 5 FEET. INSULATE SANITARY SEWER SERVICES AT LOCATIONS WHERE THE DEPTH OF COVER IS LESS THAN 5 FEET. PROVIDE A MINIMUM INSULATION THICKNESS OF 2 INCHES. THE INSULATION MUST BE AT LEAST 4 FEET WIDE AND CENTERED ON THE PIPE. INSTALL THE INSULATION BOARDS 6 INCHES ABOVE THE TOPS OF THE PIPES ON MECHANICALLY COMPACTED AND LEVELED PIPE BEDDING MATERIAL. USE HIGH DENSITY, CLOSED CELL, RIGID BOARD MATERIAL EQUIVALENT TO DOW STYROFOAM HI-40 PLASTIC FOAM INSULATION.*

8. *TRACER WIRE: LOCATING REQUIREMENTS - A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED IN ACCORD WITH THE PROVISIONS OF THE WISCONSIN STATUTES 182.0175(2R) AND THE WISCONSIN DEPARTMENT OF COMMERCE COMM 82.30(11)(H).*

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SANITARY SEWER STRUCTURE SCHEDULE

STRUCT #	CASTING	STRUCT TYPE	RIM EL	INV. EL	DEPTH
SAN CO - 1	NONE	6" CLEANOUT	958.70	945.48	13.22'
SAN CO - 2	NONE	6" CLEANOUT	959.29	946.94	12.35'
SAN CO - 3	NONE	6" CLEANOUT	958.87	950.22	8.65'
SAN CO - 4	NONE	6" CLEANOUT	959.57	952.66	6.91'
SAN CO - 5	NONE	6" CLEANOUT	958.48	953.11	5.37'

CRITICAL UTILITY CROSSING TABLE

CROSSING NUMBER	INVERT OF TOP PIPE	CROWN OF BOTTOM PIPE	CLEARANCE
C-1	ST = 954.16 ±	W = 951.76 ±	2.40'
C-2	ST = 954.03 ±	SS = 946.31 ±	7.72'
C-3	ST = 954.56 ±	W = 951.60 ±	2.96'
C-4	ST = 954.48 ±	SS = 946.73 ±	7.75'
C-5	ST = 954.42 ±	SS = 953.30 ±	1.12'
C-6	SS = 952.95 ±	W = 952.27 ±	0.68' - DIP WATER
C-7	ST = 954.17 ±	W = 952.39 ±	1.78'
C-8	ST = 954.09 ±	SS = 953.80 ±	0.29'

NOTE:
CONTRACTOR SHALL MAINTAIN APPROPRIATE SEPARATION PER WISCONSIN STANDARDS BETWEEN UTILITIES.

SS = SANITARY SEWER
ST = STORM SEWER
W = WATER

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TOLL FREE

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

0 30 60
SCALE: 1" = 30'

PLOTTING NOTE: PLANS PLOTTED TO 11X17 SHEET SIZE ARE ½ SCALE – 1"=60'

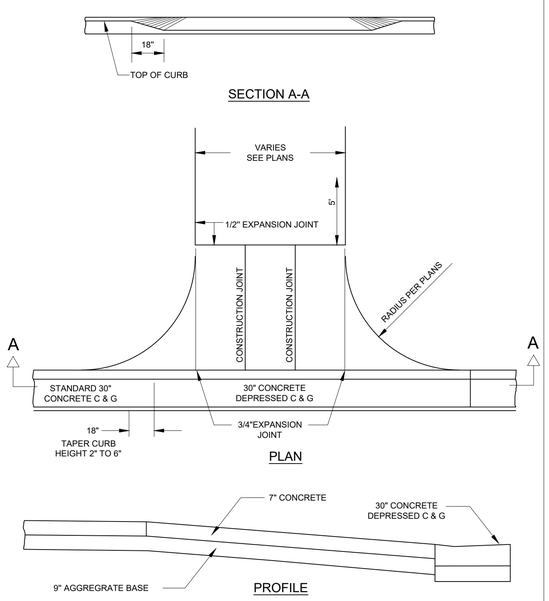
UTILITY PLAN

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

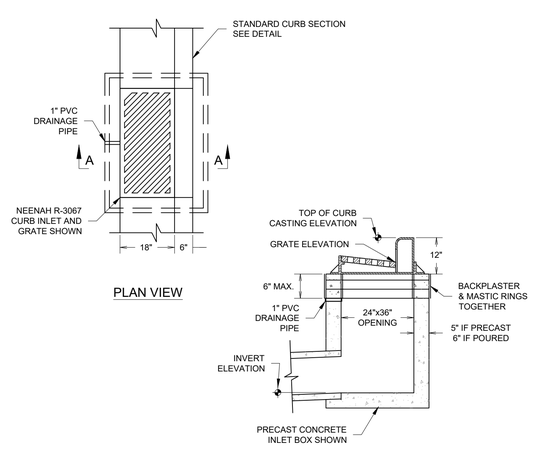
DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	SP 4.0



NOTE: DRIVEWAY CONSTRUCTION PER SPECIFICATION OF CITY, COUNTY AND STATE. OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING CONSTRUCION WORK. REFER TO GRADE PLAN FOR ALL APPROACH RELATED GRADES AND NOTES.

1 / SP5.0 URBAN COMMERCIAL DRIVEWAY DETAIL

NOT TO SCALE



NOTES:
- TOP OF CURB AND PIPE INVERT ELEVATIONS ARE SHOWN ON THE PLANS.

- THE GRATE ELEVATION SHALL BE DEPRESSED 0.1' FROM STRAIGHT GUTTER GRADE STARTING 5' FROM THE INLET AND EXTENDING IN BOTH DIRECTIONS.

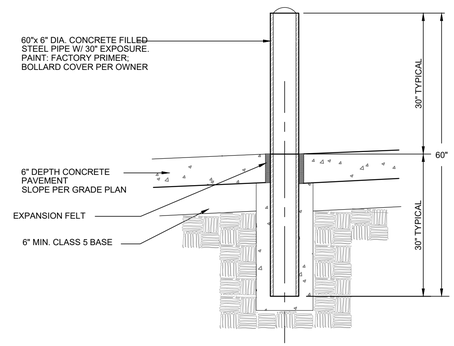
- THE CASTING SHALL BE NEENAH FOUNDRY R-3067 CURB INLET WITH REVERSIBLE GRATES WHERE RUNOFF REACHES THE INLET FROM BOTH DIRECTIONS. WHERE RUNOFF REACHES THE INLET FROM ONE DIRECTION A NEENAH R-3067-L CASTING SHALL BE USED. DIRECTIONAL SLOTS TO BE LOCATED TO DIRECT THE FLOW INTO THE STREET INLET.

- MASTIC BETWEEN RINGS AND BACKPLASTER A SMOOTH LAYER OF GROUT OVER THE ENTIRE INNER AND OUTER SURFACES OF THE RINGS.

2 / SP5.0 STANDARD 2' X 3' STORM SEWER CATCHBASIN - RECTANGULAR INLET

NOT TO SCALE

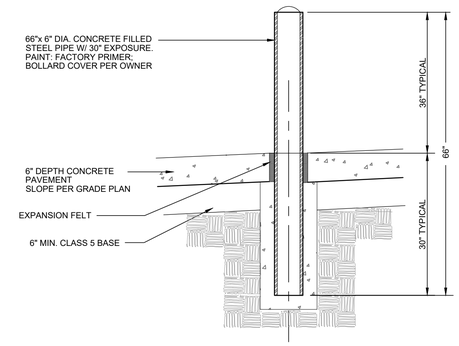
NOTE: SEE ARCHITECTURAL PLANS FOR REMOVABLE BOLLARD LOCATION AND DETAIL



3 / SP5.0 60" X 6" DIAMETER PIPE BOLLARD

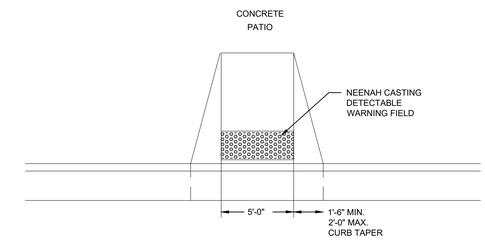
NOT TO SCALE

NOTE: SEE ARCHITECTURAL PLANS FOR REMOVABLE BOLLARD LOCATION AND DETAIL



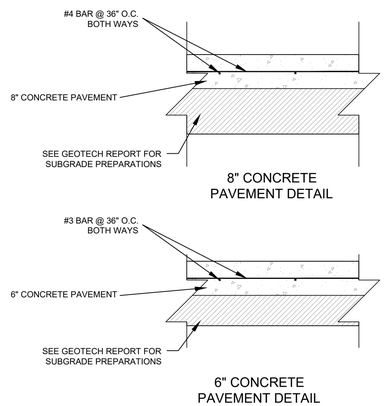
6 / SP5.0 66" X 6" DIAMETER PIPE BOLLARD

NOT TO SCALE



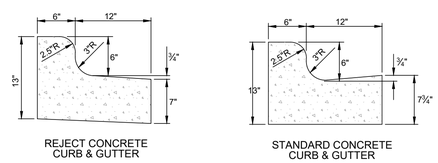
9 / SP5.0 CONCRETE ADA RAMP DETAIL

NOT TO SCALE



4 / SP5.0 CONCRETE PAVEMENT SECTIONS

NOT TO SCALE



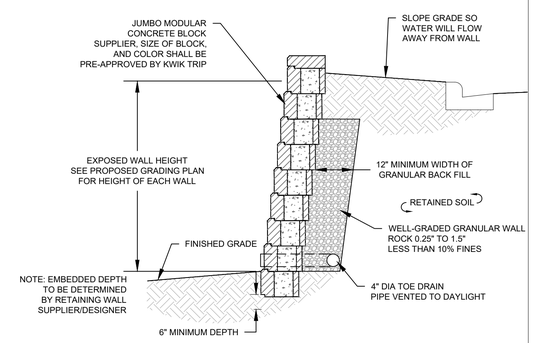
NOTES:

LATERAL CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 15' NOR LESS THAN 6' IN LENGTH. THE JOINTS SHALL BE A MINIMUM OF 3" IN DEPTH EXPANSION JOINTS SHALL BE PLACED TRANSVERSELY AT RADIUS POINTS ON CURVES OF RADIUS 200' OR LESS, AND AT ANGLE POINTS, OR AS DIRECTED BY THE ENGINEER.

THE EXPANSION JOINT SHALL BE A ONE PIECE ASPHALTIC MATERIAL HAVING THE SAME DIMENSIONS AS CURB & GUTTER AT THAT STATION AND BE 1/2" THICK. IN ALL CASES, CONCRETE CURB & GUTTER SHALL BE PLACED ON THOROUGHLY COMPACTED CRUSHED STONE.

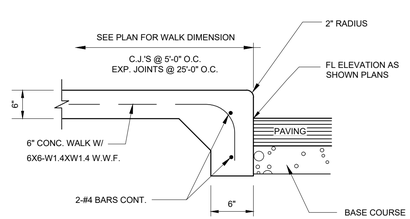
7 / SP5.0 CONCRETE CURB AND GUTTER

NOT TO SCALE

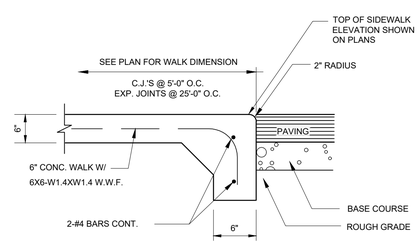


10 / SP5.0 BLOCK RETAINING WALL

NOT TO SCALE



5 / SP5.0 THICKENED EDGE SIDEWALK



8 / SP5.0 SIDEWALK/ CURB DETAIL

NOT TO SCALE

11 / SP5.0 NOT USED

NOT TO SCALE

KWIK TRIP

KWIK STAR

KWIK TRIP, Inc.
P.O. BOX 2107
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SNYDER & ASSOCIATES
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MADISON, WISCONSIN 53718
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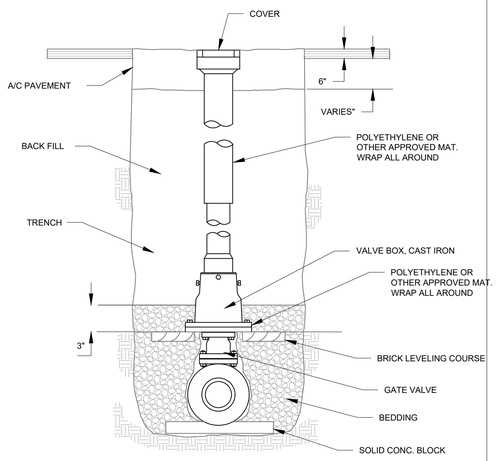
MISC. DETAILS

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	SP 5.0



NOTES:
- SOLID CONCRETE BLOCKS SHALL BE USED. HARDWOOD BLOCKS ARE PROHIBITED.

- VALVES SHALL BE SECURED WITH RODDING OR MEGALUGS TO THE NEAREST "TEE" FITTING OR TO THE FIRST JOINT CONNECTING A FULL SECTION OF WATER MAIN PIPE.

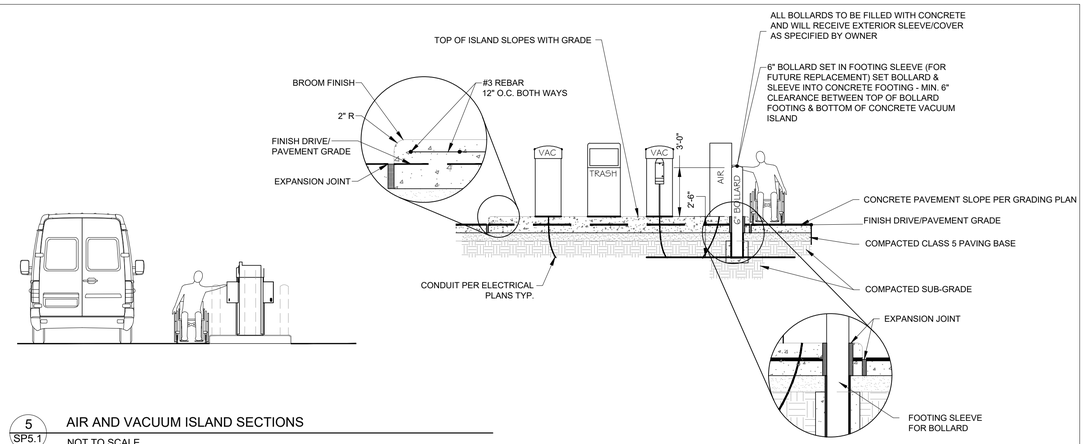
1 SP5.1 WATER VALVE DETAIL

3 SP5.1 NOT USED

NOT TO SCALE

4 SP5.1 NOT USED

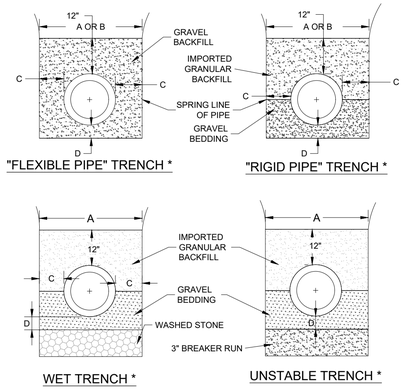
NOT TO SCALE



5 SP5.1 AIR AND VACUUM ISLAND SECTIONS

NOT TO SCALE

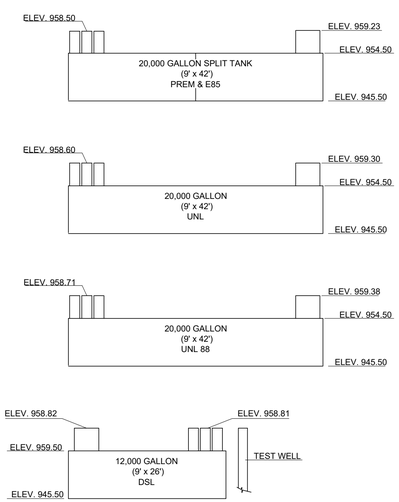
DIMENSIONS:
A: OUTSIDE DIAMETER OF PIPE PLUS 24" (MAXIMUM)
B: FOR ROCK, OUTSIDE DIAMETER OF PIPE PLUS 18" (MAXIMUM)
C: MINIMUM - 6"
D: 4" BELOW BARREL AND 3" BELOW BELL; IN ROCK, 6" BELOW BARREL



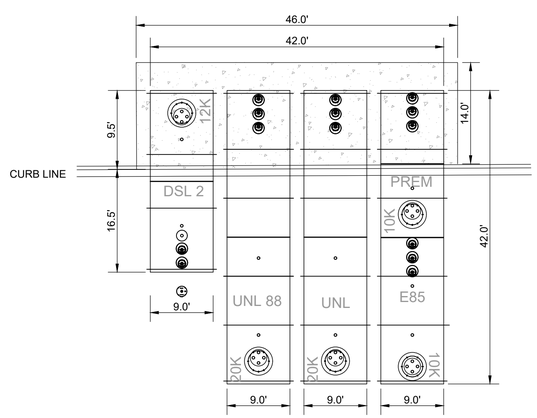
"RIGID PIPE" INCLUDES REINFORCED CONCRETE PIPE AND DUCTILE IRON PIPE ONLY. ALL OTHER PIPE MATERIALS SHALL BE CONSIDERED "FLEXIBLE PIPE". THE WET TRENCH AND UNSTABLE TRENCH DETAILS ARE DRAWN SHOWING A "RIGID PIPE" TRENCH INSTALLATION.

7 SP5.1 SANITARY/WATER MAIN BEDDING

NOT TO SCALE



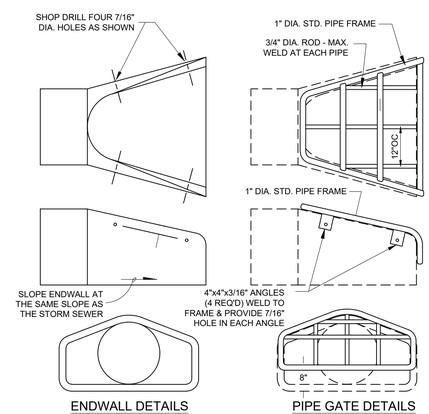
ELEVATION LAYOUT DIAGRAM



TANK LAYOUT DIAGRAM

2 SP5.1 TANK LAYOUT

NOT TO SCALE



ENDWALL DETAILS

PIPE GATE DETAILS

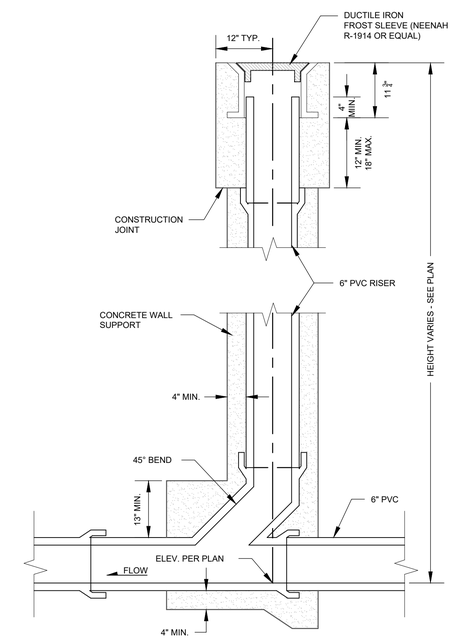
NOTES:
- THE CONTRACTOR SHALL BOLT THE PIPE GATE TO THE CONCRETE ENDWALL WITH FOUR 3/8"x6" MACHINE BOLTS WITH NUTS ON INSIDE WALL.

PAINTING SPECIFICATIONS:
- THE PIPE GATE SHALL RECEIVER THE FOLLOWING PREPARATION & PAINTING. THE FIRST COAT SHALL BE RUS-OLEUM X-60 RED BARE METAL PRIMER OR APPROVED EQUAL. THE SECOND COAT SHALL BE RUST-OLEUM 960 ZINC CHROMATE PRIMER OR APPROVED EQUAL. THE THIRD COAT SHALL BE RUS-OLEUM 1282 HIGH GLOSS METAL FINISH OR APPROVED EQUAL.

PREPARATION STEPS:
1. BARE METAL SURFACES - TREAT WITH THE THREE-COAT PAINTING SYSTEM LISTED AFTER A THOROUGH SCRAPING, WIRE BRUSHING & CLEANING.
2. EACH COAT OF PAINT SHALL BE APPLIED OVER THE ENTIRE GATE SURFACE.
3. ALLOW 24-48 HOURS DRYING TIME AT 60° OR ABOVE BETWEEN COATS.

6 SP5.1 ENDWALL GRATE DETAIL

NOT TO SCALE



8 SP5.1 SANITARY CLEANOUT

NOT TO SCALE

KWIK TRIP

KWIK STAR

KWIK TRIP, Inc.
P.O. BOX 2107
1626 OAK STREET
LA CROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8960

SNYDER & ASSOCIATES
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444

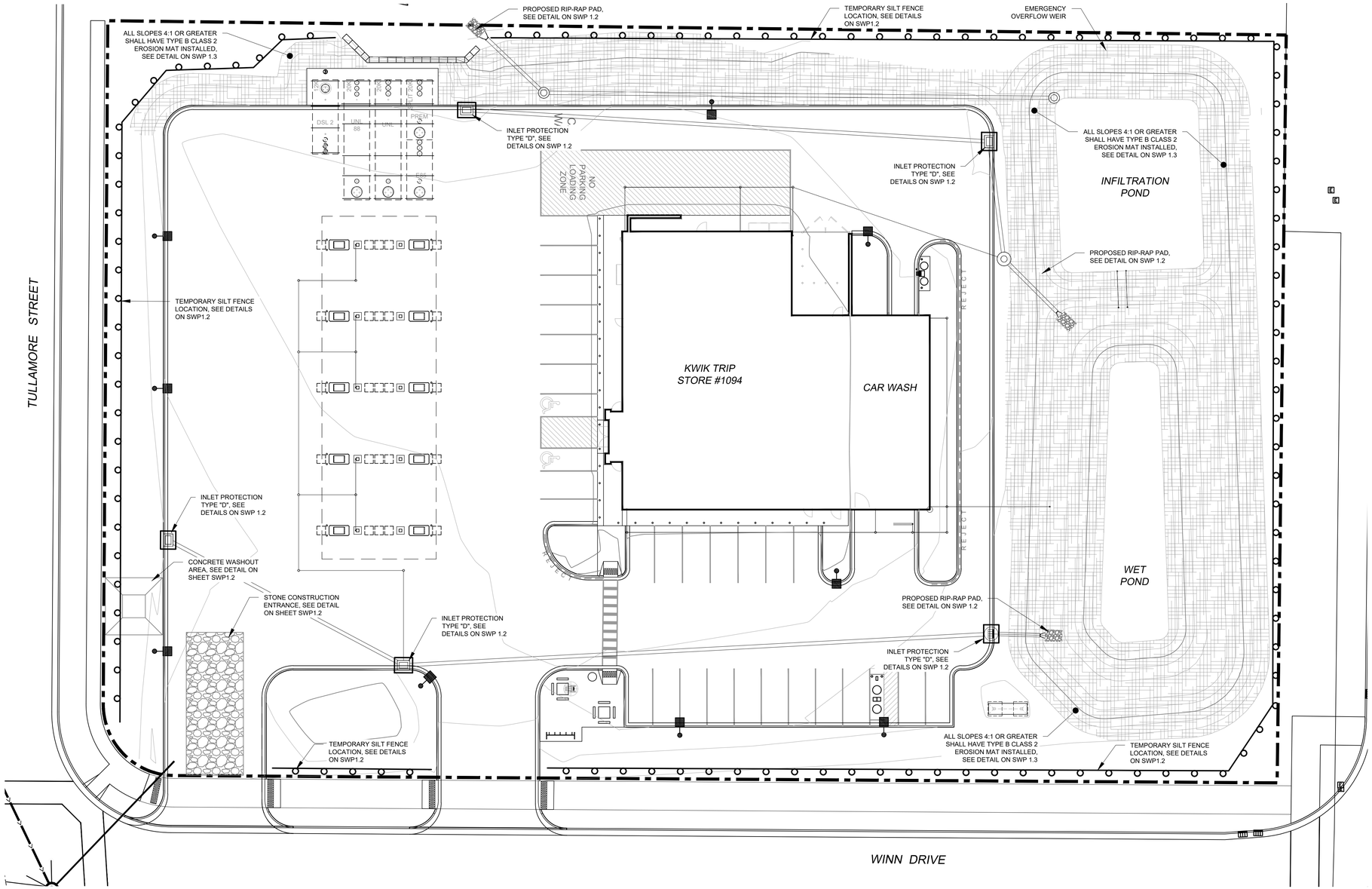
MISC. DETAILS

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	SP 5.1



CONSTRUCTION SEQUENCE

*INSTALL EROSION/SEDIMENT CONTROL MEASURES

*INSTALL STORMWATER MANAGEMENT SEDIMENT BASINS

*INSTALL STORM SEWER

*INSTALL STRUCTURES

*INSTALL PAVEMENTS

*INSTALL LAWN/ LANDSCAPE

*FLUSH STORM SEWER

*REMOVE EROSION CONTROL MEASURES ONLY AFTER ALL PAVEMENTS HAVE BEEN INSTALLED AND ALL SOILS HAVE BEEN STABILIZED

PROJECT DATA

SITE AREA DATA	108,182 SQ.FT.
DISTURBED AREA	165,952 SQ.FT.
PRE-CONSTRUCTION IMPERVIOUS AREA	0 SQ.FT.
POST-CONSTRUCTION IMPERVIOUS AREA	63,707 SQ.FT.

SOIL DATA
SURFACE SOIL — CONCRETE W/ GRAVEL BASE OVER FILL

ESTIMATED PRELIMINARY EROSION CONTROL QUANTITIES
(ACTUAL QUANTITIES SUBJECT TO CHANGE)

ITEM	QUANTITY
ROCK CONSTRUCTION ENTRANCE	1 EA.
EROSION MAT - CLASS 1, TYPE A	2,285 S.Y.
SILT FENCE	1,125 L.F.
INLET PROTECTION, TYPE A	0 EA.
INLET PROTECTION, TYPE D	5 EA.
RIP-RAP	20 C.Y.

NOTE: FOR MAINTENANCE PURPOSES CONTRACTOR SHALL SUPPLY ALL SUFFICIENT QUANTITIES FOR REPAIR AND REPLACEMENT OF EROSION CONTROL DEVICES THROUGHOUT ALL PHASES OF THE PROJECTS CONSTRUCTION.

KWIK TRIP, Inc.
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SNYDER & ASSOCIATES
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444

0 20 40
SCALE: 1" = 20'

PLOTTING NOTE: PLANS PLOTTED TO 11X17 SHEET SIZE ARE ½ SCALE - 1" = 40'

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

EROSION CONTROL PLAN

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	SWP 1.0

GENERAL STORMWATER POLLUTION PREVENTION:

APPLY FOR AND OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION ACTIVITY.

STORMWATER POLLUTION PREVENTION PLAN (SWPPP): THE SWPPP INCLUDES THIS NARRATIVE, PLAN SHEETS SP3, SP3.1 AND SP3.2, AND THE STORMWATER MANAGEMENT CALCULATIONS. KEEP A COPY OF THE SWPPP, ALL CHANGES TO IT, AND INSPECTIONS AND MAINTENANCE RECORDS AT THE SITE DURING THE CONSTRUCTION. DURING THE CONSTRUCTION PROCESS THE SWPPP WILL HAVE TO BE AMENDED FOR ALL CHANGES PERFORMED BY THE CONTRACTOR. THE OWNER SHALL BE AWARE OF THE AMENDMENTS PRIOR TO CHANGES MADE TO THE SWPPP PLAN. ALL NOTES, PHOTOGRAPHS, RECORDED DATES, SKETCHES, REFERENCES, AND DIAGRAMS WILL HAVE TO BE RECORDED AND MADE AVAILABLE AS PART OF THE SWPPP PERMIT.

INDIVIDUAL(S) PREPARING THE SWPPP FOR THE PROJECT, OVERSEEING IMPLEMENTATION OF THE SWPPP, REVISING AND AMENDING THE SWPPP, AND AT LEAST ONE INDIVIDUAL ON THE PROJECT PERFORMING INSTALLATION, INSPECTION, MAINTENANCE, AND REPAIRS OF BMP'S MUST BE TRAINED. THE TRAINING MUST BE DONE BY A LOCAL, STATE, FEDERAL AGENCIES; PROFESSIONAL ORGANIZATION; OR OTHER ENTITIES WITH EXPERTISE IN EROSION PREVENTION, SEDIMENT CONTROL, OR PERMANENT STORMWATER MANAGEMENT.

RESPONSIBLE PARTIES: THE CONTRACTOR MUST DESIGNATE A PERSON KNOWLEDGEABLE AND EXPERIENCED IN THE APPLICATION OF EROSION PREVENTION AND SEDIMENT CONTROL BMPS WHO WILL OVERSEE THE IMPLEMENTATION OF THE SWPPP, AND THE INSTALLATION, INSPECTION, AND MAINTENANCE OF THE EROSION PREVENTION AND SEDIMENT CONTROL BMPS BEFORE AND DURING CONSTRUCTION.

THE OWNER IS RESPONSIBLE FOR IDENTIFYING WHO WILL HAVE RESPONSIBILITY FOR THE LONG TERM OPERATION AND MAINTENANCE OF THE PERMANENT STORMWATER MANAGEMENT SYSTEMS.

OWNER CONTACT:

NAME: BRAD FRY

COMPANY: KWIK TRIP INC.

ADDRESS: KWIK TRIP, INC. - STORE ENGINEERING
1626 OAK STREET, P.O. BOX 2107
LA CROSSE, WI 54602

TELEPHONE: (608) 793-6414

SITE INVESTIGATION, INSTALLATION, IMPLEMENTATION :

PRIOR TO ANY WORK, CONTRACTOR SHALL VISIT THE SITE, DOCUMENT EXISTING CONDITIONS AS NECESSARY(PHOTOS, NOTES, ETC) AND NOTE EXISTING DRAINAGE PATTERNS ON AND OFF SITE THAT ARE RELATED TO THE PROJECT. THESE NOTES SHALL BE PART OF THE SWPP.

INSTALL ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES INCLUDING SILT FENCE, ROCK CONSTRUCTION ENTRANCE(S), EROSION CONTROL BERMS, ROCK FILTERS, SILT SACKS, ROCK /EARTH BERMS, AND SEDIMENTATION BASINS. PROTECT ALL RECEIVING WATERS, CATCH BASINS, DITCHES, INLETS ETC. IN AND AROUND THE SITE. ALL PROTECTIVE AND PREVENTATIVE MEASURES MUST BE IN PLACE AND INSPECTED PRIOR TO BEGINNING SITE CLEARING, GRADING, OR OTHER LAND-DISTURBING ACTIVITY.

PRIOR TO BEGINNING SITE CLEARING AND GRADING, PROTECT ALL STORM SEWER INLETS THAT RECEIVE RUNOFF FROM DISTURBED AREAS. IN ORDER TO PREVENT SEDIMENT FROM LEAVING THE SITE AND ENTERING THE DOWNSTREAM STORM SEWER SYSTEM, SEAL ALL STORM SEWER INLETS THAT ARE NOT NEEDED FOR SITE DRAINAGE DURING CONSTRUCTION. PROTECT ALL OTHER STORM SEWER INLETS BY INSTALLING SEDIMENT CONTROL DEVICES, SUCH AS SILT SACKS, OR ROCKED FILTRATION LOGS/WIERS. STRAW BALES OR FABRIC UNDER THE GRATES ARE NOT ACCEPTABLE FORMS OF INLET PROTECTION. PROTECT NEW STORM SEWER INLETS AS THEY ARE COMPLETED. MAINTAIN STORM SEWER INLET PROTECTION IN PLACE UNTIL ALL SOURCES WITH POTENTIAL FOR DISCHARGING TO THE INLETS ARE STABILIZED.

BEFORE BEGINNING CONSTRUCTION, INSTALL A TEMPORARY ROCK CONSTRUCTION ENTRANCE AT EACH POINT WHERE VEHICLES EXIT THE CONSTRUCTION SITE WHEN AT ALL POSSIBLE CONTRACTOR SHALL DESIGNATE ONLY ONE ACCESS POINT FOR VEHICLES ENTERING AND EXITING THE SITE. THE ROCK ON THE ENTRANCE WILL HAVE TO BE INSPECTED DAILY AND REPLACED OR ROCK SUPPLEMENTED BY THE CONTRACTOR WHEN OVER 50% OF THE VOIDS IN THE ROCK ARE FILLED. A CLEANING STATION SHOULD BE MADE AVAILABLE TO DRIVERS AND VISIBLY SIGNED AS SUCH. PROVIDE SHOVELS, BROOMS AND/OR HOSE WITH A WASH OUT AREA SO SOILS CAN BE REMOVED FROM VEHICLES ON SITE.

AVOID ENTIRE REMOVAL OF TREES AND SURFACE VEGETATION ALL AT ONCE WHENEVER POSSIBLE AS THIS LIMITS THE AMOUNT OF SITE SUSCEPTIBLE TO EROSION. SCHEDULE CONSTRUCTION ZONES AND NOTE THIS ON THE SWPP PLAN IN ORDER TO EXPOSE THE SMALLEST PRACTICAL AREA OF SOIL AT ANY GIVEN TIME. UTILIZE VEGETATION REMOVED BY ON SITE GRINDING AND MULCHING AND USING THIS MATERIAL TO PROTECT THE SOIL FROM EROSION.

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, COMPLETE PERMANENT OR TEMPORARY STABILIZATION AGAINST EROSION DUE TO RAIN, WIND, AND RUNNING WATER WITHIN 7 CALENDAR DAYS ON ALL DISTURBED OR GRADED AREAS. THIS REQUIREMENT DOES NOT APPLY TO THOSE AREAS THAT ARE CURRENTLY BEING USED FOR MATERIAL STORAGE ON A DAILY BASIS OR FOR THOSE AREAS ON WHICH GRADING, SITE BUILDING, OR OTHER CONSTRUCTION ACTIVITIES ARE ACTIVELY UNDERWAY. PROVIDE TEMPORARY COVER ON ALL STACKED TOPSOIL PILES, AND OTHER AREAS OF STOCKPILED EXCAVATED MATERIAL IN ORDER TO PREVENT SOIL EROSION AND RAPID RUNOFF DURING THE CONSTRUCTION PERIOD. STOCKPILES CAN BE MULCHED,COVERED WITH POLY OR FABRIC, AND OR SEEDED DURING PROLONGED EXPOSURE. PROLONGED PERIODS OF OPEN, BARE EARTH WITHOUT GRASS COVER WILL NOT BE PERMITTED. STABILIZE ALL DISTURBED GREENSPACE AREAS WITH A MINIMUM OF 4" TOPSOIL IMMEDIATELY AFTER FINAL SUBGRADE COMPLETION. SEED AND MULCH, OR SOD AND PROTECT THESE AREAS WITHIN 48 HOURS AFTER COMPLETION OF FINAL GRADING WORK (WEATHER PERMITTING). STABILIZE ALL DISTURBED AREAS TO BE PAVED USING EARLY APPLICATION OF GRAVEL BASE. STABILIZE THE NORMAL WETTED PERIMETER OF ANY TEMPORARY OR PERMANENT DRAINAGE DITCH THAT CONVEYS WATER FROM THE CONSTRUCTION SITE, OR DIVERTS WATER AROUND THE CONSTRUCTION SITE, WITHIN 200 LINEAL FEET FROM THE PROPERTY EDGE, OR WITHIN 200 FEET FROM THE POINT OF DISCHARGE TO ANY SURFACE WATER. STABILIZE TEMPORARY OR PERMANENT DRAINAGE DITCHES WITHIN 24 HOURS OF CONNECTING TO A SURFACE WATER. PROTECT OUTFALLS MINIMUM OF 200FEET DOWN STREAM AND TO THE SIDE OF THE DISCHARGE POINT. ADDITIONAL SETTLING "POTS" ACHIEVED BY FILTER LOGS OR FILTERED STICK BALES STAKED IN THE CHANNEL WILL DISSIPATE THE WATER ENERGY. PROVIDE PIPE OUTLETS WITH TEMPORARY OR PERMANENT ENERGY DISSIPATION WITHIN 24 HOURS OF CONNECTION TO A SURFACE WATER.

RECEIVING WATERS - IT IS THE CONTRACTORS RESPONSIBILITY TO INSPECT THE SITE DISCHARGE POINT AS WELL AS DOWNSTREAM TO THE RECEIVING BODY OF WATER(POND, LAKE, STREAM, ETC.) ON A REGULAR BASIS INCLUDING AFTER EACH STORM EVENT AND DOCUMENT IF ANY DIFFERENCES OR CHANGES IN NORMAL IN DISCHARGE AND IF MATERIAL IS LEAVING THE CONSTRUCTION SITE. IF SO IT SHALL BE DOCUMENTED AND REMOVED IMMEDIATELY.

NOTE: ALL EROSION AND SEDIMENT CONTROL DEVICES WILL BE CHECKED BY THE CONTRACTOR AFTER EACH STORM EVENT AND BE MAINTAINED, OR IMPROVED UPON AFTER EVERY STORM EVENT TO ENSURE ADEQUATE PERFORMANCE.

POLLUTION CONTROL:

DESIGNATE A CONCRETE WASH-OUT AND TRUCK WASH AREA:
MAKE IT VISIBLE IN THE FIELD TO VEHICLE OPERATORS AND NOTE THIS ON THE SWPP PLAN.

WHEN WASHOUTS OCCUR ON THE SITE, CONCRETE WASHOUT WATER MUST BE CONTAINED IN A LEAK-PROOF CONTAINMENT FACILITY OR IMPERMEABLE LINER. LIQUID AND SOLID WASTES MAY NOT TOUCH THE GROUND AND THERE MUST NOT BE RUNOFF FROM THE CONCRETE WASHOUT OPERATIONS OR AREAS.

ON SITES WHERE CONCRETE WASHOUT AREAS ARE NOT FEASIBLE AS SHOWN ON THE DETAIL SHEET, ABOVE GROUND METHODS AND/OR OFF-SITE METHODS CAN BE UTILIZED AS APPROVED BY OWNER.

CONCRETE WASHOUT MAY BE PROVIDED OFF-SITE BY CONCRETE CONTRACTOR OR CONCRETE SUPPLIER, AT AN APPROVED WASHOUT DISPOSAL AREA. CONCRETE SUPPLIER MAY PROVIDE CONCRETE WASHOUT AREAS ON-BOARD THEIR TRANSPORTS FOR DISPOSAL OFF-SITE. CONCRETE CONTRACTOR SHALL VERIFY WITH SUPPLIER IN REGARDS TO PROVIDED CONCRETE WASHOUT AREAS ON AND OFF-SITE, AS NECESSARY.

LIMIT EXTERNAL WASHING OF TRUCKS AND OTHER CONSTRUCTION VEHICLES TO A DEFINED AREA PREFERABLY BEFORE THE CONSTRUCTION ACCESS/EXIT POINT. WASH VEHICLES ONLY ON AN AREA STABILIZED WITH STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. CONTAIN RUNOFF AND PROPERLY DISPOSE OF WASTE. ENGINE DEGREASING IS PROHIBITED.

SOLID WASTE: PROPERLY DISPOSE OF COLLECTED SEDIMENT, ASPHALT AND CONCRETE MILLINGS, FLOATING DEBRIS, PAPER, PLASTIC, FABRIC, CONSTRUCTION AND DEMOLITION DEBRIS, AND OTHER WASTES IN COMPLIANCE WITH STATE REQUIREMENTS.

HAZARDOUS MATERIALS: PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE DEBRIS, CLEANING WASTES, OIL, GASOLINE, PAINT, WASTEWATER, TOXIC MATERIALS, AND HAZARDOUS MATERIALS) OFF-SITE. DO NOT ALLOW WASTE AND UNUSED BUILDING MATERIALS TO BE CARRIED BY RUNOFF INTO A RECEIVING CHANNEL OR STORM SEWER SYSTEM. PROPERLY STORE OIL, GASOLINE, PAINT, AND OTHER HAZARDOUS MATERIALS IN ORDER TO PREVENT SPILLS, LEAKS, OR OTHER DISCHARGE. INCLUDE SECONDARY CONTAINMENT. RESTRICT ACCESS TO STORAGE AREAS IN ORDER TO PREVENT VANDALISM. STORAGE AND DISPOSAL OF HAZARDOUS MATERIALS MUST BE IN COMPLIANCE WITH REGULATIONS.

MACHINERY: AND MECHANIZED EQUIPMENT THAT LEAKS WASTE SHALL HAVE A PROTECTIVE BARRIER OR CONTAINMENT UNDER THE DEVICE ADEQUATE TO CONTAIN THE WASTE. PROPERLY DISPOSE OF THE WASTE.

EMERGENCY SPILL STATION: CONTRACTOR SHALL LOCATE AND SIGN AN EMERGENCY SPILL STATION THAT HAS NECESSARY CONTAINMENT OR CLEANUP DEVICES FOR ALL WORKERS TO ACCESS.

EROSION CONTROL :

APPLY NECESSARY MOISTURE TO THE CONSTRUCTION AREA AND HAUL ROADS TO PREVENT THE SPREAD OF DUST.

CONTRACTOR SHALL UTILIZE COARSELY GROUND WOOD AND TREE MULCHES TO COVER EXPOSED SOILS. MULCHES SHALL BE SPORED ON SITE TO SUPPLEMENT AND USE IN PROBLEM AREAS DURING ALL PHASES OF THE CONSTRUCTION PROJECT.

CONTRACTOR SHALL USES STAR TACK OR OTHER ORGANIC SUBSTANCES IN SITUATIONS TO PREVENT SOIL FROM ERODING AWAY BY WIND OR RAIN.

WHENEVER POSSIBLE CONTRACTOR SHALL GRADE AREAS OF SOIL TO LIMIT POTENTIAL OF EROSION, TO INCLUDE TRACKING PERPENDICULAR TO FALL LINE OF GRADES AS WELL AS DIVERTING WATER FLOWS FROM PROBLEMATIC AREAS ON THE SITE.

SEEDING, FIBER BLANKETS, POLY/TARPS OR COVER MULCHES, DISKED MULCHES AND COMPOST CAN BE USED TO COVER TEMPORARILY EXPOSED AREAS FROM WIND AND RAIN. OTHER METHODS BY THE CONTRACTOR SHALL BE DOCUMENTED IN THE SWPP.

SEDIMENT CONTROL:

ALL INLET PROTECTION SHALL BE TYPE - D AND ON THE WISCONSIN EROSION CONTROL PRODUCT ACCEPTABILITY LIST (PAL)

SILT FENCE:
INSTALL AND MAINTAIN PER WIDNR CONSERVATION PRACTICE STANDARD 1056.

INSTALL SILT FENCE ALONG THE CONTOUR (ON A LEVEL HORIZONTAL PLANE) WITH THE ENDS TURNED UP (J-HOOKS) IN ORDER TO HELP POND WATER BEHIND THE FENCE. INSTALL THE SILT FENCE ON THE UPHILL SIDE OF THE SUPPORT POSTS. PROVIDE A POST SPACING OF 1.2 M (4 FEET) OR LESS. DRIVE POSTS AT LEAST 0.6 M (2 FEET) INTO THE GROUND. ANCHOR THE SILT FENCE FABRIC IN A TRENCH AT LEAST 152 MM (6 INCHES) DEEP AND 152 MM (6 INCHES) WIDE DUG ON THE UPSLOPE SIDE OF THE SUPPORT POSTS. LAY THE FABRIC IN THE TRENCH AND THEN BACKFILL AND COMPACT WITH A VIBRATORY PLATE COMPACTOR. MAKE ANY SPLICES IN THE FABRIC AT A FENCE POST. AT SPLICES, OVERLAP THE FABRIC AT LEAST 152 MM (6 INCHES), FOLD IT OVER, AND SECURELY FASTEN IT TO THE FENCE POST. SILT FENCE SUPPORTING POSTS SHALL BE 51 MM (2 INCH) SQUARE OR LARGER HARDWOOD, PINE, OR STANDARD T- OR U-SECTION STEEL POSTS. T- OR U-SECTION STEEL POSTS SHALL WEIGH NOT LESS THAN 1.8602 KG PER METER (1.25 LB PER LINEAL FOOT). POSTS SHALL HAVE A MINIMUM LENGTH OF 1524 MM (5 FEET). POSTS SHALL HAVE PROJECTIONS TO FACILITATE FASTENING THE FABRIC AND PREVENT SLIPPAGE. GEOTEXTILE FABRIC SHALL MEET THE REQUIREMENTS OF WIDOT STANDARD SPECIFICATION 628 FOR PREASSEMBLED SILT FENCE, FURNISHED IN A CONTINUOUS ROLL IN ORDER TO AVOID SPLICES. GEOTEXTILE FABRIC SHALL BE UNIFORM IN TEXTURE AND APPEARANCE AND HAVE NO DEFECTS, FLAWS, OR TEARS. THE FABRIC SHALL CONTAIN SUFFICIENT ULTRAVIOLET (UV) RAY INHIBITOR AND STABILIZERS TO PROVIDE A MINIMUM TWO-YEAR SERVICE LIFE OUTDOORS. FABRIC COLOR SHALL BE INTERNATIONAL ORANGE. IN HIGH TRAFFIC AREAS CONTRACTOR SHALL REINFORCE SILT FENCE WITH WIRE FENCING AND METAL POSTS. EXTREME CIRCUMSTANCES WILL REQUIRE TEMPORARY CONCRETE MEDIAN SECTIONS TO SUPPORT MATERIAL BACKING OF STOCK PILED SOIL OR FILLED EARTH.

INSTALL SILTFENCE, OR OTHER EFFECTIVE SEDIMENT CONTROLS, AROUND ALL TEMPORARY SOIL STOCKPILES. LOCATE SOIL OR DIRT STOCKPILES CONTAINING MORE THAN 10 CUBIC YARDS OF MATERIAL SUCH THAT THE DOWNSLOPE DRAINAGE LENGTH IS NO LESS THAN 8 M (25 FEET) FROM THE TOE OF THE PILE TO A ROADWAY OR DRAINAGE CHANNEL. IF REMAINING FOR MORE THAN SEVEN DAYS, STABILIZE THE STOCKPILES BY MULCHING, VEGETATIVE COVER, TARPS, OR OTHER MEANS. CONTROL EROSION FROM ALL STOCKPILES BY PLACING SILT FENCE BARRIERS AROUND THE PILES. DURING STREET REPAIR, COVER CONVEYANCE SYSTEM SOIL OR DIRT STOCKPILES LOCATED CLOSER THAN 8 M (25 FEET) TO A ROADWAY OR DRAINAGE CHANNEL WITH TARPS, AND PROTECT STORM SEWER INLETS WITH SILT SACKS OR STAKED SILTFENCE. DO NOT STOCK PILE SOIL OR MATERIAL NEAR CATCH BASINS OR DRAINAGE WAYS.

STONE TRACKING PAD (TEMPORARY ROCK CONSTRUCTION ENTRANCE:
INSTALL AND MAINTAIN PER WIDNR CONSERVATION PRACTICE STANDARD 1057. USE 3INCH TO 6" DIAMETER ROCK. PLACE THE AGGREGATE IN A LAYER AT LEAST 300 MM (12 INCHES) THICK ACROSS THE ENTIRE WIDTH OF THE ENTRANCE. EXTEND THE ROCK ENTRANCE AT LEAST 15 M (50 FEET) INTO THE CONSTRUCTION ZONE. USE A WIDOT TYPE R PERMEABLE GEOTEXTILE FABRIC MATERIAL BENEATH THE AGGREGATE IN ORDER TO PREVENT MIGRATION OF SOIL INTO THE ROCK FROM BELOW. MAINTAIN THE ENTRANCE IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PAVED ROADWAYS. PROVIDE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS REQUIRED. CLOSE ENTRANCES NOT PROTECTED BY TEMPORARY ROCK CONSTRUCTION ENTRANCES TO ALL CONSTRUCTION TRAFFIC.

TEMPORARY SEDIMENT BASINS
IN THE CONSTRUCTION PROCESS OR IF NOTED ON THE PLAN THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT BASIN(S). AS PER GENERAL RULE THE SEDIMENT BASIN SHALL BE SIZED APPROPRIATELY TO A CAPACITY RELATED TO THE DRAINAGE AREA ON A RATIO OF 3,600 CUBIC FEET PER ACRE OF DRAINAGE ZONE ENTERING THE BASIN. BASINS SHALL BE INSPECTED AFTER EVERY RAINFALL EVENT, MATERIAL REMOVED AND STABILIZED. IF CHANGES TO THE BASIN ARE MADE, DOCUMENT AND AMEND THE SWPP PLAN.

DEWATERING:

IF DEWATERING IS REQUIRED AND SUMP PUMPS ARE USED, ALL PUMPED WATER MUST BE DISCHARGED THROUGH AN EROSION CONTROL FACILITY (TEMPORARY SEDIMENTATION BASIN, GRIT CHAMBER, SAND FILTER, UPFLOW CHAMBER, HYDRO-CYCLONE, SWIRL CONCENTRATOR, DEWATERING BAG OR OTHER APPROPRIATE FACILITY) PRIOR TO LEAVING THE CONSTRUCTION SITE. PROPER ENERGY DISSIPATION MUST BE PROVIDED AT THE OUTLET OF THE PUMP SYSTEM. DISCHARGE CLEAR WATER ONLY. TO ACHIEVE BETTER SEPARATIONS OF THE MATERIAL SUSPENDED IN THE WATER A BIODEGRADABLE NOT TOXIC FLOCCULANT AGENT MAY BE REQUIRED.

PUMPING OF WATER FROM FOUNDATION AREA DURING CONSTRUCTION SHALL NOT EXCEED A RATE OF 70 GALLONS PER MINUTE. SUMP PUMP SHALL BE PLACED ON A CLEAR STONE BEDDING AND A CLOTH/MESH SOCK SHALL BE PLACED ON THE OUTLET END OF THE PIPE TO CONTROL SEDIMENT LOSS.

INSPECTIONS-MAINTENANCE-DAILY RECORD-AMEND THE SWPP PLAN:

CONTRACTOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL DEVICES, STABILIZED AREAS, AND INFILTRATION AREAS ON A DAILY BASIS UNTIL LAND-DISTURBING ACTIVITY HAS CEASED. THEREAFTER, INSPECT AT LEAST ON A WEEKLY BASIS UNTIL VEGETATIVE COVER IS ESTABLISHED. INSPECT ALL EROSION AND SEDIMENT CONTROL DEVICES, STABILIZED AREAS, AND INFILTRATION AREAS WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS. REMOVE ACCUMULATED SEDIMENT DEPOSITS FROM BEHIND EROSION AND SEDIMENT CONTROL DEVICES AS NEEDED. DO NOT ALLOW SEDIMENT TO ACCUMULATE TO A DEPTH OF MORE THAN ONE-THIRD OF THE HEIGHT OF THE EROSION AND SEDIMENT CONTROL DEVICES. IMMEDIATELY REPLACE DETERIORATED, DAMAGED, ROTTED, OR MISSING EROSION CONTROL DEVICES. DOCUMENT INSPECTIONS AND DATES OF RAINFALL EVENTS. MAINTAIN A WRITTEN LOG OF ALL INSPECTION, MAINTENANCE, AND REPAIR ACTIVITIES RELATED TO EROSION AND SEDIMENT CONTROL FACILITIES. ALL NONFUNCTIONAL BMPS MUST BE REPAIRED, REPLACED, OR SUPPLEMENTED WTIH FUNCTIONAL BMPS WITHIN 24 HOURS AFTER DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS.

ALL INSPECTIONS AND MAINTENANCE ACTIVITIES MUST BE RECORDED IN WRITING DAILY IN A DETAILED RECORD(NOTES, PHOTOGRAPHS, SKETCHES, ETC, AND KEPT WITH THE SWPPP BY THE CONTRACTOR.

CONTRACTOR SHALL REMOVE ALL SOILS AND SEDIMENTS TRACKED OR OTHERWISE DEPOSITED ONTO ADJACENT PROPERTY, PAVEMENT AREAS, SIDEWALKS, STREETS, AND ALLEYS. REMOVAL SHALL BE ON A DAILY BASIS THROUGHOUT THE DURATION OF THE CONSTRUCTION AND/OR AS DIRECTED BY THE LOCAL MUNICIPALITY. CLEAN PAVED ROADWAYS BY SHOVELING OR WET-SWEEPING. DO NOT DRY SWEEP. IF NECESSARY, SCRAPE PAVED SURFACES IN ORDER TO LOOSEN COMPACTED SEDIMENT MATERIAL PRIOR TO SWEEPING. HAUL SEDIMENT MATERIAL TO A SUITABLE DISPOSAL AREA. STREET WASHING IS ALLOWED ONLY AFTER SEDIMENT HAS BEEN REMOVED BY SHOVELING OR SWEEPING.

ALL SOIL HAULED FROM THE SITE SHALL BE ACCOUNTED FOR AND DOCUMENTED IN THE SWPP BY THE CONTRACTOR. ITS FINAL DESTINATION AND HOW THE SOIL HAS BEEN STORED AND STABILIZED.

CONTRACTOR SHALL MAINTAIN ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES IN PLACE UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED (HARD-SURFACED AREAS PAVED AND VEGETATION ESTABLISHED IN GREENSPACE). REPAIR ANY RUTTING, GULLY FORMATION, OR WASHOUTS. AFTER FINAL ESTABLISHMENT OF PERMANENT STABILIZATION, REMOVE ALL TEMPORARY SYNTHETIC, STRUCTURAL, AND NONBIODEGRADABLE EROSION AND SEDIMENT CONTROL DEVICES AND ANY ACCUMULATED SEDIMENTS. DISPOSE-OF OFF SITE. RESTORE PERMANENT SEDIMENTATION BASINS TO THEIR DESIGN CONDITION IMMEDIATELY FOLLOWING STABILIZATION OF THE SITE.

CONTRACTOR SHALL CLEAN SEDIMENTATION BASINS, STORM SEWER CATCH BASINS, DITCHES, AND OTHER DRAINAGE FACILITIES AS REQUIRED IN ORDER TO MAINTAIN THEIR EFFECTIVENESS. TEMPORARY AND PERMANENT SEDIMENTATION BASINS MUST BE DRAINED AND THE SEDIMENT REMOVED WHEN THE DEPTH OF SEDIMENT COLLECTED IN THE BASIN REACHES 1/2 OF THE STORAGE VOLUME. DRAINAGE AND REMOVAL MUST BE COMPLETED WITHIN 72 HOURS, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS.

CONTRACTOR SHALL INSPECT INFILTRATION AREAS TO ENSURE THAT NO SEDIMENT FROM ONGOING CONSTRUCTION ACTIVITIES IS ACCUMULATING. REMOVE SEDIMENT IMMEDIATELY ENSURING SUBSOILS ARE NOT COMPACTED BY MACHINERY.

EVERY VEHICLE SHALL NOT TRACK MATERIAL OFF-SITE. CLEAN THE WHEELS OF CONSTRUCTION VEHICLES IN ORDER TO REMOVE SOILS BEFORE THE VEHICLES LEAVE THE CONSTRUCTION SITE. WASH VEHICLES ONLY ON AN AREA STABILIZED WITH STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

CONTRACTOR SHALL REINFORCE EROSION CONTROL FACILITIES IN AREAS WHERE CONCENTRATED FLOWS OCCUR (SUCH AS SWALES, DITCHES, AND AREAS IN FRONT OF CULVERTS AND CATCH BASINS) BY BACKING THEM WITH SNOW FENCE, WIRE MESH, OR STIFF PLASTIC MESH REINFORCEMENT UNTIL PAVING AND TURF ESTABLISHMENT OPERATIONS HAVE BEEN COMPLETED. POSTS FOR THE REINFORCING FENCE SHALL BE 100 MM (4 INCH) DIAMETER WOOD POSTS, OR STANDARD STEEL FENCE POSTS WEIGHING NOT LESS THAN 0.59 KG (1.3 LBS) PER LINEAL FOOT, WITH A MINIMUM LENGTH OF 762 MM (30 INCHES) PLUS BURIAL DEPTH. SPACE POSTS FOR THE REINFORCING FENCE AT INTERVALS OF 3 M (10 FEET) OR LESS. DRIVE POSTS FOR THE REINFORCING FENCE AT LEAST 0.6 M (2 FEET) INTO THE GROUND.

GENERAL SOIL STABILIZATION:

ESTABLISHMENT OF LAWN, PRAIRIE/WILDFLOWER AND/OR PLANT BED AREAS WILL BE NOTED ON THE LANDSCAPE PLAN

TO ENSURE STABILIZATION OF SOILS, RESTAKING OF SOD WHERE APPLICABLE, PROPER WATERING AND MULCH MAINTENANCE WILL BE REQUIRED. INSPECT SEEDED OR SODDED AREAS ON A TIMELY DAY-TO-DAY BASIS. IN THE EVENT OF A SEEDING FAILURE, RESEED AND REMULCH THE AREAS WHERE THE ORIGINAL SEED HAS FAILED TO GROW AND PERFORM ADDITIONAL WATERING AS NECESSARY AT NO ADDITIONAL COST TO THE OWNER. SPECIAL MAINTENANCE PROVISIONS FOR WILD AND PRAIRIE GRASS SEEDED AREAS AS NOTED IN THE LANDSCAPE PLAN. PROMPTLY REPLACE ALL SOD THAT DRIES OUT TO THE POINT WHERE IT IS PRESUMED DEAD AND ALL SOD THAT HAS BEEN DAMAGED, DISPLACED, WEAKENED, OR HEAVILY INFESTED WITH WEEDS AT NO ADDITIONAL COST TO THE OWNER. .

IN AREAS TO BE TEMPORARILY SEEDED, USE INTRODUCED SEED MIXTURE EQUIVALENT TO WIDOT #10 OR #20. APPLY SEED MIXTURE PER WIDOT 630.3.3.5. INCORPORATE A FERTILIZER (SLOW RELEASE TYPE WITH 10 WEEK RESIDUAL) CONSISTING OF 23-0-30 (%N-P-K) INTO THE SOIL AT AN APPLICATION RATE OF 224 KG PER HECTARE (200 LBS PER ACRE) BY DISKING PRIOR TO SEEDING. IN PROBLEMATIC AREAS IT MAY BE NECESSARY TO USE A LOW PHOSPHORUS ORGANIC FERTILIZER IN CASES WHERE SEEDS MAY NOT GERMINATE. IF THIS IS THE CASE, SEED AND FERTILIZER SHALL BE DISKED INTO THE SURFACE AND MULCHED PROPERLY TO ENSURE GERMINATION AND UPTAKE OF THE PHOSPHORUS BY THE SEED.

TO ENSURE ADEQUATE GERMINATION OF THE SEED THE WORK WILL BE PERFORMED AS FOLLOWS:
SPRING- FROM APRIL 1 THROUGH MAY 15.
FALL- FROM AUGUST 15 TO SEPTEMBER 20.
AFTER SEPTEMBER 20, WAIT UNTIL OCTOBER 30 TO PERFORM DORMANT SEEDING. DORMANT SEEDING WILL ONLY BE ALLOWED IF THE MAXIMUM SOIL TEMPERATURE AT A DEPTH OF 25 MM (1 INCH) DOES NOT EXCEED 4.44 DEGREES C (40 DEGREES F) IN ORDER TO PREVENT GERMINATION.

IN SEEDED AREAS WITH SLOPES STEEPER THAN 3:1 AND LENGTHS LESS THAN 15 METERS (50 FEET), INSTALL BIODEGRADABLE EROSION CONTROL BLANKETS UNIFORMLY OVER THE SOIL SURFACE BY HAND WITHIN 24 HOURS AFTER SEEDING IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. USE WIDOT URBAN TYPE B OR OWNER APPROVED EQUAL.

IN AREAS WHERE IRRIGATION IS TO BE INSTALLED, CONTRACTOR SHALL WORK IN ZONES TO FINISH GRADE AND INSTALL THE SYSTEM IN ZONES. NOTE- EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL SOILS HAVE BEEN STABILIZED WITH SOD OR SEEDED AREAS THAT EXHIBIT MINIMUM OF 70% LAWN VEGETATIVE COVERAGE. IF SILT FENCE HAS TO BE REMOVED TO INSTALL THE IRRIGATION SYSTEM, IT SHALL BE REINSTALLED AT THE END OF EACH WORK DAY OR USE BIO ROLLS TO PROVIDE PROTECTION DURING THE INSTALLATION PROCESS UNTIL LAWN AREAS HAVE SOD AND/OR PLANT BEDS ARE MULCHED.

IN AREAS TO BE SODDED, SILT FENCE CAN BE REMOVED SHORT TERM FOR WORKING, BUT EXPOSED SOIL AREAS SHALL BE SODDED OR EROSION CONTROL MEASURES SHALL BE REINSTALLED AT THE END OF EACH WORK DAY.

NOTE: THE PROJECT'S LANDSCAPE PLAN IS PART OF THE SWPP FOR SOIL STABILIZATION. REFERENCES SHALL BE MADE TO THE APPROVED LANDSCAPE PLAN. AMENDMENTS TO THE LANDSCAPE PLAN SHALL BE APPROVED BY THE OWNER AND DOCUMENTED AS PART OF THE SWPP

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KWIK STAR

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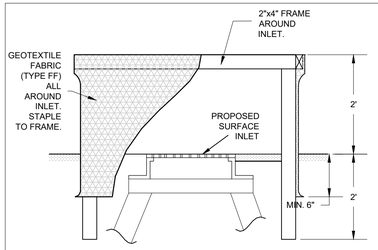
EROSION CONTROL NOTES

CONVENIENCE STORE #1094

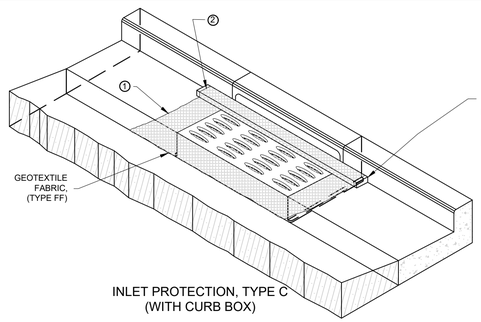
5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

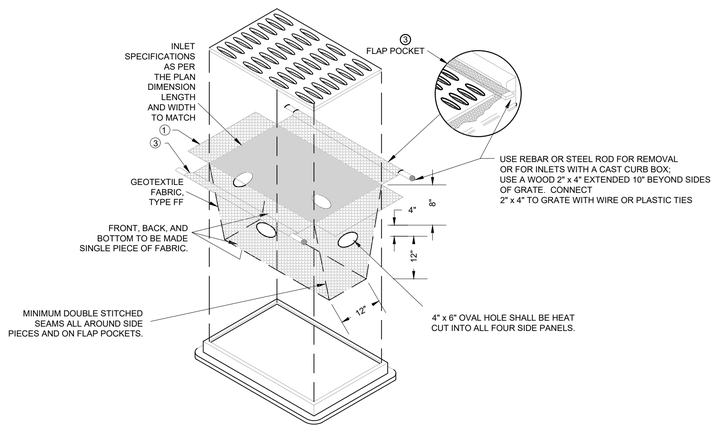
DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	SWP 1.1



INLET PROTECTION, TYPE A



INLET PROTECTION, TYPE C
(WITH CURB BOX)



INLET PROTECTION, TYPE D

1 SWP1.2 STORM WATER INLET PROTECTION

NOT TO SCALE

ALL EROSION CONTROL MEASURES TO BE INSTALLED AND MAINTAINED PER WDNR STANDARDS

INSTALLATION NOTES:

TYPE D

- 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.

GENERAL NOTES:

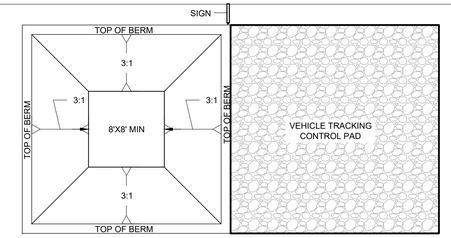
MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON WIS DOT PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, ARE 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.

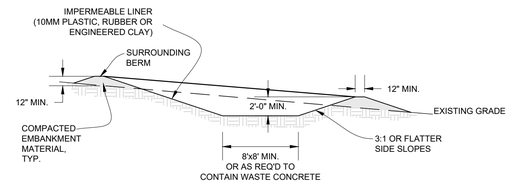
① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

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 POCKET SHALL BE LARGE ENOUGH TO ACCEPT A WOOD 2" x 4".



PLAN VIEW



TYPICAL SECTION

CONCRETE WASHOUT AREA INSTALLATION NOTES

1. SEE EROSION CONTROL PLAN FOR LOCATIONS OF CONCRETE WASHOUT AREA(S). TO BE PLACED A MIN. OF 50' FROM DRAINAGEWAYS, BODIES OF WATER, AND INLETS.)
2. THE CONCRETE WASHOUT AREA(S) SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
3. VEHICLE TRACKING CONTROL PAD IS REQ'D AT THE ACCESS POINT(S).
4. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA(S), AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREAS TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
5. EXCAVATED MATERIAL SHALL BE UTILIZED IN PERIMETER BERM CONSTRUCTION.

CONCRETE WASHOUT AREA MAINTENANCE NOTES

6. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE
7. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
8. WHEN CONCRETE WASHOUT AREA(S) IS REMOVED, THE DISTURBED AREA SHALL BE STABILIZED PER SITE EROSION CONTROL MEASURES.
9. INSPECT WEEKLY AND DURING AND AFTER ALL STORM EVENTS. CLEAN-OUT OR COVER WASHOUT AREA PRIOR TO PREDICTED STORM EVENTS TO PREVENT OVER-FLOW.

4 SWP1.2 CONCRETE WASHOUT AREA

NOT TO SCALE

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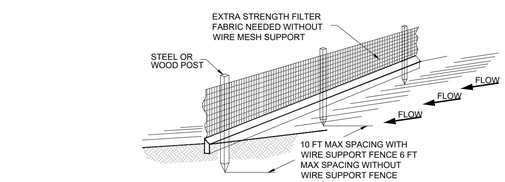
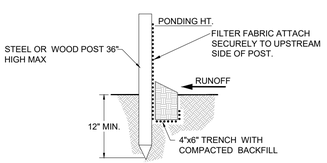
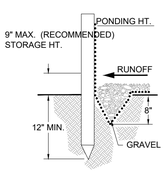
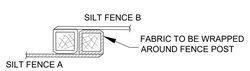




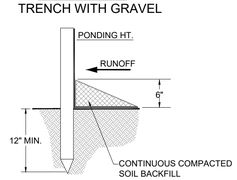
STANDARD DETAIL
TRENCH WITH NATIVE BACKFILL



ALTERNATE DETAIL
TRENCH WITH GRAVEL



ROLL JOINTS



ALTERNATE DETAIL
SOIL BACKFILL

CONSTRUCTION SPECIFICATIONS

THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36 INCHES. STORAGE HEIGHT SHALL NEVER EXCEED 18".

THE FENCE LINE SHALL FOLLOW THE CONTOUR AS CLOSELY AS POSSIBLE.

IF POSSIBLE, THE FILTER FABRIC SHALL BE CUT FROM A CONTINUOUS ROLL TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP AND BOTH ENDS SECURELY FASTENED TO THE POST.

POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET.

THE ENDS OF THE FENCE SHALL BE TURNED UPHILL.

A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 6 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.

WHEN STANDARD-STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES AND SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.

THE STANDARD-STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 6 INCHES OF THE FABRIC SHALL EXTEND INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.

WHEN EXTRA-STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS.

THE TRENCH SHALL BE BACKFILLED AND/OR THE SOIL COMPACTED OVER THE TOE OF THE FILTER FABRIC. THE FILTER FABRIC SHALL NOT BE SECURED BY SAND BAGS.

SILT FENCES PLACED AT THE TOE OF A SLOPE SHALL BE SET AT LEAST 6 FEET FROM THE TOE IN ORDER TO INCREASE PONDING VOLUME.

SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED, AND ANY SEDIMENT STORED BEHIND THE SILT FENCE HAS BEEN REMOVED.

INSPECTION AND MAINTENANCE

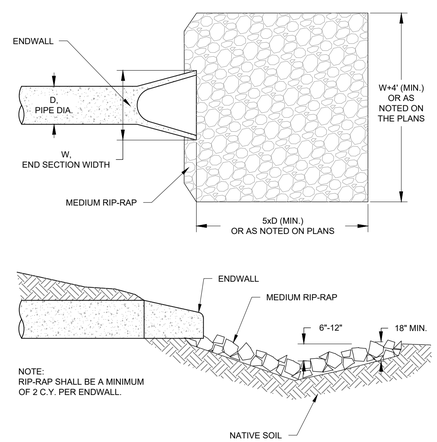
SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED WEEKLY AND AFTER EACH SIGNIFICANT STORM (1" IN 24 HR.). ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/3 HEIGHT OF THE FENCE OR 9 INCHES MAXIMUM.

THE REMOVED SEDIMENT SHALL BE VEGETATED OR OTHERWISE STABILIZED.

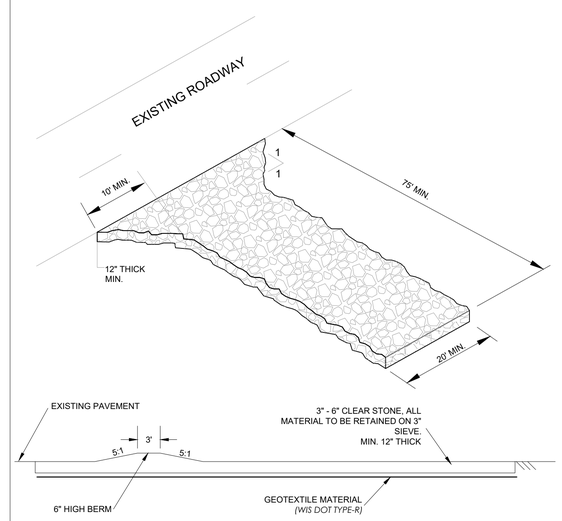
2 SWP1.2 SILT FENCE INSTALLATION DETAILS

NOT TO SCALE



3 SWP1.2 BASIN OUTFALL RIPRAP DETAIL

NOT TO SCALE



NOTE: MAINTAIN THE ROCK ENTRANCE TO PREVENT TRACKING ONTO PAVEMENT

FILTER FABRIC SHALL BE PLACED UNDER ROCK TO STOP MUD MIGRATION THROUGH ROCK.

5 SWP1.2 CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE

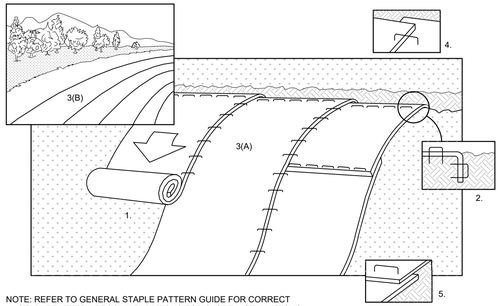
EROSION CONTROL DETAILS

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	SWP 1.2



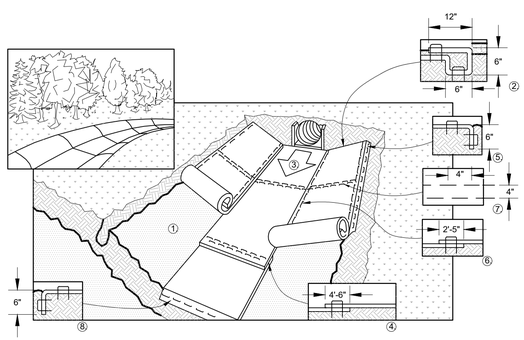
NOTE: REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
6. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

1 / SWP1.3 EROSION CONTROL MAT - SLOPE INSTALLATION
NOT TO SCALE

3 / SWP1.3 NOT USED
NOT TO SCALE

5 / SWP1.3 NOT USED
NOT TO SCALE



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET
3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.
4. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
5. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPE MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 4" AND STAPLED.
7. A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
8. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLES OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.

2 / SWP1.3 EROSION CONTROL MAT - CHANNEL INSTALLATION
NOT TO SCALE

4 / SWP1.3 NOT USED
NOT TO SCALE

6 / SWP1.3 NOT USED
NOT TO SCALE

KWIK TRIP

KWIK STAR

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EROSION CONTROL DETAILS

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	SWP 1.3

GENERAL NOTES

1. DRAWINGS ARE INTENDED TO BE PRINTED ON 22 X 34 PAPER. PRINTING THESE DRAWINGS AT A DIFFERENT SIZE WILL IMPACT THE SCALE. VERIFY THE GRAPHIC SCALE BEFORE REFERENCING ANY MEASUREMENTS ON THESE SHEETS. THE RECIPIENT OF THESE DRAWINGS SHALL BE RESPONSIBLE FOR ANY ERRORS RESULTING FROM INCORRECT PRINTING, COPYING, OR ANY OTHER CHANGES THAT ALTER THE SCALE OF THE DRAWINGS.
2. VERIFY ALL PLAN DIMENSIONS PRIOR TO START OF CONSTRUCTION. NOTIFY THE OWNER'S REPRESENTATIVE TO ADDRESS ANY QUESTIONS OR CLARIFY ANY DISCREPANCIES.
3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. GEOTECHNICAL SOILS REPORT RECOMMENDATIONS SHALL BE FOLLOWED DURING CONSTRUCTION. THE CONTRACTOR SHALL USE THESE CONTRACT DOCUMENTS AS A BASIS FOR THE BID.
5. CONTRACTOR SHALL CONFIRM THAT SITE CONDITIONS ARE SIMILAR TO THE PLANS, WITHIN TOLERANCES STATED IN THE CONTRACT DOCUMENTS, AND SATISFACTORY TO THE CONTRACTOR PRIOR TO START OF WORK. SHOULD SITE CONDITIONS BE DIFFERENT THAN REPRESENTED ON THE PLANS OR UNSATISFACTORY TO THE CONTRACTOR, THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE FOR CLARIFICATION AND FURTHER DIRECTION.
6. THE CONTRACTOR IS RESPONSIBLE TO PAY FOR, AND OBTAIN, ANY REQUIRED APPLICATIONS, PERMITTING, LICENSES, INSPECTIONS AND METERS ASSOCIATED WITH WORK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO ANY VIOLATIONS OR NON-CONFORMANCE WITH THE PLANS, SPECIFICATIONS, CONTRACT DOCUMENTS, JURISDICTIONAL CODES, AND REGULATORY AGENCIES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL UTILITY LOCATES PRIOR TO ANY EXCAVATION. REFER TO ENGINEERING UTILITY PLANS FOR ALL PROPOSED UTILITY LOCATIONS AND DETAILS. NOTIFY OWNER'S REPRESENTATIVE IF EXISTING OR PROPOSED UTILITIES INTERFERE WITH THE ABILITY TO PERFORM WORK.
9. UNLESS IDENTIFIED ON THE PLANS FOR DEMOLITION OR REMOVAL, THE CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR UTILITIES, ADJACENT OR EXISTING LANDSCAPE, ADJACENT OR EXISTING PAVING, OR ANY PUBLIC AND PRIVATE PROPERTY THAT IS DAMAGED BY THE CONTRACTOR OR THEIR SUBCONTRACTOR'S OPERATIONS DURING INSTALLATION, ESTABLISHMENT OR DURING THE SPECIFIED MAINTENANCE PERIOD. ALL DAMAGES SHALL BE REPAIRED TO PRE-CONSTRUCTION CONDITIONS AS DETERMINED BY THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL BE RESPONSIBLE FOR LOGGING ANY DAMAGES PRIOR TO START OF CONSTRUCTION AND DURING THE CONTRACT PERIOD.
10. ALL WORK SHALL BE CONFINED TO THE AREA WITHIN THE CONSTRUCTION LIMITS AS SHOWN ON THE PLANS. ANY AREAS OR IMPROVEMENTS DISTURBED OUTSIDE THESE LIMITS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. IN THE EVENT THE CONTRACTOR REQUIRES A MODIFICATION TO THE CONSTRUCTION LIMITS, WRITTEN PERMISSION MUST BE OBTAINED FROM THE OWNER'S REPRESENTATIVE PRIOR TO ANY DISTURBANCE OUTSIDE OF THE LIMITS OF WORK.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY OF THEIR TRENCHES OR EXCAVATIONS THAT SETTLE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT A TRAFFIC CONTROL PLAN TO THE APPROPRIATE JURISDICTIONAL AGENCIES AND THE OWNER'S REPRESENTATIVE IF THEIR WORK AND OPERATIONS AFFECT OR IMPACT THE PUBLIC RIGHTS-OF-WAY. OBTAIN APPROVAL PRIOR TO ANY WORK WHICH AFFECTS OR IMPACTS THE PUBLIC RIGHTS-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THIS REQUIREMENT DURING THE CONTRACT PERIOD.
13. SIGHT TRIANGLES AND SIGHT LINES SHALL REMAIN UNOBSTRUCTED BY EQUIPMENT, CONSTRUCTION MATERIALS, PLANT MATERIAL OR ANY OTHER VISUAL OBSTACLE DURING THE CONTRACT PERIOD AND AT MATURITY OF PLANTS PER LOCAL JURISDICTIONAL REQUIREMENTS.
14. NO PLANT MATERIAL OTHER THAN GROUND COVER IS ALLOWED TO BE PLANTED ADJACENT TO FIRE HYDRANTS AS STIPULATED BY JURISDICTIONAL REQUIREMENTS.
15. COORDINATE SITE ACCESS, STAGING, STORAGE AND CLEANOUT AREAS WITH OWNER'S REPRESENTATIVE.
16. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY SAFETY FENCING AND BARRIERS AROUND ALL IMPROVEMENTS SUCH AS WALLS, PLAY STRUCTURES, EXCAVATIONS, ETC. ASSOCIATED WITH THEIR WORK UNTIL SUCH FACILITIES ARE COMPLETELY INSTALLED PER THE PLANS, SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THEIR MATERIAL STOCK PILES AND WORK FROM VANDALISM, EROSION OR UNINTENDED DISTURBANCE DURING THE CONSTRUCTION PERIOD AND UNTIL FINAL ACCEPTANCE IS ISSUED.
18. THE CONTRACTOR SHALL KNOW, UNDERSTAND AND ABIDE BY ANY STORM WATER POLLUTION PREVENTION PLAN (SWPPP) ASSOCIATED WITH THE SITE. IF A STORM WATER POLLUTION PREVENTION PLAN IS NOT PROVIDED BY THE OWNER'S REPRESENTATIVE, REQUEST A COPY BEFORE PERFORMANCE OF ANY SITE WORK.
19. MAINTAIN ANY STORM WATER MANAGEMENT FACILITIES THAT EXIST ON SITE FOR FULL FUNCTIONALITY. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ANY NEW STORM WATER MANAGEMENT FACILITIES THAT ARE IDENTIFIED IN THE SCOPE OF WORK TO FULL FUNCTIONALITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER FOR FAILURE TO MAINTAIN STORM WATER MANAGEMENT FACILITIES DURING THE CONTRACT PERIOD.
20. THE CONTRACTOR SHALL PREVENT SEDIMENT, DEBRIS AND ALL OTHER POLLUTANTS FROM EXITING THE SITE OR ENTERING THE STORM SEWER SYSTEM DURING ALL DEMOLITION OR CONSTRUCTION OPERATIONS THAT ARE PART OF THE LANDSCAPE INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE REQUIREMENTS DURING THEIR CONTRACTED COURSE OF WORK.
21. THE CONTRACTOR SHALL BE RESPONSIBLE TO PREVENT ANY IMPACTS TO ADJACENT WATERWAYS, WETLANDS, OR OTHER ENVIRONMENTALLY SENSITIVE AREAS RESULTING FROM WORK DONE AS PART OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE STANDARDS DURING THEIR CONTRACTED COURSE OF WORK.

GENERAL NOTES CONTINUED

22. THE CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL ENSURE THAT ALL LOADS OF CONSTRUCTION MATERIAL IMPORTED TO OR EXPORTED FROM THE PROJECT SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF MATERIAL DURING TRANSPORT. TRANSPORTATION METHODS ON PUBLIC RIGHT-OF WAYS SHALL CONFORM TO JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE REQUIREMENTS.
23. THE CLEANING OF EQUIPMENT IS PROHIBITED AT THE JOB SITE UNLESS AUTHORIZED BY THE OWNER'S REPRESENTATIVE IN A DESIGNATED AREA. THE DISCHARGE OF WATER, WASTE CONCRETE, POLLUTANTS, OR OTHER MATERIALS SHALL ONLY OCCUR IN AREAS DESIGNED FOR SUCH USE AND APPROVED BY THE OWNER'S REPRESENTATIVE.
24. THE CLEANING OF CONCRETE EQUIPMENT IS PROHIBITED AT THE JOB SITE EXCEPT IN DESIGNATED CONCRETE WASHOUT AREAS. THE DISCHARGE OF WATER CONTAINING WASTE CONCRETE IN THE STORM SEWER IS PROHIBITED.
25. LOCAL, STATE AND FEDERAL JURISDICTIONAL REQUIREMENTS, RESTRICTIONS OR PROCEDURES SHALL SUPERSEDE THESE PLANS, NOTES AND SPECIFICATIONS WHEN MORE STRINGENT. NOTIFY THE OWNER'S REPRESENTATIVE IF CONFLICTS OCCUR.

GENERAL LANDSCAPE NOTES

1. UTILITY WARNING: THE UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND/OR RECORDS OBTAINED. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEY FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED.
2. NOTIFY UTILITY OWNERS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXISTENCE, EXACT LOCATION AND DEPTH OF ALL UTILITIES. AVOID DAMAGE TO UTILITIES AND SERVICES DURING CONSTRUCTION. ANY DAMAGE DUE TO THE CONTRACTOR'S CARELESSNESS SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. COORDINATE AND COOPERATE WITH UTILITY COMPANIES DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL FOLLOW THE LANDSCAPE PLANS AND SPECIFICATIONS AS CLOSELY AS POSSIBLE. ANY SUBSTITUTION OR ALTERATION SHALL NOT BE ALLOWED WITHOUT APPROVAL OF THE OWNER'S REPRESENTATIVE. OVERALL PLANT QUANTITY AND QUALITY SHALL BE CONSISTENT WITH THE PLANS.
4. ALL PLANT MATERIAL SHALL AT LEAST MEET MINIMUM REQUIREMENTS SHOWN IN THE "AMERICAN STANDARDS FOR NURSERY STOCK" (ANSI Z60.1-LATEST EDITION).
5. MULCH SHALL NOT BE PLACED AROUND THE COLLAR OF SHRUB OR TREE. PROVIDE A MINIMUM OF 2" BETWEEN MULCH AND COLLAR OF SHRUB OR TREE.
6. ALL PLANT MATERIAL SHALL BE GROWN IN ZONE CAPABLE OF WITHSTANDING LOCAL CLIMATE AND GROWING CONDITIONS.
7. TREE OR SHRUB SHALL STAND PLUMB. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACK FILLING.
8. LIVE PLANTS CAN BE PLANTED IN THE FIELD DURING THE GROWING SEASON FROM MAY 1 THROUGH OCTOBER 1. ANY SUGGESTED PLANTING TIMES NOT IN THIS WINDOW SHALL BE APPROVED BY LANDSCAPE ARCHITECT. IF PLANTING OCCURS OUTSIDE OF THIS WINDOW, ADDITIONAL MEASURES MAY NEED TO BE TAKEN (I.E. MULCH) TO ENSURE PLANT SURVIVAL. IN THESE INSTANCES, THE CONTRACT PRICE MAY NEED TO BE ADJUSTED ACCORDINGLY.
9. PLANTS SHOULD BE WATERED IN AFTER INSTALLATION TO ENSURE THEIR SURVIVAL. THIS TYPICALLY INVOLVES WATERING AT TIME OF INSTALLATION AND 2 TIMES WEEKLY FOR A ONE MONTH PERIOD OR UNTIL GROUND FREEZE UP IF NATURAL RAINFALLS ARE INSUFFICIENT. A SINGLE WATERING EVENT INVOLVES WATERING THE SOIL IN THE PLANTED AREAS TO THE POINT OF SATURATION BUT STOPPING SHORT OF SOIL DISPLACEMENT. SHOULD VERY DRY CONDITIONS DEVELOP WITHIN ONE YEAR OF PLANTING, ADDITIONAL WATERINGS MAY BE NECESSARY, CONSULTANT OR LANDSCAPE ARCHITECT WILL DETERMINE THIS AND CONTRACT PRICES MAY BE ADJUSTED TO ACCOMMODATE THIS ACTION.
10. ALL PLANT MATERIAL SHALL BE SPECIMEN QUALITY, HEALTHY, FREE OF DISEASE AND INSECTS AND SHALL HAVE HEALTHY, WELL-DEVELOPED ROOT SYSTEMS. PLANTS SHALL ALSO BE FREE FROM PHYSICAL DAMAGE OR OTHER CONDITIONS THAT WOULD PREVENT VIGOROUS GROWTH.
11. ALL PROPOSED PLANTS SHALL BE LOCATED AS SHOWN ON PLANS. ALL TREES TO BE PLANTED A MINIMUM DISTANCE OF 5 FEET FROM PAVEMENTS AND 6 FEET FROM ALL HYDRANTS.
12. CONTRACTOR IS RESPONSIBLE FOR PLANTS AWAITING INSTALLATION AND SHALL PROTECT THEM FROM INJURY AND THEFT.
13. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES. GRAPHIC QUANTITIES TAKES PRECEDENCE OVER WRITTEN QUANTITIES.
14. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO INSPECT AND TAG ALL PLANT MATERIAL PRIOR TO SHIPPING TO THE SITE. IN ALL CASES, THE OWNER'S REPRESENTATIVE MAY REJECT PLANT MATERIAL AT THE SITE IF MATERIAL IS DAMAGED, DISEASED, OR DECLINING IN HEALTH AT THE TIME OF ONSITE INSPECTIONS OR IF THE PLANT MATERIAL DOES NOT MEET THE MINIMUM SPECIFIED STANDARD IDENTIFIED ON THE PLANS AND IN THE SPECIFICATIONS. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR INSPECTION AND APPROVAL OF ALL MATERIALS AND PRODUCTS PRIOR TO INSTALLATION.
15. THE OWNER'S REPRESENTATIVE MAY ELECT TO UPSIZE PLANT MATERIAL AT THEIR DISCRETION BASED ON SELECTION, AVAILABILITY, OR TO ENHANCE SPECIFIC AREAS OF THE PROJECT. THE CONTRACTOR SHALL VERIFY PLANT MATERIAL SIZES WITH OWNER'S REPRESENTATIVE PRIOR TO PURCHASING, SHIPPING OR STOCKING OF PLANT MATERIALS. SUBMIT CHANGE ORDER REQUEST TO OWNER'S REPRESENTATIVE FOR APPROVAL IF ADDITIONAL COST IS REQUESTED BY THE CONTRACTOR PRIOR TO INSTALLATION. RE-STOCKING CHARGES WILL NOT BE APPROVED IF THE CONTRACTOR FAILS TO SUBMIT A REQUEST FOR MATERIAL CHANGES.
16. THE CONTRACTOR SHALL WARRANTY ALL CONTRACTED WORK AND MATERIALS FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION HAS BEEN ISSUED BY THE OWNER'S REPRESENTATIVE FOR THE ENTIRE PROJECT UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS OR SPECIFICATIONS.
17. LANDSCAPE MATERIAL LOCATIONS SHALL HAVE PRECEDENCE OVER IRRIGATION MAINLINE AND LATERAL LOCATIONS. IF IRRIGATION IS INCLUDED, COORDINATE INSTALLATION OF IRRIGATION EQUIPMENT SO THAT IT DOES NOT INTERFERE WITH THE PLANTING OF TREES OR OTHER LANDSCAPE MATERIAL.

GENERAL LANDSCAPE NOTES

18. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE EXISTS IN ALL LANDSCAPE AREAS. SURFACE DRAINAGE ON LANDSCAPE AREAS SHALL NOT FLOW TOWARD STRUCTURES AND FOUNDATIONS. MAINTAIN SLOPE AWAY FROM FOUNDATIONS PER THE GEOTECHNICAL REPORT RECOMMENDATIONS. ALL LANDSCAPE AREAS BETWEEN WALKS AND CURBS SHALL DRAIN FREELY TO THE CURB UNLESS OTHERWISE IDENTIFIED ON THE GRADING PLAN. IN NO CASE SHALL THE GRADE, TURF THATCH, OR OTHER LANDSCAPE MATERIALS DAM WATER AGAINST WALKS. MINIMUM SLOPES ON LANDSCAPE AREAS SHALL BE 2%; MAXIMUM SLOPE SHALL BE 25% UNLESS SPECIFICALLY IDENTIFIED ON THE PLANS OR APPROVED BY THE OWNER'S REPRESENTATIVE.
19. PRIOR TO INSTALLATION OF PLANT MATERIALS, AREAS THAT HAVE BEEN COMPACTED OR DISTURBED BY CONSTRUCTION ACTIVITY SHALL BE THOROUGHLY LOOSENED TO A DEPTH OF 8" - 12" AND AMENDED PER SPECIFICATIONS.
20. ALL LANDSCAPED AREAS ARE TO RECEIVE ORGANIC SOIL PREPARATION PER RATE IDENTIFIED BY A SOIL TEST OR AS NOTED IN THE TECHNICAL SPECIFICATIONS.
21. TREES SHALL NOT BE LOCATED IN DRAINAGE SWALES, DRAINAGE AREAS, OR UTILITY EASEMENTS. CONTACT OWNER'S REPRESENTATIVE FOR RELOCATION OF PLANTS IN QUESTIONABLE AREAS PRIOR TO INSTALLATION.
22. THE CENTER OF EVERGREEN TREES SHALL NOT BE PLACED CLOSER THAN 8' AND THE CENTER OF ORNAMENTAL TREES CLOSER THAN 6' FROM A SIDEWALK, STREET OR DRIVE LANE. EVERGREEN TREES SHALL NOT BE LOCATED ANY CLOSER THAN 15' FROM IRRIGATION ROTOR HEADS. NOTIFY OWNER'S REPRESENTATIVE IF TREE LOCATIONS CONFLICT WITH THESE STANDARDS FOR FURTHER DIRECTION.
23. ALL EVERGREEN TREES SHALL BE FULLY BRANCHED TO THE GROUND AND SHALL NOT EXHIBIT SIGNS OF ACCELERATED GROWTH AS DETERMINED BY THE OWNER'S REPRESENTATIVE.
24. ALL TREES ARE TO BE STAKED AND GUYED PER DETAILS FOR A PERIOD OF 1 YEAR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING STAKES AT THE END OF 1 YEAR FROM ACCEPTANCE OF LANDSCAPE INSTALLATION BY THE OWNER'S REPRESENTATIVE. OBTAIN APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO REMOVAL.
25. ALL TREES INSTALLED ABOVE RETAINING WALLS UTILIZING GEO-GRID MUST BE HAND DUG TO PROTECT GEO-GRID. IF GEO-GRID MUST BE CUT TO INSTALL TREES, APPROVAL MUST BE GIVEN BY OWNER'S REPRESENTATIVE PRIOR TO DOING WORK.
26. ALL TREES IN SEED OR TURF AREAS SHALL RECEIVE MULCH RINGS. OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE FOR ANY TREES THAT WILL NOT BE MULCHED FOR EXCESSIVE MOISTURE REASONS.
27. EXISTING TURF AREAS THAT ARE DISTURBED DURING CONSTRUCTION, ESTABLISHMENT AND THE MAINTENANCE PERIOD SHALL BE RESTORED WITH NEW SOD TO MATCH EXISTING TURF SPECIES. DISTURBED NATIVE AREAS WHICH ARE TO REMAIN SHALL BE OVER SEEDED AND RESTORED WITH SPECIFIED SEED MIX.
28. WHEN COMPLETE, ALL GRADES SHALL BE WITHIN +/- 1/8" OF FINISHED GRADES AS SHOWN ON THE PLANS.
29. WHEN PLANTER POTS ARE SHOWN ON PLANS, CONTRACTOR SHALL INCLUDE THE FOLLOWING: PLANTER MIX, ANNUAL FLOWER PLANTING PROGRAM (INCLUDES 2 PLANTINGS FOR THE 1ST YEAR (SPRING AND FALL) AND WINTER HAND-WATERING AS NEEDED. UNLESS OTHERWISE SPECIFIED, CONTRACTOR TO PROVIDE ANNUAL PLANTING SELECTION FOR REVIEW BY OWNER. IRRIGATION FOR PLANTERS TO BE ON SEPARATE ZONE(S). CONTRACTOR TO COORDINATE PLACEMENT OF NECESSARY SLEEVING PRIOR TO PLACEMENT OF PAVEMENT.
30. PRIOR TO THE PLACEMENT OF MULCH AND WEED FABRIC, A GRANULAR, PRE-EMERGENT, WEED CONTROL AGENT SHALL BE ADDED TO ALL PLANTING BEDS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION, EXCEPT AROUND ORNAMENTAL GRASSES.
31. THE CONTRACTOR IS EXPECTED TO KNOW AND UNDERSTAND THE CITY AND COUNTY SPECIFICATIONS FOR LANDSCAPE AND IRRIGATION. IN CASES OF DISCREPANCIES THE HIGHER OF THE TWO STANDARDS SHALL HAVE PRECEDENCE.
32. ALL TREES PLANTED WITHIN RIGHT-OF-WAY WILL INCLUDE CITY APPROVED ROOT BARRIERS.

LAYOUT NOTES

1. WRITTEN DIMENSIONS WILL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
2. SHOULD SITE CONDITIONS BE DIFFERENT THAN WHAT IS INDICATED ON THE DRAWINGS, CONTACT THE LANDSCAPE ARCHITECT IMMEDIATELY FOR CLARIFICATION.
3. CURVED WALKS AND CURB EDGES ARE INTENDED TO BE CONSTRUCTED WITH SMOOTH FLOWING CURVES. ANYTHING OTHER THAN SMOOTH FLOWING CURVES WILL BE REJECTED.
4. THE CONTRACTOR SHALL OBTAIN, AT HIS EXPENSE, ALL PERMITS WHICH ARE NECESSARY TO PERFORM THE PROPOSED WORK.
5. THE CONTRACTOR SHALL PROVIDE A STAKED LAYOUT OF ALL SITE IMPROVEMENTS FOR INSPECTION BY THE OWNER'S REPRESENTATIVE AND MAKE MODIFICATIONS AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER. ALL LAYOUT INFORMATION IS AVAILABLE IN DIGITAL FORMAT FOR USE BY THE CONTRACTOR.
6. LAYOUT WALKS, SCORE JOINTS AND PAVING PATTERNS AS CLOSELY AS POSSIBLE TO PLANS, DETAILS, AND SPECIFICATIONS. DO NOT DEVIATE FROM PLANS UNLESS SPECIFIC APPROVAL IS OBTAINED FROM THE OWNER'S REPRESENTATIVE.
7. ALL WORK SHALL BE CONFINED TO THE AREA WITHIN THE CONSTRUCTION LIMITS AS SHOWN ON THE PLANS. ANY AREAS OR IMPROVEMENTS DISTURBED OUTSIDE THESE LIMITS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. IN THE EVENT THE CONTRACTOR REQUIRES A MODIFICATION TO THE CONSTRUCTION LIMITS, WRITTEN PERMISSION MUST BE OBTAINED FROM THE LANDSCAPE ARCHITECT PRIOR TO ANY DISTURBANCE OUTSIDE OF THE LIMITS OF WORK.
8. WHEN APPLICABLE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY FENCING AROUND ALL PLAY STRUCTURES UNTIL PROPER FALL SURFACE IS COMPLETELY INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
9. CONTRACTOR IS RESPONSIBLE FOR SUPERVISING ALL SAFETY SURFACING AND PAVEMENT DURING THE CURING PROCESS.

PLANT SCHEDULE

QTY	KEY	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	MATURE SIZE	COMMENTS	POINT VALUE PER PLANT
CANOPY TREES							
5	RO	Quercus rubra	NORTHERN RED OAK	2 1/2" Cal.	60'h x 60'w	B&B	50
2	BG	Nyssa sylvatica	BLACK GUM	2 1/2" Cal.	50'h x 30'w	B&B	50
8	GT	Gleditsia triacanthos var. inermis	THORNLESS HONEYLOCUST	2 1/2" Cal.	50'h x 20'w	B&B	50
4	AM	Acer x freemanii	AUTUMN BLAZE MAPLE	2 1/2" Cal.	55'h x 40'w	B&B	50
ORNAMENTAL TREES							
8	CH	Crataegus crus-galli var. inermis	THORNLESS HAWTHORN	5'	20"h x 20'w	B&B	20
3	MP	Malus ioensis 'Prairie Rose'	PRAIRIE ROSE CRABAPPLE	5'	20'h x 18'w	B&B	20
DECIDUOUS SHRUBS							
5'-7' SPREAD							
15	RS	Perovskia atriplicifolia	RUSSIAN SAGE	24" Ht.	5'h x 4'w	#5 CONT. (7' O.C.)	6
26	SH	Hydrangea arborescens 'Annabelle'	SMOOTH HYDRANGEA	24" Ht.	5'h x 6w'	#5 CONT. (6' O.C.)	6
18	AC	Ribes alpinum	ALPINE CURRANT	24" Ht.	5'h x 5'w	#5 CONT. (4' O.C.)	6
7+ SPREAD							
9	VL	Viburnum lantana 'Mohican'	WAYFARINGTREE VIBURNUM	24" Ht.	8'h x 10'w	#5 CONT. (10' O.C.)	9
EVERGREEN SHRUBS							
5'-7' SPREAD							
23	JH	Juniperus horizontalis 'Wisconsin'	WISCONSIN JUNIPER	6'' Ht.	6"h x 5'w	#5 CONT. (6' O.C.)	3
21	JV	Juniperus virginiana 'Grey Owl'	GREY OWL JUNIPER	6" Ht.	2'h x 5'w	#5 CONT. (6' O.C.)	3
7' + SPREAD							
8	RW	Rhododendron catawbiense 'Album'	WHITE CATAWBA RHODODENDRON	24" Ht.	5'h x 7w	#5 CONT. (6' O.C.)	6
15	MU	Pinus mugo var. pumilio	DWARF MUGO PINE	24" Ht.	4'h x 10w	#5 CONT. (8' O.C.)	6
ORNAMENTAL GRASSES							
44	LB	Schizachyrium scoparium	LITTLE BLUESTEM	8'' Ht.	24'' Ht.	#1 CONT. (3' O.C.)	
39	SG	Panicum virgatum 'Shenandoah'	SWITCH GRASS	8" Ht.	48'' Ht.	#1 CONT. (3' O.C.)	
43	BA	Bouteloua gracilis 'Blonde Ambition'	BLONDE AMBITION BLUE GRAMA GRASS	8'' Ht.	36'' Ht.	#1 CONT. (3' O.C.)	

MINIMUM LANDSCAPING POINT REQUIREMENTS

ZONING = C-1

SEC. 133-996 PARKING AREA LANDSCAPE REQUIREMENTS

IN ALL DISTRICTS ALL PARKING AREAS SHALL BE REQUIRED TO ACCUMULATE A MINIMUM NUMBER OF POINTS. THE NUMBER OF POINTS REQUIRED IS BASED ON THE NUMBER OF PARKING SPACES. PARKING AREAS FOR FOUR OR MORE VEHICLES ARE REQUIRED TO ACCUMULATE 15 POINTS FOR EACH SPACE. TO QUALIFY FOR POINTS, THE LANDSCAPE ELEMENTS MUST BE LOCATED IN A MANNER WHICH PRIMARILY MEETS THE OBJECTIVES OF LANDSCAPING PARKING AREAS.

ALL OFF-STREET VEHICULAR PARKING AREAS WITH ROOM FOR MORE THAN SIX VEHICLES SHALL PROVIDE AND MAINTAIN ONE CANOPY-TYPE TREE FOR EACH 12 PARKING SPACES OR FRACTION THEREOF OVER THE INITIAL SIX SPACES.

TOTAL PARKING SPACES: 28
TOTAL LANDSCAPE POINTS REQUIRED: (28 X 15) = 420
TOTAL LANDSCAPE POINTS PROVIDED: 1,375

SEC. 129-155 STREET TREES

THE SUBDIVIDER SHALL INSTALL STREET TREES IN THE TERRACE AREA BETWEEN THE SIDEWALK AND THE STREET ALONG ALL STREETS PROPOSED TO BE DEDICATED. SUCH STREET TREES SHALL BE OF A SPECIES AND TYPE COMPATIBLE WITH THE NEIGHBORHOOD AND SUITABLE FOR AN URBAN ENVIRONMENT, AS DETERMINED BY THE VILLAGE ENGINEER. STREET TREES SHALL BE PLACED SO THAT THERE IS AN AVERAGE OF ONE TREE FOR EVERY 60 FEET OF STREET FRONTAGE, EXCEPT IN THOSE LOCATIONS WHERE THE VILLAGE ENGINEER DETERMINES SUCH PLANTING WOULD BE UNFEASIBLE OR HAZARDOUS IN TERMS OF TRAFFIC VISIBILITY. STREET TREES SHALL BE SET BACK AT LEAST TEN FEET FROM DRIVEWAYS, 15 FEET FROM NONARTERIAL STREET INTERSECTIONS, AND 30 FEET FROM ARTERIAL STREET INTERSECTIONS. STREET TREES SHALL BE NO SMALLER THAN TWO INCHES IN DIAMETER AT THE TIME OF PLANTING.

*TREES PLACED IN TERRACE AREA NOT COUNTED TOWARDS PARKING AREA LANDSCAPE POINTS

STREET TREE TOTALS

TULLAMORE LN
TOTAL LF OF TERRACE: 240 LF
TOTALTREES REQUIRED: (240/60) 4
TOTAL TREES PROVIDED: 4

TIPPERARY TRL
TOTAL LF OF TERRACE: 344 LF
TOTALTREES REQUIRED: (344/60) 5.7
TOTAL TREES PROVIDED: 6

C.T.H Q
TOTAL LF OF TERRACE: 255 LF
TOTALTREES REQUIRED: (255/60) 4.25
TOTAL TREES PROVIDED: EXISTING UTILITIES PREVENT PLANTING IN TERRACE

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LA CROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8960

SNYDER & ASSOCIATES
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444

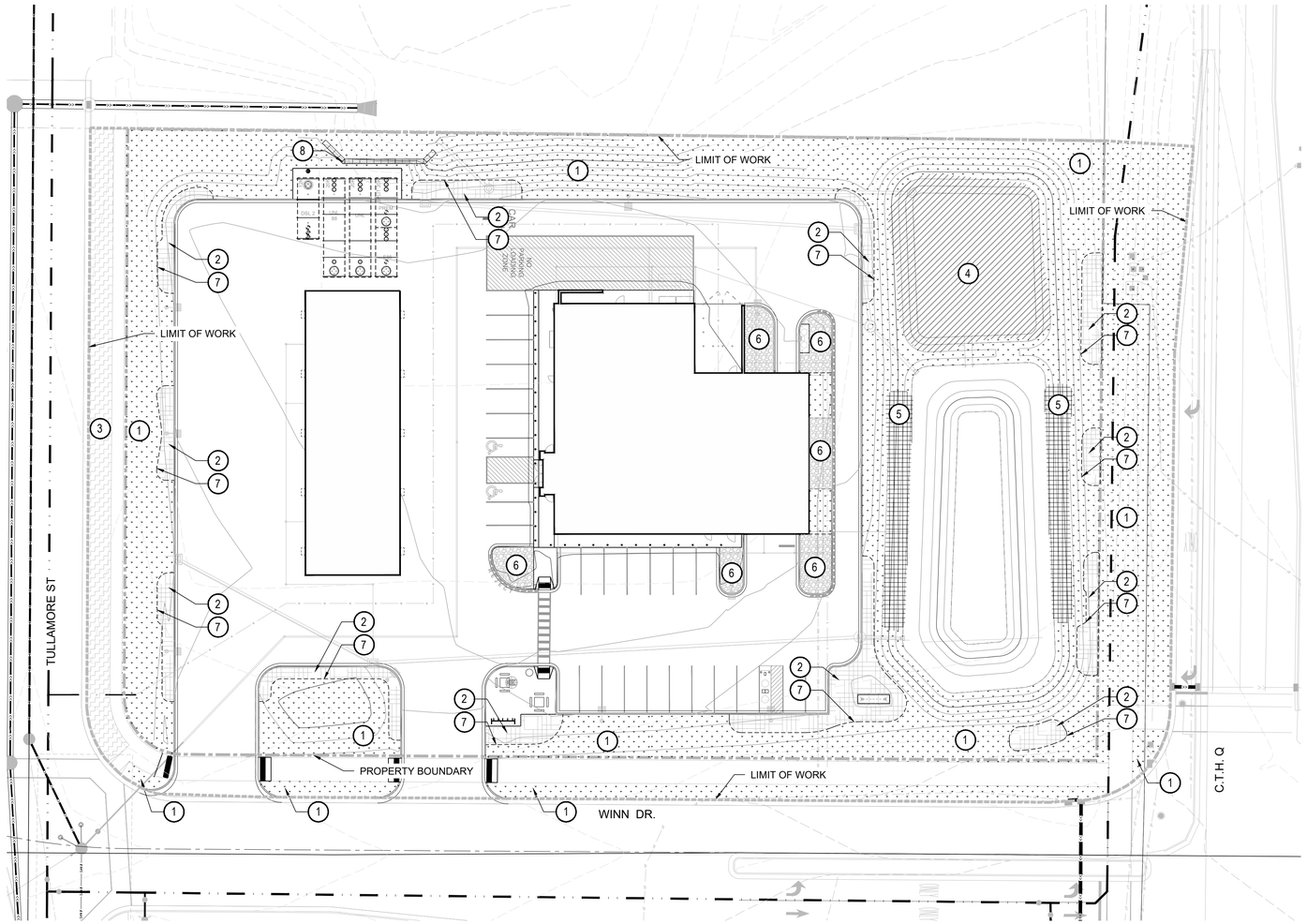
LANDSCAPE NOTES

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

#	DATE	DESCRIPTION

DRAWN BY	S. ANDERSON / L. OLSON
SCALE	NOTED
PROJ. NO.	120.0135.30
DATE	FEBRUARY 12, 2020
SHEET	L1.0



MULCH, SEEDING AND TURF PLAN

0 30
FEET

LANDSCAPE LEGEND

- (1) SOD (36,275 SF), REFER TO CONSTRUCTION NOTES FOR TYPE
- (2) SHRUB BED WITH HARDWOOD MULCH (43 CY) DOES NOT INCLUDE STAND-ALONG TREES OUTSIDE SHRUB BED AREAS), REFER TO CONSTRUCTION NOTES FOR TYPE
- (3) TURF SEED (2,552 SF)
- (4) NATIVE SEED TYPE 1 (4,324 SF), REFER TO CONSTRUCTION NOTES FOR TYPE.
- (5) NATIVE SEED TYPE 2 (1,961 SF), REFER TO CONSTRUCTION NOTES FOR TYPE.
- (6) COBBLE MULCH (15 CY), REFER TO CONSTRUCTION NOTES FOR TYPE
- SPADE CUT EDGER AT 4" DEPTH (979 LF)
- LIMIT OF WORK
- MATCHLINE
- DECIDUOUS CANOPY TREE
- LARGE DECIDUOUS ORNAMENTAL TREE
- EVERGREEN
- DECIDUOUS SHRUBS
- EVERGREEN SHRUBS
- ORNAMENTAL GRASSES

LANDSCAPE CONSTRUCTION NOTES

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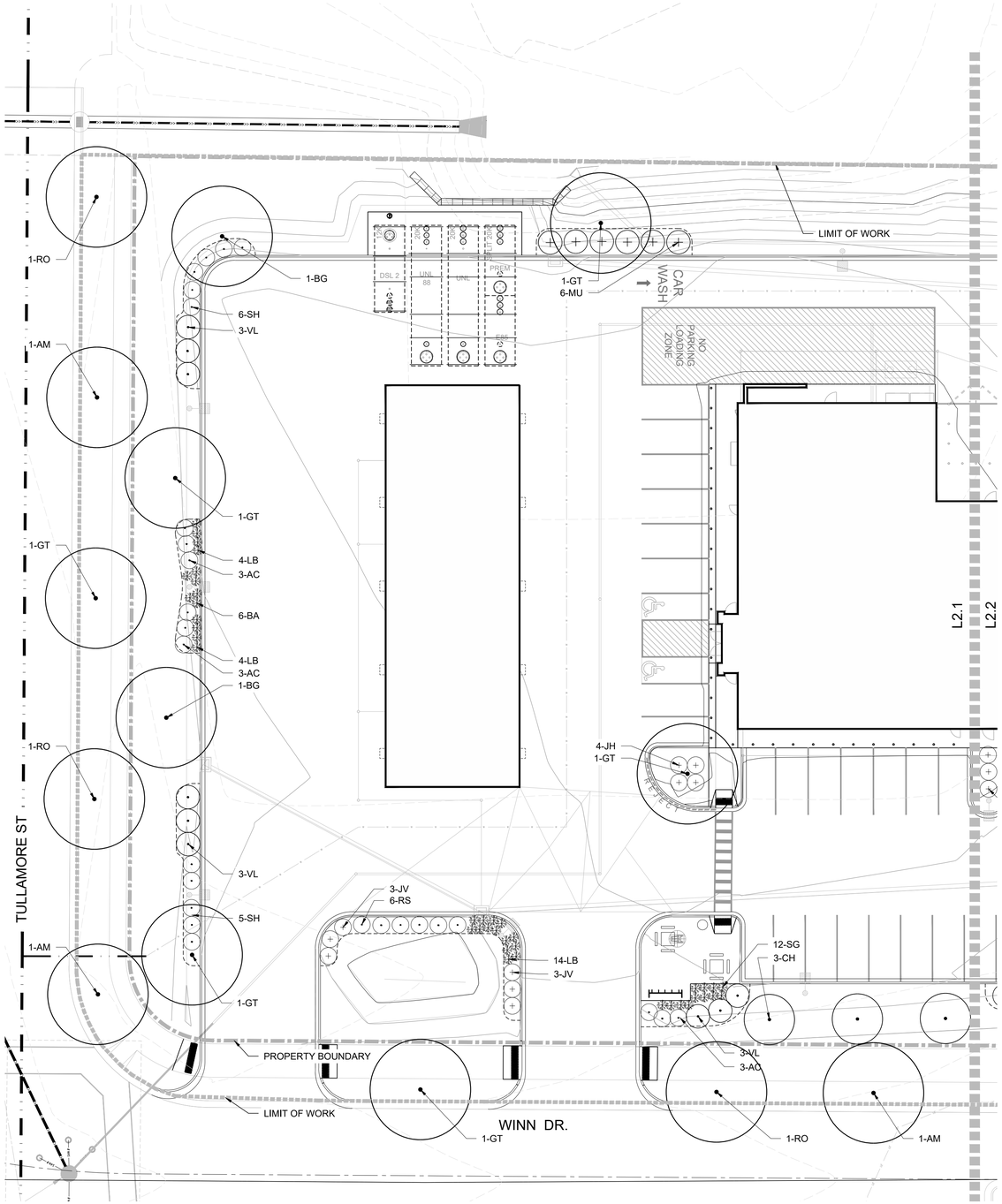

PLANTING PLAN

0 20 FEET

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PLANT SCHEDULE

QTY	KEY	COMMON NAME
CANOPY TREES		
	RO	NORTHERN RED OAK
	BG	BLACK GUM
	GT	THORNLESS HONEYLOCUST
	AM	AUTUMN BLAZE MAPLE
ORNAMENTAL TREES		
	CH	THORNLESS HAWTHORN
	MP	PRAIRIE ROSE CRABAPPLE
DECIDUOUS SHRUBS		
5'-7' SPREAD		
	RS	RUSSIAN SAGE
	SH	SMOOTH HYDRANGEA
	AC	ALPINE CURRANT
7' + SPREAD		
	VL	WAYFARING VIBURNUM
EVERGREEN SHRUBS		
5'-7' SPREAD		
	JH	WISCONSIN JUNIPER
	JV	GREY OWL JUNIPER
7' SPREAD		
	RW	WHITE CATAWBA RHODODENDRON
	MU	DWARF MUGO PINE
ORNAMENTAL GRASSES		
	LB	LITTLE BLUESTEM
	SG	SWITCH GRASS
	BA	BLONDE AMBITION BLUE GRAMA GRASS

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PLANTING PLAN

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

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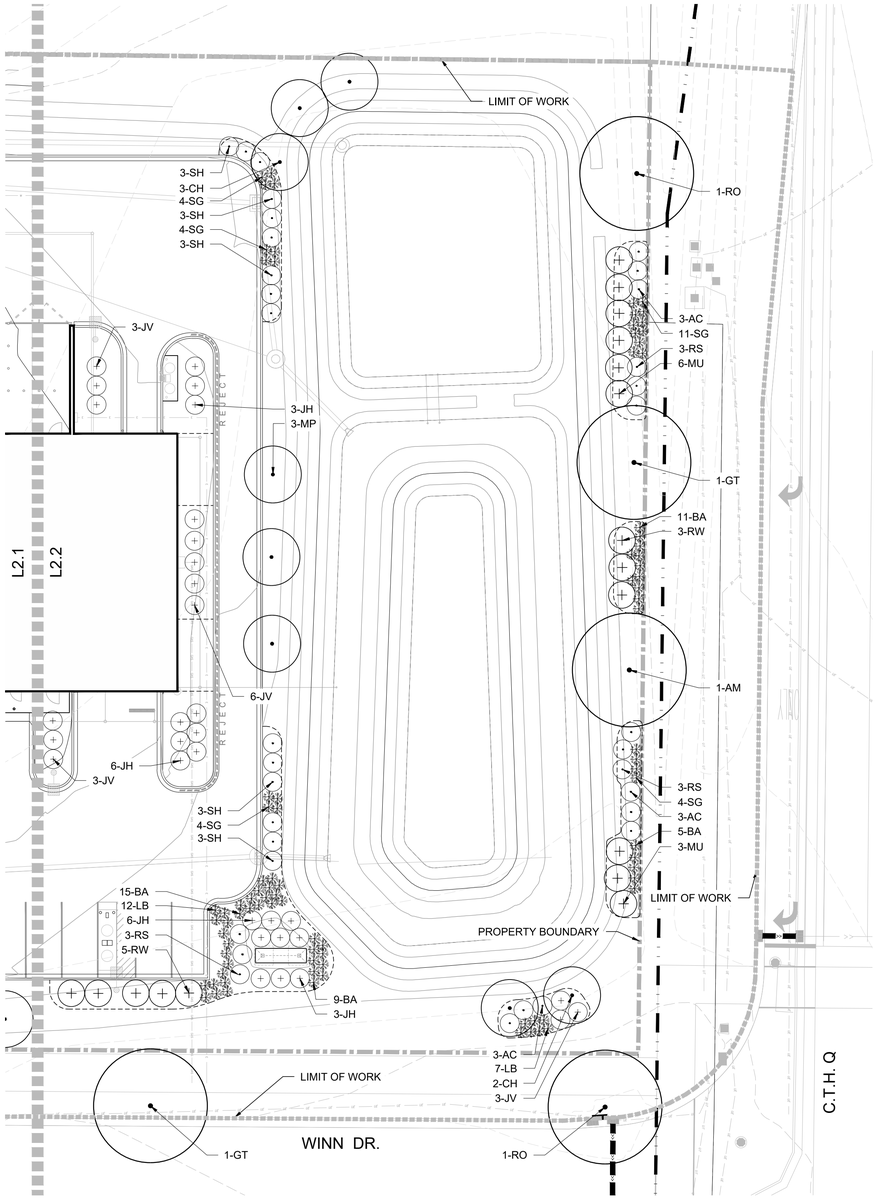

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PLANTING PLAN

CONVENIENCE STORE #1094

5805 COUNTY HIGHWAY Q
WAUNAKEE, WISCONSIN

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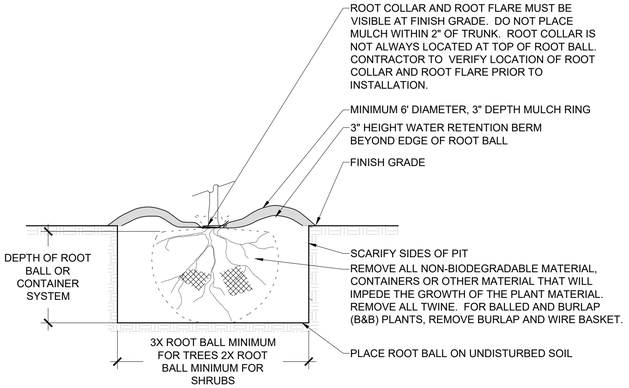
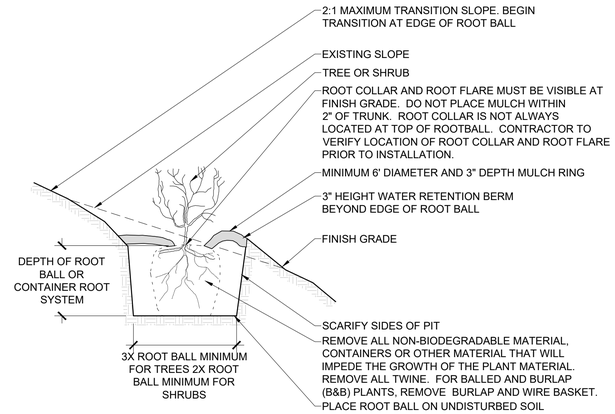


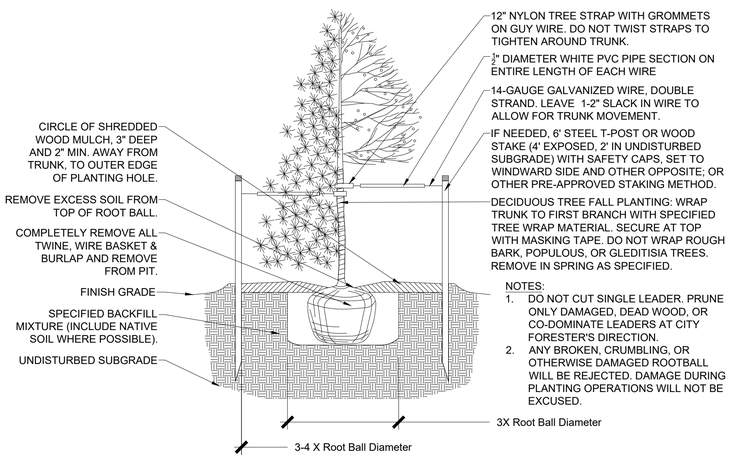
TYPICAL PLANTING PIT DETAIL



SLOPE PLANTING PIT DETAIL

1 PLANTING PIT

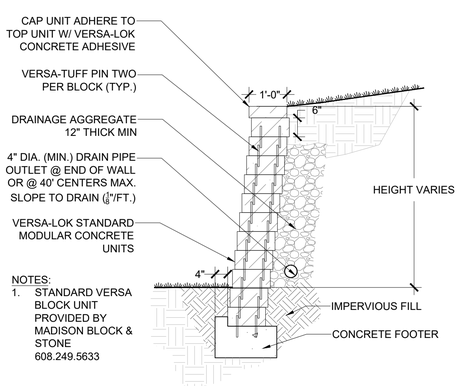
NO SCALE



NOTES:
1. DO NOT CUT SINGLE LEADER. PRUNE ONLY DAMAGED, DEAD WOOD, OR CO-DOMINATE LEADERS AT CITY FORESTER'S DIRECTION.
2. ANY BROKEN, CRUMBLING, OR OTHERWISE DAMAGED ROOTBALL WILL BE REJECTED. DAMAGE DURING PLANTING OPERATIONS WILL NOT BE EXCUSED.

2 TREE PLANTING

SCALE: 1/2" = 1'-0"



NOTES:
1. STANDARD VERSA BLOCK UNIT PROVIDED BY MADISON BLOCK & STONE 608.249.5633

3 TYPICAL SECTION - CMU BLOCK RETAINING WALL

SCALE: 1/2" = 1'-0"

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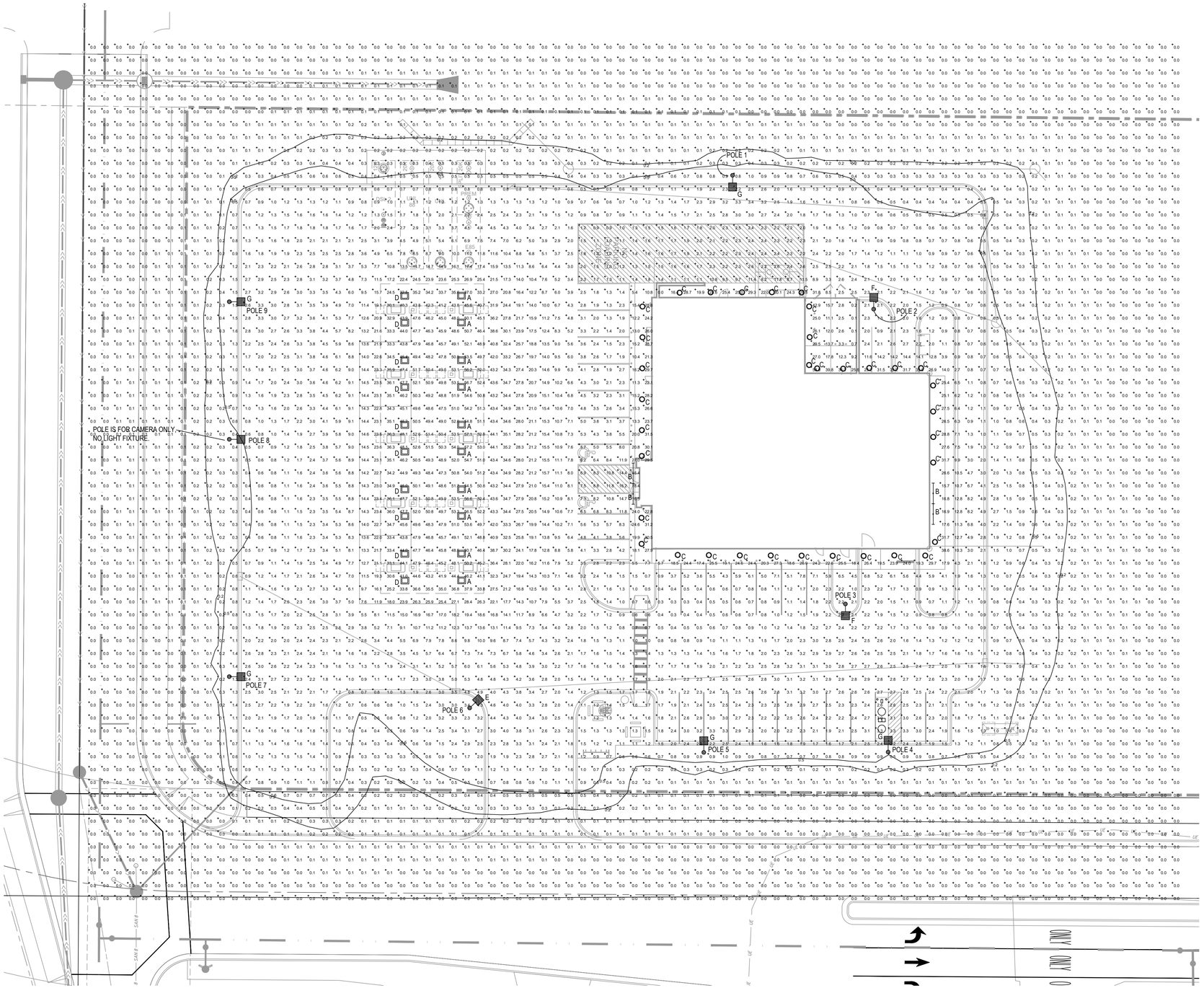


PHOTOMETRIC SITE PLAN

SCALE: 1" = 20'-0"

CALCULATION STATISTICS

AVERAGE: 4.0fc
MAXIMUM: 57.2fc
MINIMUM: 0.0fc

NOTE:

FOOTCANDLE LEVELS SHOWN ON THIS PLAN ARE CALCULATED AT GRADE LEVEL.

FIXTURE QUANTITIES

A - 10
B - 4
C - 35
D - 10
E - 1
F - 2
G - 5

PROVIDE (9) 16' POLES.

FIXTURE SYMBOLS:

A & D — LED LIGHT MOUNTED UNDER GAS CANOPY

B — LED STRIP LIGHT MOUNTED IN GABLE

C — RECESSED LED DOWNLIGHT

E, F & G — POLE MOUNTED LED FIXTURE

FIXTURE TYPES:

A - LSI LIGHTING: SCV-LED-23L-SCFT-UNV-DIM-50-WHT
MOUNT FIXTURES WITH FORWARD THROW OPTIC AIMING AT STORE FRONT.

B - LED STRIP LIGHT MOUNTED IN GABLE
LITHONIA -TZL1N-L96

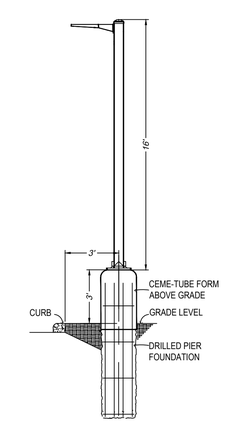
C - RECESSED LED DOWNLIGHT
GOTHAM EVO-35/30-8AR-WD-120-TRW

D - LSI LIGHTING: SCV-LED-15L-SC-UNV-DIM-50-WHT

E - LSI LIGHTING: SLM-LED-9L-SIL-2-UNV-50-70CRI-WHT

F - LSI LIGHTING: SLM-LED-9L-SIL-5W-UNV-50-70CRI-WHT

G - LSI LIGHTING: SLM-LED-9L-SIL-FT-UNV-50-70CRI-WHT-IL



LOT LIGHT ELEVATION DETAIL

NOT TO SCALE

POLE #8 IS FOR CAMERA ONLY, NO LIGHT FIXTURE.

2020-0195.11

GRAEF
275 West Wisconsin Avenue, Suite 300
Milwaukee, WI 53203
414 / 259 1500
414 / 259 0037 fax

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WAUNAKEE/WESTPORT JOINT PLAN COMMISSION SUMMARY SHEET

MEETING DATE: 03/10/2020

ITEM: NEW BUSINESS

TITLE: Public Hearing and Discussion/Action, Rezone (County R-1 to Village R-1) to Adjust Rear Setback for Addition, Budeau, 6091 Imperial Dr., Town of Westport

ISSUE SUMMARY: The owners wish to add on to the back of their lot along Imperial, that backs up to an open field. They are currently at, if not inside, the rear set back for the County R-1 classification in place on the property (50 feet). They would like to add on to the house by about 18.5 feet, which would require a rezone to Village R-1. This would provide for a 30 foot set back, and allow them to construct what they desire. Remember that this area is in the Waunakee ETZ so the County R-1 classification is seen as temporary to allow for a rezone to Village R-1. The map indicates also that their lot is somewhat odd shaped due to being at an intersection, The Budeas indicate the neighbors do not object, but we would probably want something in writing with their application should they proceed. This change is consistent with our comprehensive plan in that we are trying to move these areas to their ultimate zoning classification and not a temporary one. In the past you have allowed this with odd shaped lots and where there is no objection. The remaining set backs should stay the same also as you have done in other similar situations.

STAFF RECOMMENDATION: Staff recommends approval.

RECOMMENDED MOTION: Motion to recommend approval of the Budeau rezone of 6091 Imperial Drive to Village R-1 to the Waunakee Village Boad. as presented but keep all of the current setbacks except for the rear yard which shall comply with the Village R-1 classification requirements.

ATTACHMENT(S): Rezone request and Exhibit

Application for Rezoning

Applicants: Jim and Brenda Budeau

Property Address: 6091 Imperial Drive, Waunakee, WI 53597

Subdivision: River View Garden Estates

Date: 1/15/20

To: Westport Plan Committee and Westport/Waunakee Joint Plan Commission.

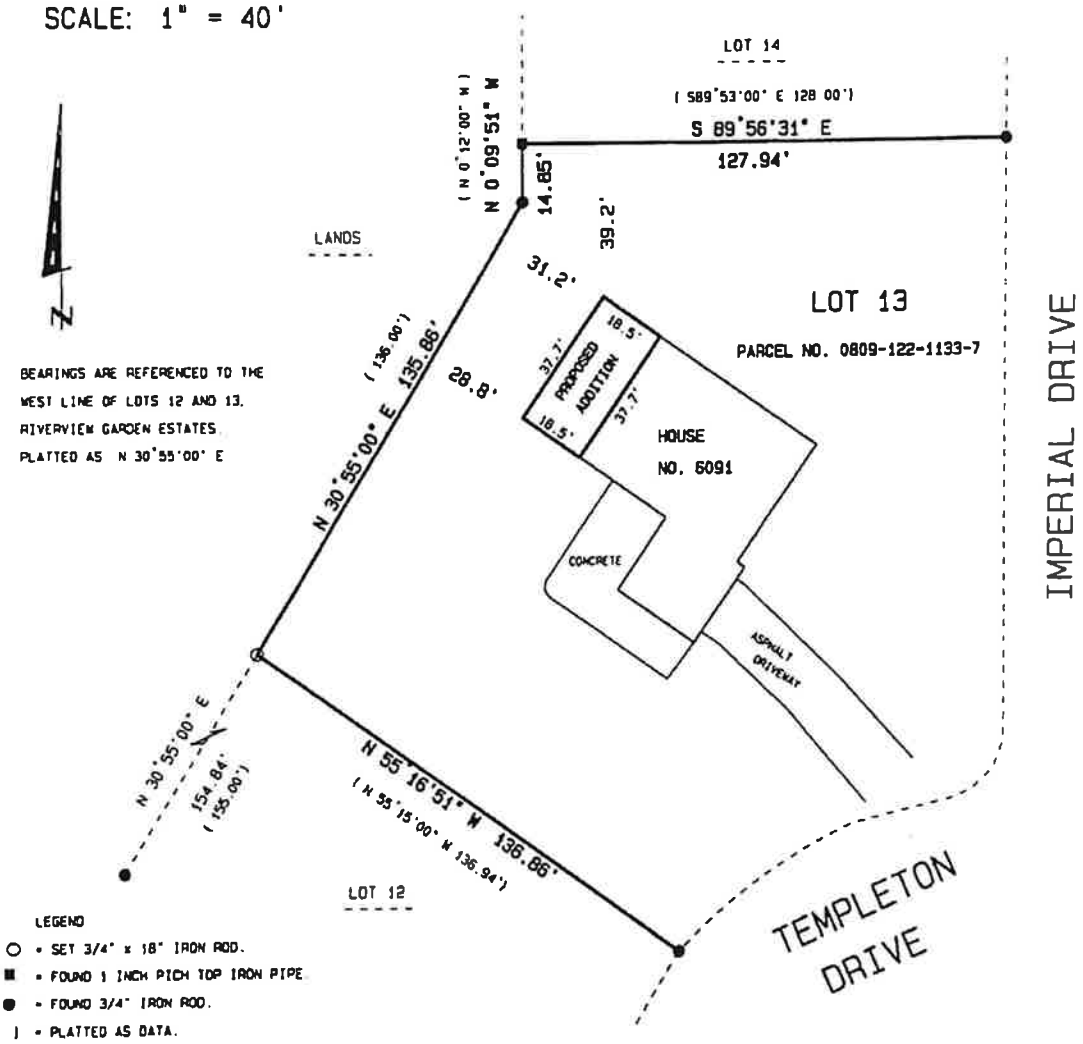
We are applying for the rezoning of our property for a desired 18'x37' addition to the back of our house. Our desired addition would be to extend the back portion (west side face) of our home approximately 18'. The current back face of our house to the back property line is approximately 50' (see provided Plat of Survey). Our desired addition would put the new back face of our house approximately 30' to the back property line.

The following are several reasons for this proposed addition versus the other options we have considered while consulting with a couple builders, such as adding a second level or a side wing. Doing the expansion to the back portion of our house would maintain the current look of the single level ranch style home versus adding a wing or second level which would dramatically change the look of the house. Expanding the back of the house would be much less costly versus adding a second level. In addition, we would very much like to keep our home as a single level due to the very windy conditions that occur frequently at our property. Lastly, expanding the back of our house would result in the least alteration of the view of our house and around our house for our neighbors versus adding a wing or second level. We have spoke with all our surrounding neighbors in regards to our desired addition of going past the 50' setback line to the approximate 30' line. We did not receive any objections during our conversations. We did advise all our neighbors they would be officially notified by the village and have the opportunity object at that time if they desired. At this time we feel confident that while there may be some questions, none of our neighbors will object to our proposed addition. Thank you for your time and consideration!

Sincerely,
Jim and Brenda

PLAT OF SURVEY

SCALE: 1" = 40'



BEARINGS ARE REFERENCED TO THE WEST LINE OF LOTS 12 AND 13, RIVERVIEW GARDEN ESTATES PLATTED AS N 30°55'00" E

LEGEND
- ○ = SET 3/4" x 18" IRON ROD.
- ■ = FOUND 1 INCH PICH TOP IRON PIPE
- ● = FOUND 3/4" IRON ROD.
- ( ) = PLATTED AS DATA.

DESCRIPTION:
SURVEY OF THE NORTH, SOUTH AND WEST LINES OF LOT 13, RIVERVIEW GARDEN ESTATES, LOCATED IN THE NE 1/4 OF THE NW 1/4 OF SECTION 12, T8N, R9E, TOWN OF WESTPORT, DANE COUNTY, WISCONSIN.

SURVEYED FOR:
JIM BUDEAU
6091 IMPERIAL DRIVE
WAUNAKEE, WI 53597

NOTES:
The disturbance of a survey stake by anyone is in violation of Section 236.32 of Wisconsin Statutes.
Wetlands if present have not been delineated.
This survey is subject to any and all easements and agreements both recorded and unrecorded.

SURVEYOR'S CERTIFICATE:
I, Kevin M. Radel, Wisconsin Registered Land Surveyor S-1852, do hereby certify that by the order of those listed hereon, I have surveyed, monumented and mapped the above described lands.

I do further certify that this is a true and correct representation of the boundaries of the lands surveyed, including any features shown hereon, and that I have fully complied with the Administrative Code No. 7.01 in surveying and mapping the same to the best of my knowledge and belief.

Kevin M. Radel
Registered Land Surveyor S-1852
Dated: JAN. 3, 2020

WISCONSIN KEVIN M. RADEL S-1852 WAUNAKEE, WI LAND SURVEYOR

PREPARED BY
ARROW *Land Surveying*
A Division of Radel and Associates, Inc.
109 Kingston Way
Waunakee, WI 53597
Tel: (608) 849-8116

Job No. 20R-02

WAUNAKEE/WESTPORT JOINT PLAN COMMISSION SUMMARY SHEET

MEETING DATE: 03/10/2020

ITEM: NEW BUSINESS

TITLE: Discuss and Take Action on Certified Survey Map, Napralla, 5531 Sunset Trail, Town of Westport

ISSUE SUMMARY: The Naparellas own property along Sunset that they would like to split in half. This would make their lot consistent with the size of the almost all lots up and down both sides of Sunset. We have split other lots on this side of Sunset to accomplish this in years past. Note that this lot as it currently exists matches up in size with the lot behind it on Woodland Drive. Also it is the same size as a corresponding bookend lot at the south end of Sunset and Mary Lake. Their proposal would create two 3/4 acre lots, again consistent with most of the lots in the Mary Lake neighborhood. We do not know how the neighbors feel about this. The lot is zoned County R-2. If you allow the split we could simply keep that classification on both lots since the entire area here is zoned County R-2. This would provide for consistency frankly, even though maintaining a temporary classification. If you did wish to rezone to a Village Classification since our Code does consider that proper in the Village ETZ area, we could come up with a proper classification, probably Village R-1 but keep the County R-2 set backs.

STAFF RECOMMENDATION: Staff recommends approval.

RECOMMENDED MOTION: Motion to recommend approval of the Napralla CSM for 5531 Sunset Trail to the Waunakee Village Board as presented with standard Town conditions and restrictions.

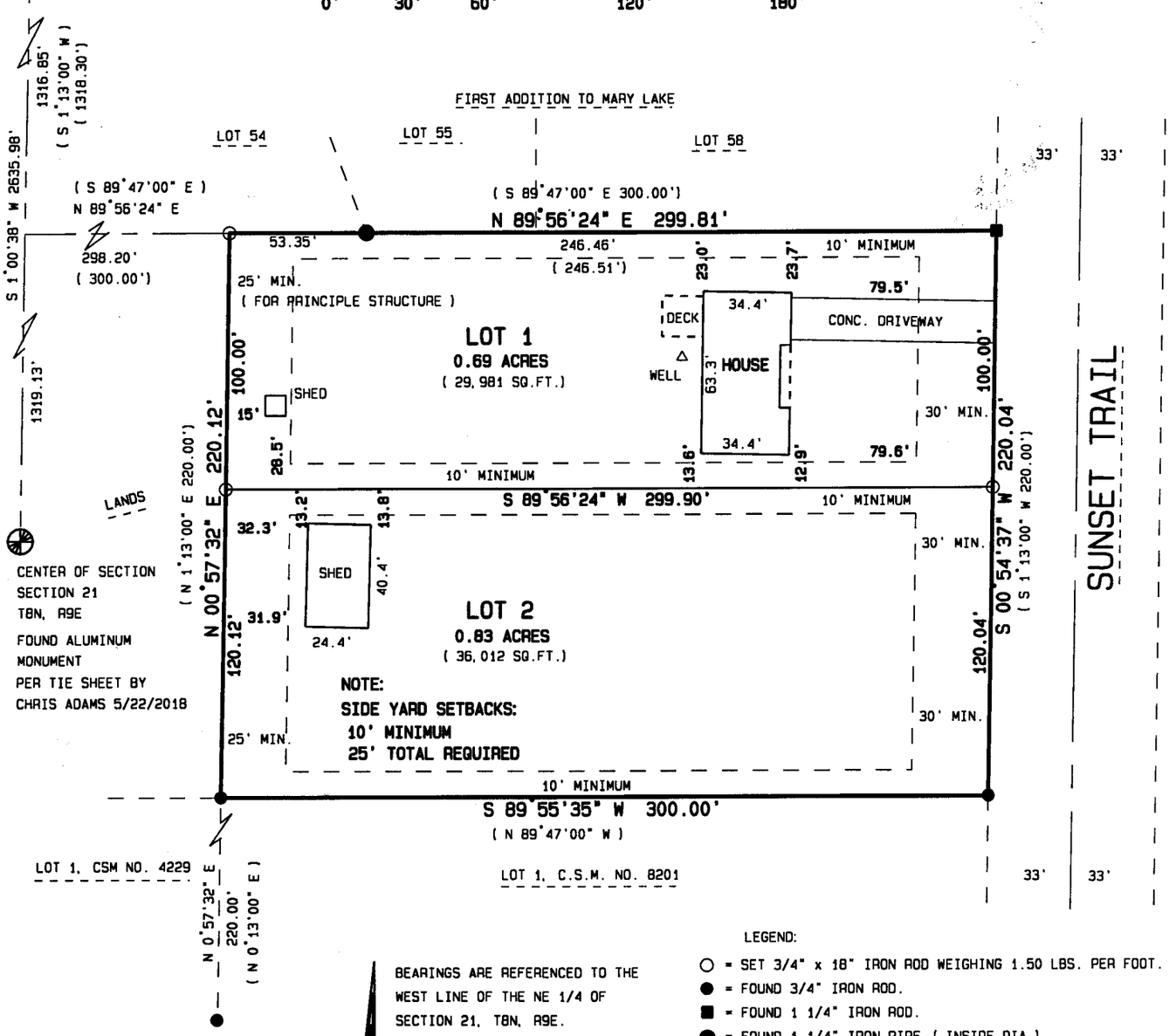
ATTACHMENT(S): Proposed CSM

CERTIFIED SURVEY MAP

LOCATED IN THE SW 1/4 OF THE NE 1/4 OF SECTION 21, T8N, R9E,
IN THE TOWN OF WESTPORT, DANE COUNTY, WISCONSIN.

SCALE: 1" = 60'

0' 30' 60' 120' 180'



BEARINGS ARE REFERENCED TO THE WEST LINE OF THE NE 1/4 OF SECTION 21, T8N, R9E.
BEARS: S 1°00'38" W (NAD83)

NOTE:
WITNESS TIES VERIFIED.

LEGEND:
○ = SET 3/4" x 18" IRON ROD WEIGHING 1.50 LBS. PER FOOT.
● = FOUND 3/4" IRON ROD.
■ = FOUND 1 1/4" IRON ROD.
● = FOUND 1 1/4" IRON PIPE (INSIDE DIA.)
( ) = PREVIOUSLY RECORDED AS DATA.

SURVEYED FOR:
GARY AND CHRISTINA NAPRALLA
203 KINGSTON WAY
WAUNAKEE, WI 53597

SURVEYED BY:
KEVIN M. RADEL
ARROW LAND SURVEYING
109 KINGSTON WAY
WAUNAKEE, WI 53597
608-849-8116

WISCONSIN
KEVIN M. RADEL
S-1852
WAUNAKEE, WI
LAND SURVEYOR

Feb. 19, 2020
K. M. Radel

CERTIFIED SURVEY MAP NO._____

VOLUME_____PAGE_____

DOCUMENT NO._____

PAGE 1 OF 4

JOB NO. 20R-18

CERTIFIED SURVEY MAP

SURVEYOR'S CERTIFICATE:
I, Kevin M. Radel, Registered Land Surveyor, hereby certify that in full compliance with the provisions of Chapter 236.34 Wisconsin Statutes, the subdivision regulations of the Town of Westport, and by the direction of the owners listed hereon, I have surveyed, divided and mapped a correct representation of the exterior boundaries of the land surveyed and the division of that land, being part of the SW ¼ of the NE ¼ of Section 21, T8N, R9E, Town of Westport, Dane County, Wisconsin, being further described as follows:

Part of the SW ¼ of the NE ¼ of Section 21, T8N, R9E, in the Town of Westport, Dane County, Wisconsin, being further described as follows:

Commencing at the North ¼ corner of said Section 21; thence S1°00'38"W 1316.85 feet along the west line of the NE ¼ of said Section 21; thence N89°56'24"E 298.20 feet along the south line of lots 53, 54, 55 and 58 and their extensions thereof, First Addition to Mary Lake, to the point of beginning.

Thence continue along said south line N89°56'24"E 299.81 feet to the west line of Sunset Trail; thence S00°54'37"W 220.04 feet along said west line to the northeast corner of Lot 1, Certified Survey Map No. 8201; thence S89°55'35"W 300.00 feet along the north line of said Lot 1, to the southwest corner of said Lot 1; thence N00°57'32"E 220.12 feet to the point of beginning.

Contains: This parcel contains 1.51 acres or 65,993 sq.ft. of land.

Date Feb. 19, 2020

Kevin M. Radel
Registered Land Surveyor S-1852

WISCONSIN
KEVIN M.
RADEL
S-1852
WAUNAKEE,
WI
LAND SURVEYOR

NOTES:

This survey is subject to easements and agreements both recorded and unrecorded, if any.

All lots on this C.S.M. shall connect to the municipal water utility should the service ever extend to the property and connect to the existing sanitary sewer, both at the owner's expense and without challenge.

CERTIFIED SURVEY MAP

OWNER'S CERTIFICATE:

As owners, we hereby certify that we have caused the land described on this Certified Survey Map to be surveyed, divided and mapped as represented on this Certified Survey Map. We also certify that this certified survey map is required by and must be submitted to the Township of Westport and the Village of Waunakee for approval.

_____
Gary E. Napralla

_____
Christina M. Napralla

STATE OF WISCONSIN)
County of Dane)

Personally came before me this_____day of_____, 2020, Gary E. Napralla and Christina M. Napralla to me well known to be the persons who executed the foregoing instrument and acknowledge the same.

_____
Notary public Wisconsin

My commission expires_____

WISCONSIN
KEVIN M.
RADEL
S-1852
WAUNAKEE,
WI
LAND SURVEYOR

2-19-2020
K. M. Radel

CERTIFIED SURVEY MAP

TOWN BOARD RESOLUTION:
Resolved that this Certified Survey Map has been acknowledged and approved by the Town Board of the Town of Westport on this _____day of_____, 2020.

_____
Thomas G. Wilson
Town Clerk

VILLAGE OF WAUNAKEE APPROVAL:
Resolved that this Certified Survey Map in the Town of Westport is hereby acknowledged and approved by the Village of Waunakee on this_____day of_____, 2020.

_____
Caltlin Stene
Village Clerk

Received for recording this _____day of_____, 2020 at _____
o'clock____.M. and recorded in Volume _____of Dane County Certified Surveys on pages
_____.

_____
Kristi Chlebowski
Dane County Register of Deeds

WISCONSIN
KEVIN M.
RADEL
S-1852
WAUNAKEE,
WI
LAND SURVEYOR

2-19-2020
Kevin M. Radel

DOCUMENT NO._____

CERTIFIED SURVEY MAP NO._____