



September 26, 2018

DNR Project No. DC-0196

Mr. Mike Rupiper, PE
Director of Environmental Resources Planning
Capital Area Regional Planning Commission
210 Martin Luther King Jr. Blvd., Room 362
Madison, WI 53703

Subject: Dane County WQM Plan City of Madison (CUSA) - CARPC #1801EC, DNR DC-0196

Dear Mr. Rupiper:

We have reviewed the subject sewer service area [amendment request from the city of Madison](#) to revise the environmental corridor boundaries of the Central Urban Service Area (CUSA) submitted in July 2018 as well as the Capital Area Regional Planning Commission (CARPC) [staff analysis and recommendations](#) provided to the department in August 2018.

The environmental corridor proposed to be amended in the CUSA is a 2.57-acre property located at 5404 Voges Road in the City of Madison. The city, on behalf of the property owner, TNT of McFarland, LLC, is requesting a variance to the environmental corridor map to allow grading and impervious area within the 75-foot buffer and grading within the 30-foot no-grade portion of the setback. See Map 1. The following actions were proposed by the developer to mitigate for the reduced no grading zone:

- Enhanced native vegetation will be installed by the developer to the buffer zone to mitigate for the reduced buffer width (subject to approval by the City of Madison Engineering Division and CARPC staff).
- Enhanced erosion control will be provided (subject to approval by the City of Madison Engineering Division and CARPC staff).
- No parking be allowed within 75-feet of the wetland.
- No further encroachments of the building or rear patio will be allowed.

The Department finds that the proposed amendment is consistent with water quality standards under section 281.15, Wis. Stats., and is hereby approved with the following conditions as recommended by CARPC in their August 2018 letter titled [Water Quality Management Letter for Environmental Corridor Amendment Request #1801EC-CUSA-Madison](#):

The city of Madison will demonstrate continued commitment to pursue the following:

- Submit a revised site plan for CARPC review maintaining a minimum 75-foot parking lot setback from the delineated wetland edge in accordance with the City's application for this environmental corridor amendment.
- Require the provision of a level spreader or similar practice to spread the flow of water discharging toward the wetland.
- Require that the vegetated buffer be maintained in dense native vegetation at a height of at least 6 inches.

- Require a restoration and native vegetation management plan for the wetland buffer be recorded as part of the stormwater management maintenance agreement.
- Consider requiring/encouraging the use of permeable pavement for the north patio and parking surfaces, where slopes are appropriate.

The Department also supports the recommendation that the City of Madison pursue the following:

- Evaluate and improve the process for reviewing Environmental Corridors and other Water Quality Plan conditions of approval as part of the City's internal development review.

Statewide AWQM Plan Amendment

This amendment is a formal update to the state's Areawide Water Quality Management Plan and the Dane County WQM Plan and will be forwarded to the US Environmental Protection Agency to meet the requirements of the Clean Water Act of 1987 (Public Law 92-500 as amended by Public Law 95-217) and outlined in the federal regulations 40 CFR, Part 35. This review is an integrated analysis action under s. NR 150.20 (2) (a) 3, Wis. Adm. Code. By means of this review, the Department has complied with ch. NR 150, Wis. Adm. Code, and with s. 1.11, Wis. Stats. The approval of this sewer service area amendment does not constitute approval of any other local, state, or federal permit that may be required for sewer construction or associated land development activities.

Appeal Rights:

Wisconsin statutes and administrative rules establish time periods within which requests to review Department decisions must be filed. For judicial review of a decision pursuant to sections 227.52 and 227.53, Wis. Stats., a party has 30 days after the decision is mailed, or otherwise served by the Department, to file a petition with the appropriate circuit court and serve the petition on the Department. Such a petition for judicial review must name the Department of Natural Resources as the respondent.

To request a contested case hearing pursuant to section 227.42, Wis. Stats., a party has 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources. All requests for contested case hearings must be made in accordance with section NR 2.05(5), Wis. Adm. Code, and served on the Secretary in accordance with section NR 2.03, Wis. Adm. Code. The filing of a request for a contested case hearing does not extend the 30 day period for filing a petition for judicial review.

Sincerely,

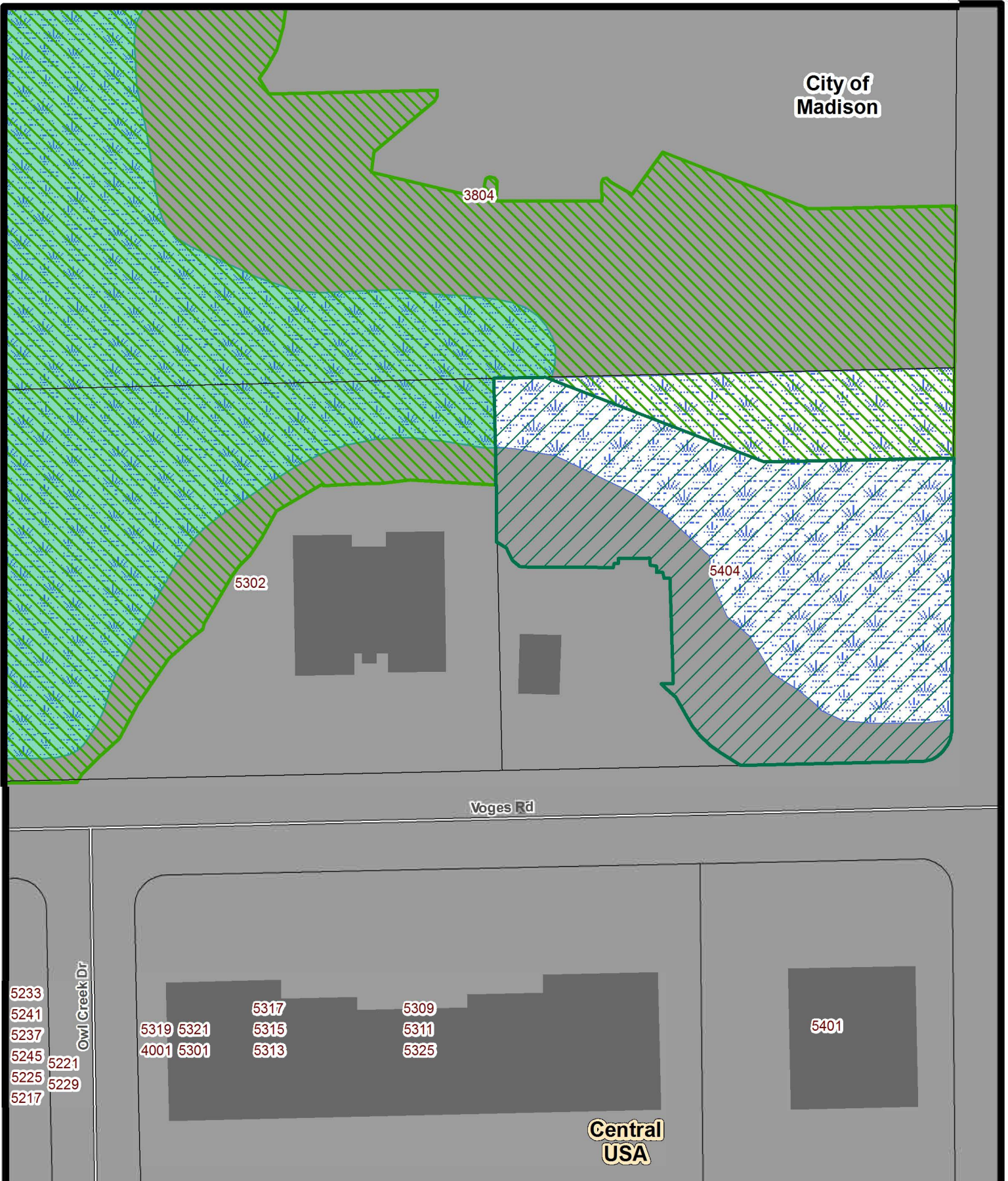


Timothy R. Asplund
Monitoring Section Chief
Bureau of Water Quality

cc:





City of Madison
Mike Sorge – DNR – SD
Greg Searle – DNR WQ/3
Andrew Simek – DNR - LS/8
Lisa Helmuth – DNR – WQ/3

Linnea Rock – DNR – WQ/3
Timothy Parks – City of Madison Planning Division
Larry Palm, CARPC Executive Chairperson
Kris Hampton, CARPC Secretary
Dave Taylor, MMSD Director of Ecosystem Services



Map 1 Amendment Area

Proposed Amendment to the
Dane County Water Quality Plan,
Requesting a Variance to the Environmental
Corridors in the City of Madison.

-  Existing Environmental Corridor
-  Environmental Corridor to be Added (1.7 acres)
-  DNR Wetland Inventory
-  Wetland Delineation - 2013

Date: 08/02/2018

0 100
Feet



Prepared by staff
of the CARPC.



210 Martin Luther King Jr. Blvd. Room 362 Madison, WI 53703 Phone: 608-266-4137 Fax: 608-266-9117 www.CapitalAreaRPC.org info@CapitalAreaRPC.org

August 9, 2018

Mr. Timothy R. Asplund
Monitoring Section Chief
WDNR – Bureau of Water Quality
101 S. Webster Street
Madison, WI 53707-7921

Re: Water Quality Management Letter for Environmental Corridor Amendment Request
#1801EC – CUSA - Madison

Dear Mr. Asplund,

On July 6, 2018, the City of Madison submitted an amendment application to the Capital Area Regional Planning Commission requesting a revision to the environmental corridor boundaries of the Central Urban Service Area. The proposed environmental corridor amendment is located at a new commercial building site for Automated Arts, at 5404 Voges Road in the City of Madison. A 2013 wetland delineation identified more extensive wetlands than previously mapped in the Wisconsin Wetland Inventory. The proposed site plan would provide a 30 foot minimum width vegetated buffer for the wetlands, which is less than the 75 foot minimum width adopted in the environmental corridor policies and criteria of the *Dane County Water Quality Plan*. The City, on behalf of the property owner, is also seeking approval to grade within 30 feet of the wetland. Both requests require a variance to the environmental corridor policies and criteria adopted in the *Dane County Water Quality Plan*. A public hearing was held on the proposed amendment at the August 9, 2018 meeting of the Capital Area Regional Planning Commission. The City's application and the Commission staff's analysis report of the proposed amendment have been submitted to the Department's Surface Water Integrated Monitoring System.

It is the Capital Area Regional Planning Commission staff's opinion that the proposed amendment is consistent with water quality standards under Wis. Stat. § 281.15, with the conditions of approval identified below. Additional actions have also been recommended below to further improve water quality and environmental resource management.

At our August 9, 2018 meeting, the Capital Area Regional Planning Commission voted to recommend approval of this amendment to the Wisconsin Department of Natural Resources, based on the City's submittal, and conditioned on the continued commitment of the City of Madison to pursue the following:

1. Submit a revised site plan for CARPC review maintaining a minimum 75-foot parking lot setback from the delineated wetland edge in accordance with the City's application for this environmental corridor amendment.
2. Require the provision of a level spreader or similar practice to spread the flow of water discharging toward the wetland.
3. Require that the vegetated buffer be maintained in dense native vegetation at a height of at least 6 inches.
4. Require a restoration and native vegetation management plan for the wetland buffer be recorded as part of the stormwater management maintenance agreement.
5. Consider requiring/encouraging the use of permeable pavement for the north patio and parking surfaces, where slopes are appropriate.

It is also recommended that the City of Madison pursue the following:

1. Evaluate and improve the process for reviewing Environmental Corridors and other Water Quality Plan conditions of approval as part of the City's internal development review.

If you have any questions regarding this matter, please do not hesitate to contact Mike Rupiper, the Commission's Director of Environmental Resources Planning.

Sincerely,

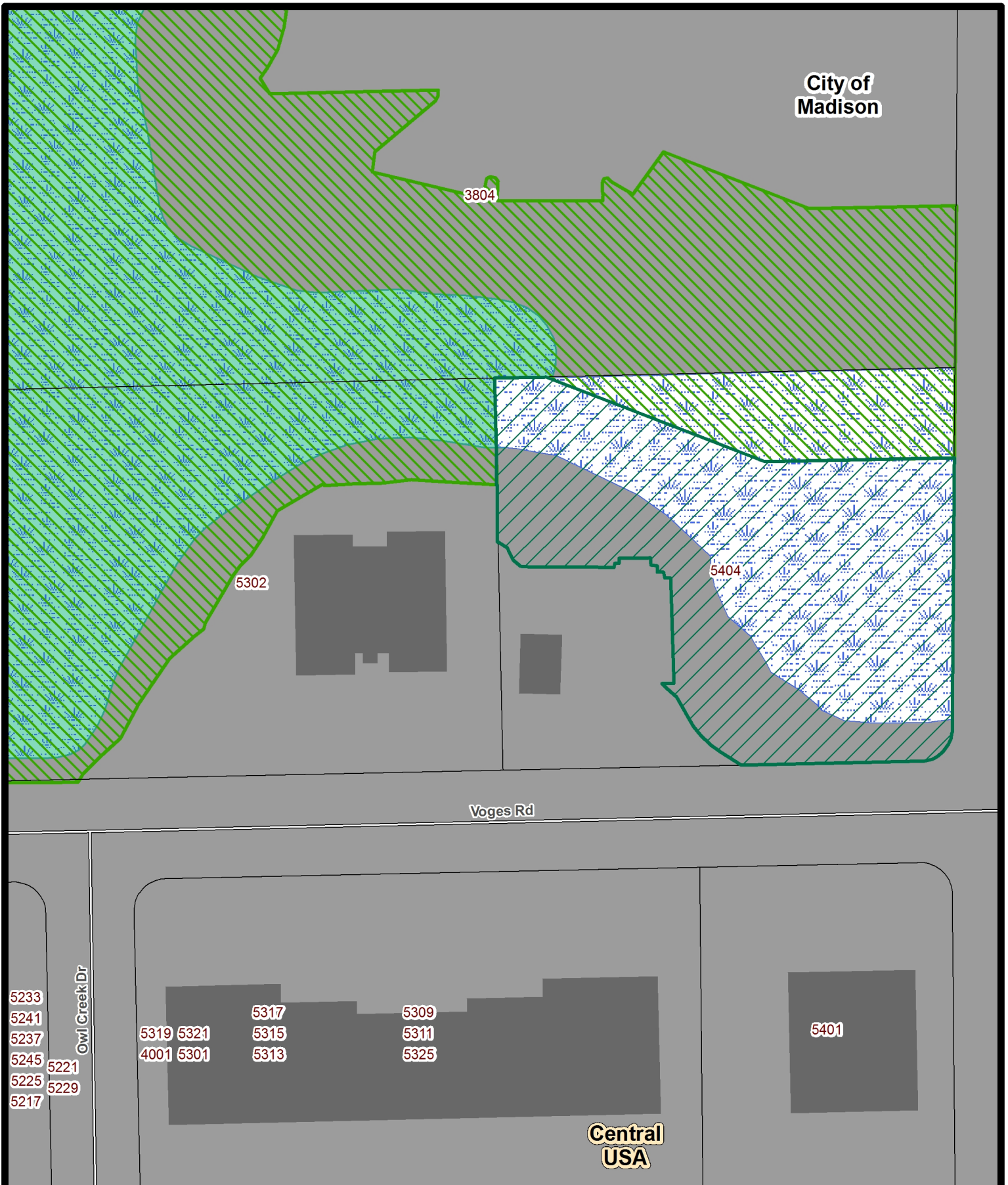


Larry Palm
Executive Chairperson







Kris Hampton
Secretary

cc: Mr. Timothy Parks, City of Madison Planning Division



Map 1 Amendment Area

Proposed Amendment to the
Dane County Water Quality Plan,
Requesting a Variance to the Environmental
Corridors in the City of Madison.

-  Existing Environmental Corridor
-  Environmental Corridor to be Added (1.7 acres)
-  DNR Wetland Inventory
-  Wetland Delineation - 2013

Date: 08/02/2018

0 100
Feet



Prepared by staff
of the CARPC.



Department of Planning & Community & Economic Development

Planning Division

Heather Stouder, Director

126 S. Hamilton Street
P.O. Box 2985
Madison, Wisconsin 53701-2985
Phone: (608) 266-4635
www.cityofmadison.com

VIA E-MAIL ONLY

July 6, 2018

Mike Rupiper, PE
Director of Environmental Resources Planning
Capital Area Regional Planning Commission
210 Martin Luther King Jr. Blvd., Room 362
Madison, Wisconsin 53703

RE: Environmental corridor on 5404 Voges Road, City of Madison

Dear Mr. Rupiper;

At the request of the property owner, TNT of McFarland, LLC, the City of Madison is hereby requesting to amend the Dane County Water Quality Plan Environmental Corridor Map to allow grading and impervious area within the 75-foot wetland buffer as mapped on a 2.57-acre property located at 5404 Voges Road in the City of Madison, and for grading to occur within the 30-foot "no-grade" portion of the setback.

The property owner has requested permits from the City to construct an 8,000 square-foot commercial building on the subject property. The proposed building, a rear patio space, and detention facility are proposed within 75 feet of a wetland delineated by Stantec on the subject property and an adjoining parcel addressed as 5302 Voges Road in April 2013. A grading plan submitted with the permit application calls for grading for the project to encroach within 30 feet of the wetland. Copies of the relevant sheets from the submitted plans are attached for reference.

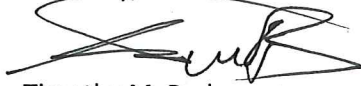
The 75-foot setback requirement was established as a condition of the Marsh Road neighborhood being added to the Central Urban Service Amendment by Dane County Regional Planning Commission Resolution No. 208 on February 24, 2000, which specified that all wetland areas and a 75-foot setback be included in environmental corridors. The Wisconsin Department of Natural Resources approved the CUSA expansion in a letter dated April 28, 2000.

To mitigate for the reduced no grading zone, an enhanced native vegetation will be installed by the developer in the buffer zone to mitigate for the reduced buffer width. Enhanced erosion control will also be provided. Both mitigation measures will be subject to the approval of the City of Madison Engineering Division and CARPC staff. Also, no parking will be allowed within 75 feet of the wetland, and no further encroachments of the building or rear patio will be allowed. At the direction of the Secretary of the Plan Commission, an affidavit of correction will also be recorded to Certified Survey Map 13840 to correctly reflect the 75-foot setback requirement from the delineated setback (a 30-foot *offset* was incorrectly included on the recorded version).

Enviro. Corridor Amendment
Re: 5404 Voges Road,
City of Madison
July 6, 2018
Page 2

If you have any questions about the above request, please do not hesitate to contact me at 261-9632.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tim Parks', written over a horizontal line.

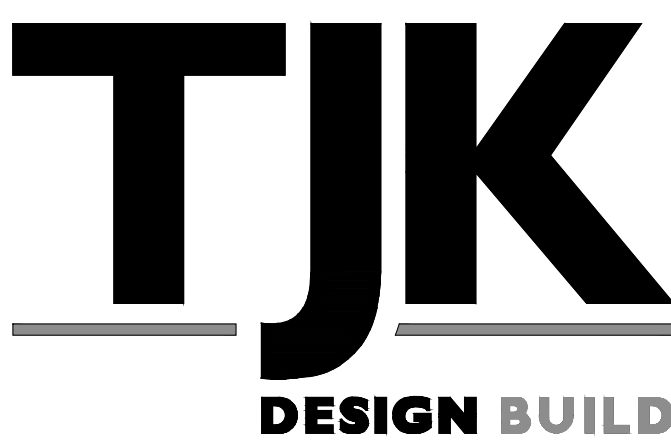
Timothy M. Parks
Planner

cc: Greg Fries, City Engineering Division
Phil Gaebler, City Engineering Division
Heather Stouder, Planning Division
Tim Neitzel, TNT of McFarland, LLC
John Bieno, on behalf of TNT of McFarland, LLC

PROPOSED FACILITY FOR:

AUTOMATION ARTS

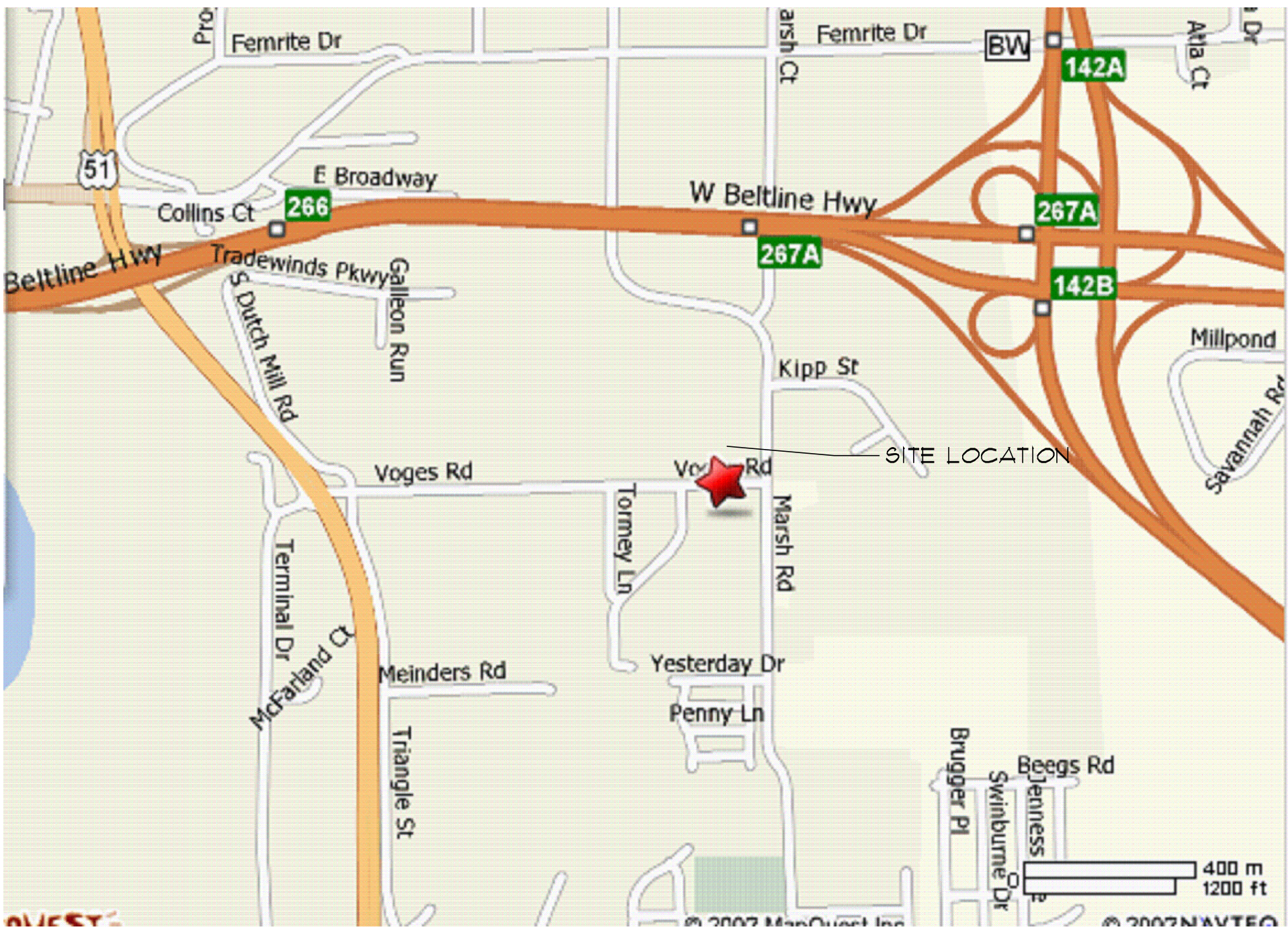
5404 VOGES ROAD
Madison, Wisconsin



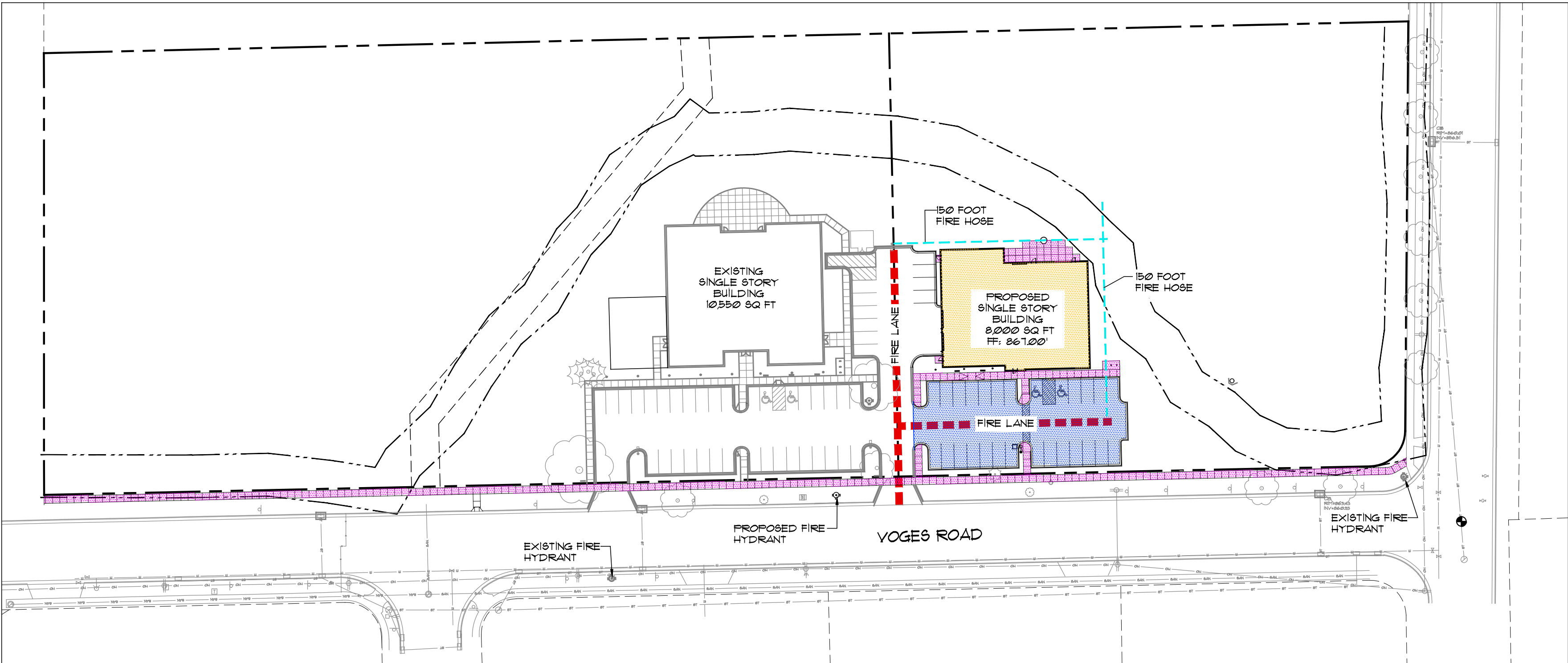
TJK Design Build
612 W. Main SUITE 202
Madison, WI 53703
608-257-1090 FAX 608-257-1092

INDEX OF DRAWINGS:

- C-1.1 PROPOSED SITE PLAN
- C-1.2 GRADING PLAN
- C-1.3 EROSION CONTROL PLAN
- C-1.4 SITE UTILITY PLAN
- C-1.5 SIDEWALK PLAN
- C-1.6 PHOTOMETRIC PLAN
- C-1.7 LANDSCAPE PLAN
- C-2.1 SITE DETAILS
- C-2.2 SITE DETAILS
- C-2.3 SITE DETAILS
- C-2.4 SITE DETAILS
- A-1.1 FLOOR PLAN
- A-1.2 REFLECTED CEILING PLAN
- A-1.3 FINISH PLAN
- A-1.4 ROOF PLAN
- A-2.1 EXTERIOR ELEVATIONS



SITE LOCATION MAP

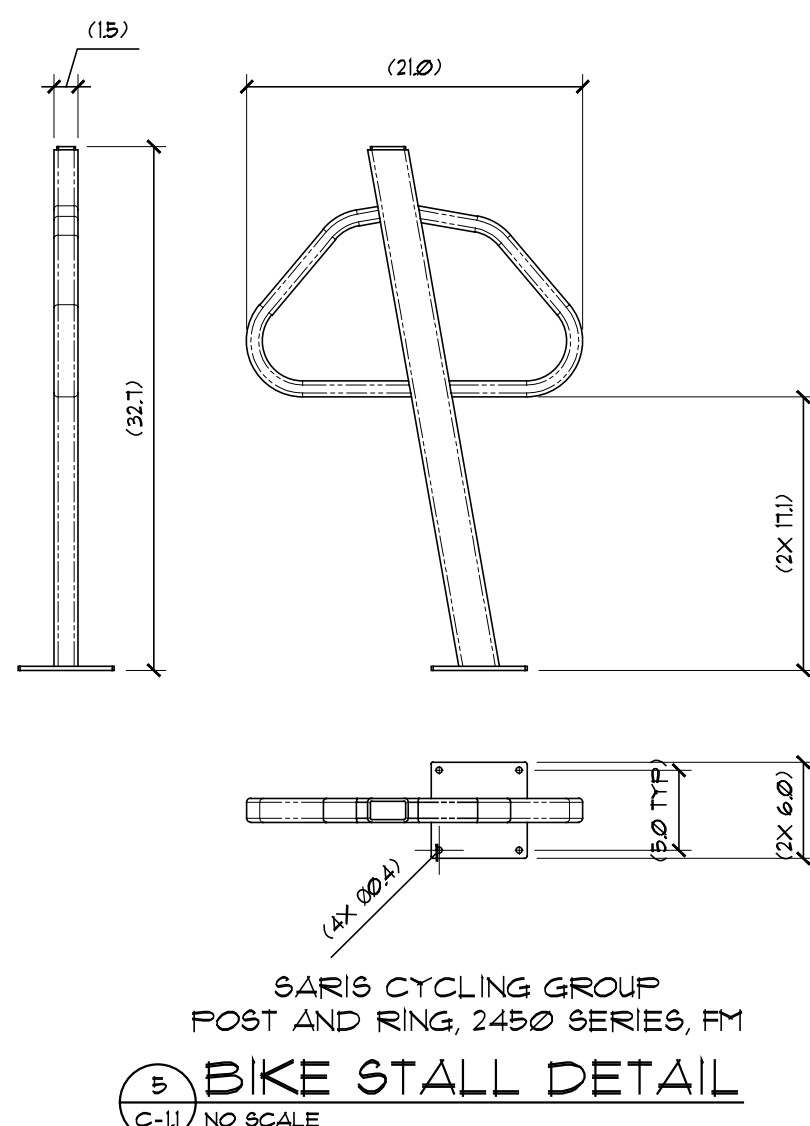


FIRE APPARATUS PLAN
SCALE: 1" = 60'-0"

SITE INFORMATION	
SITE SIZE	11,912 SQ FT
BLDG AREA	8,000 SQ FT
PARKING AND WALKS	13,058 SQ FT
FLOOR AREA RATIO	1.15%
IMPERVIOUS SURFACE RATIO	18.82%

A red circular prohibition sign with a diagonal slash. Inside the circle is a black line drawing of a shovel and a pickaxe, indicating that digging or excavation is prohibited.

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



CELEBRATING
25
YEARS

612 WEST MAIN STREET
MADISON, WI 53703
608-257-1090
FAX 608-257-1092

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REV	DAT
	3.27.1

PROPOSED FACILITY FOR:
AUTOMATION ARTS

5404 VOGES ROAD
MADISON, WISCONSIN

C-1.1

2.15.18

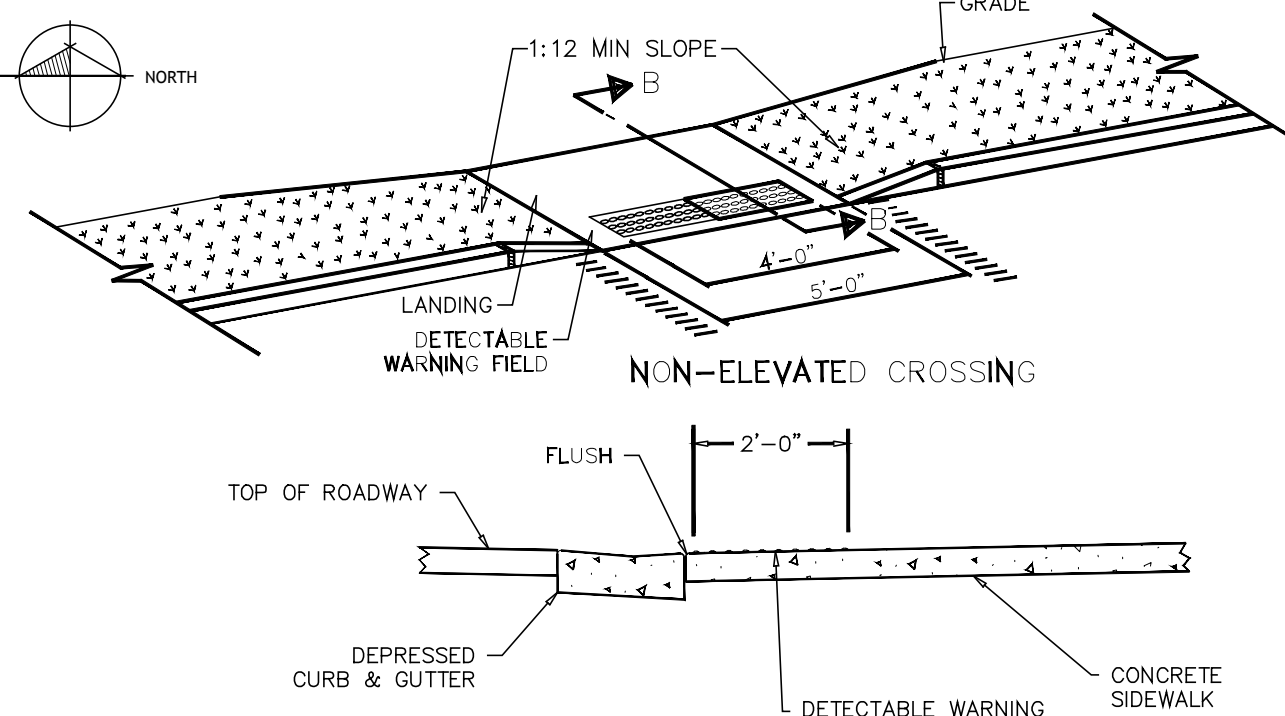
LIGHT FIXTURE KEY

COOPER LIGHTING INDUSTRIES, LUMARK 250W MP SINGLE HEAD PLANKING LOT LIGHT (12'-0" FROM GRADE), MODEL #MFR-38-250-208V-BZ-HS (10'-0" FROM GRADE)
COOPER LIGHTING INDUSTRIES, MCGRAW-EDISON 36" 10W MP LIGHT BOLLARD (3'-0" FROM GRADE), MODEL #BRL-36-10-WF-208-BZ
COOPER LIGHTING INDUSTRIES, HALO 100W 4" RECESSED CAN LIGHT FIXTURE (10'-0" FROM GRADE), MODEL #FDV-6-100E
COOPER LIGHTING INDUSTRIES, MCGRAW-EDISON 10W MP WALL-PAC LIGHT FIXTURE (10'-0" FROM GRADE), MODEL #SC-10-WF-208-BZ
COOPER LIGHTING INDUSTRIES, MCGRAW-EDISON 10W MP WALL-PAC LIGHT FIXTURE (12'-0" FROM GRADE), MODEL #SC-10-WF-208-BZ
COOPER LIGHTING INDUSTRIES, MCGRAW-EDISON 10W MP WALL-PAC LIGHT FIXTURE (16'-0" FROM GRADE), MODEL #SC-10-WF-208-BZ

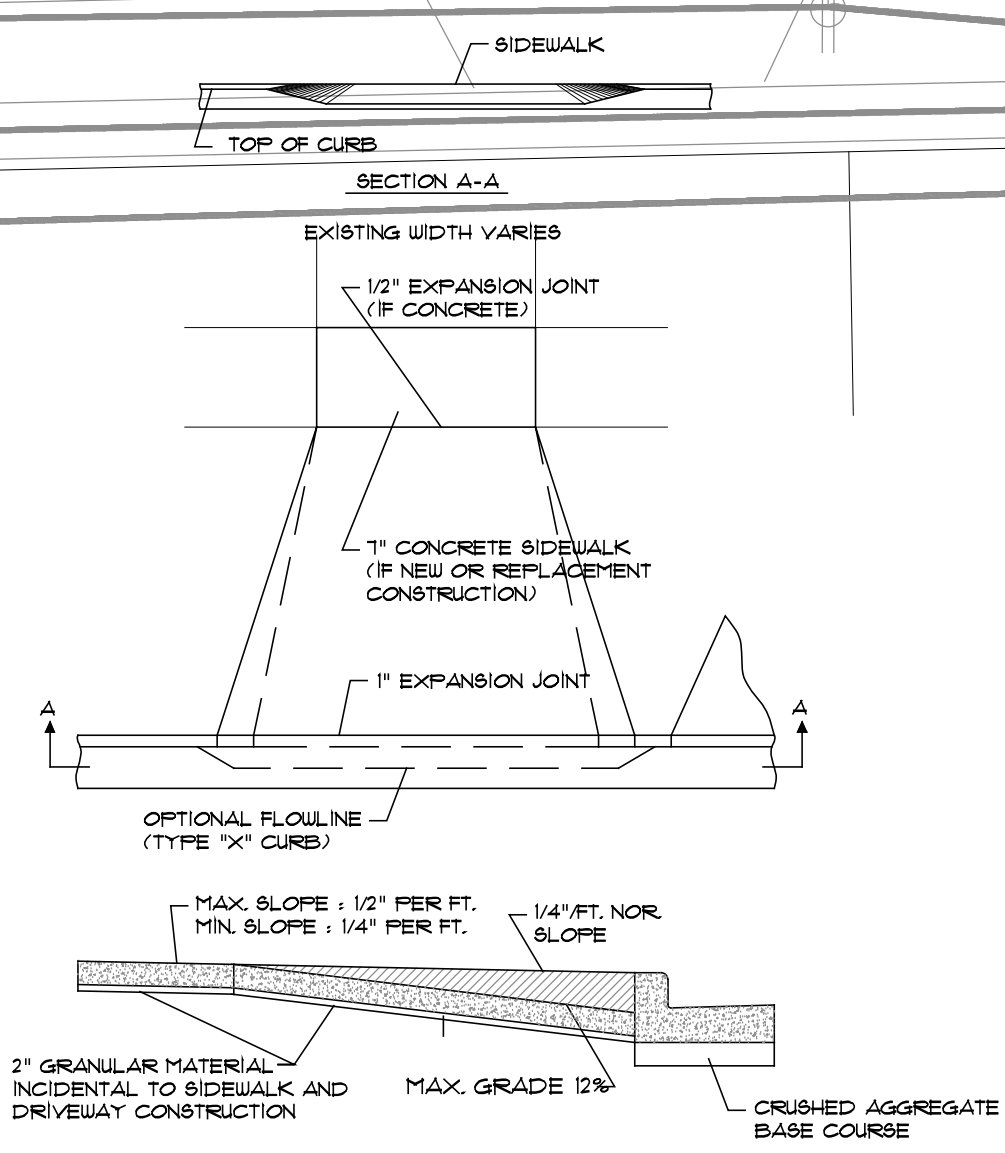
SITE PLAN
SCALE: 1" = 20' - 0"

0 10' 20'

SCALE 1" = 20'-0"



2 ADA RAMP AT SIDEWALK
C-1.1 SCALE: N.T.S.



3 COMMERCIAL DRIVEWAY DETAIL

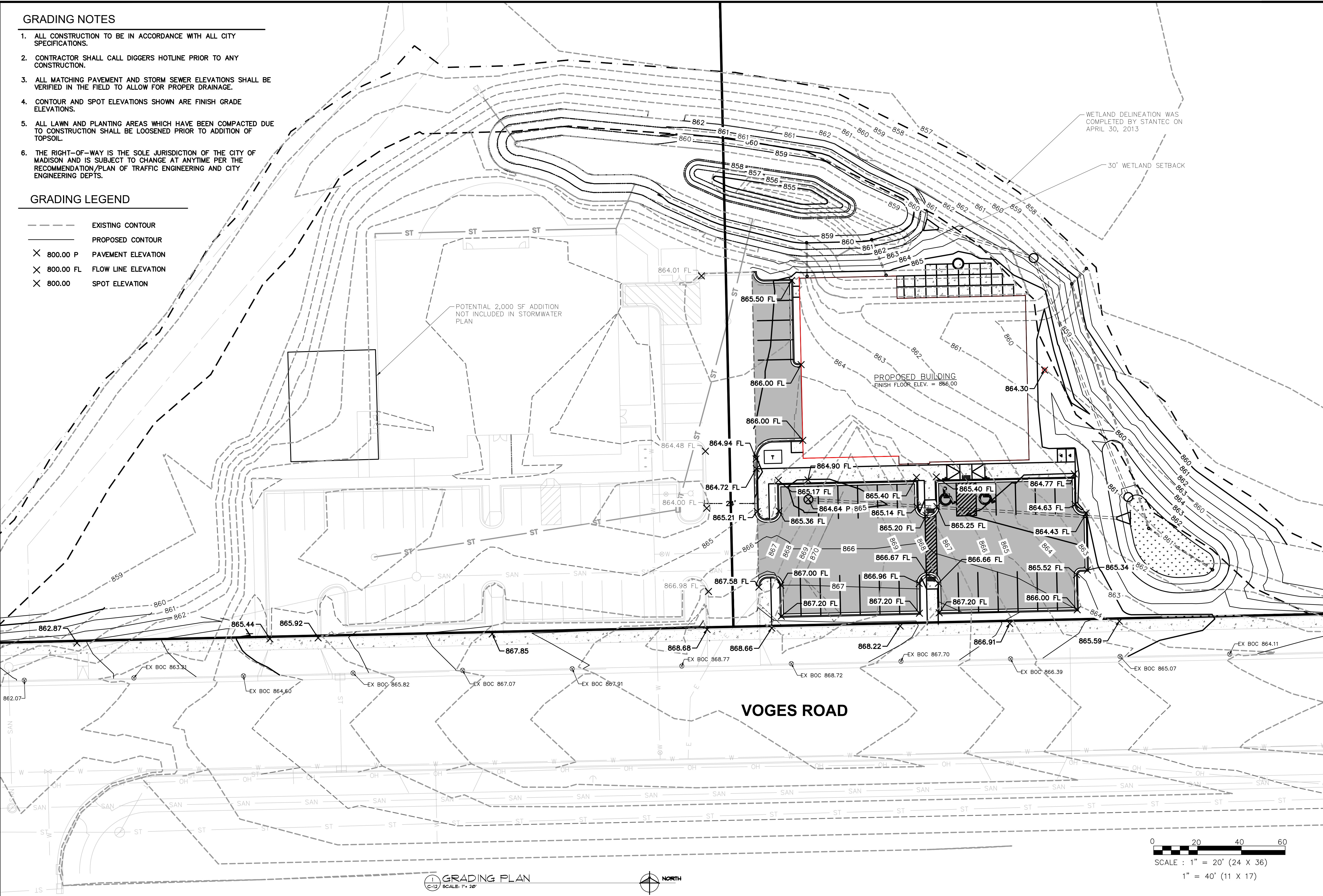
- ALL PAINT STRIPPING SHALL BE 4" WIDE, COLOR TO MATCH EXISTING
4. HOLE CUTS AND RAYS PER AREA REC. AT MAX. SPACING TO BE 1/2" MIN. WIDTH TO BE 36" FLARE SIDES PER EACH SIDE WITH MAX. SLOPE OF 1:10. AREA TO BE COLORED CONCRETE WITH TEXTURE IN COMPLIANCE WITH AREA REQUIREMENTS
5. ALL DIMENSIONS ARE FROM FACE OF CONCRETE WALL, FACE OF CURB OR CENTER OF PROPERTY LINE.
6. BITUMINOUS PAVING IS 3" SURFACE COURSE ON 8" COMPACTED STONE BASE
7. ALL EXTERIOR CONCRETE SIDEWALKS TO BE 6" BAG MIX WITH WESTERN FINISH 4" THICK W/ W/UP REINFORCING ON 6" COMPACTED FILL.
8. WATER SERVICE MATERIAL SHALL BE CL 52 D).
9. SEWER AND WATER CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION
10. FIRE PROTECTION SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FIRE DEPARTMENT
9. SIDEWALKS AND DRIVEWAY APRON CONSTRUCTION WITHIN THE PUBLIC RIGHTS OF WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
10. DURING CONSTRUCTION REMOVE CASTING GRATE ON ALL CATCH BASINS NEARBY. PROVIDE PERMISSIBLE MATERIAL FOR SILT INTRAPATOR PROTECTION AND REINSTALL CASTING GRATE. SECURE MEMBRANE IN FLOW LINE WITH 2X4 MATERIAL, MINIMUM
11. EXISTING WATER MAIN VALVES SHALL BE MARKED AND PROTECTED FOR DURATION OF CONSTRUCTION
12. SLOPES GREATER THAN 3:1 SHALL BE LINED WITH EROSION MATTING
13. TRACKED MATERIAL SHALL BE COLLECTED BY THE GENERAL CONTRACTOR AT THE END OF EACH WORKING DAY OR AS REQUIRED BY THE CITY
14. PROVIDE KNOX BOX FOR THE FIRE DEPARTMENT, CO-ORDINATE LOCATION WITH FIRE DEPARTMENT PRIOR TO INSTALLATION.
15. ALL "STOP" SIGNS ARE TO BE INSTALLED AT A HEIGHT OF 7 FEET AT ALL DRIVEWAY APPROACHES BEHIND THE PROPERTY LINE
16. THE PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED A MINIMUM OF 48 HOURS BEFORE THE START OF WORK IN THE RIGHT OF WAY OR UTILITY CONNECTIONS
17. EXISTING STREET TREES SHALL BE PROTECTED, CONTRACTOR SHALL INSTALL TREE PROTECTION FENCING AT LEAST 5 FT FROM THE OUTSIDE EDGE OF THE TREE TRUNK. TREE PROTECTION IS PERMITTED WITHIN 5 FEET OF THE OUTSIDE EDGE OF A TREE TRUNK. IF EXCAVATION WITHIN 5 FEET OF ANY TREE IS NECESSARY, CONTRACTOR SHALL CONTACT CITY FORESTRY (734-4896) PRIOR TO EXCAVATION TO ASSESS THE IMPACT TO THE TREE AND ROOT SYSTEM. TREE PRUNING SHALL BE COORDINATED WITH CITY FORESTRY. TREE PROTECTION SPECIFICATIONS SHALL BE FOUND IN SECTION 10713 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

GRADING NOTES

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY SPECIFICATIONS.
2. CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION.
3. ALL MATCHING PAVEMENT AND STORM SEWER ELEVATIONS SHALL BE VERIFIED IN THE FIELD TO ALLOW FOR PROPER DRAINAGE.
4. CONTOUR AND SPOT ELEVATIONS SHOWN ARE FINISH GRADE ELEVATIONS.
5. ALL LAWN AND PLANTING AREAS WHICH HAVE BEEN COMPACTED DUE TO CONSTRUCTION SHALL BE LOOSENEED PRIOR TO ADDITION OF TOPSOIL.
6. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANYTIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPTS.

GRADING LEGEND

- EXISTING CONTOUR
--- PROPOSED CONTOUR
X 800.00 P PAVEMENT ELEVATION
X 800.00 FL FLOW LINE ELEVATION
X 800.00 SPOT ELEVATION



PROFESSIONAL ENGINEERING
818 N Meadowbrook Ln
Waunakee, WI 53562
phone (608) 849-9378
fax (608) 237-2129

612 WEST MAIN STREET
MADISON, WI 53703
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REV DATE

PROPOSED FACILITY FOR:
AUTOMATION ARTS
5404 VOGES ROAD
MADISON, WISCONSIN

C-1.2

3.23.18

EROSION CONTROL NOTES

(1) THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN EROSION CONTROL DEVICES FROM THE START OF LAND DISTURBING CONSTRUCTION ACTIVITIES UNTIL FINAL STABILIZATION OF THE CONSTRUCTION SITE.

(2) ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF MADISON EROSION CONTROL AND STORMWATER ORDINANCE AND THE APPROPRIATE WISCONSIN DNR CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS. THE VILLAGE RESERVES THE RIGHT TO REQUIRE ADDITIONAL EROSION CONTROL MEASURES AS CONDITIONS WARRANT.

(3) CLEANING. RIGHT-OF-WAY SURFACES SHALL BE THOROUGHLY CLEANED BEFORE THE END OF EACH WORKING DAY.

(4) RESTORATION. RESTORATION SHALL BE COMPLETED AS NOTED IN THE CONSTRUCTION SCHEDULE UNLESS OTHERWISE AUTHORIZED BY THE CITY.

(5) INSPECTION. THE CONTRACTOR SHALL INSPECT EROSION AND SEDIMENT CONTROL PRACTICES WEEKLY, AND WITHIN 24 HOURS FOLLOWING A RAINFALL OF 0.5 INCHES OR GREATER. DOCUMENTATION OF EACH INSPECTION SHALL INCLUDE THE TIME, DATE AND LOCATION OF INSPECTION, THE PHASE OF LAND DISTURBANCE AT THE CONSTRUCTION SITE, PERSON CONDUCTING THE INSPECTION, ASSESSMENT OF CONTROL PRACTICES, AND A DESCRIPTION OF ANY EROSION OR SEDIMENT CONTROL MEASURE INSTALLATION.

(6) STONE TRACKING PAD. BEFORE BEGINNING CONSTRUCTION, CONTRACTOR SHALL INSTALL A STONE TRACKING PAD AT EACH POINT WHERE VEHICLES ENTERS/EXITS THE CONSTRUCTION SITE. STONE TRACKING PADS SHOULD BE AT LEAST 24 FEET WIDE AND 50 FEET LONG, AND CONSTRUCTED OF 3-6 INCH WASHED STONE WITH A DEPTH OF AT LEAST 12 INCHES. ON SITES WITH CLAY SOILS, STONE TRACKING PADS MUST BE UNDERLAIN WITH A GEOTEXTILE LINER TO PREVENT THE STONE FROM SINKING INTO THE SOIL.

(7) INLET PROTECTION. ALL INLETS SUBJECT TO DRAINAGE SHALL BE PROTECTED WITH A WISCONSIN DOT TYPE D INLET PROTECTION. ANY DEPOSITS OF DIRT, MUD, ROCK, DEBRIS, OR OTHER MATERIAL ENTERING THE STORM SEWER SYSTEM SHALL BE PROMPTLY AND THOROUGHLY CLEANED OUT.

(8) EROSION MAT. AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 4H:1V SHALL BE STABILIZED WITH WISCONSIN DOT URBAN, TYPE B, EROSION MAT.

(9) TEMPORARY EROSION CONTROL. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.

(10) STABILIZATION. ALL DISTURBED AREAS SHALL BE SEEDED & MULCHED AS SPECIFIED WITHIN 14 WORKING DAYS OF FINAL GRADING.

(11) TOPSOIL. A MINIMUM OF 4 INCHES OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEEDED OR SODDED.

(12) SEEDING. SEED MIXTURE SHALL BE APPLIED AT A RATE OF 2 LBS PER 1,000 SF OF AREA OR AS NOTED ON THE LANDSCAPE PLAN.

(13) STOCKPILES. ANY SOIL STOCKPILED THAT REMAINS FOR MORE THAN 14 DAYS SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY OR PERMANENT SEEDING AND MULCHING.

(14) THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANYTIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPTS.

CONSTRUCTION SCHEDULE

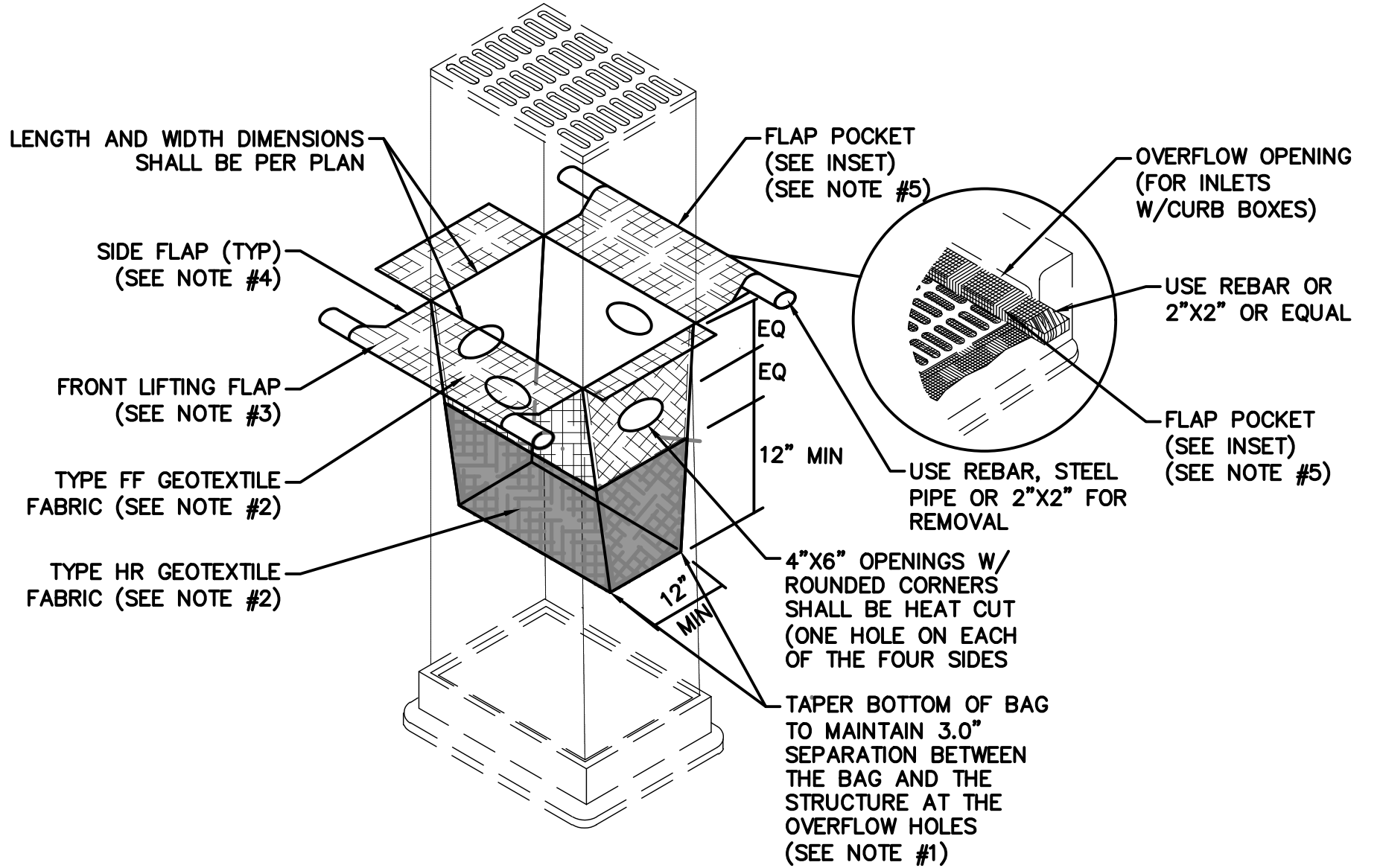
INSTALL EROSION CONTROL MEASURES: APRIL 1, 2018
BEGIN GRADING: APRIL 1 2018
PLACE GRAVEL IN PARKING LOT: JUNE 1, 2018
SEED & MULCH ANY REMAINING DISTURBED AREAS: SEPTEMBER 15, 2018
VEGETATION ESTABLISHED: NOVEMBER 15, 2018

KEY

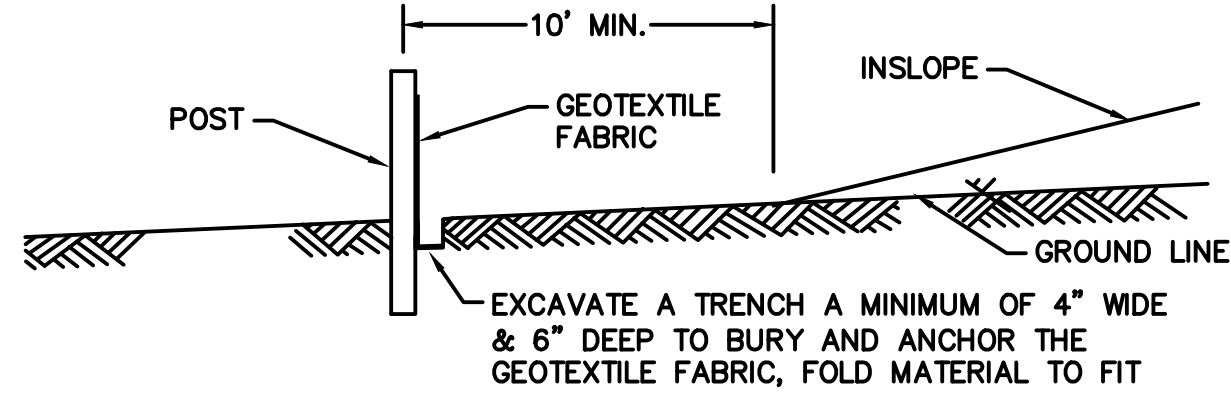
WISCONSIN DOT URBAN, TYPE B,
EROSION MAT

NOTES:

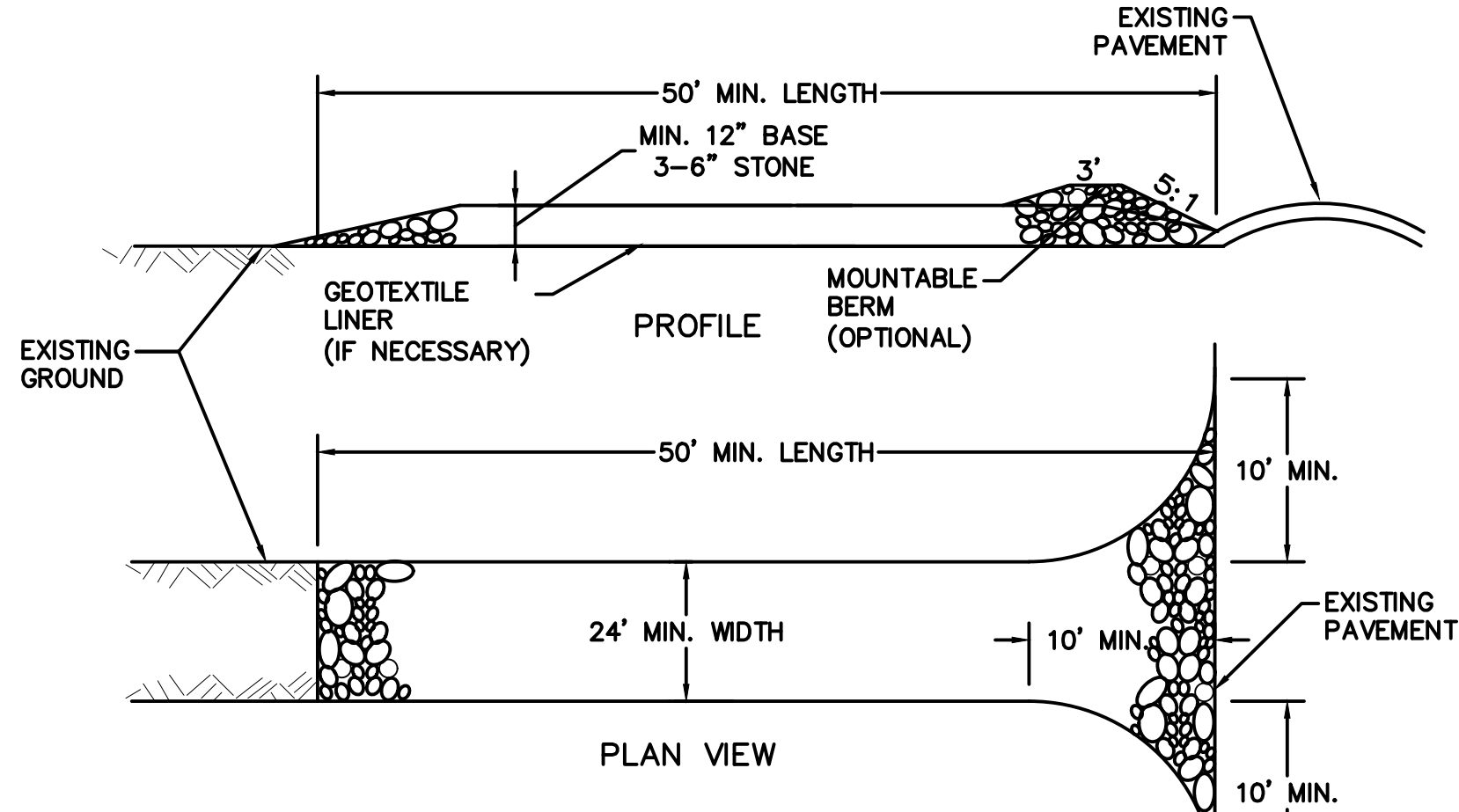
1. TAPER BOTTOM OF BAG TO MAINTAIN THREE INCHES OF CLEARANCE BETWEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE BOTTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURAL WALL.
2. GEOTEXTILE FABRIC, TYPE FF FOR FLAPS AND TOP HALF OF FILTER BAG. GEOTEXTILE FABRIC, TYPE HR FOR BOTTOM HALF OF FILTER BAG WITH FRONT, BACK, AND BOTTOM BEING ONE PIECE.
3. FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
4. SIDE FLAPS SHALL BE A MAXIMUM OF TWO INCHES LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.
5. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"x2". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.



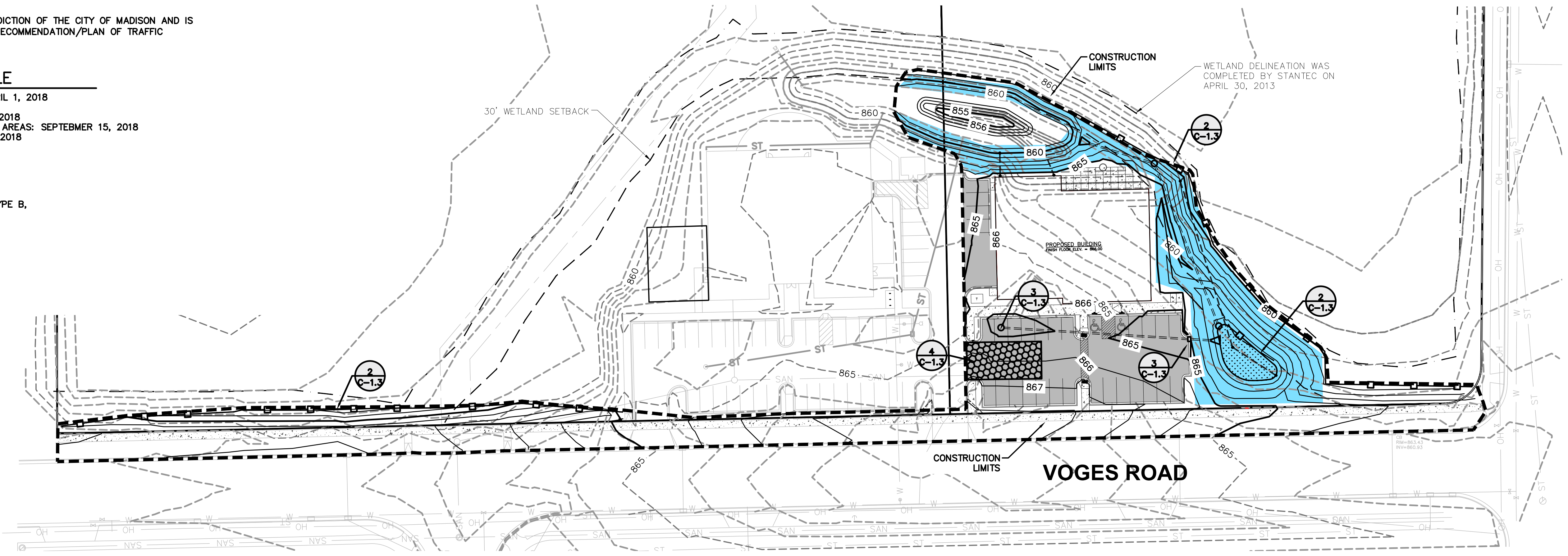
3 INLET PROTECTIONS, TYPE D - HYBRID
C-1.3



2 SILT FENCE
C-1.3 NTS

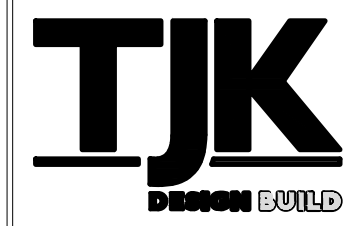


4 STONE TRACKING PAD
C-1.3 NTS



1 EROSION CONTROL PLAN
C-1.3 SCALE: 1" = 20'

0 40 80 120
SCALE : 1" = 40' (24 X 36)
1" = 80' (11 X 17)



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REV DATE

PROPOSED FACILITY FOR:
AUTOMATION ARTS

5404 VOGES ROAD
MADISON, WISCONSIN

C-1.3

3.23.18