August 15, 2025

City Planner & Zoning Administrator
City of Fitchburg
c/o Deanna Schmidt
5520 Lacy Road
Fitchburg, WI 53711

RE: Thermo Fisher Fill Expansion
6036 McKee Road

Dear Deanna:

On behalf of Thermo Fisher, please find the enclosed information for review and approval by the Plan Commission at their September 16th meeting. This project is an expansion of the fill material that is being trucked into the Thermo Fisher lands east of the Badger State Trail. The project area is greater than 5-acres and must go in front of the PC for review and approval.

Please see attached project description and Grading & Erosion Control Plan for your review and comment.

Sincerely,
D'Onofrio, Kottke, & Assoc., Inc.

Bruce J Hollar, P.E.

THERMO FISHER EAST FILL EXPANSION
EROSION CONTROL NARRATIVE

PROJECT SUMMARY

The intent of this summary is to provide an explanation of the proposed project for the trucked in fill material that will be placed on Thermo Fisher's property to ensure compliance with applicable DNR and City of Fitchburg erosion control standards. Land disturbance for this project is greater than 5-acres and requires Plan Commission review and approval.

Thermo Fisher owns Outlot 4, CSM 15033, parcel number #060905393452, at 6036 McKee Road in the City of Fitchburg, Dane County, Wisconsin. Currently, erosion control permit #23-117 is in place and active for placement of trucked-in fill. The intent of this proposed permit coverage is to extend the existing fill pile further south to McKee Road. As a refresher, Thermo Fisher and Wingra Stone have an agreement in place that allows Wingra to haul in excess material from off-site construction projects and place and compact in 12"-18" lifts to the grades established on the grading plan. As areas of the pile reach final grade they will be restored per the Grading and Erosion Control Plan using a native seed mix. Permit coverage is expected to be open for placement of said fill for a period of one year. Should additional time be needed to complete the filling operation an extension of the permit will be requested.

The fill area of this expansion includes several existing trees. Many of them are not desirable and will be removed. However, there are some trees that are worth preserving. Those trees will be identified in the field and the final grade adjusted to ensure they remain and are protected.

Site preparation for the trucked in fill will include installation of silt fence and a stone tracking pad and stabilizing existing haul road. Once they are installed, the process for filling will be to clear trees as necessary, strip topsoil and complete the fill placement in stages, opening up only what can be completed within a period of two weeks and then spreading temporary seed and mulch. Final restoration to take place as sections of the pile reach final grade.

STANDARDS & RESULTS

No new impervious areas will be added within the project limits, therefore, no stormwater management BMPs are proposed for this project. Erosion Control measures The proposed fill placement operation requires the following erosion control performance standards to be met.

Erosion Control

Standard: Limit total off-site permissible annual aggregate soil loss for exposed areas resulting from sheet and rill erosion to an annual, cumulative soil loss rate not to exceed 5.0 tons per acre annually.

Design Results: The proposed development will limit the soil loss to an annual cumulative rate of less than 5.0 tons per acre per year. See the Soil Loss & Sediment Discharge Calculation Tool (USLE) for calculated results. Site will have a stone tracking pads and perimeter silt fences to contain sediment. See the Grading and Erosion Control Plan for locations and sizing of erosion control BMPs.

All bare ground areas shall be temporarily stabilized with mulch, wood chips or straw matting, as dictated by the construction schedule and plans.

All areas disturbed during construction will be restored with a minimum of four inches of topsoil, fertilizer, seed, and mulch. The seed mix shall be Agrecols Shortgrass Prairie for medium soils at a rate of 0.005 PSF. Annual Ryegrass shall be added to the grass seed mixtures at a rate of 1-½ lbs per 1,000 sq. ft.

At the completion of construction and after final restoration has been established the erosion control practices shall remain in place.

CONCLUSIONS

Erosion control for the proposed expansion of fill meets City of Fitchurg and DNR requirements. The soil loss leaving the proposed site will not exceed 5.0 tons/acre/year.

THE CITY OF Fitchburg

City of Fitchburg
Erosion Control and Stormwater Management
Permit Application

Last Revised 8/29/2024

Permit #	
Start Date:	
Completion:	
Office Use Only	

Project Name: Thermo Fisher East Fill Expansion, 2026 Latitude/Longitude: 43.01787, -89.46073
Coordinates to 6 decimal digits req'd (e.g. 43.002512, -89.424248)

Site Address: 6036 McKee Road Parcel ID(s): 060905393202

Landowner Name, Phone & E-mail: [redacted]

Landowner Address: 5225 Verona Road
Fitchburg, WI 53711

Applicant Name, Phone & E-mail: Mike Heller, [redacted]

Designer Name, Phone & E-mail: Bruce Hollar, [redacted]

Contractor Name, Phone & E-mail: Wingra Stone, c/o Pete Zagar, [redacted]

Total Disturbed Area (this project): 368,600 s.f.
Total Redeveloped Area (this project): 0 s.f.
Total New Impervious Area added since 8-22-01: 0 s.f.
Total New Impervious Area (this project): 0 s.f.
Total Impervious Area (after project): 0 s.f.

Proposed Permit Fee for Plat Projects*

Type of Permit *(check only one)*

- ☐ Erosion Control Only (EC Base Fee = $200) (EC Amendment Fee = $100)
- ☐ Erosion Control and Stormwater Management (EC+SWM Base Fee = $200 + $400 = $600) (EC+SWM Amendment Fee = $300)
- ☐ Stormwater Management Only (SWM Base Fee = $400) (SWM Amendment Fee = $200)

Total Disturbed Area (this project):		s.f. x	$0.005 / s.f. =	$
Total New Impervious Area (this project):		s.f. x	$0.010 / s.f. =	$
Total Redeveloped Impervious Area (this project):		s.f. x	$0.005 / s.f. =	$

Permit fee of $ _____ received by _____ (*name*) on _____ (*date*)

Base Fee = (see above) $

Total Permit Fee = $

Make checks payable to "City of Fitchburg." Permit fee must be paid before Dane County review will begin.
Fees DOUBLE if work starts before permit is approved. Note: Maximum length of permit duration is 3 years from permit start date.
** Plat projects include initial grading and infrastructure construction for plats. Development of individual lots within a plat are not considered "Plat projects" for the purposes of permit fee calculation.*

Proposed Permit Fee for non-Plat Projects

Type of Permit *(check only one)*

- ☒ Erosion Control Only (EC Base Fee = $275) (EC Amendment Fee = $100) **Plus actual costs****
- ☐ Erosion Control and Stormwater Management (EC+SWM Base Fee = $450) (EC+SWM Amendment Fee = $100) **Plus actual costs****
- ☐ Stormwater Management Only (SWM Base Fee = $375) (SWM Amendment Fee = $100) **Plus actual costs****

***In addition, the applicant shall pay the actual costs incurred by the City from any consultant or agent with whom the City may contract to provide services relating to the administration of this Code. The City shall bill the applicant for such charges, which shall be paid within thirty (30) days. Any unpaid charges shall be assessed to the subject property as a special charge pursuant to Wis. Stats. 66.0627 and placed on the tax roll.*

Make checks payable to "City of Fitchburg." Permit fee must be paid before Dane County review will begin.
Base fee DOUBLES if work starts before permit is approved.

Inspection Billing Contact - Name, Email:

Mailing Address, Phone:

Landowner or Applicant Signature: Mike Heller Date: August 14, 2025

Reviewed by: _____ Date: _____

Conditionally Approved by City Engineer: _____ Date: _____

Submit 1 electronic copy of Permit Application, Report, and Plans (11"x17" max. size) to: bakha.yunusov@fitchburgwi.gov, ben.schulte@fitchburgwi.gov, and Mergen.Elliott@countyofdane.com. **Submit permit fee to: Fitchburg Public Works Department, Attn: Environmental Engineer, 5520 Lacy Road, Fitchburg, WI 53711.**

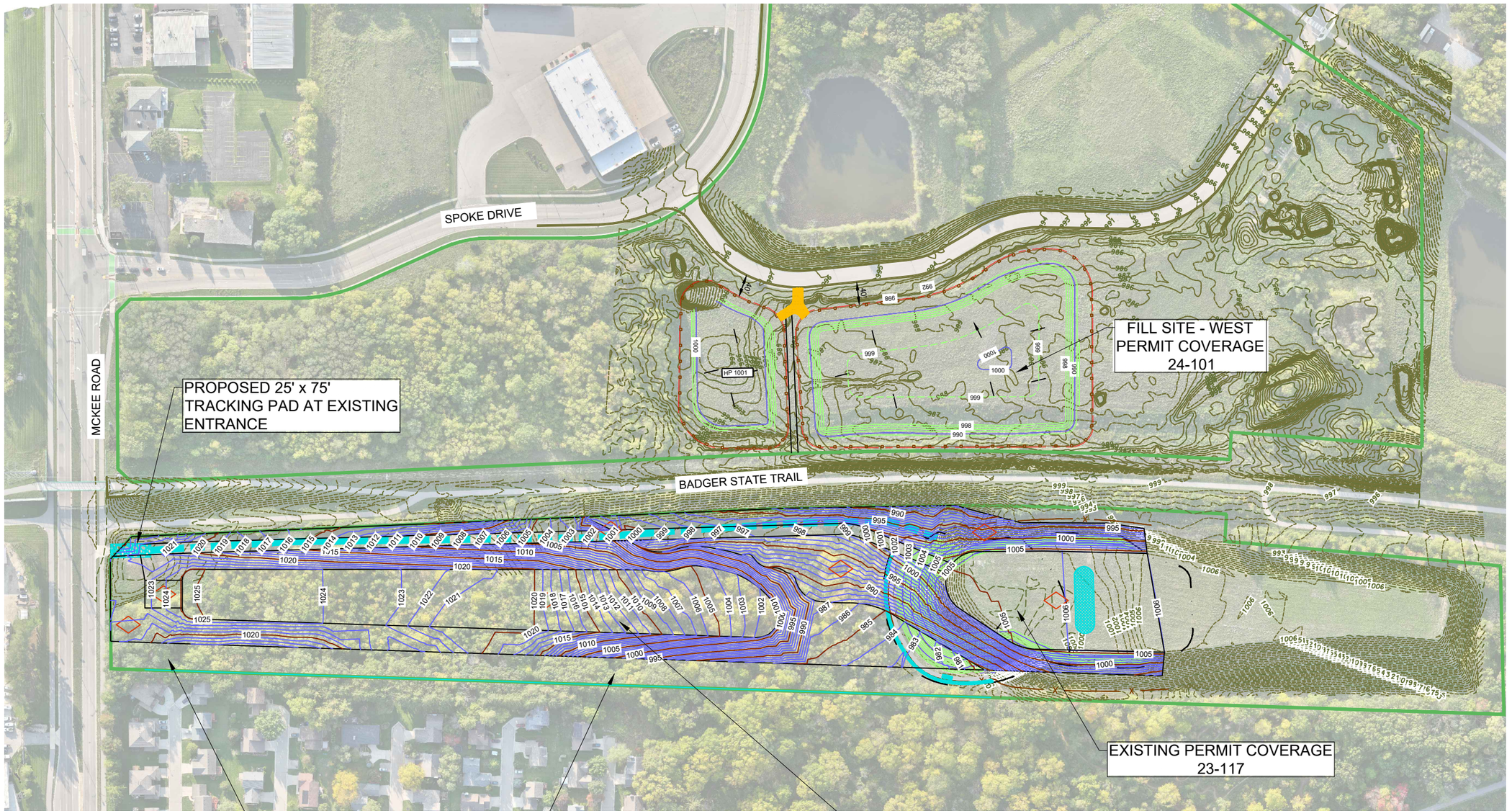
City of Fitchburg – Erosion Control Application Checklist

Project Name / Location: Thermo Fisher East Fill Expansion, 2026 **Permit #:** _____

Please check the appropriate box: I = Included; N/A = Not Applicable *(If "N/A" is checked, an explanation must be entered.)*

		Applicant			Public Works	
	Plan Requirements (refer to Chapter 30, Article II s. 30-27 (a))	**I**	**N/A**	**Explanation / Location of Information (Page Number of Attachment)**	**I**	**N/A**
(1)	Property lines, lot dimensions, and limits of disturbed area.	X		C200 GEC Plan		
(2)	Limits of impervious area, including buildings and paved areas		X	No new impervious surfaces		
(3)	All natural and artificial water features	X		C200 GEC Plan		
(4)	All erosion control measures to be installed	X		C201 GEC Plan Notes and Details		
(5)	Cross sections and profiles of road ditches and channels (existing and proposed).		X	No new ditches or channels		
(6)	Storm sewer pipes and/or culvert sizes (existing and proposed).	X		C200 GEC Plan		
(7)	Direction of runoff flow (contours or runoff arrows).	X		C200 GEC Plan		
(8)	Watershed size for each contributing drainage area.	X		C200 GEC Plan		
(9)	Design discharge for ditches and structural measures (flow calculations).		X	No new ditches		
(10)	Runoff velocities in channels (ft/s).		X	No new channels		
(11)	Fertilizer and seeding rates (seed, fertilizer, polymer, mulch, etc.).	X		C201 GEC Plan Notes and Details		
(12)	Detailed description and proposed completion schedule of each element of the erosion control plan, including stabilization of ditches and slopes.	X		Narrative and C201 GEC Plan Notes and Details		
(13)	Show steps and calculations demonstrating the erosion control performance standards under Chapter 30, Article II s. 30-27(c) will be met. Include Soil Loss spreadsheet.	X		USLE attached		
(14)	Provisions to prevent mud-tracking off-site onto public thoroughfares during the construction period.	X		C200 GEC Plan		
(15)	Provisions to disconnect impervious surfaces, where feasible.		X	No new impervious surfaces		
(16)	Provisions to prevent sediment delivery to, and accumulation in, any proposed or existing stormwater conveyance systems.	X		C200 GEC Plan		
(17)	Copy of permits or approvals by other agencies (e.g. WDNR, Army Corps of Engineers, etc.).	X		WDNR WRAPP permit under review		
(18)	Existing and proposed elevations and contours (NAVD 88)	X		C200 GEC Plan		
(19)	Itemized estimated cost (including labor) for installation of all elements of the erosion control plan.	X		Project narrative		
(20)	Any other information necessary to reasonably determine the location, nature, and condition of any physical or environmental features of the site.	X		C200 GEC Plan		
(21)	Plan Commission Approval (if parcel is 5 acres or more); See Chapter 30, Article II s. 30-32 for details.	X		Will provide a copy when approved		
(22)	Submit completed City of Fitchburg Inspection Form	X		Attached		

Indicates plan requirement must always be included



D'ONOFRIO KOTTKE AND ASSOCIATES, INC.
7530 Westward Way, Madison, WI 53717
Phone 608.833.7530 • Fax 608.833.1089
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

CONSTRUCTION ACCESS ROUTE

THERMO FISHER FILL - EAST

DISCOVERY PATH
CITY OF FITCHBURG, DANE COUNTY, WISCONSIN

SCALE: 1"= 200'

0 100

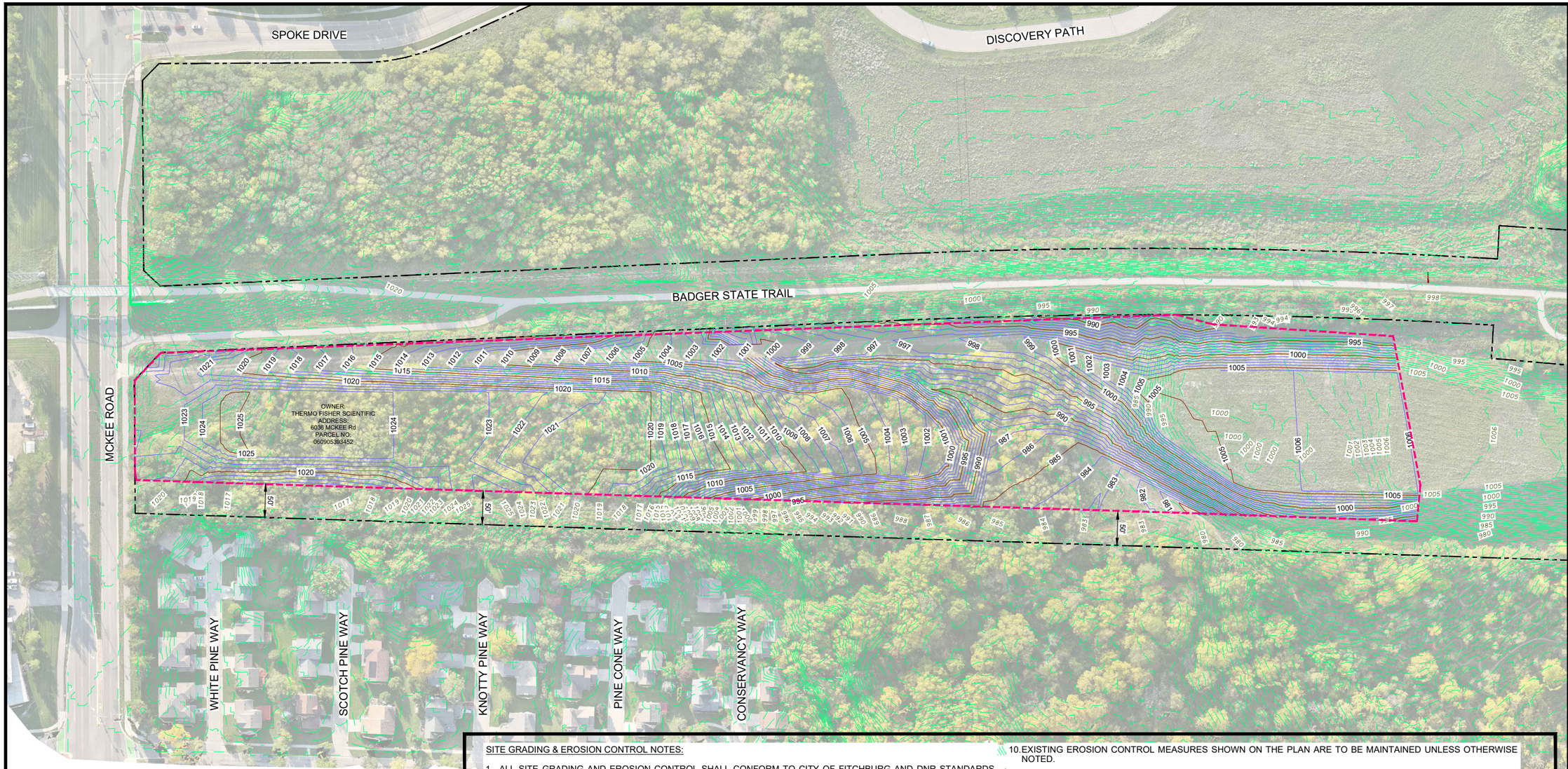
DATE: 08-15-2025
REVISED:

DRAWN BY: BJH

FN: 23-05-124

Sheet Number:
C001

Aug 15, 2025-10:54am U:\User\2305124\Drawings\Source\2305124 GEC Plan - East.dwg EXPANDED FILL EAST Printed by: bhollor



GRADING PLAN LEGEND

- PROPOSED CONTOURS
- EXISTING CONTOURS
- DISTURBED AREA
- SILT SOCK OR SILT FENCE
- CONSTRUCTION ENTRANCE PER WDNR-1057
- INLET PROTECTION PER WDNR-1060

LIMITS OF DISTURBANCE = 481,000 SQ FT
= 11.04 AC

SITE GRADING & EROSION CONTROL NOTES:

1. ALL SITE GRADING AND EROSION CONTROL SHALL CONFORM TO CITY OF FITCHBURG AND DNR STANDARDS AND ORDINANCES.
2. SILT FENCE OR SILT SOCK SHALL BE INSTALLED PRIOR TO SITE GRADING AND MAINTAINED UNTIL THE SITE HAS BEEN STABILIZED.
3. NO SITE GRADING OUTSIDE OF LIMITS OF DISTURBANCE OR DOWNSTREAM OF SILT FENCE.
4. AREAS DISTURBED WITHIN ANY RIGHT-OF-WAY SHALL BE RESTORED WITH 4" OF TOPSOIL, FERTILIZER, SEED, AND MULCH.
5. ONCE THE SITE HAS UNDERGONE FINAL RESTORATION AND VEGETATION HAS ESTABLISHED, THE SILT FENCE SHALL BE REMOVED AND IF NECESSARY, RESTORED WITH AGRECOL'S SHORTGRASS PRAIRIE FOR MEDIUM SOILS AT A RATE OF 0.005 PSF. ANNUAL RYE GRASS SHALL BE ADDED TO THE GRASS SEED MIXTURES AT A RATE OF 1 ½ LBS PER 1000 SF.
6. ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED AS NEEDED.
7. CONSTRUCTION SCHEDULE - FILL STAGES:

INSTALL EROSION CONTROL MEASURES	10/31/25
STRIP TOPSOIL	03/17/26 as needed
BEGIN TRUCKING IN FILL	3/18/26 - 12/31/26
TEMPORARY SEEDING AND MULCH (No more than 14 calendar day from placement)	10/01/26 or as needed.
FINAL GRADING AND RESTORATION OF FILL	10/01/26 - 12/31/26

8. NO LAND DISTURBANCE ACTIVITIES SHALL BEGIN UNTIL ALL EROSION CONTROL BMP'S ARE INSTALLED PER DNR AND CITY SPECIFICATIONS.
9. CONSTRUCTION TRAFFIC SHALL BE LIMITED TO ENTERING AND EXITING THE SITE AS SHOWN ON THE GRADING AND EROSION CONTROL PLAN.
10. EXISTING EROSION CONTROL MEASURES SHOWN ON THE PLAN ARE TO BE MAINTAINED UNLESS OTHERWISE NOTED.
11. STRIP AND STOCKPILE TOPSOIL AND SEED IMMEDIATELY. DISTURBED SLOPES SHALL BE RESTORED WITH TEMPORARY SEED AND MULCH WITHIN 14 DAYS. SLOPES SHALL NOT REMAIN OPEN FOR MORE THAN 14 CALENDAR DAYS AT A TIME.
12. CONTRACTOR TO TRUCK IN AND PLACE FILL ACCORDING TO THE PLAN AND STABILIZE SLOPES AS FILLING OCCURS.
13. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN 7 DAYS OF REACHING FINAL GRADE.
14. SLOPES TO BE RESTORED WITH CLASS I, TYPE A EROSION MATTING AS DEPICTED ON THE PLAN.
15. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THE PROJECT. EROSION CONTROL MEASURES SHOWN ON THE APPROVED PLAN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECOGNIZING AND CORRECTING EROSION CONTROL PROBLEMS THAT ARISE AS A RESULT OF CONSTRUCTION ACTIVITIES.
16. ALL EROSION CONTROL MEASURES MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF THE TIME 0.5 INCHES OF RAIN IS PRODUCED. ALL MAINTENANCE SHALL FOLLOW THE INSPECTIONS WITHIN 24 HOURS.
17. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE CITY INSPECTOR, SHALL BE INSTALLED WITHIN 24 HOURS.
18. STABILIZED SEEDING SHALL TAKE PLACE BETWEEN MAY 15TH AND SEPTEMBER 15; SEEDING AFTER SEPTEMBER 15 IS TEMPORARY AND PERMANENT SEEDING WILL TAKE PLACE ON THE FOLLOW MAY 15TH. SEEDING SCHEDULE TO FOLLOW THE CITY STORM WATER MANUAL STANDARDS.

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SITE GRADING AND EROSION CONTROL PLAN

THERMO FISHER SCIENTIFIC

CITY OF FITCHBURG, DANE COUNTY, WISCONSIN

SCALE: 1" = 80'
0 80

DATE: 08-15-2025
REVISED:

DRAWN BY: MWT

Sheet Number:
C200

File: U:\User\2305124\Drawings\Production\East Property\C200 SITE GEC PLAN.dwg SITE GEC PLAN Plotted: Aug 15, 2025 - 10:49am

NOT FOR CONSTRUCTION