

## 2021 Thermo Fisher Fill Site

### Stormwater Management and Erosion Control Narrative

Prepared by: Ruekert & Mielke, Inc.

Prepared: February 10, 2021

#### Introduction

This narrative, along with the submitted plans, will present the stormwater management and erosion control practices associated with the 2021 Thermo Fisher Scientific (TFS) fill site project and demonstrate their capability of meeting the stormwater management and erosion control requirements.

#### Narrative

The Wisconsin Department of Transportation's (WisDOT) Fish Hatchery project is continuing in 2021 for improvements to the next phase of this project involve the excavation of approximately 50,000 CY of existing site soils and placement of this material onto an existing property on the Thermo Fisher Scientific (TFS) campus. This is a continuation of the 2020 Fill Site project in which fill was placed per plans and restoration was completed.

The TFS property that will be receiving the fill is currently undeveloped and contains mostly grass and tree cover. The contractor will bring material to the site and compacted in 12" lifts. After all fill operations are completed, the site will be seeded and grass cover will be re-established.

This project will result in one additional phase. The contractor will fill each phase according to the grading plan and restore at the end of the project when filling activities are complete.

The result of this project will be no increase in impervious area. **Therefore, no new stormwater BMP's are proposed for the project.**

No alteration of stormwater drainage or storm sewer is anticipated with this project. **Therefore, no stormwater modeling calculations will be submitted with this project.**

**No slopes in either the existing or proposed conditions are greater than 20% grade for more than 50' in length.**

Long term maintenance of the site will generally include mowing operations. Side slopes of the fill area shall be inspected by the owner at least every six months to ensure that no erosion has occurred.

2021 Thermo Fisher Fill Site  
Erosion Control Plan Narrative

Prepared by: Ruekert & Mielke, Inc.  
Prepared: February 10, 2021

Introduction

This narrative, along with the submitted plans, will present the erosion control measures associated with the Thermo Fisher Fill Site project and demonstrate their capability of meeting the City of Fitchburg's erosion control requirements. This is an Amendment to the existing 2020 Fill Site project that was approved by the City, DNR, and Dane Co. in 2020. The contractor has requested an additional 50,000 CY of material to be placed on Thermo Fisher Site that will be generated from the project on Fish Hatchery Rd (Job # 19-3488) starting Spring of 2021. Final completion of all filling activities and restoration will be completed by the end of 2021. This submittal will also be provided to Dane Co. and the DNR for approvals.

Erosion Control Application Narrative

The following information is provided to demonstrate that this project is designed and will be maintained to meet the Erosion Control Performance Standards set forth in Chapter 30 of Fitchburg's Municipal Code (Erosion Control and Stormwater Management Ordinance). The numbers below correspond to the erosion control plan requirements of Sec. 30-27 as well as the requirements on the erosion control application checklist:

- 1. Property lines, lot dimensions, and limits of disturbed area:** All project areas are located internally within the Thermo Fisher Scientific property. The total disturbed area has been calculated at approximately 125,000 square feet. The site has been split into three sections that currently have fill per plans for the 2020 Fill Site Project. The additional fill can be found in the Grading Plan and Erosion Control Plan.
- 2. Limits of impervious area, including buildings and paved areas:** See Erosion Control and Grading Plans.
- 3. All natural and artificial water features:** No natural or artificial water features are located within the proposed project area. See attached annotated USGS map.
- 4. All erosion control measures to be installed:** See Erosion Control Plan.
- 5. Cross sections and profiles of road ditches and channels (existing and proposed):**  
N/A
- 6. Storm sewer pipes and/or culvert sizes (existing and proposed):** N/A

7. **Direction of runoff flow (contours or runoff arrows):** See Grading Plan.
8. **Watershed size for each contributing drainage area:** N/A
9. **Design discharge for ditches and structural measures (flow calculations):** N/A.
10. **Runoff velocities in channels (ft/s):** N/A
11. **Fertilizer and seeding rates (seed, fertilizer, polymer, mulch, and erosion matting etc.):** Seed and fertilizer rates comply with Section 3- Earthwork and Restoration of the City's Standard Specifications for Public Works Construction, dated February 2019.
12. **Detailed description and proposed completion schedule of each element of the erosion control plan, including stabilization of ditches and slopes:** Temporary erosion and sediment control measures will be in place and maintained until such time as permanent stabilization is achieved. See plans for locations of proposed measures.
13. **Show steps and calculations demonstrating the erosion control performance standards under section 30-27(c) will be met. Include USLE spreadsheet:**  
Performance standards under section 30-27(c) will be met. The USLE spreadsheets for each project area are attached
14. **Provisions to prevent mud-tracking off-site onto public thoroughfares during the construction period:** N/A, all equipment will remain off public roadways.
15. **Provisions to disconnect impervious areas, where feasible:** N/A.
16. **Provisions to prevent sediment delivery to, and accumulation in, any proposed or existing stormwater conveyance systems:** See Erosion Control Plan.
17. **Copy of permits or approvals by other agencies (e.g. WDNR, Army Corps of Engineers, etc.):** An NOI still should be on file and active from the DNR. A copy of said permit application, and the subsequent approval, will be provided to the City upon receipt. The stormwater runoff permit will be resubmitted to the DNR for an amendment approval. Receipt will be provided once obtained.
18. **Existing and proposed elevations and contours (NAVD 88):** See Grading and Erosion Control Plans.
19. **Itemized estimated cost (including labor) for installation of all elements of the erosion control plan:** An itemized estimated cost for the installation of all elements of the erosion control plan is not provided as these items are already installed. The contractor will evaluate the erosion control items in the Spring prior to fill activities continuing to refresh any items as needed.
20. **Any other information necessary to reasonably determine the location, nature, and condition of any physical or environmental features of the site:** N/A.

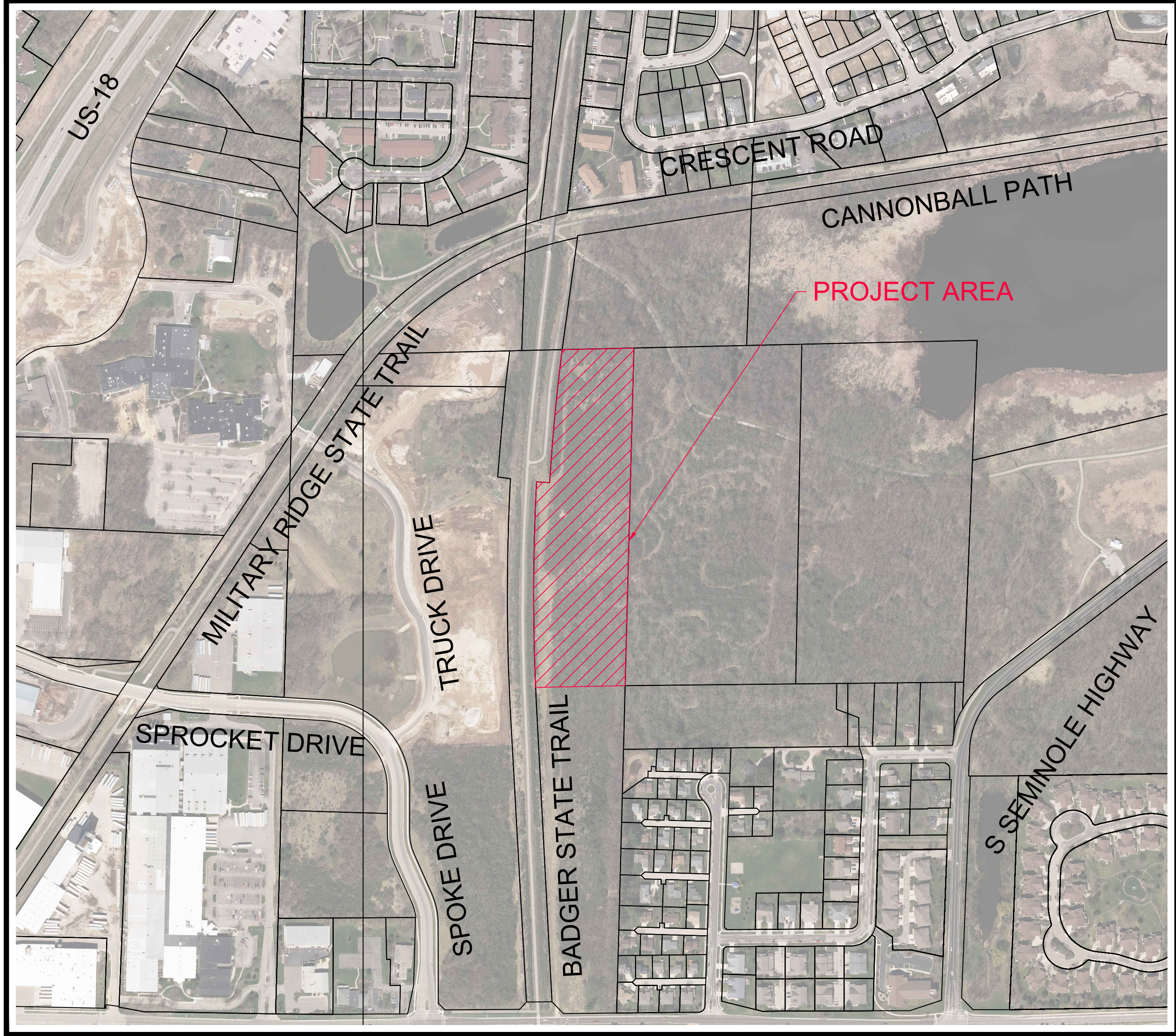
**21. Plan Commission Approval (if parcel is 5 acres or more) See Chapter 30, Article II s. 30-32 for details:** Parcel is 7.2 acres and requires Plan Commission approval for additional fill confirmed by the City.

# 2021 THERMO FISHER FILL SITE

## CITY OF FITCHBURG DANE COUNTY, WISCONSIN

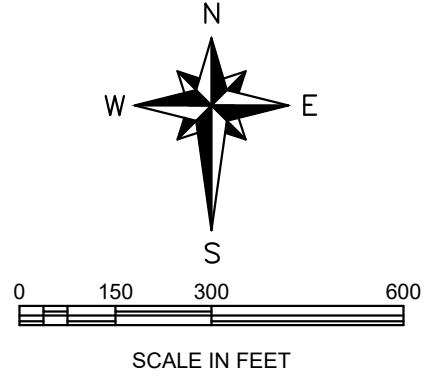
**SHEET INDEX**

SHEET NO.	LOCATION	DESCRIPTION
GN-01		PROPOSED CONSTRUCTION ACCESS ROUTE AND PHASING PLAN
GR-01		PROPOSED OVERALL GRADING AND EROSION CONTROL PLAN
EC-01		PROPOSED PHASE 1 EROSION CONTROL PLAN
EC-02		PROPOSED PHASE 2 EROSION CONTROL PLAN
EC-03		PROPOSED PHASE 3 EROSION CONTROL PLAN
GR-02		PROPOSED PHASE 1 GRADING PLAN
GR-03		PROPOSED PHASE 2 GRADING PLAN
GR-04		PROPOSED PHASE 3 GRADING PLAN
DT-01 - DT-03		CONSTRUCTION DETAILS



**LOCATION MAP**

TOWN	RANGE	SECTION (s)
6N	9E	5SW



**ORIGINAL PLAN SET  
IS IN COLOR**

**LEGEND - CIVIL ENGINEERING DRAWINGS**

⊙	GENERIC MANHOLE	☐	TELEPHONE BOX	⊙	FLAG POLE		PROPOSED SILT FENCE
⊙	GENERIC VENT	⊙	TELEPHONE MANHOLE	⊠	MAIL BOX		PROPOSED SANITARY SEWER (PLAN VIEW)
⊙	SEWER MANHOLE	⊠	CABLE BOX	⊙	POST		PROPOSED STORM SEWER (PLAN VIEW)
⊙	CLEAN OUT	⊙	UTILITY POLE	⊙	DELINEATOR POST		PROPOSED WATER MAIN
⊙	SEPTIC SYSTEM	⊙	GUY	⊙	MARKER POST		PROPOSED SLOPE INTERCEPT
⊙	SEPTIC TANK COVER	⊙	LIGHT POLE	⊙	SIGN		PROPOSED DETECTABLE WARNING FIELD
⊙	SEPTIC VENT	⊙	YARD LIGHT	⊙	TRAFFIC SIGNAL		PROPOSED SANITARY MANHOLE
⊙	MWEL MONITORING WELL	⊙	PULL BOX	⊙	PILE		PROPOSED SANITARY RISER
⊙	WATER VALVE	⊙	SANITARY SEWER	⊙	A/C		PROPOSED WATER VALVE
⊙	HYDRANT	⊙	WATER MAIN	⊙	RAILROAD SIGNAL FLASHER		PROPOSED HYDRANT
⊙	YARD HYDRANT	⊙	STORM SEWER	⊙	RAILROAD SIGNAL BOX		PROPOSED YARD HYDRANT
⊙	WATER VALVE MANHOLE	⊙	UNDERGROUND GAS MAIN	⊙	RAILROAD SPIKE		PROPOSED WATER VALVE MANHOLE
⊙	WATER CURB STOP	⊙	UNDERGROUND ELECTRIC	⊙	STUMP		PROPOSED WATER MAIN REDUCER
⊙	WELL	⊙	UNDERGROUND TELEPHONE	⊙	DECIDUOUS TREE		PROPOSED WATER MAIN OFFSET
⊙	SPRINKLER HEAD	⊙	UNDERGROUND FIBER OPTIC	⊙	DECIDUOUS MULTIPLE TRUNK TREE		PROPOSED WATER MAIN PLUG
⊙	STORM CATCH BASIN	⊙	UNDERGROUND TV CABLE	⊙	CONIFEROUS MULTIPLE TRUNK TREE		PROPOSED WATER MAIN PLUG W/AIR RELEASE
⊙	STORM INLET	⊙	EDGE OF PAVEMENT	⊙	CONIFEROUS TREE		PROPOSED WATER MAIN CROSS
⊙	GAS MANHOLE	⊙	EDGE OF GRAVEL SHOULDER	⊙	CONTROL POINT		PROPOSED WATER MAIN TEE
⊙	GAS VALVE	⊙	DITCH	⊙	IRON PIPE		PROPOSED WATER MAIN BEND (ANGLE NOTED)
⊙	GAS VALVE	⊙	TOE OF SLOPE	⊙	IRON ROD		PROPOSED LOCATOR BOX
⊙	GAS METER	⊙	TOP OF BANK	⊙	SECTION CORNER		PROPOSED STORM INLET/CATCH BASIN
⊙	GAS VENT	⊙	FENCE	⊙	MONUMENT		PROPOSED STORM MANHOLE
⊙	GAS VALVE TEST	⊙	GUARD RAIL	⊙	TEST BORING		PROPOSED DITCH CHECK
⊙	GAS CURB STOP	⊙	CULVERT (SIZE & TYPE NOTED)	⊙	PK NAIL		PROPOSED INLET PROTECTION TYPE A
⊙	ELECTRIC BOX	⊙	RAILROAD TRACKS	⊙	REVISION LABEL		PROPOSED INLET PROTECTION TYPE B
⊙	ELECTRIC MANHOLE	⊙	EDGE OF TREES & BRUSH	⊙	WETLANDS		PROPOSED INLET PROTECTION TYPE C
⊙	ELECTRIC METER	⊙		⊙	WATER ELEVATION		PROPOSED INLET PROTECTION TYPE D

CHECKED BY: \_\_\_\_\_

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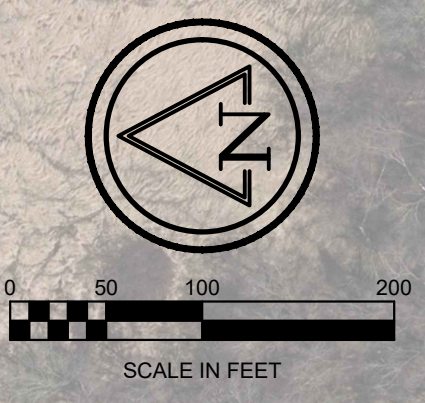
PROJECT NUMBER: 8280-10002.100

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TOWN: 8N RANGE: 9E SECTION(S): 5SW

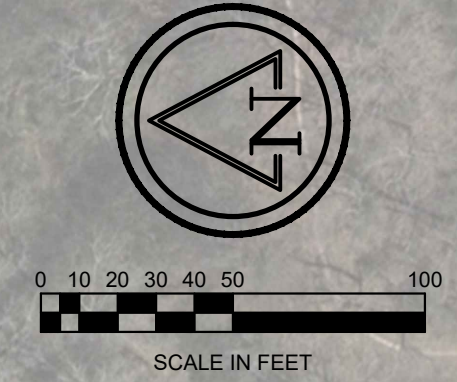
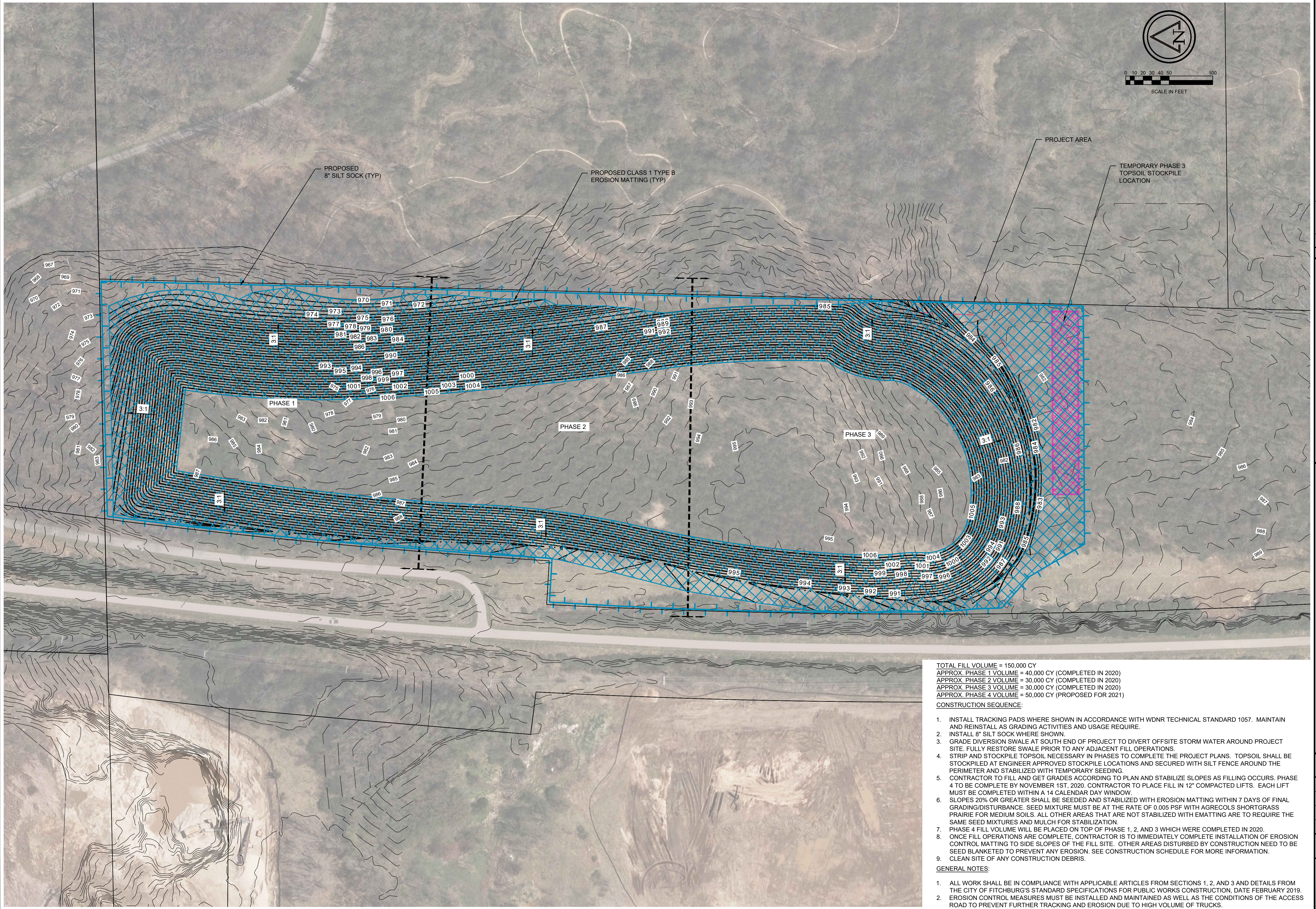
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SHEET NO.  
**GN-01**

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TOTAL FILL VOLUME = 150,000 CY  
 APPROX. PHASE 1 VOLUME = 40,000 CY (COMPLETED IN 2020)  
 APPROX. PHASE 2 VOLUME = 30,000 CY (COMPLETED IN 2020)  
 APPROX. PHASE 3 VOLUME = 30,000 CY (COMPLETED IN 2020)  
 APPROX. PHASE 4 VOLUME = 50,000 CY (PROPOSED FOR 2021)

**CONSTRUCTION SEQUENCE:**

1. INSTALL TRACKING PADS WHERE SHOWN IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1057. MAINTAIN AND REINSTALL AS GRADING ACTIVITIES AND USAGE REQUIRE.
2. INSTALL 8" SILT SOCK WHERE SHOWN.
3. GRADE DIVERSION SWALE AT SOUTH END OF PROJECT TO DIVERT OFFSITE STORM WATER AROUND PROJECT SITE. FULLY RESTORE SWALE PRIOR TO ANY ADJACENT FILL OPERATIONS.
4. STRIP AND STOCKPILE TOPSOIL NECESSARY IN PHASES TO COMPLETE THE PROJECT PLANS. TOPSOIL SHALL BE STOCKPILED AT ENGINEER APPROVED STOCKPILE LOCATIONS AND SECURED WITH SILT FENCE AROUND THE PERIMETER AND STABILIZED WITH TEMPORARY SEEDING.
5. CONTRACTOR TO FILL AND GET GRADES ACCORDING TO PLAN AND STABILIZE SLOPES AS FILLING OCCURS. PHASE 4 TO BE COMPLETE BY NOVEMBER 1ST, 2020. CONTRACTOR TO PLACE FILL IN 12" COMPACTED LIFTS. EACH LIFT MUST BE COMPLETED WITHIN A 14 CALENDAR DAY WINDOW.
6. SLOPES 20% OR GREATER SHALL BE SEEDED AND STABILIZED WITH EROSION MATTING WITHIN 7 DAYS OF FINAL GRADING/DISTURBANCE. SEED MIXTURE MUST BE AT THE RATE OF 0.005 PSF WITH AGRECOLS SHORTGRASS PRAIRIE FOR MEDIUM SOILS. ALL OTHER AREAS THAT ARE NOT STABILIZED WITH EMATTING ARE TO REQUIRE THE SAME SEED MIXTURES AND MULCH FOR STABILIZATION.
7. PHASE 4 FILL VOLUME WILL BE PLACED ON TOP OF PHASE 1, 2, AND 3 WHICH WERE COMPLETED IN 2020.
8. ONCE FILL OPERATIONS ARE COMPLETE, CONTRACTOR IS TO IMMEDIATELY COMPLETE INSTALLATION OF EROSION CONTROL MATTING TO SIDE SLOPES OF THE FILL SITE. OTHER AREAS DISTURBED BY CONSTRUCTION NEED TO BE SEED BLANKETED TO PREVENT ANY EROSION. SEE CONSTRUCTION SCHEDULE FOR MORE INFORMATION.
9. CLEAN SITE OF ANY CONSTRUCTION DEBRIS.

**GENERAL NOTES:**

1. ALL WORK SHALL BE IN COMPLIANCE WITH APPLICABLE ARTICLES FROM SECTIONS 1, 2, AND 3 AND DETAILS FROM THE CITY OF FITCHBURG'S STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, DATE FEBRUARY 2019.
2. EROSION CONTROL MEASURES MUST BE INSTALLED AND MAINTAINED AS WELL AS THE CONDITIONS OF THE ACCESS ROAD TO PREVENT FURTHER TRACKING AND EROSION DUE TO HIGH VOLUME OF TRUCKS.

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TOWN: 6N RANGE: 9E SECTION: 9E

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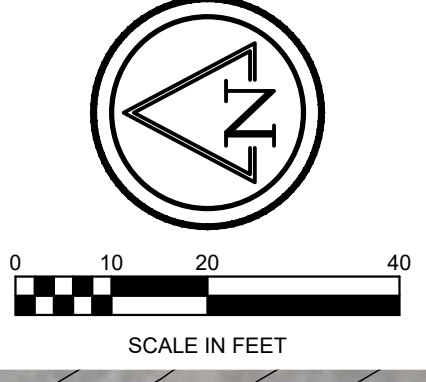
**2021 THERMO FISHER FILL SITE**  
**PROPOSED OVERALL GRADING AND EROSION CONTROL PLAN**  
 CITY OF FITCHBURG  
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SHEET NO.  
**GR-01**

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A	B	C	D	E	F	G

TOWN: 6N RANGE: 9E SECTION(S): 5SW

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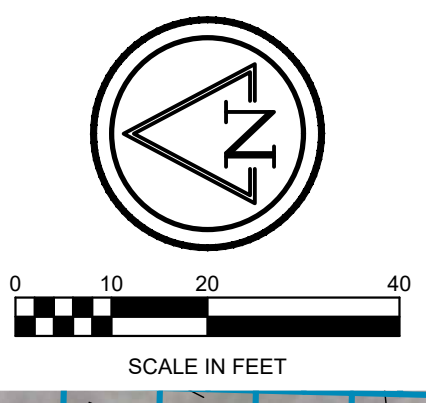
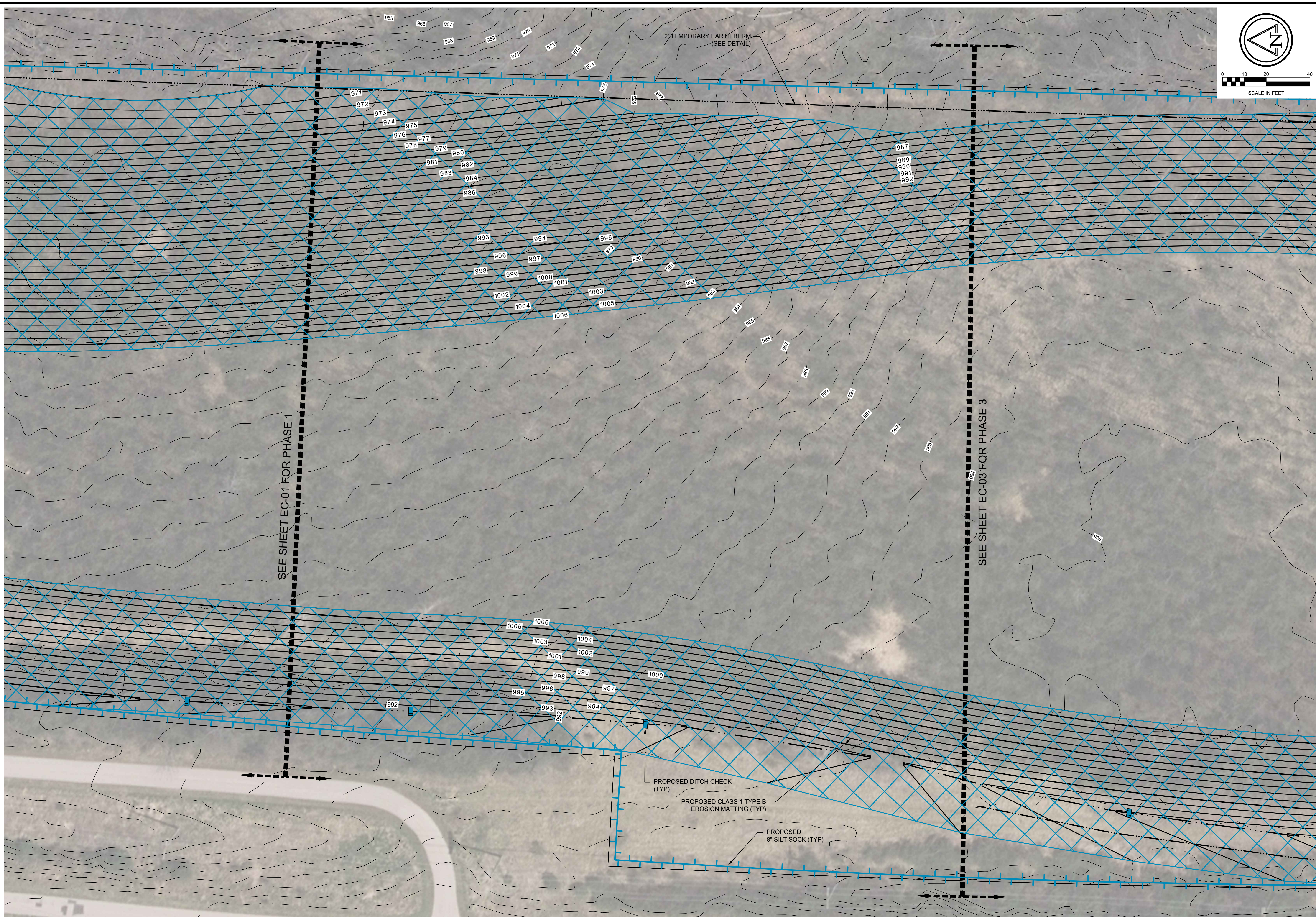
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SHEET NO.  
**EC-01**

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SEE SHEET EC-01 FOR PHASE 1

SEE SHEET EC-03 FOR PHASE 3

PROPOSED DITCH CHECK  
(TYP)

PROPOSED CLASS 1 TYPE B  
EROSION MATTING (TYP)

PROPOSED  
8" SILT SOCK (TYP)

7	A	TOWN: 8N	RANGE: 9E	SECTION(S): 3SW
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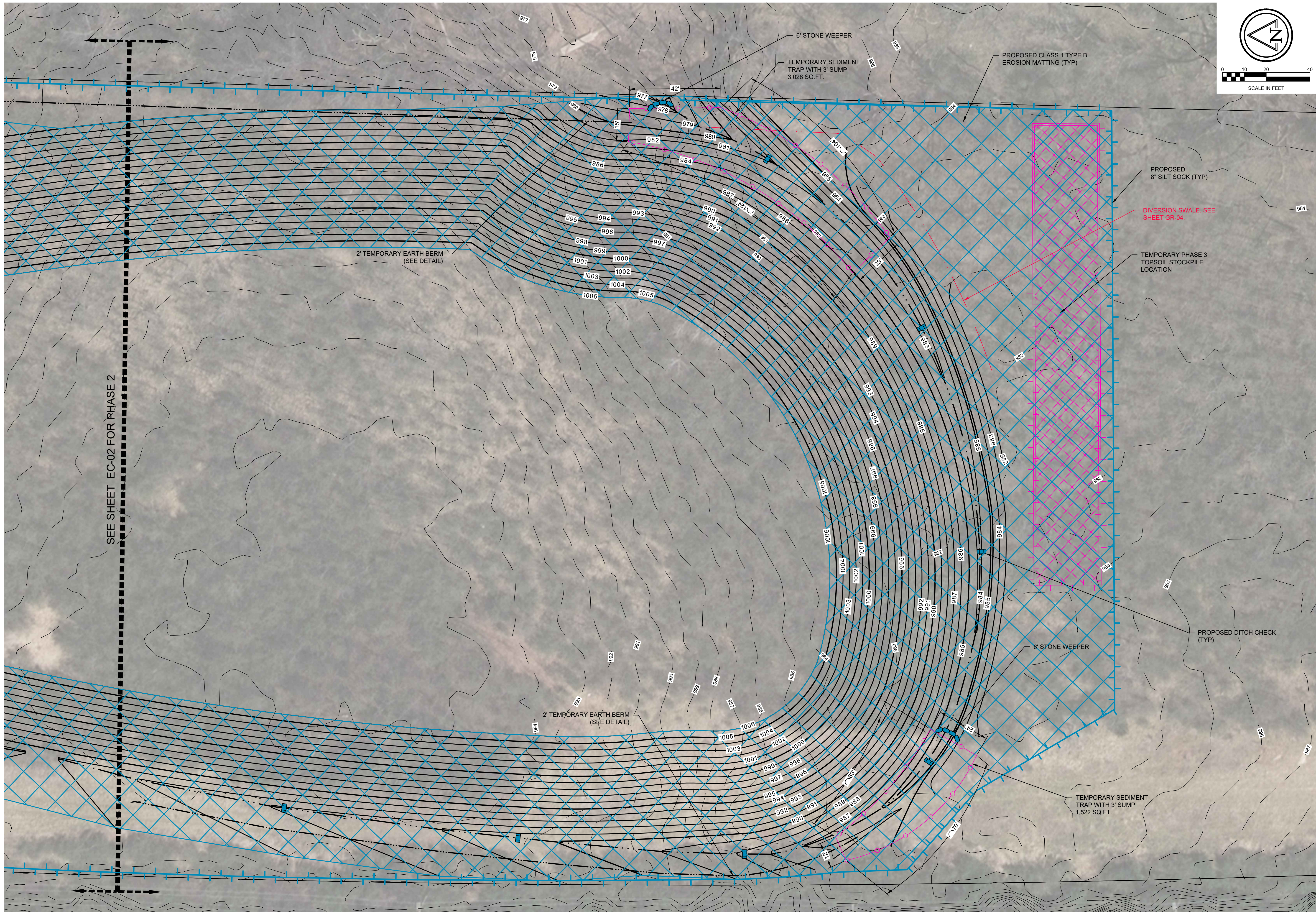
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TOWN: 8N RANGE: 9E SECTION(S): 5SW

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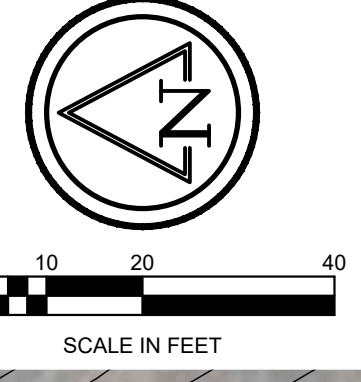
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**PROPOSED PHASE 3 EROSION CONTROL PLAN**  
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	TOWN: 6N
	RANGE: 9E
	SECTION(S): 5SW

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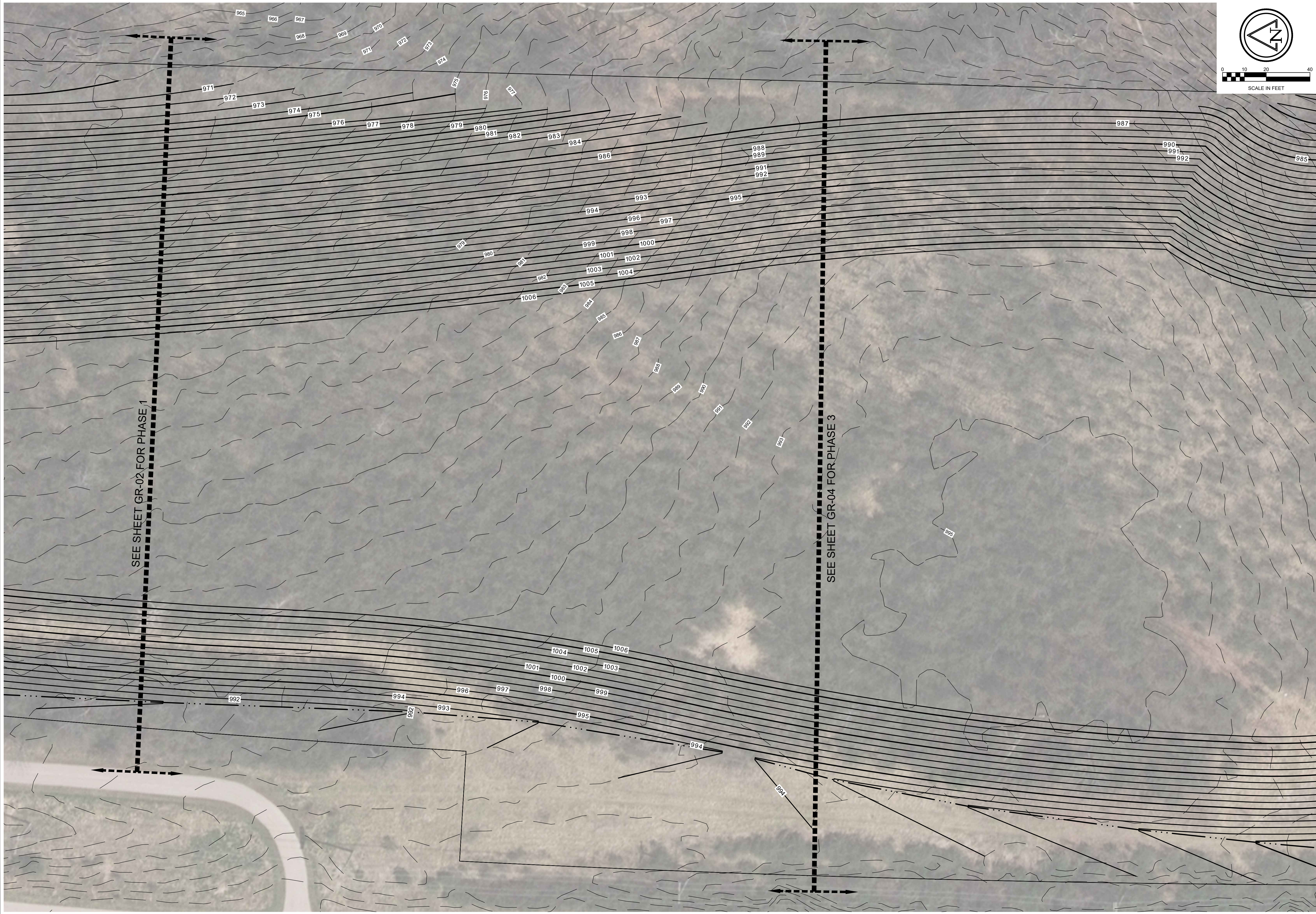
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**GR-02**

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TOWN: 6N RANGE: 9E SECTION(S): 5SW

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SHEET NO.  
**GR-03**

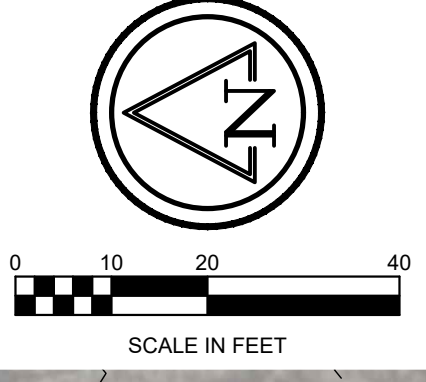
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SEE SHEET GR-03 FOR PHASE 2

GRADE DIVERSION SWALE AND RESTORE PRIOR TO FILL OPERATIONS  
 (1' DEPTH, 3:1 SIDE SLOPES)  
 979.00' DOWNSTREAM  
 981.50' UPSTREAM  
 200' LENGTH  
 1.25% SLOPE



7	TOWN: 8N	SECTION(S): 5SW
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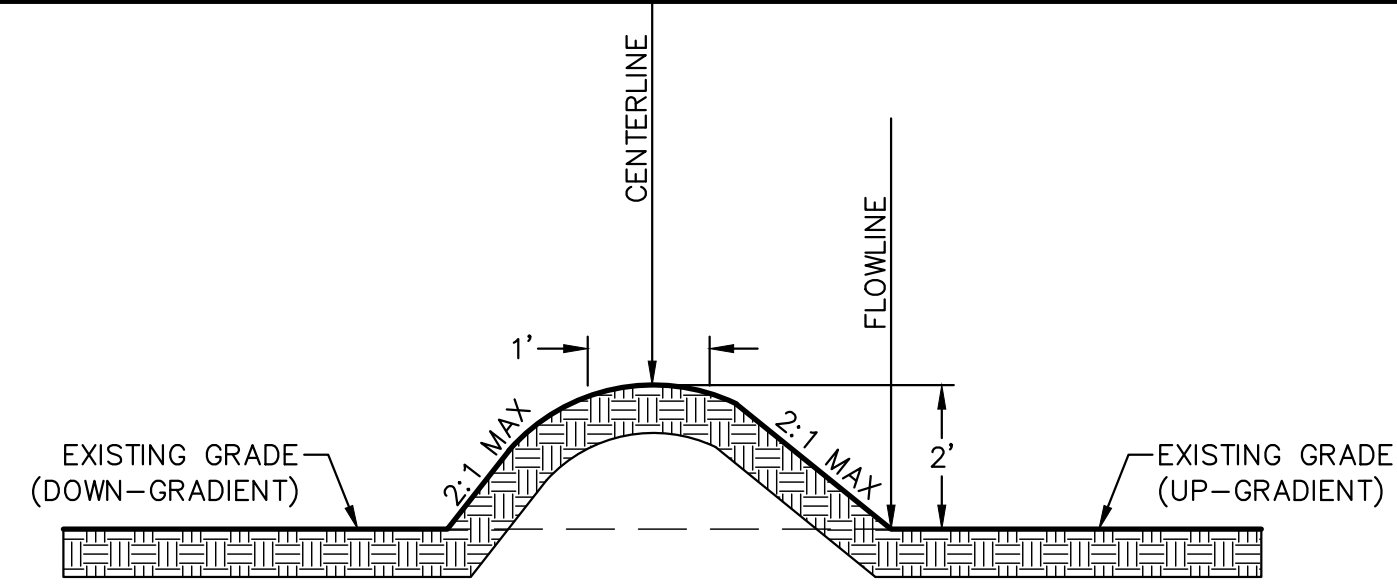
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 CITY OF FITCHBURG  
 DANE COUNTY, WISCONSIN

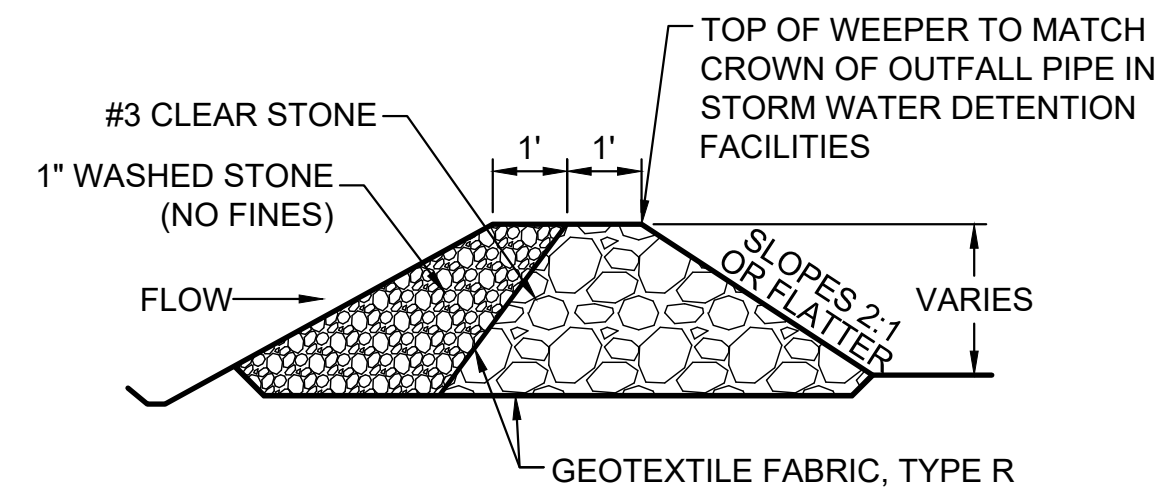
© COPYRIGHT 2021 RUEKERT & MIELKE INC.  
 DESIGNED BY: BET  
 DRAFTED BY: JTK  
 CHECKED BY: AWB  
 DATE: FEB 15TH, 2021  
 FILE NO.  
**8280-10002.100**

SHEET NO.  
**GR-04**

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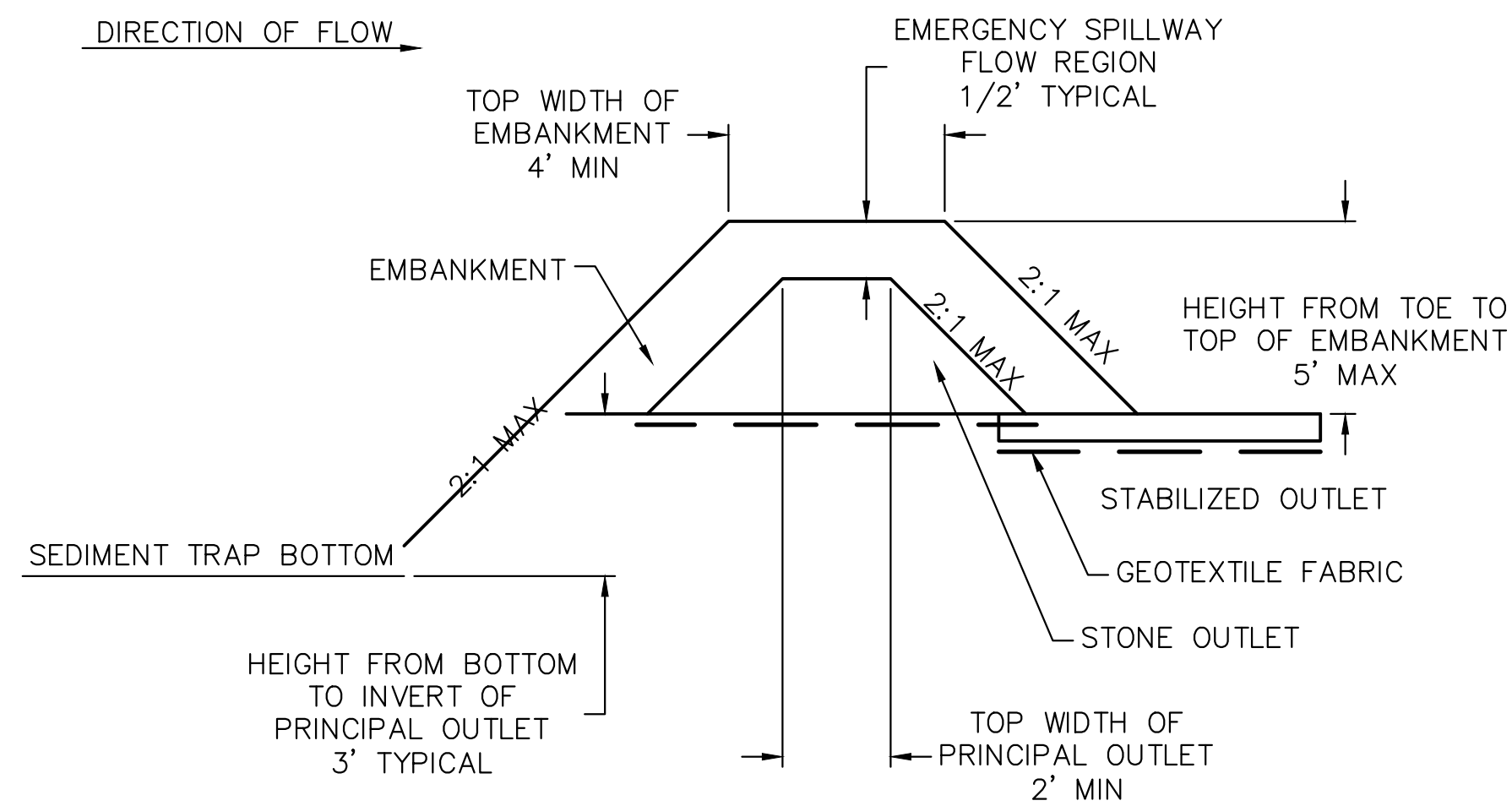
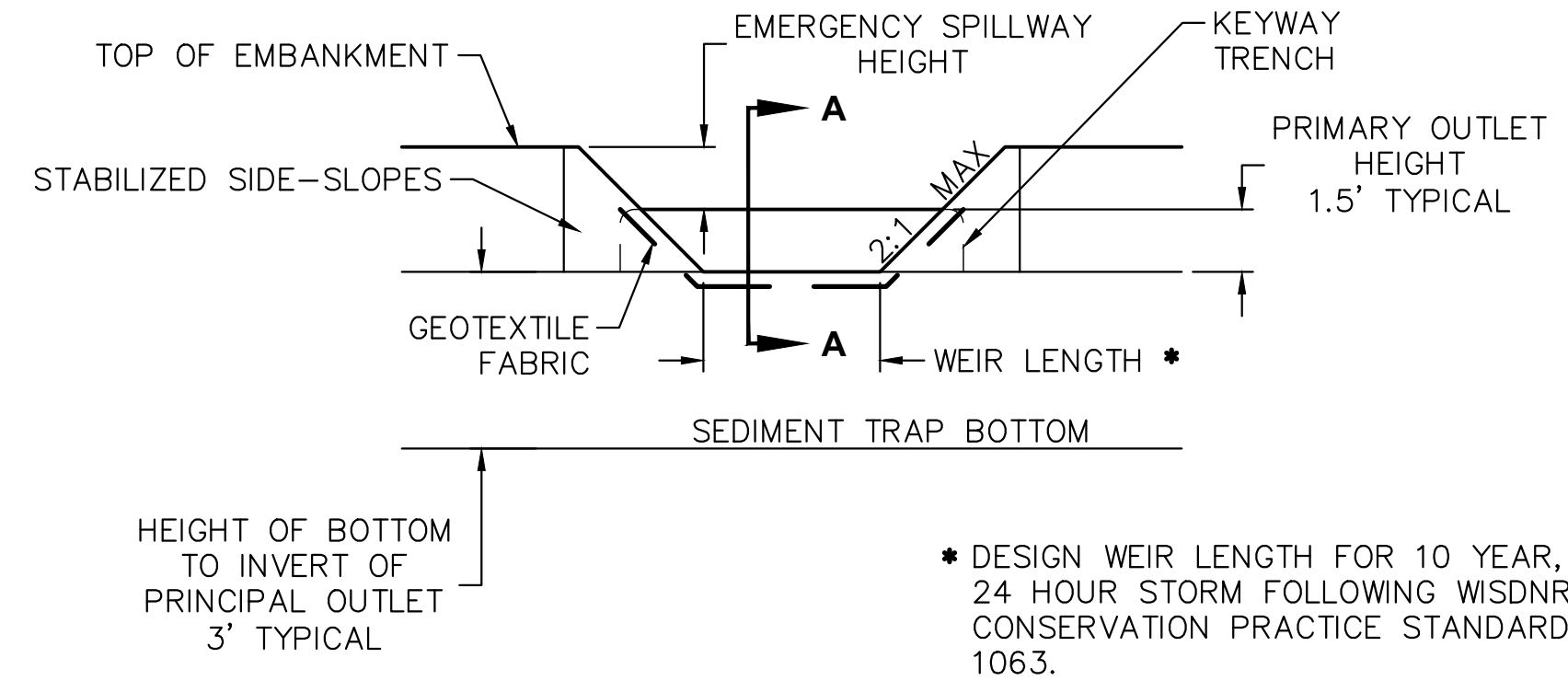


**TEMPORARY BERM DETAIL**  
EC-SWALE-01 2 NO SCALE



NOTE: ALL STONE WEEPERS MUST BE CONSTRUCTED TO 6' IN LENGTH. REFER TO SHEETS EC-01 - EC-03 FOR DETAIL ON LOCATIONS.

**STONE WEEPER**  
EC-RR-06 32 NO SCALE



**SECTION A-A**  
NOTE: FOR SIZING OF SEDIMENT TRAP, REFER TO SHEETS EC-01 - EC-03. SEDIMENT TRAPS NEED TO BE CONSTRUCTED PER PLAN.  
**SEDIMENT TRAP OUTLET**  
EC-SED-03 3 NO SCALE

7  
6  
5  
4  
3  
2  
1  
TOWN: 8N RANGE: 9E SECTION: 9E

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2021 THERMO FISHER FILL SITE  
CONSTRUCTION DETAILS  
CITY OF FITCHBURG  
DANE COUNTY, WISCONSIN

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SHEET NO.  
**DT-01**







# Surface Water Data Viewer Map



Legend	
	Wetland Identifications and Confirmations
<b>Wetland Class Points</b>	
	Dammed pond
	Excavated pond
	Filled excavated pond
	Filled/draind wetland
	Wetland too small to delineate
<b>Filled Points</b>	
<b>Wetland Class Areas</b>	
	Wetland
	Upland
<b>Filled Areas</b>	
<b>Wetland Class Points</b>	
	Dammed pond
	Excavated pond
	Filled excavated pond
	Filled/draind wetland
	Wetland too small to delineate
<b>Filled Points</b>	
<b>Wetland Class Areas</b>	
	Wetland
	Upland
<b>Filled Areas</b>	
	NRCS Wetspots
	Maximum Extent Wetland Indicators
	Municipality
	State Boundaries
	County Boundaries
<b>Major Roads</b>	
	Interstate highway
	State Highway
	US Highway
<b>County and Local Roads</b>	

## Notes

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/legal/>



1: 7,920

NAD\_1983\_HARN\_Wisconsin\_TM



# Soil Loss & Sediment Discharge Calculation Tool

for use on Construction Sites in the State of Wisconsin

WDNR Version 2.0 (06-29-2017)



YEAR 1

Developer: Thermo Fisher Scientific  
 Project: 2021 Thermo Fisher Fill Site  
 Date: 02/10/21  
 County: Dane

Version 1.0

Activity (1)	Begin Date (2)	End Date (3)	Period % R (4)	Annual R Factor (5)	Sub Soil Texture (6)	Soil Erodibility K Factor (7)	Slope (%) (8)	Slope Length (ft) (9)	LS Factor (10)	Land Cover C Factor (11)	Soil loss A (tons/acre) (12)	SDF (13)	Sediment Control Practice (14)	Sediment Discharge (t/ac) (15)
Bare Ground	04/15/21	11/01/21	90.9%	150	Silt Loam	0.43	5.0%	60	0.42	1.00	24.3	0.887	Sediment Basin	4.3
Seed with Mulch or Eri	11/01/21	01/15/22	2.9%	150	Silt Loam	0.43	5.0%	60	0.42	0.10	0.1	0.887	Sediment Basin	0.0
End	01/15/22	-----	-----	-----	-----	-----	5.0%	60	0.42	-----	-----	0.000		0.0
		-----	-----	-----	-----	-----	5.0%	60	0.42	-----	-----	0.000		0.0
		-----	-----	-----	-----	-----	5.0%	0	-----	-----	-----	0.000		0.0
		-----	-----	-----	-----	-----	0.0%	0	-----	-----	-----	0.000		0.0
<b>TOTAL</b>											<b>24.4</b>		<b>TOTAL</b>	<b>4.3</b>
													<b>% Reduction Required</b>	<b>NONE</b>

**Notes:**

See Help Page for further descriptions of variables and items in drop-down boxes.  
 The last land disturbing activity on each sheet must be 'End'. This is either 12 months from the start of construction or final stabilization.  
 For periods of construction that exceed 12 months, please demonstrate that 5 tons/acre/year is not exceeded in any given 12 month period.

NOTE: THIS TOOL ONLY ADDRESSED SOIL EROSION DUE TO SHEET FLOW. MEASURES TO CONTROL CHANNEL EROSION MAY ALSO BE REQUIRED TO MEET SEDIMENT DISCHARGE REQUIREMENTS.

**Recommended Permanent Seeding Dates:**

4/1-5/15 and 8/7-8/29 Turf, introduced grasses and legumes  
 Thaw-6/30 Native Grasses, forbs, and legumes

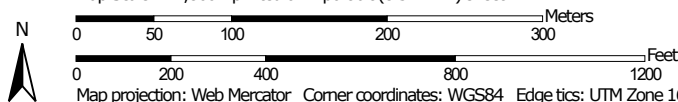
Designed By:	BET
Date	2/10/2021

Soil Map—Dane County, Wisconsin



Soil Map may not be valid at this scale.

Map Scale: 1:4,860 if printed on A portrait (8.5" x 11") sheet.




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





## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Dane County, Wisconsin

Survey Area Data: Version 18, Sep 10, 2019

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

Date(s) aerial images were photographed: Aug 16, 2013—Aug 29, 2013

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

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BbB	Batavia silt loam, gravelly substratum, 2 to 6 percent slopes	1.6	8.3%
BoD2	Boyer sandy loam, 12 to 20 percent slopes, eroded	0.2	1.1%
DrD2	Dresden loam, 12 to 20 percent slopes, eroded	1.7	8.9%
DsC2	Dresden silt loam, 6 to 12 percent slopes, eroded	4.8	25.0%
KdC2	Kidder loam, 6 to 12 percent slopes, eroded	3.5	17.9%
KeB	Kegonsa silt loam, 2 to 6 percent slopes	5.4	27.8%
MdC2	McHenry silt loam, 6 to 12 percent slopes, eroded	0.2	1.0%
ScB	St. Charles silt loam, 2 to 6 percent slopes	1.9	10.0%
<b>Totals for Area of Interest</b>		<b>19.3</b>	<b>100.0%</b>