

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS

SHEET NO.	D1-D2	TYPICAL SECTIONS & DETAILS
SHEET NO.	01	OVERVIEW PLAN
SHEET NO.	EX1-EX3	EXISTING CONDITIONS
SHEET NO.	GPI-GP7	GRADING & EROSION CONTROL PLANS
SHEET NO.	X1-X16	SHORELINE CROSS SECTIONS
SHEET NO.	X17-X-21	MAINTENANCE PATH CROSS SECTIONS
SHEET NO.	U1	STORMWATER UTILITY PLAN

NORTHEAST REGIONAL POND REPAIR

CITY PROJECT NO. 15427
CONTRACT NO. 8739

PUBLIC IMPROVEMENT PROJECT
APPROVED

APPROVED DATE

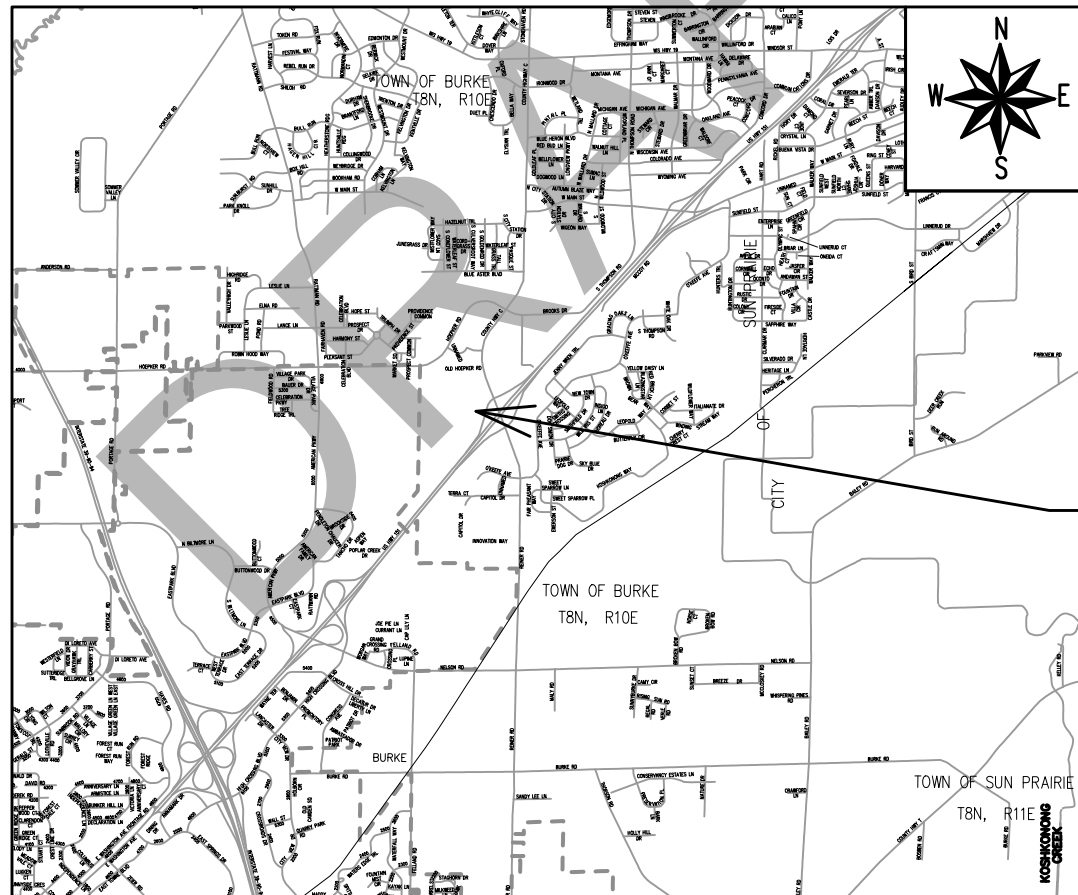
BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

City Engineer

Date

SHORELINE
DESIGNED BY:



PROJECT
LOCATION

CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SN —
WATER	— W —
BURIED ELECTRIC	— E —
OVERHEAD ELECTRIC	— OH —
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

NOTES:

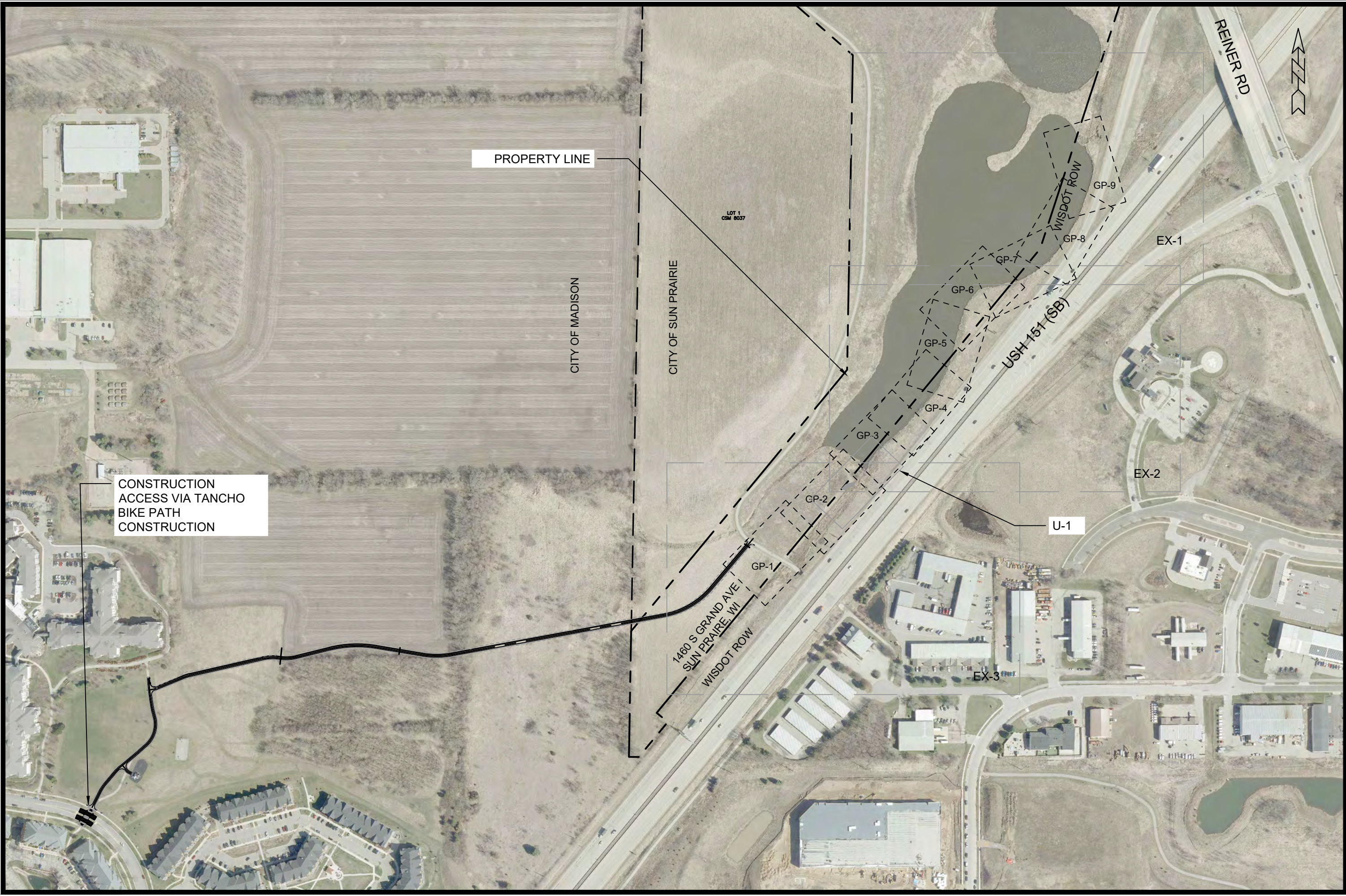
- ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.
- SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.

PLOT SCALE: 1:1_XREF

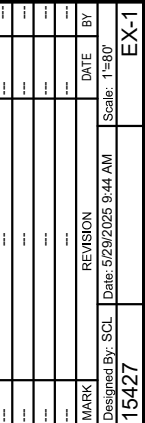
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REV. DATE: 5/22/2025 3:51 PM

ORIGINATOR: CITY_OF_MADISON



	15427		15427	
	NORTHEAST REGIONAL POND REPAIR		MADISON, WI	
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		DESIGNED BY: SCL	DATE: 5/29/2025 9:43 AM	BY: O-1
		REVISION	Scale: 1"=300'	



15427
EX-1

SEE SHEET EX-1

SEE SHEET EX-1

EXISTING WATER
ELEVATION AT
TIME OF SURVEY
(848.60)

PROPERTY LINE

DELINEATED
WETLAND

EXISTING FENCE

EXISTING CHAIN LINK FENCE

EXISTING SIGN

DELINEATED WETLAND

USH 151 (SB)

WDOT ROW

SEE SHEET EX-3

SEE SHEET EX-3

15427

MADISON, WI 53706

8739

EXISTING CONDITIONS

NORTHEAST REGIONAL POND REPAIR

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CONTRACT NO:

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Designed By: SCL	Date: 5/29/2025	9:44 AM	Scale: 1"=80'
15427			EX-1



15427

EX-2



15427		MADISON, WI		15427		EX-1	
EXISTING CONDITIONS		NORTHEAST REGIONAL POND REPAIR		CONTRACT NO:		8739	
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15427		EX-3					



15427

EX-3

USH 151

PAVEMENT
GRAVEL

RELOCATE EXISTING FENCE

EXISTING CHAIN LINK FENCE

EP STA 5+84.03

GRADING EXTENTS

EX. WATER LINE AT SURVEY

WDOT RIGHT OF WAY

MATCH LINE 1+73.42

938.0

1+00

-0+00

PT STA 4+90.42

MATCH SHEET GP-3

NWE WITH WEIR
IMPROVEMENTS @ 937

SEE UTILITY PLAN (U-1) FOR
PROPOSED STORM SEWER AND
STORM SEWER REMOVALS

SHORELINE SECTION
ALIGNMENT

LEGEND

- ACCESS PATH, SEE TYPICAL SECTION
- EXISTING WETLAND
- HEAVY RIPRAP
- EROSION MATTING, CLASS I, URBAN TYPE A
- EXISTING NWE @938.6
- EXISTING CHAIN LINK FENCE
- SILT SOCK
- TEMPORARY CONSTRUCTION FENCE
- GRADING LIMITS

NOTES:

- PLACE CLASS I, URBAN TYPE A EROSION CONTROL MATTING OVER ALL DISTURBED AREAS IN ACCORDANCE WITH THIS CONTRACT AND THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONTRACTS.
- SEED ALL DISTURBED AREAS WITH INFILTRATION SIDE SLOPES SEEDING, IN ACCORDANCE WITH THIS CONTRACT AND THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONTRACTS.

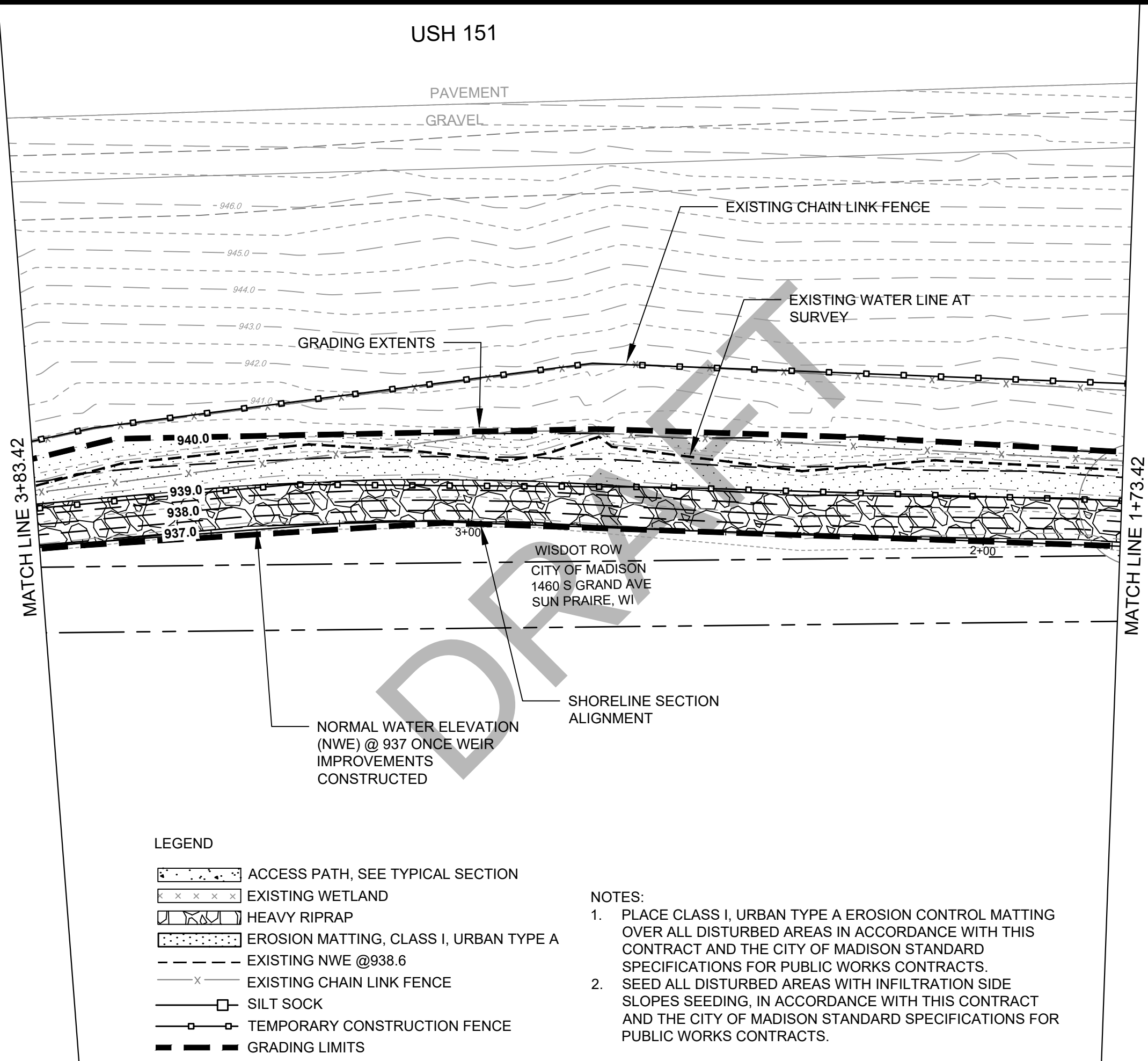
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MADISON, WI
8739
CONTRACT NO:

GRADING AND EROSION CONTROL PLAN
NORTHEAST REGIONAL POND SHORELINE REPAIR
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15427
GP-3

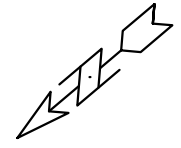


LEGEND

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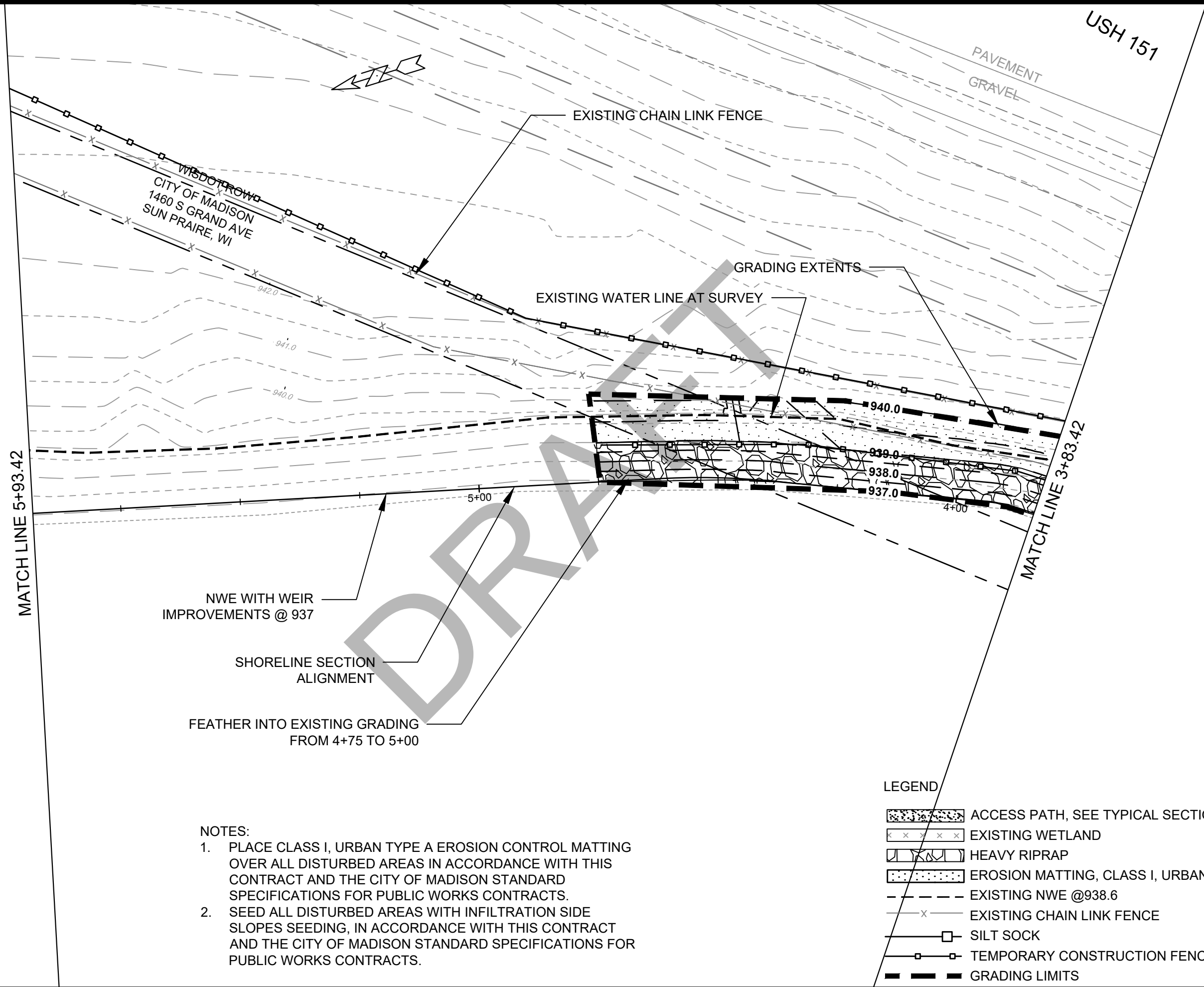
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GRADING AND EROSION CONTROL PLAN		15427
NORTHEAST REGIONAL POND SHORELINE REPAIR		MADISON, WI
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CITY OF MADISON WISCONSIN		GP-4
15427		GP-4

MARK	REVISION	DATE	BY
15427	5/29/2025 9:44 AM	GP-4	



- NOTES:
1. PLACE CLASS I, URBAN TYPE A EROSION CONTROL MATTING OVER ALL DISTURBED AREAS IN ACCORDANCE WITH THIS CONTRACT AND THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONTRACTS.
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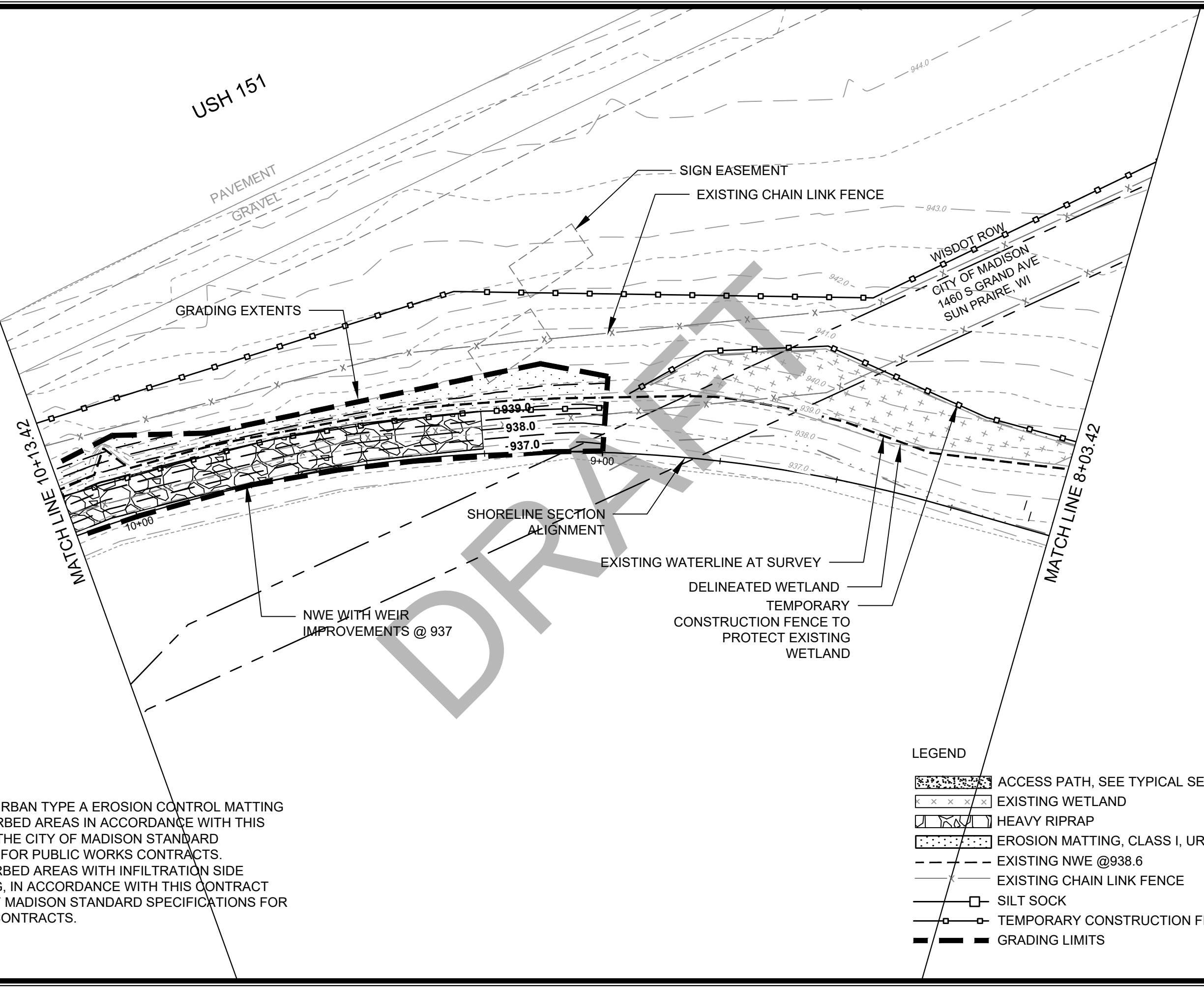
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GRADING AND EROSION CONTROL PLAN		15427	
NORTHEAST REGIONAL POND SHORELINE REPAIR		MADISON, WI	
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15427		GP-5	

15427
GP-5

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Scale: 1" = 20'



NOTES:

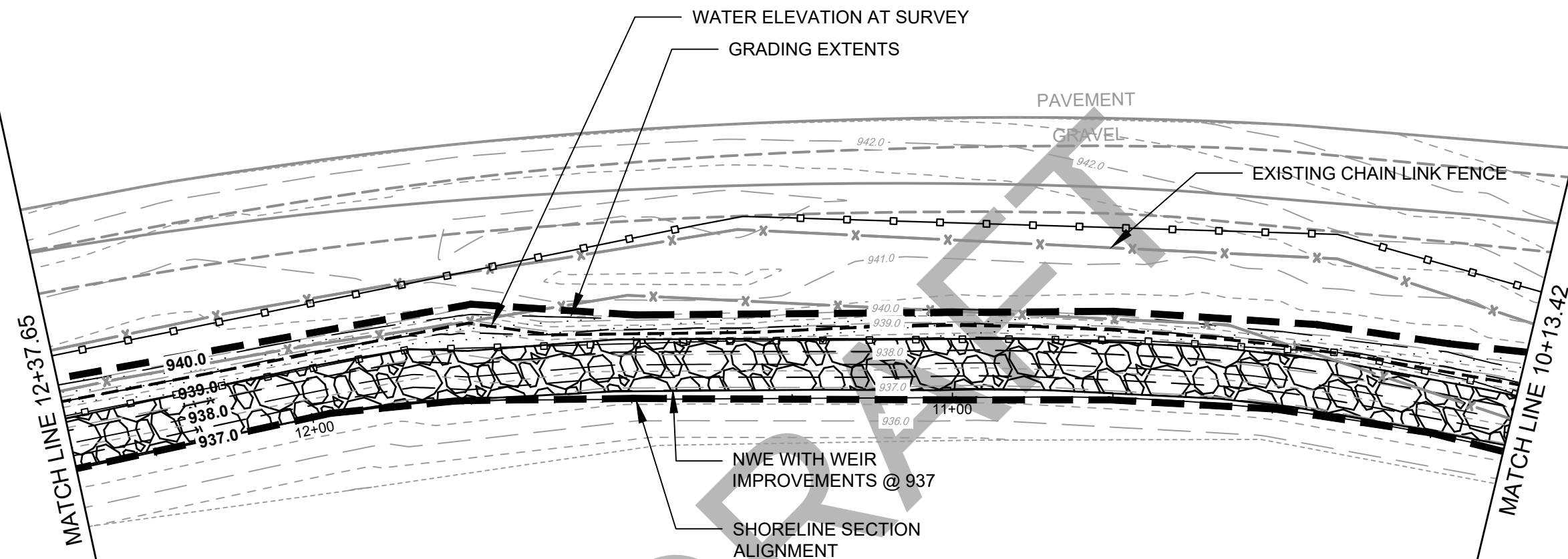
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GRADING AND EROSION CONTROL PLAN	15427	15427	GP-7
NORTHEAST REGIONAL POND SHORELINE REPAIR	MADISON, WI	8739	
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CONTRACT NO: 8739			
CITY OF MADISON WISCONSIN			
15427			
GP-7			

MARK	REVISION	DATE	BY
15427	15427	5/29/2025 9:45 AM	GP-7



WISDOT ROW
CITY OF MADISON
1420 S GRAND AVE
SUN PRAIRE, WI

- NOTES:
1. PLACE CLASS I, URBAN TYPE A EROSION CONTROL MATTING OVER ALL DISTURBED AREAS IN ACCORDANCE WITH THIS CONTRACT AND THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONTRACTS.
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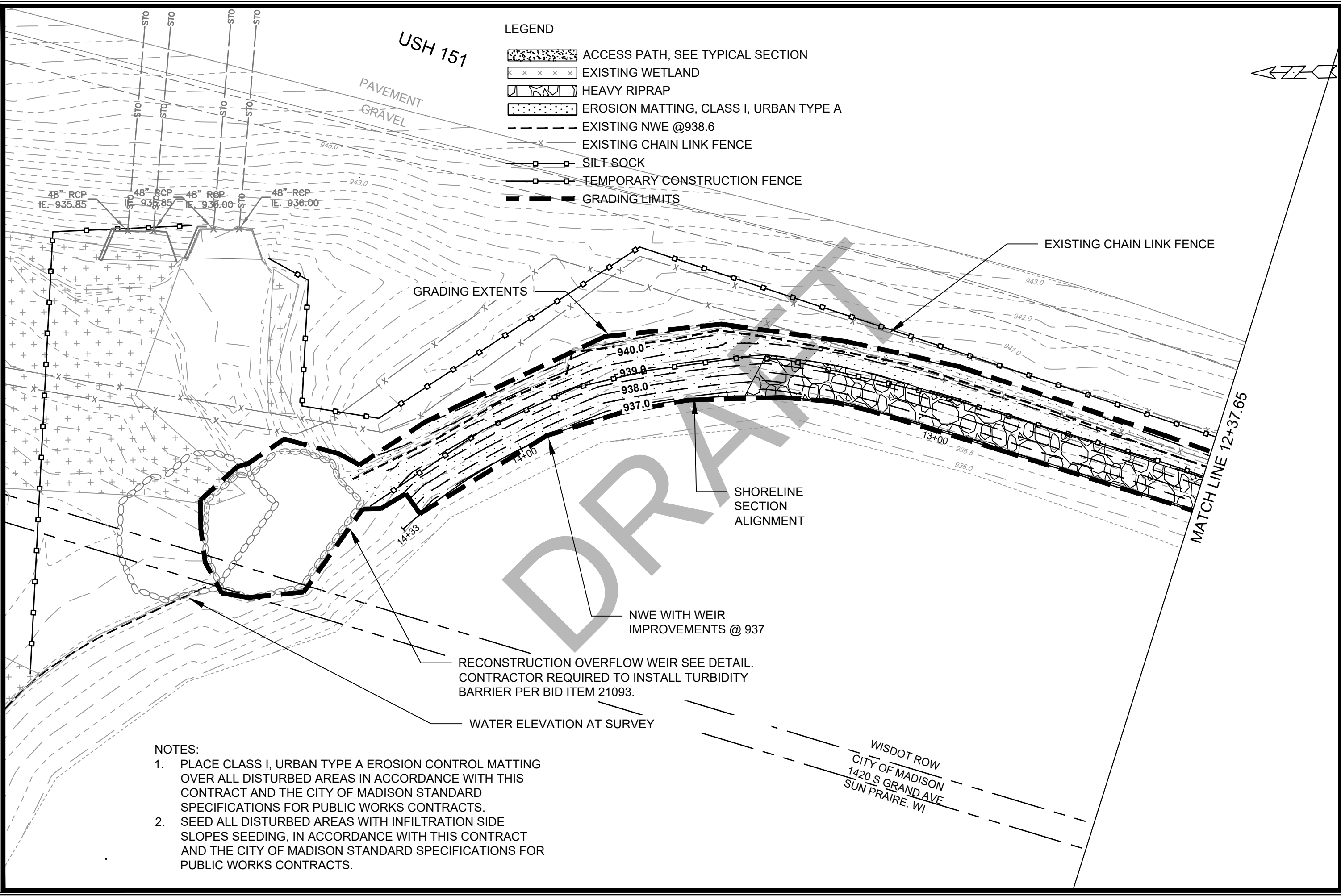
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MADISON, WI
8739
CONTRACT NO:

GRADING AND EROSION CONTROL PLAN
NORTHEAST REGIONAL POND SHORELINE REPAIR
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15427
GP-8



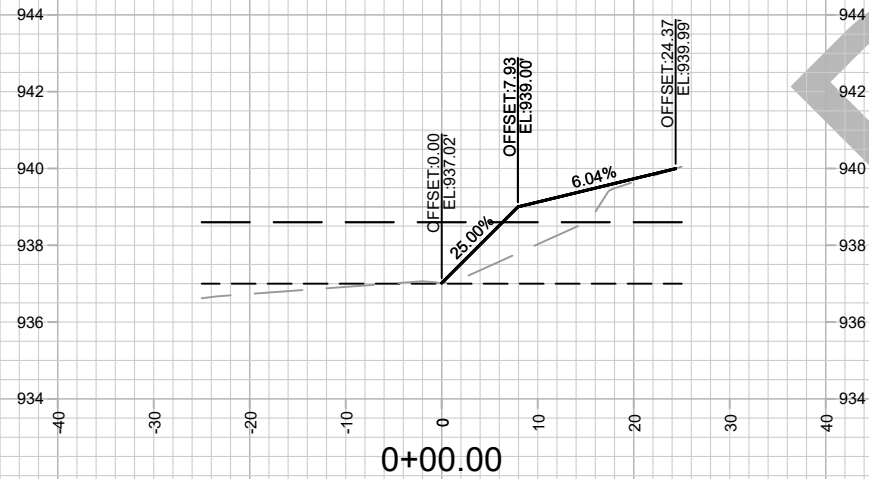
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 - EXISTING WETLAND
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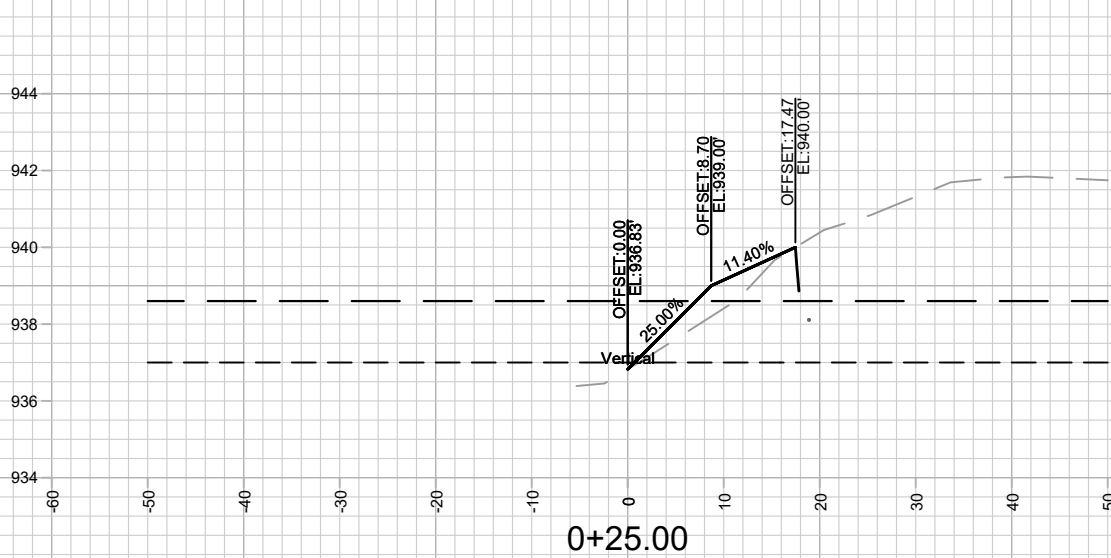
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15427		MADISON, WI		8739	
GRADING AND EROSION CONTROL PLAN		NORTHEAST REGIONAL POND SHORELINE REPAIR		CONTRACT NO:	
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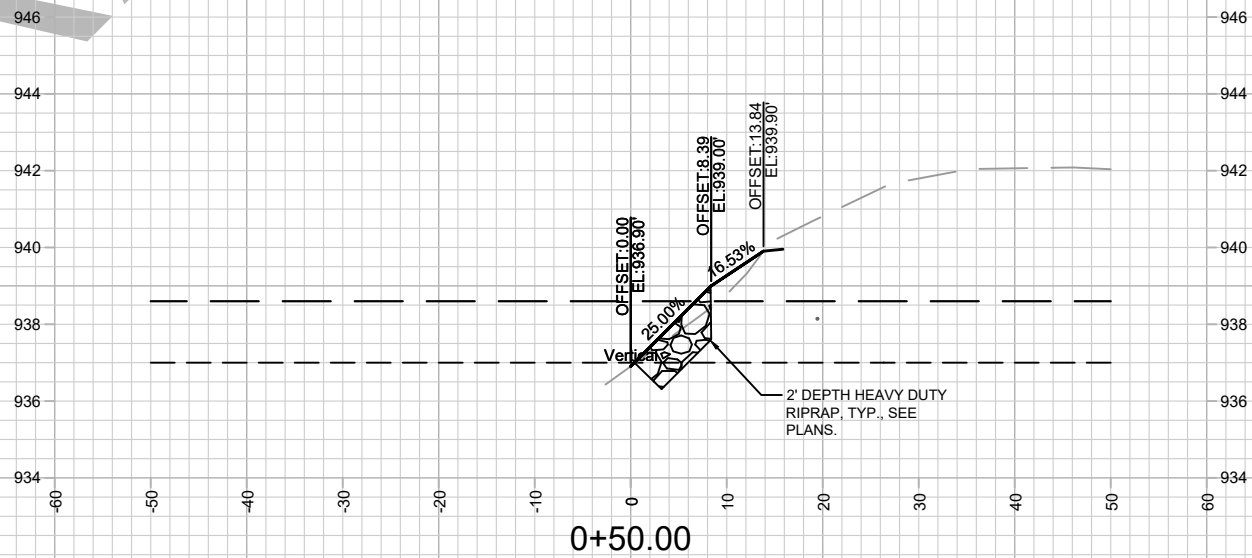
WISDOT ROW
CITY OF MADISON
1420 S GRAND AVE
SUN PRAIRE, WI



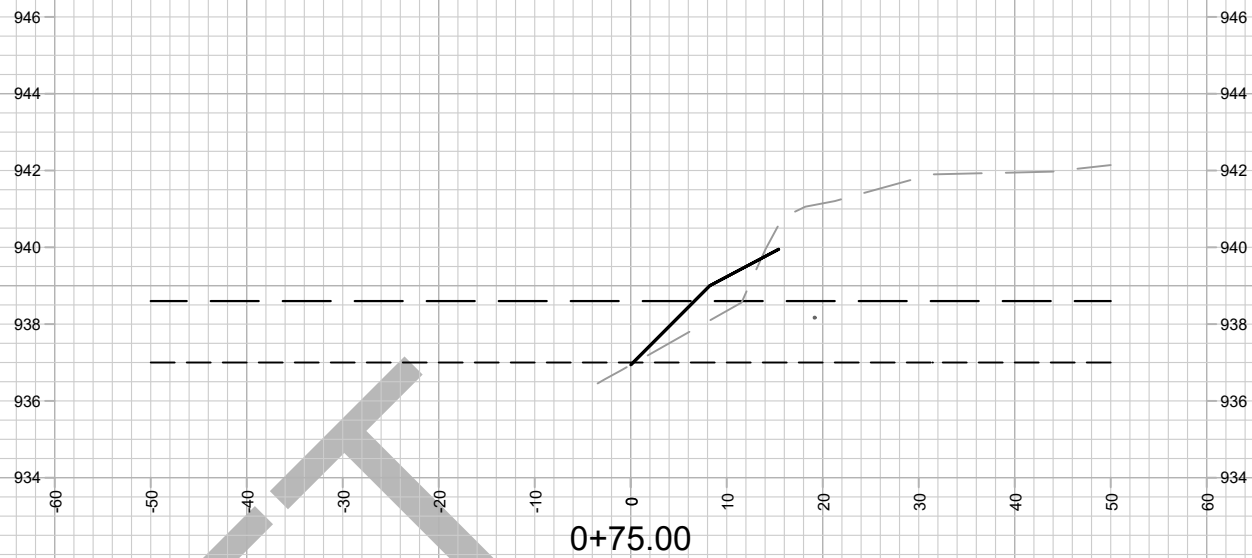
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0+25.00



0+50.00



0+75.00



15427
X-1

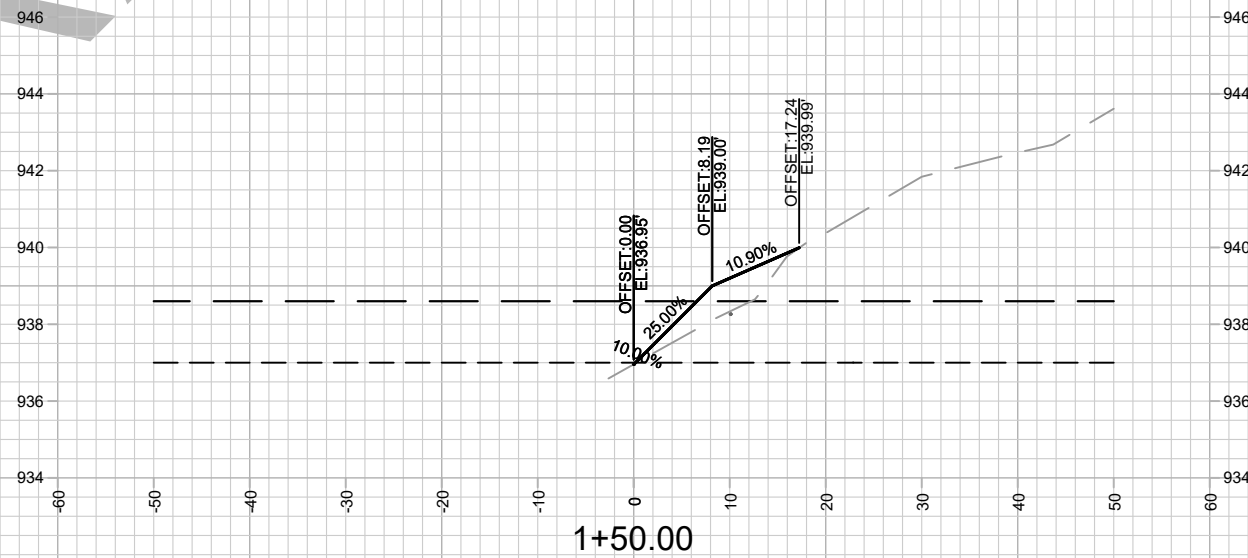
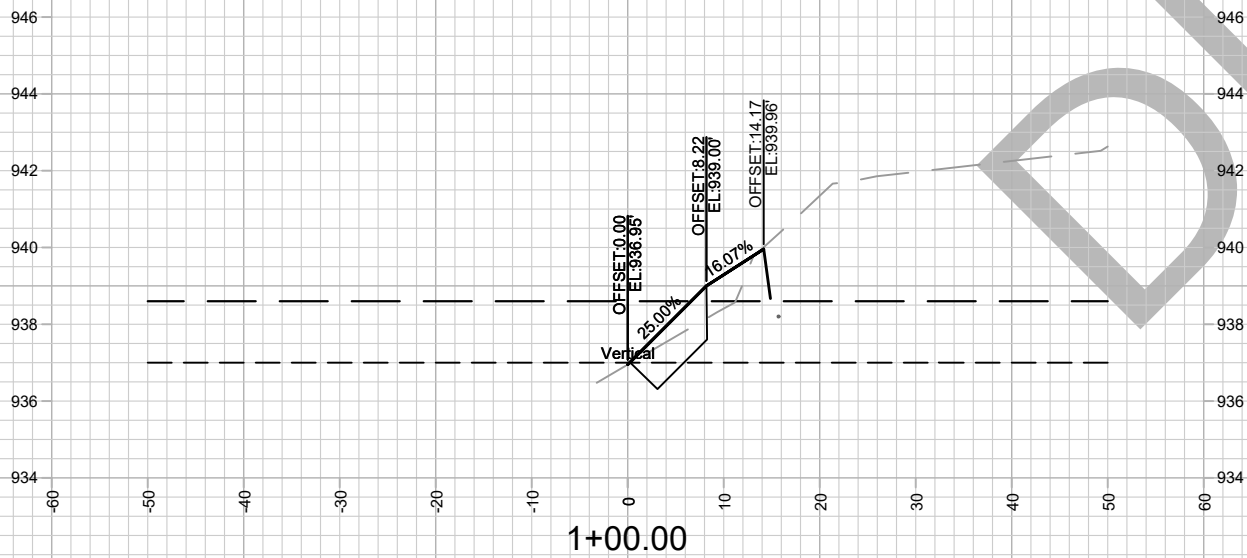
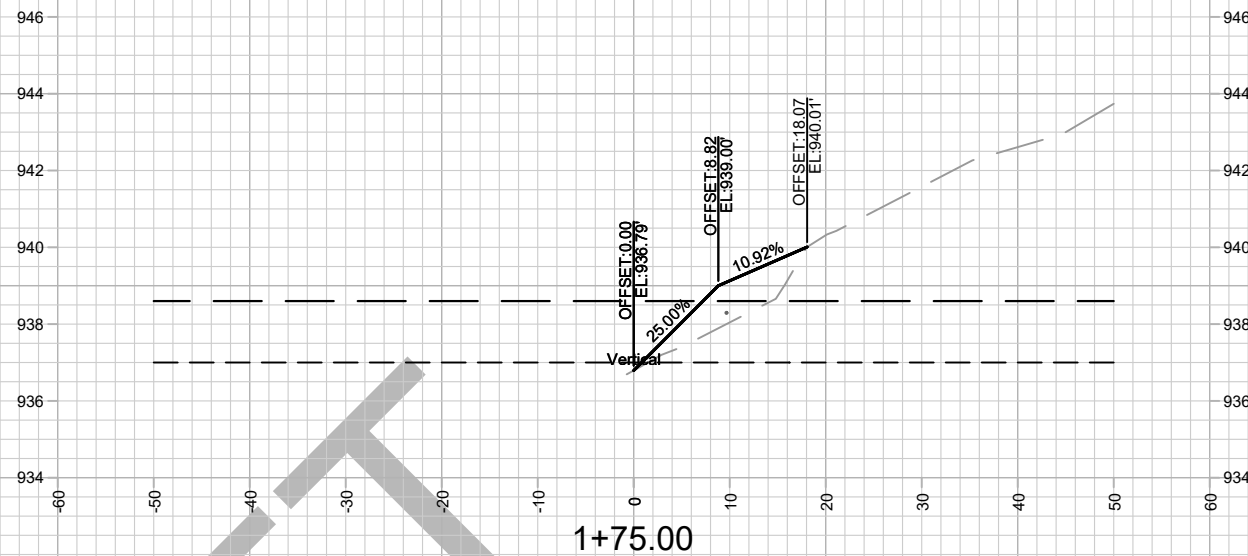
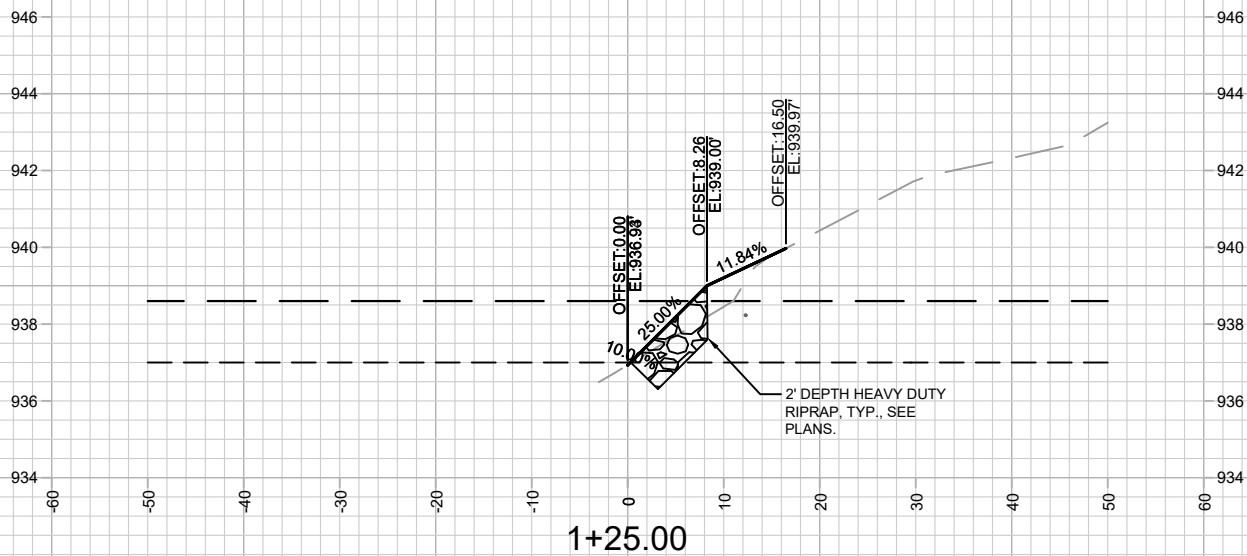
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NORTHEAST REGIONAL POND SHORELINE REPAIR

15427
MADISON, WI

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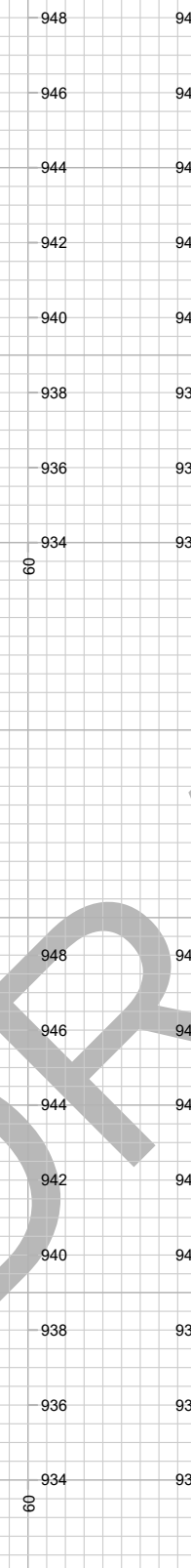
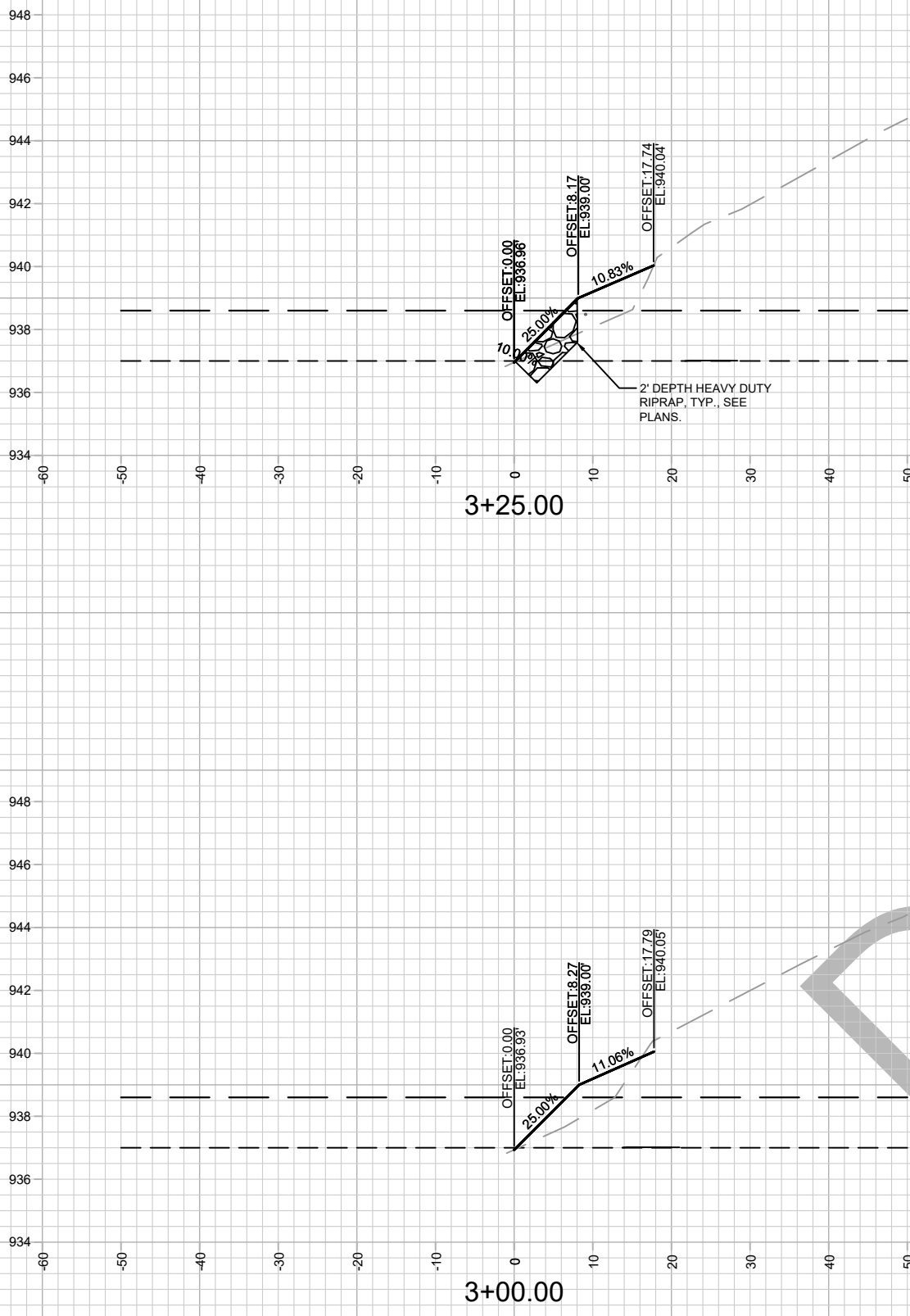


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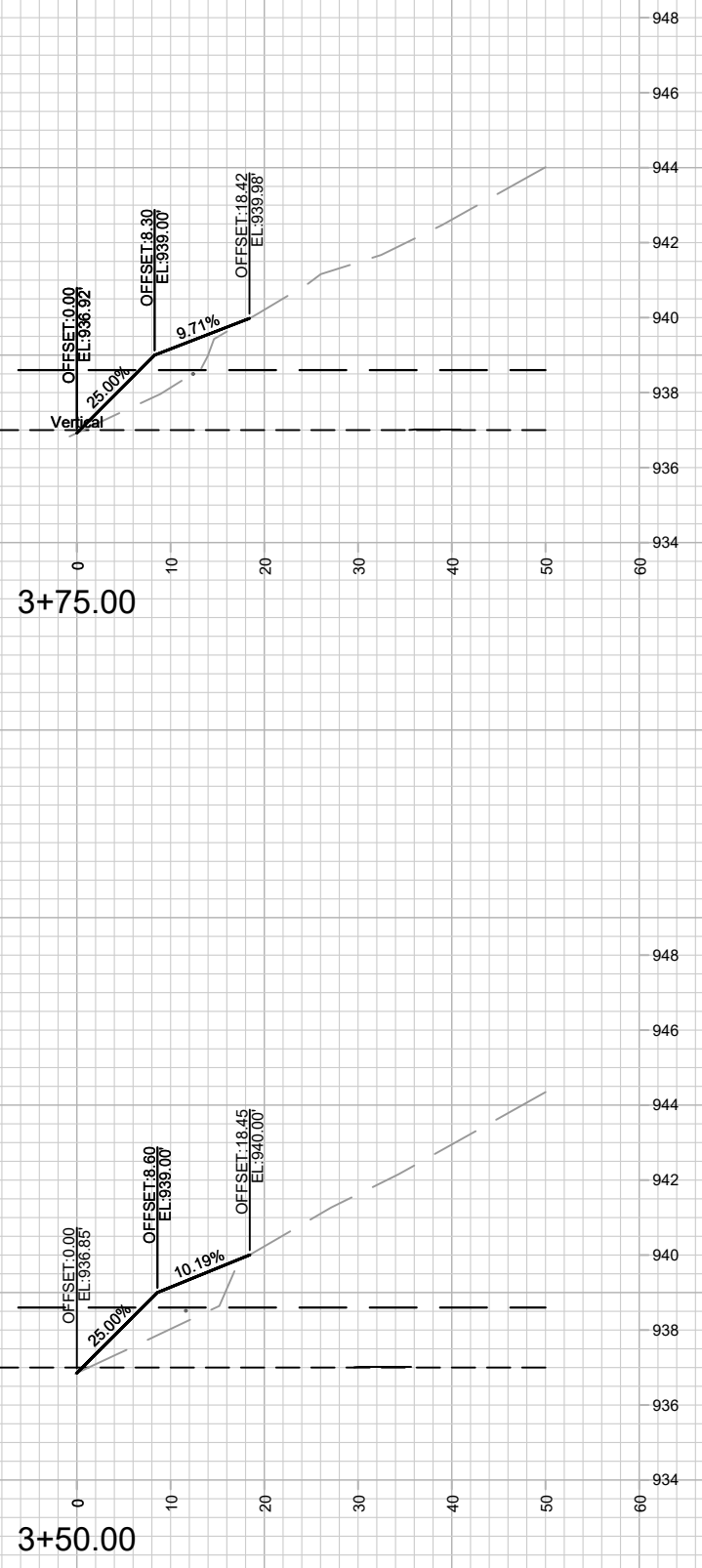
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15427
X-2



DRAFT



3+75.00



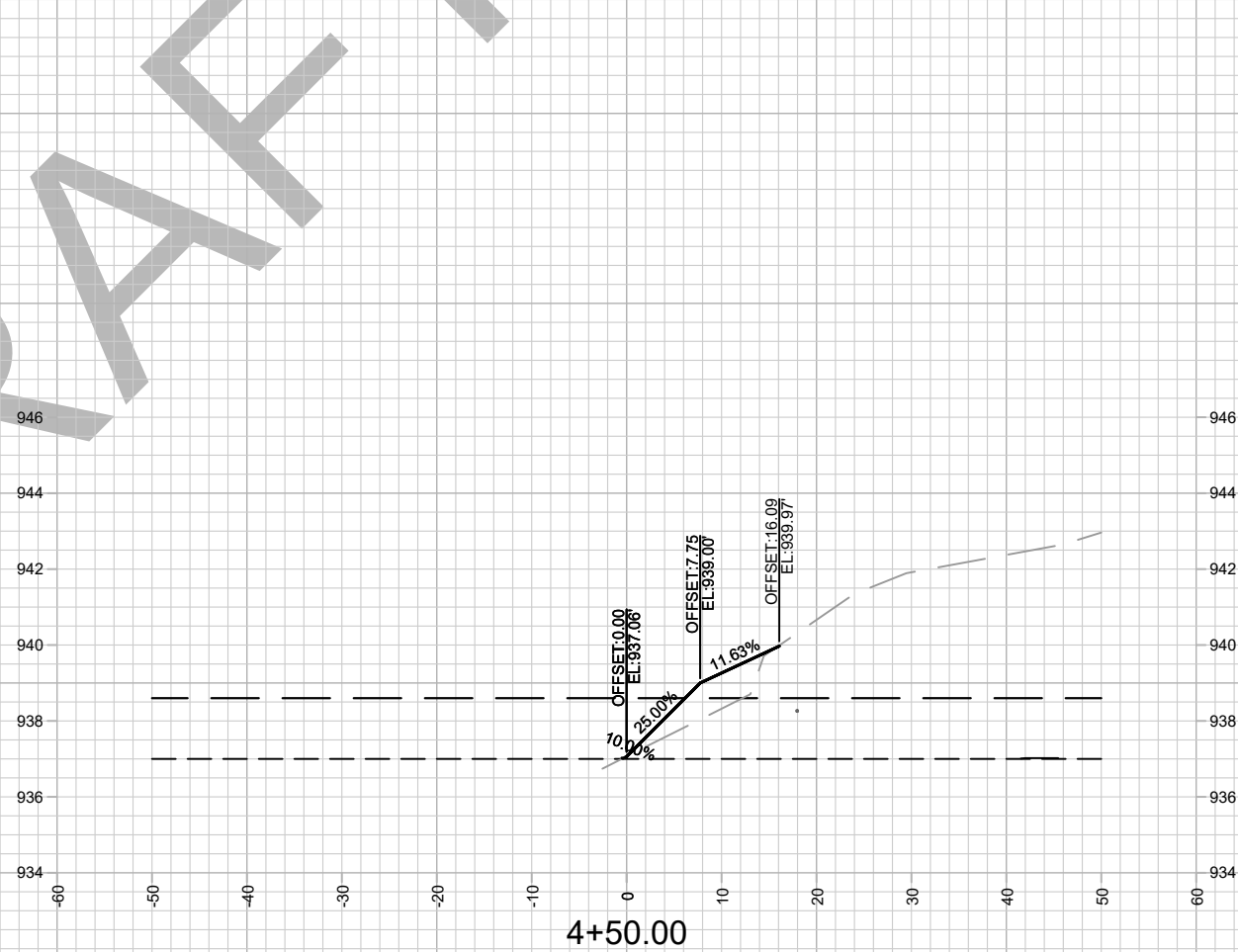
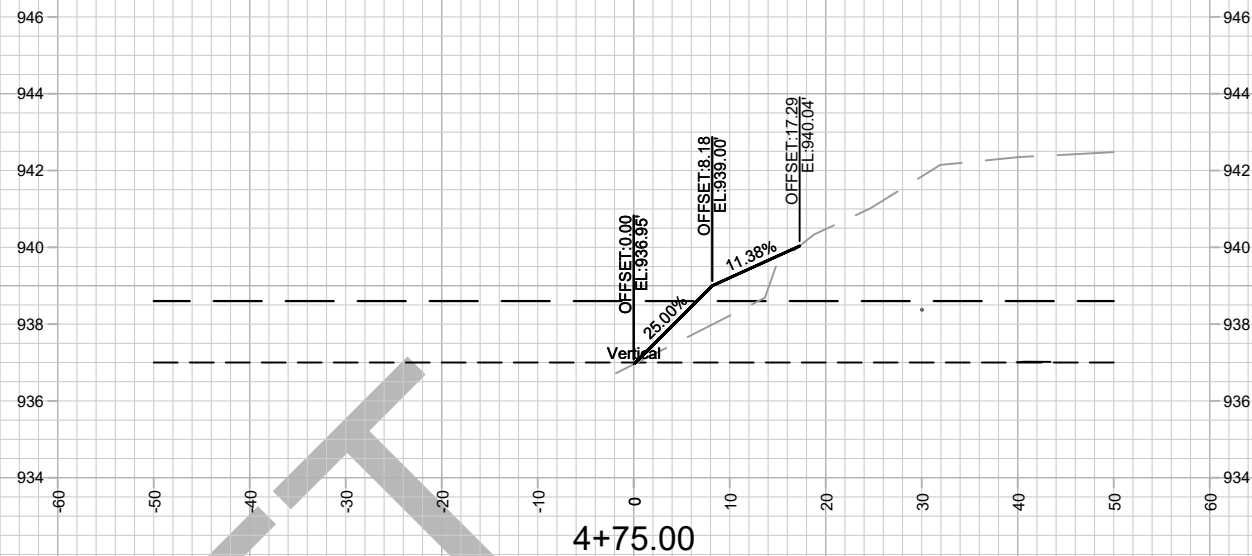
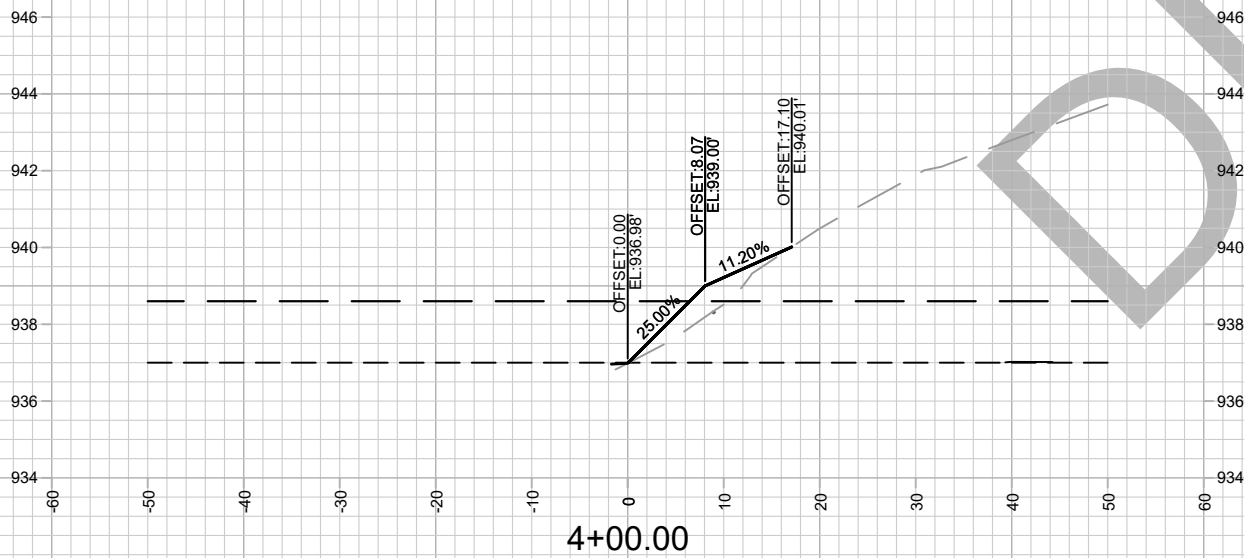
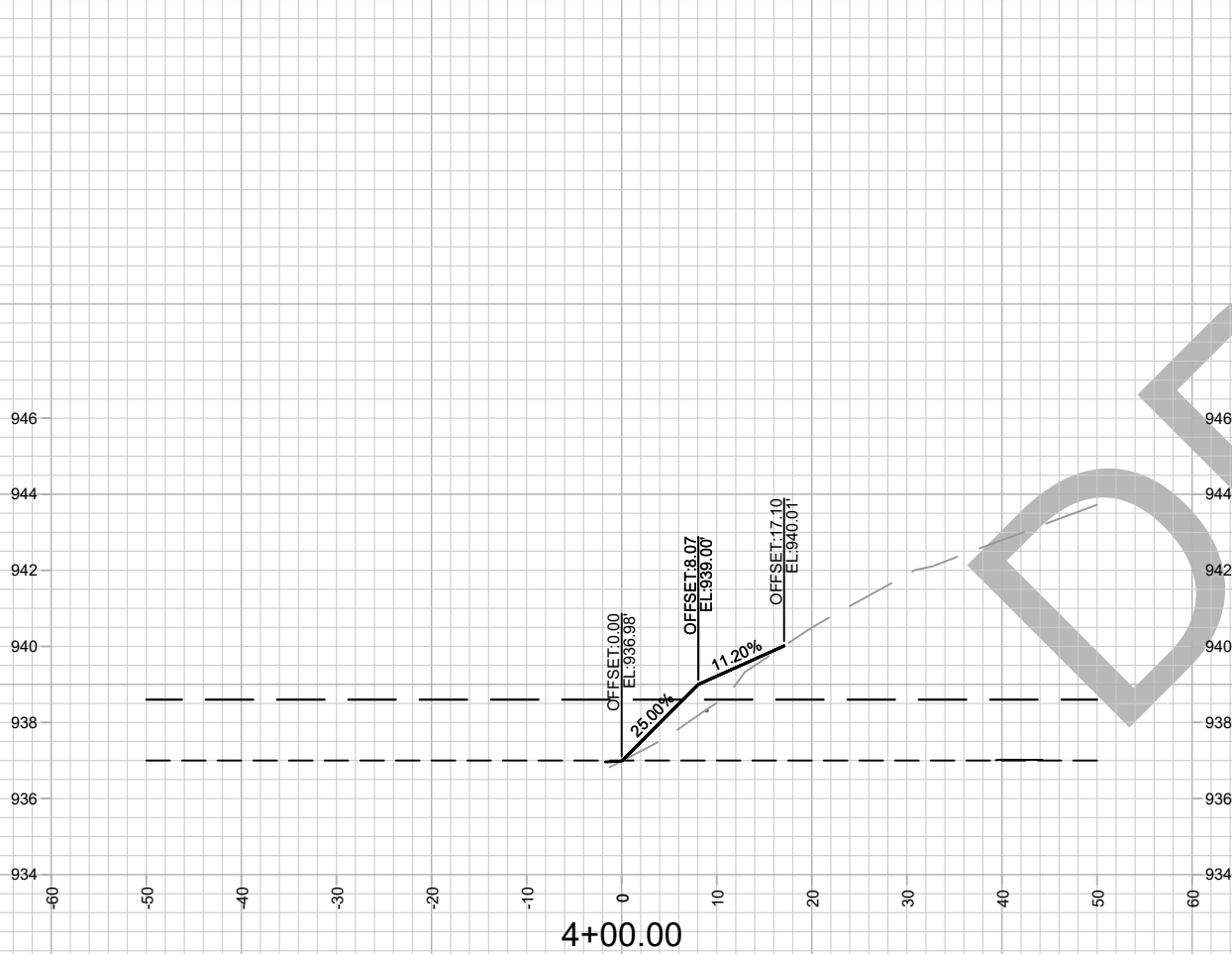
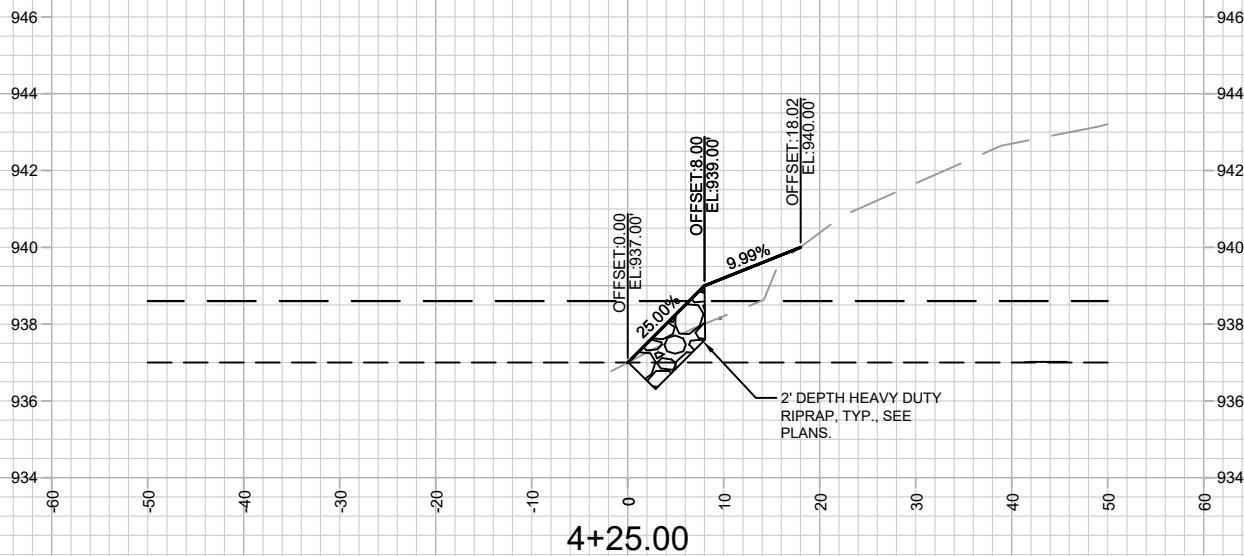
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CROSS SECTIONS - SHORELINE
NORTHEAST REGIONAL POND SHORELINE REPAIR

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MADISON, WI
CONTRACT NO: 8739

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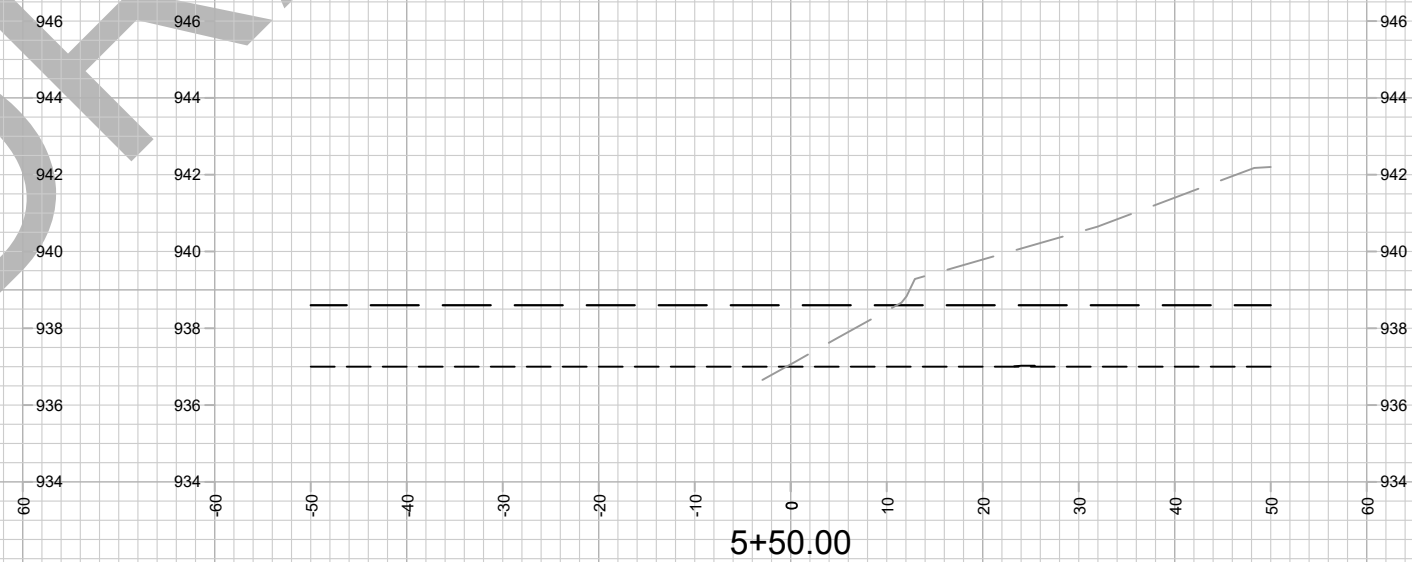
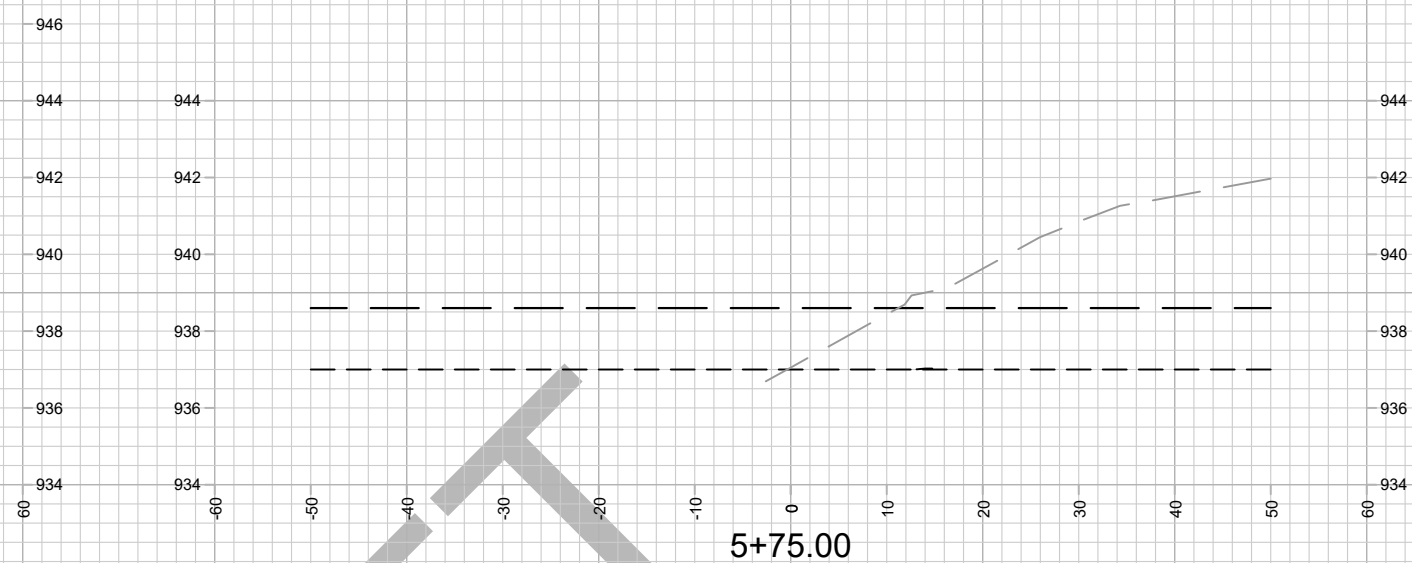
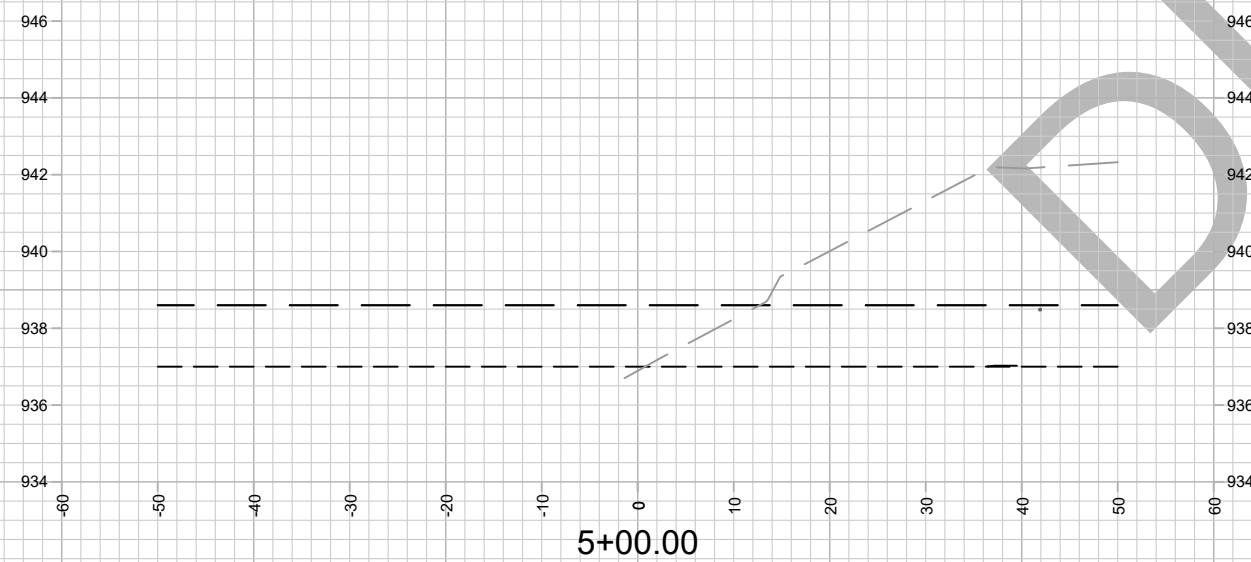
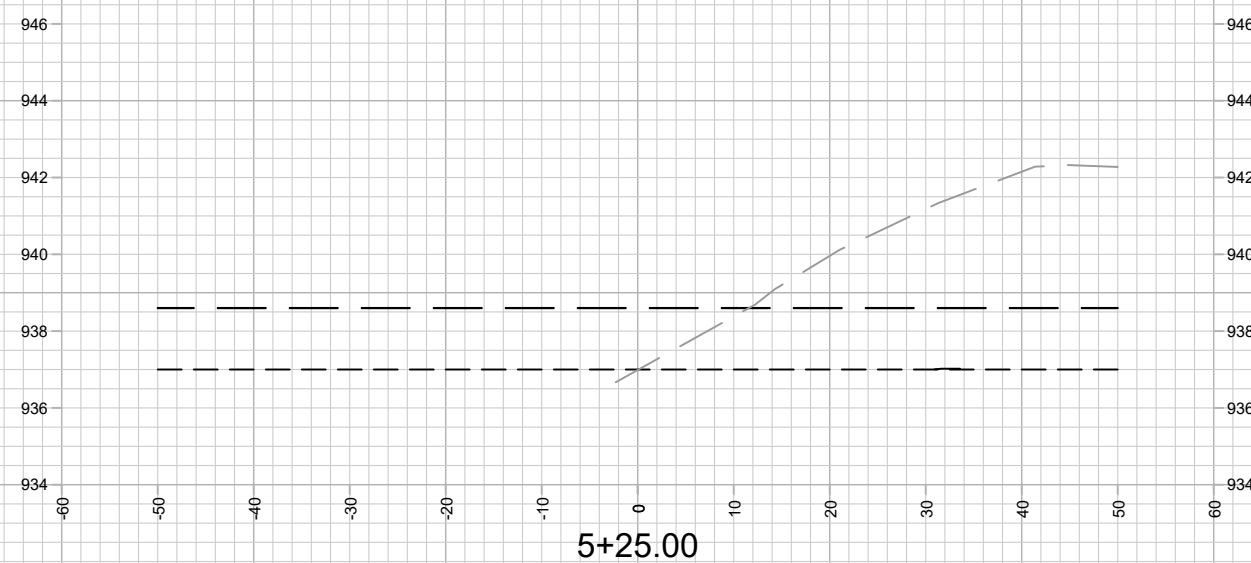


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X-5

CROSS SECTIONS - SHORELINE
NORTHEAST REGIONAL POND SHORELINE REPAIR

15427
MADISON, WI

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15427	15427	5/29/2025 9:45 AM	X-5
Designed By: SCL	Contract No: 8739	Scale: 1" = 20'	



NO SHORELINE STATION FROM 4+75-9+00



15427

X-6

CROSS SECTIONS - SHORELINE

15427

NORTHEAST REGIONAL POND SHORELINE REPAIR

MADISON, WI

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CONTRACT NO:

REVISION

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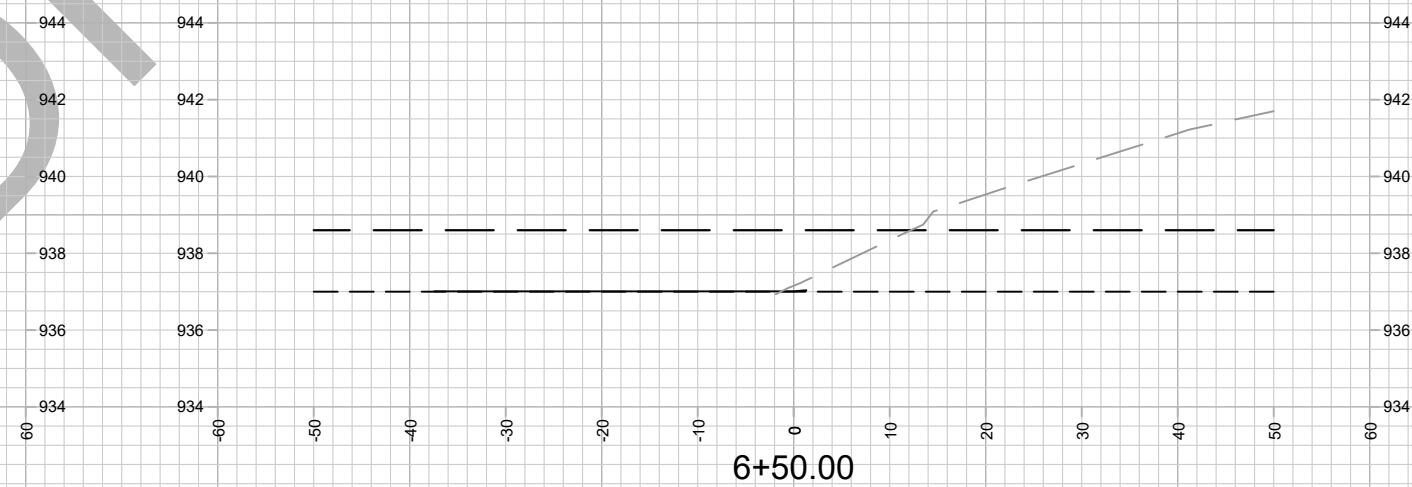
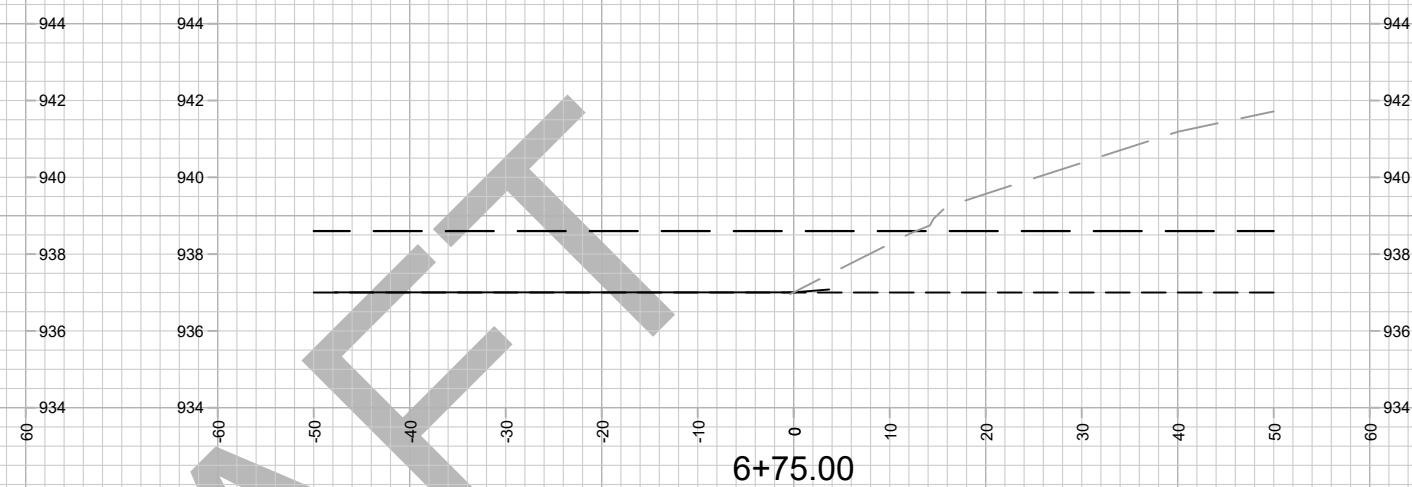
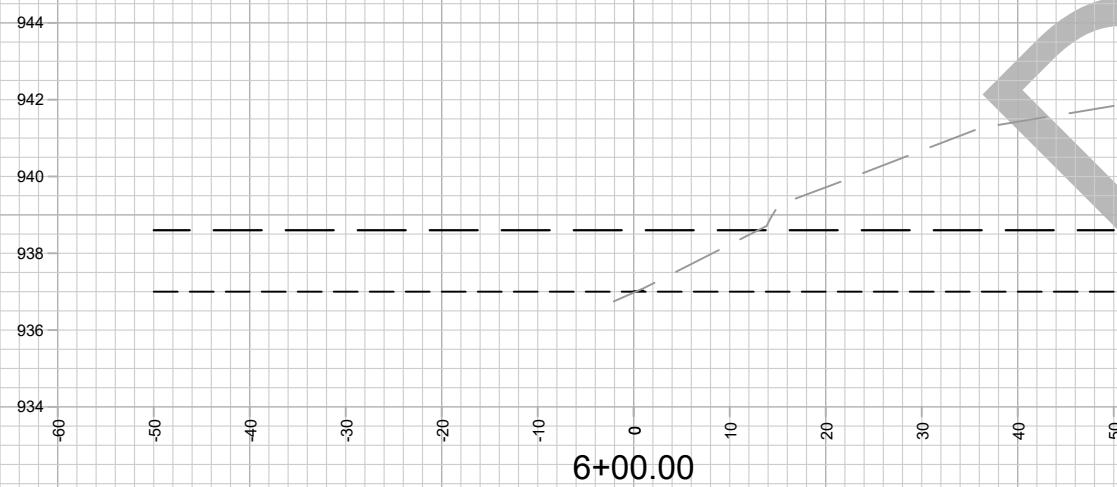
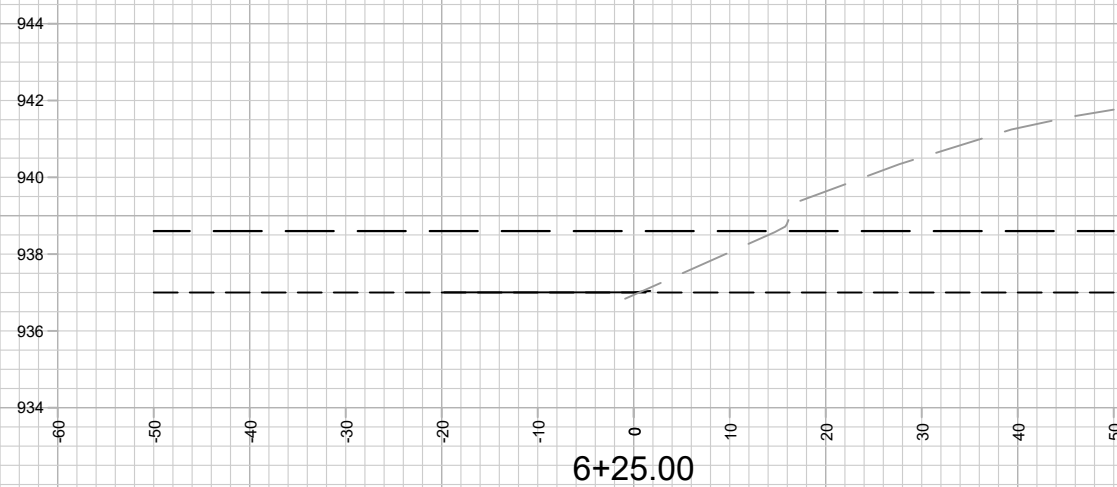
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Designed B.

BY _____,

BY _____,

BY _____,



NO SHORELINE STATION FROM 4+75-9+00



15427

X-7

CROSS SECTIONS - SHORELINE

NORTHEAST REGIONAL POND SHORELINE REPAIR

15427

MADISON, WI

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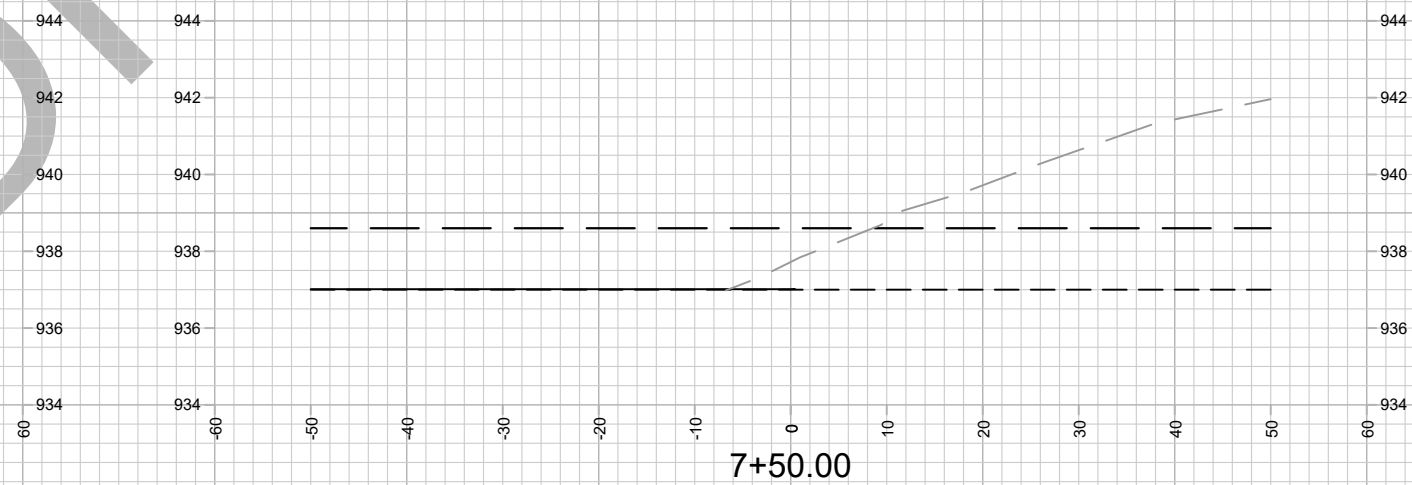
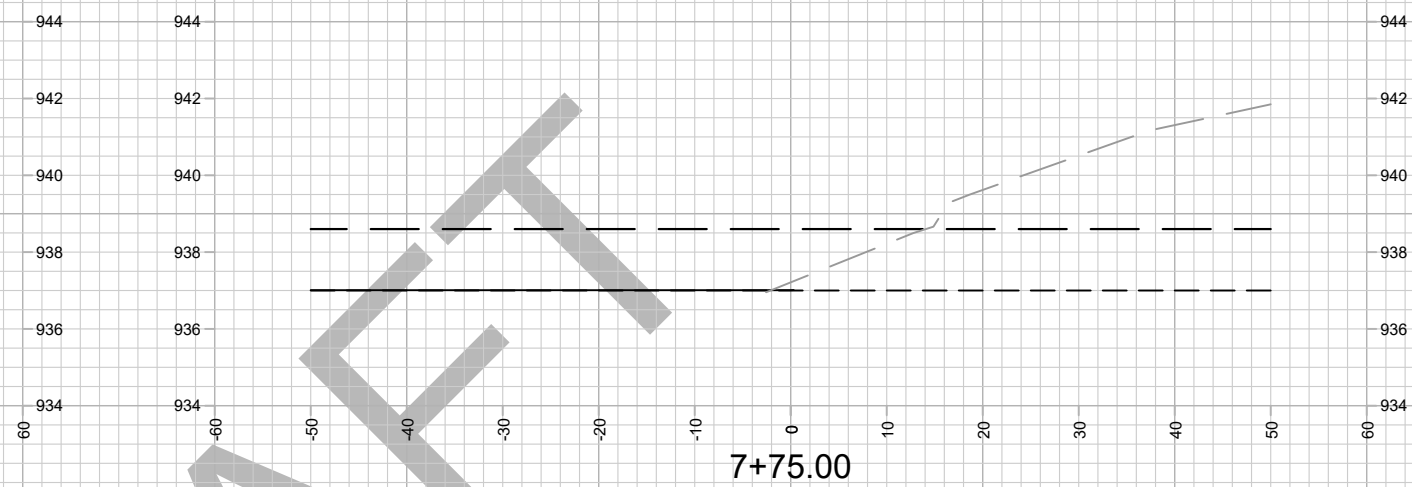
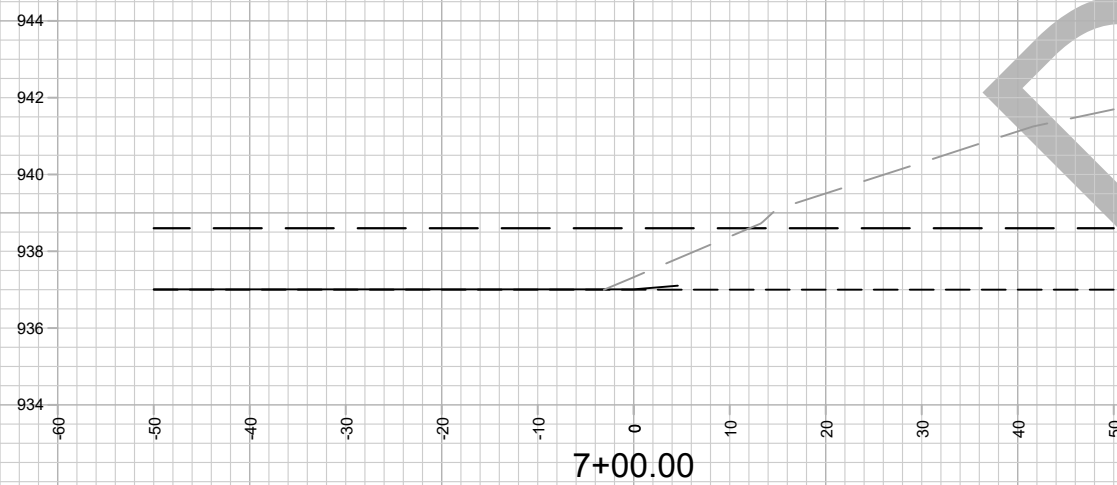
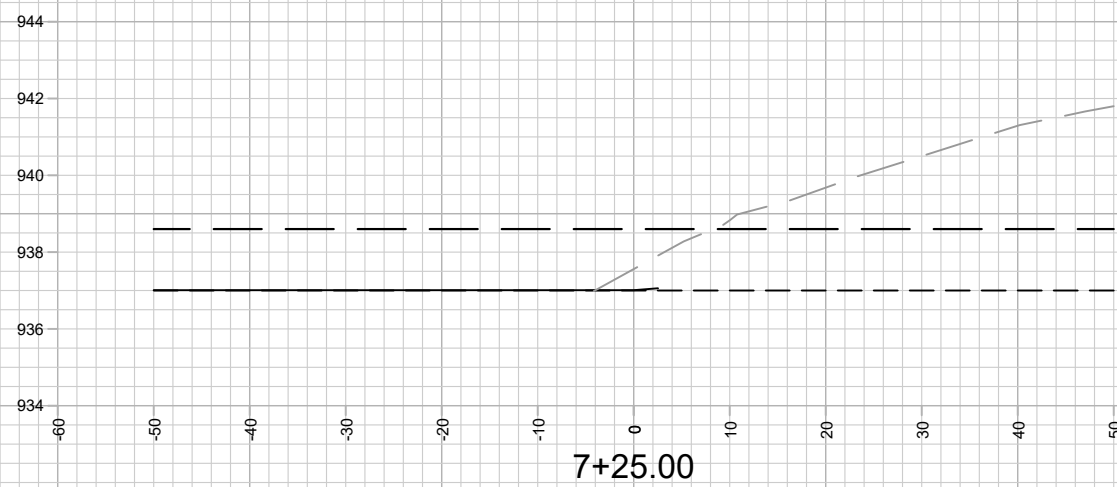
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Date: 5/29/2025 9:46 AM

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Designed By
15427

10.

BY

BY	10'	X-7
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NO SHORELINE STATION FROM 4+75-9+00



15427

K-8

CROSS SECTIONS - SHORELINE

NORTHEAST REGIONAL POND SHORELINE REPAIR

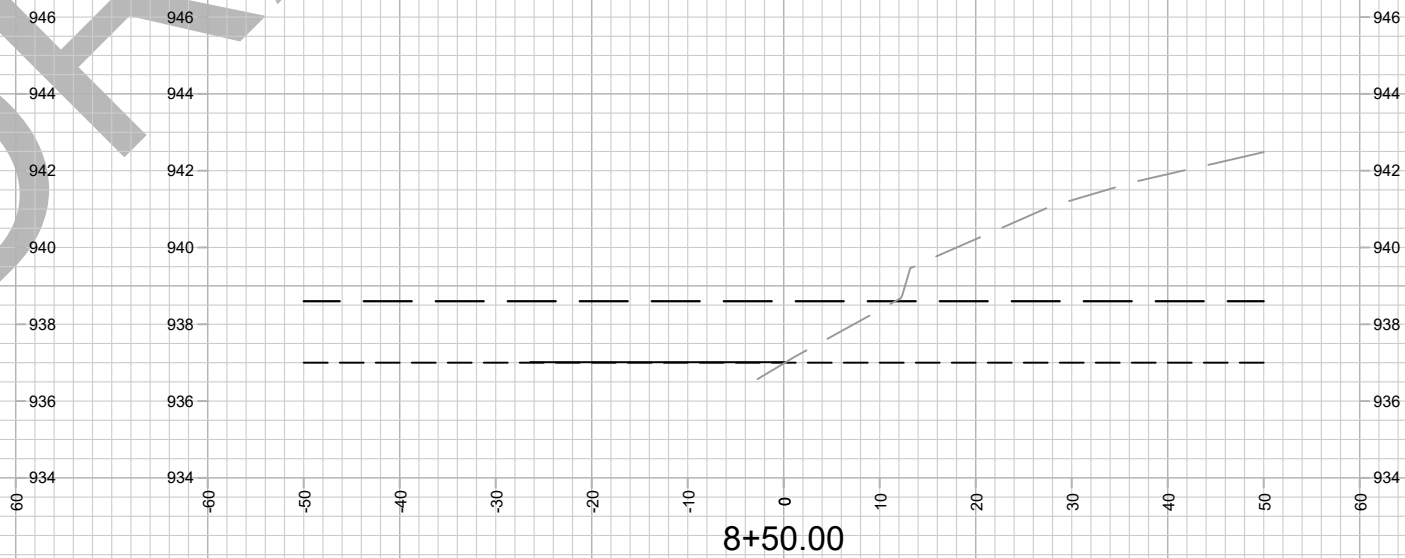
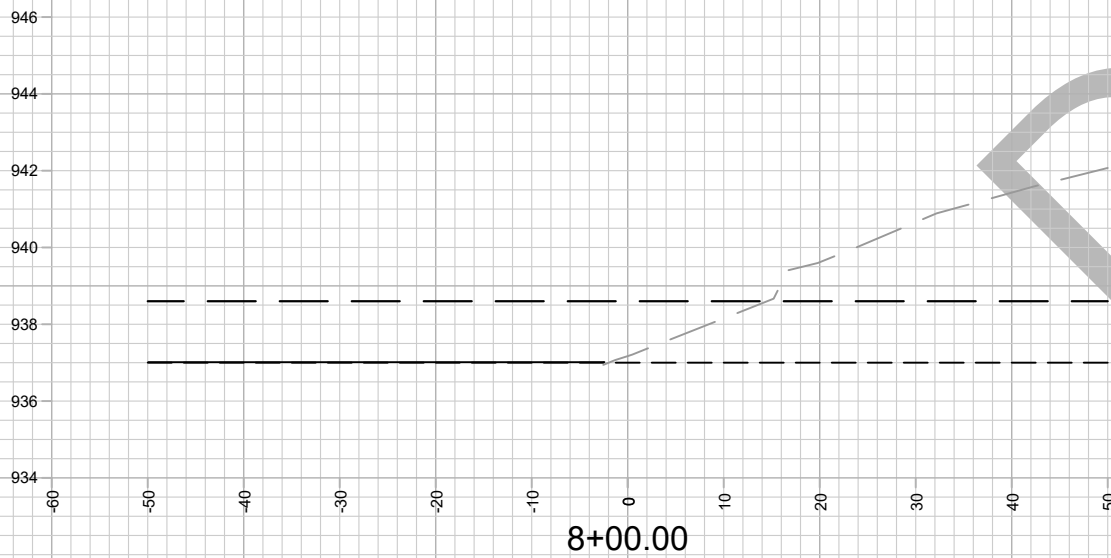
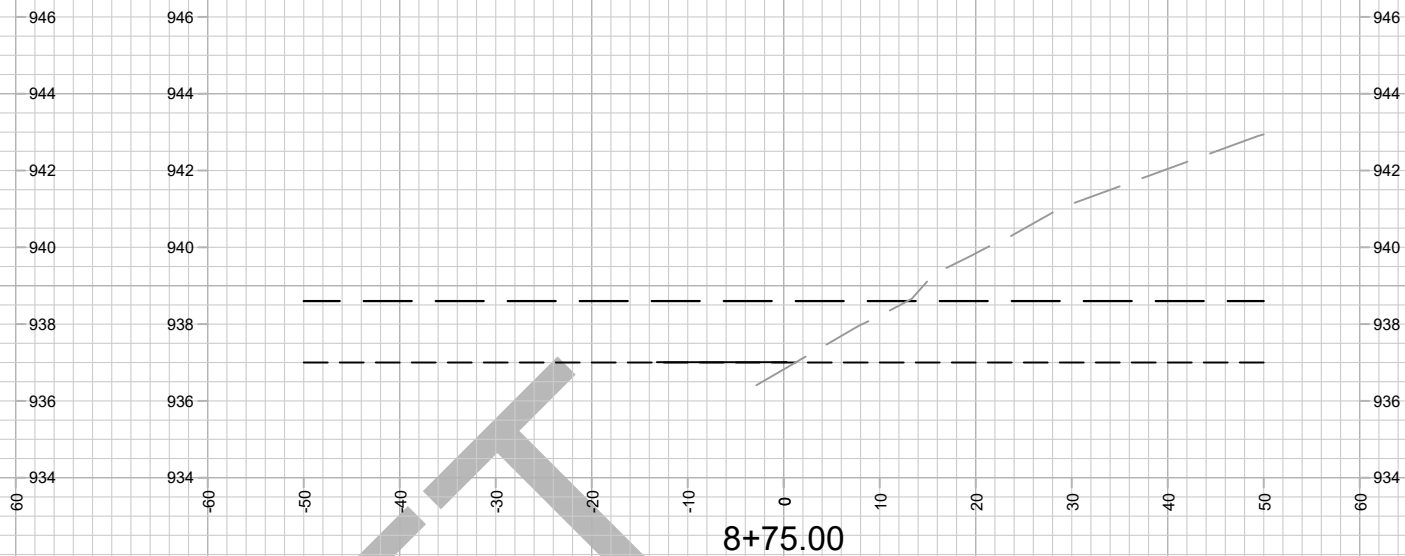
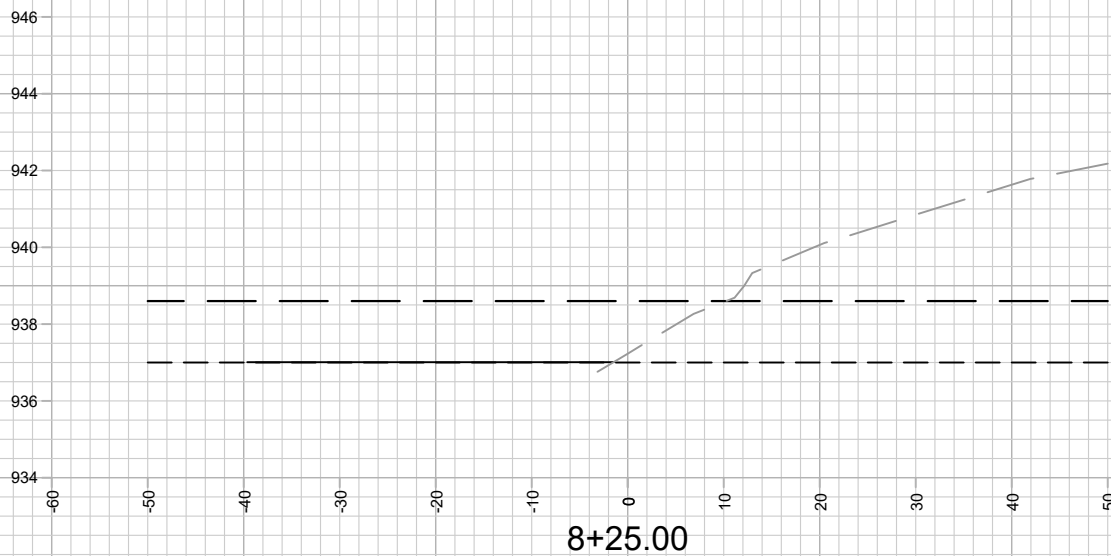
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15427

MADISON, WI 53706

CONTRACT NO:

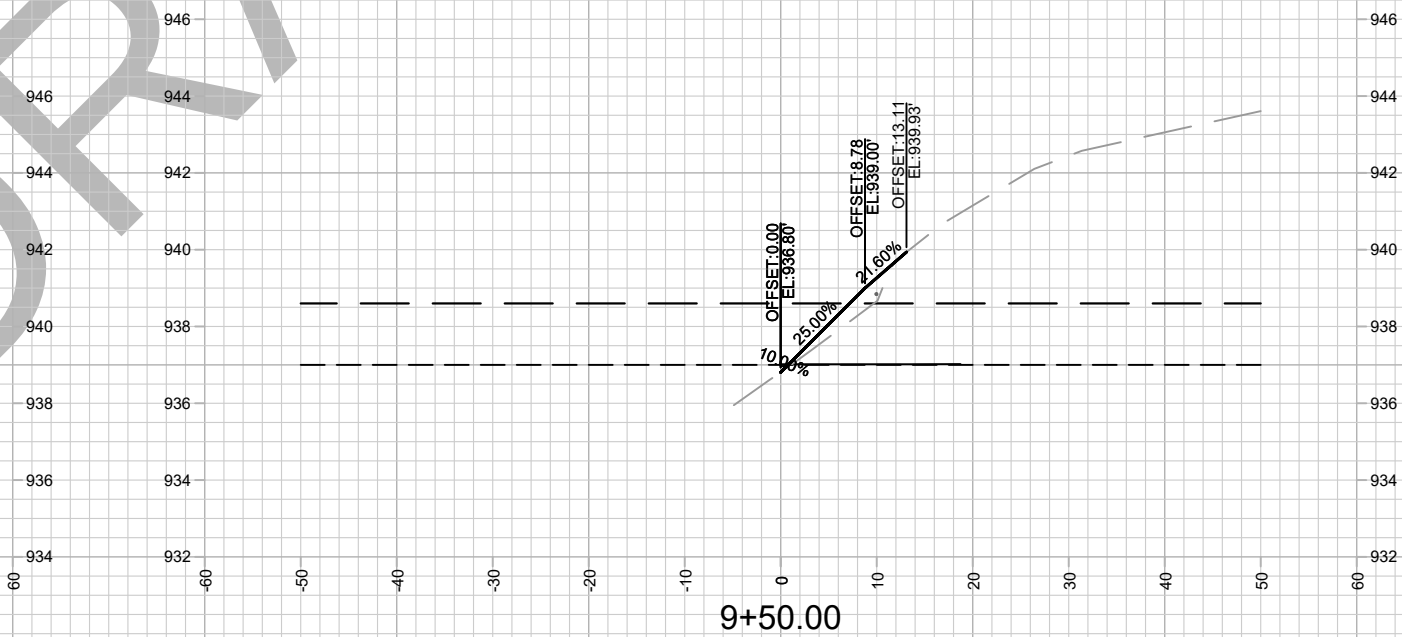
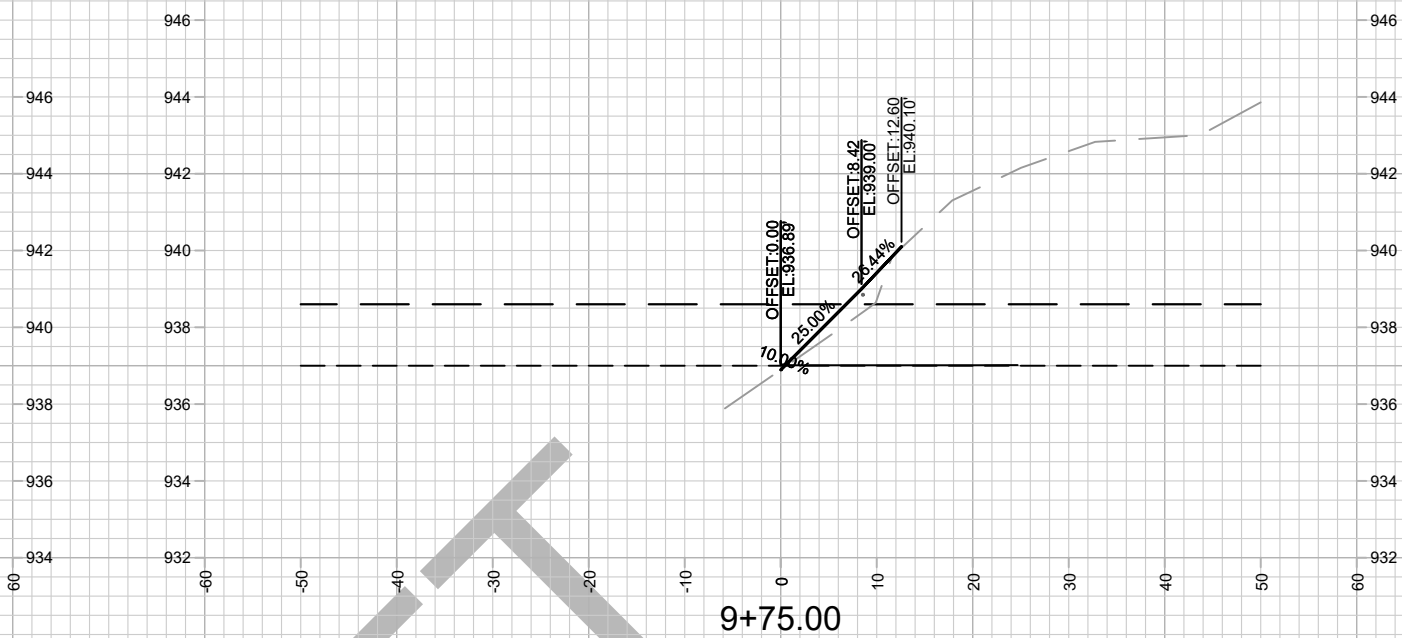
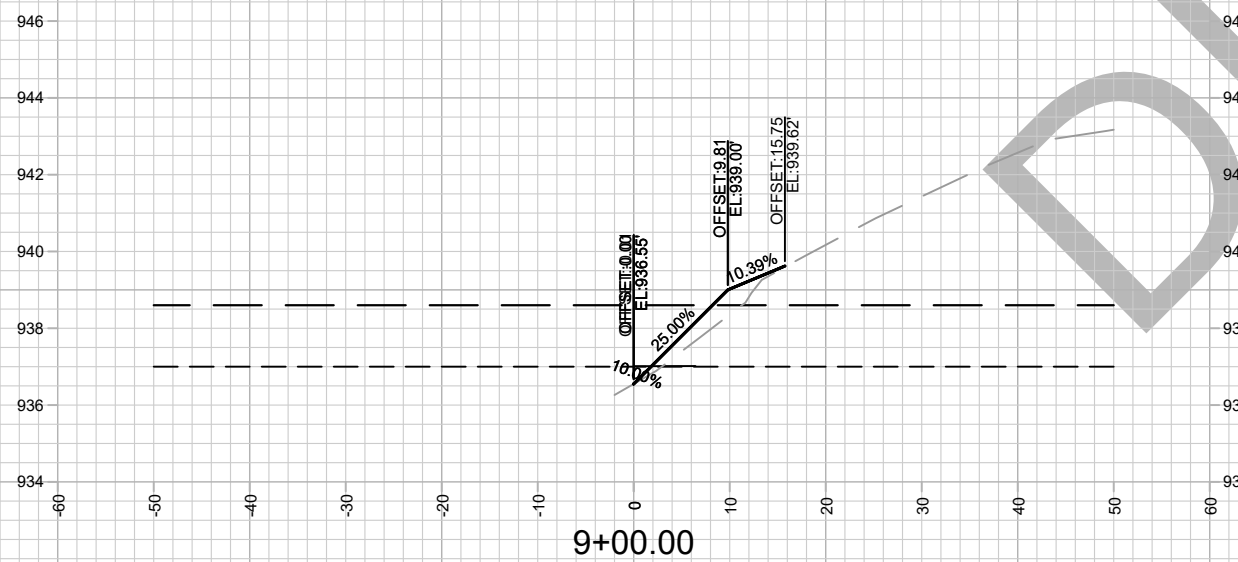
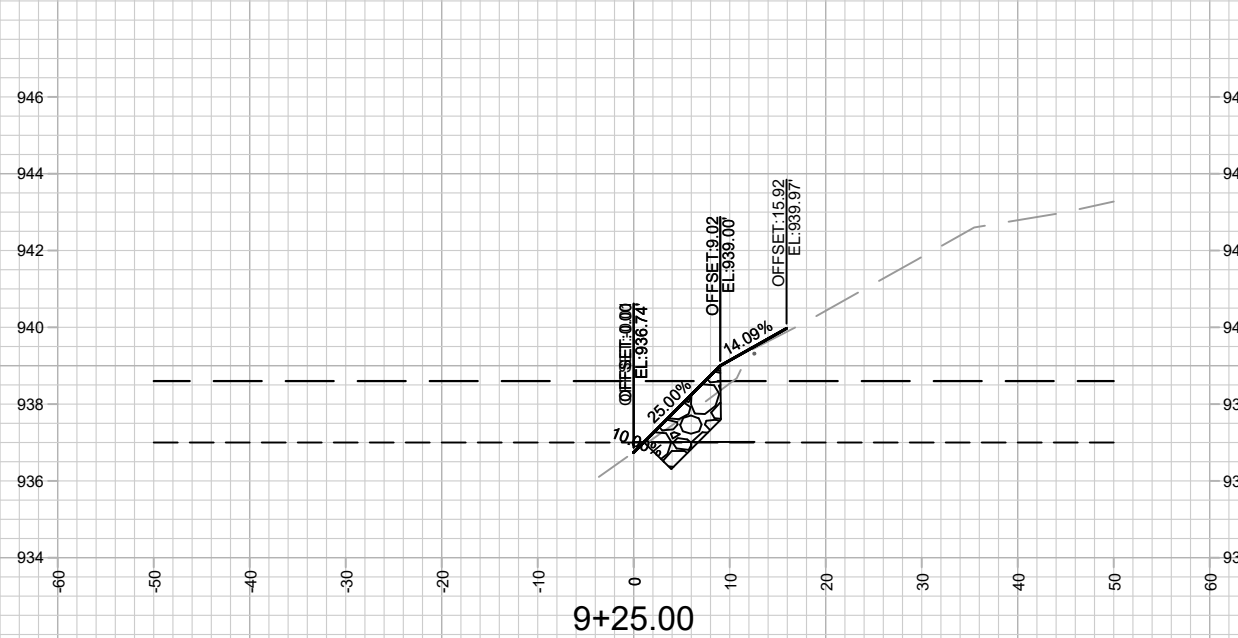
MARK	REVISION	DATE	BY
15427	Date: 5/29/2025 9:48 AM	Scale: 1" = 20'	X-8



NO SHORELINE STATION FROM 4+75-9+00

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	NORTHWEST REGIONAL POND SHORELINE REPAIR		MADISON, WI	
	CONTRACT NO: 8739		X-9	
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15427		5/29/2025 9:46 AM	



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X-10

CROSS SECTIONS - SHORELINE

NORTHEAST REGIONAL POND SHORELINE REPAIR

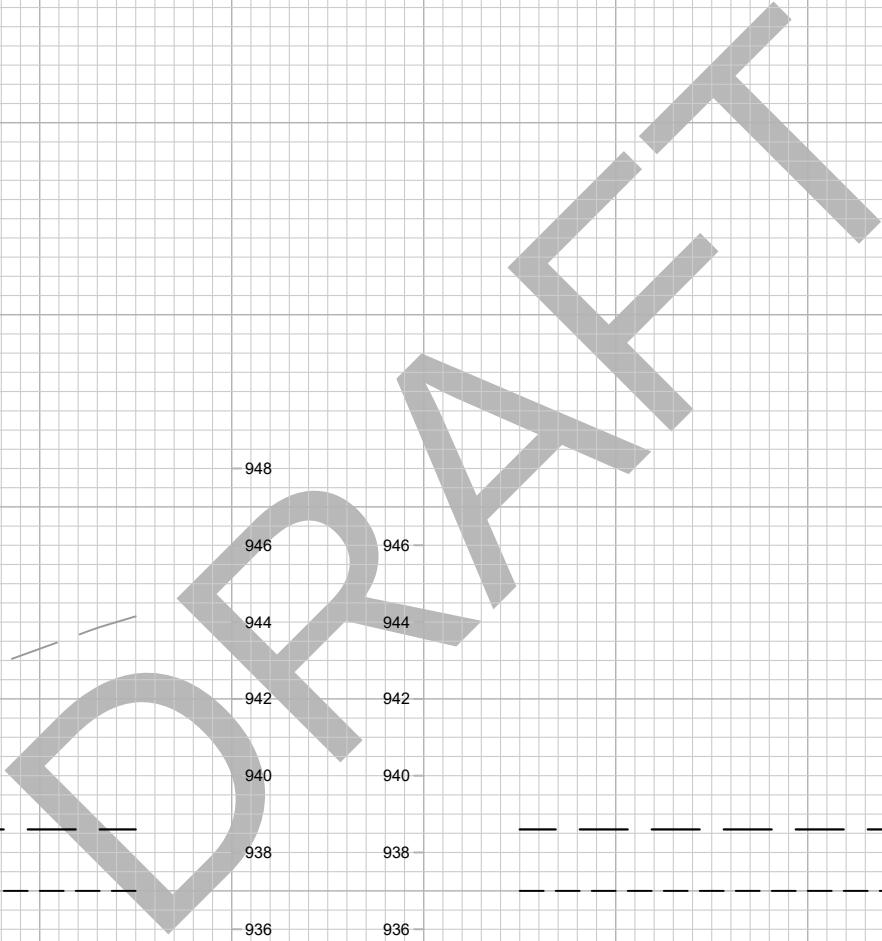
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15427

MADISON, WI 53706

CONTRACT NO:

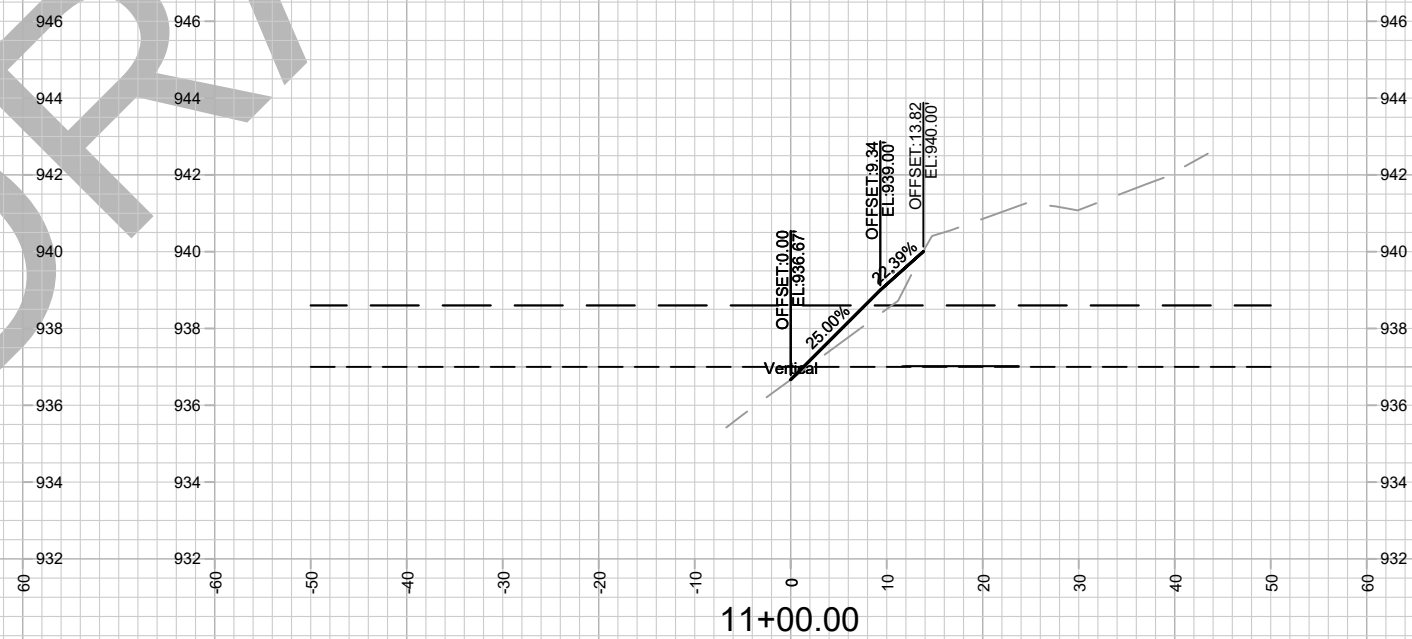
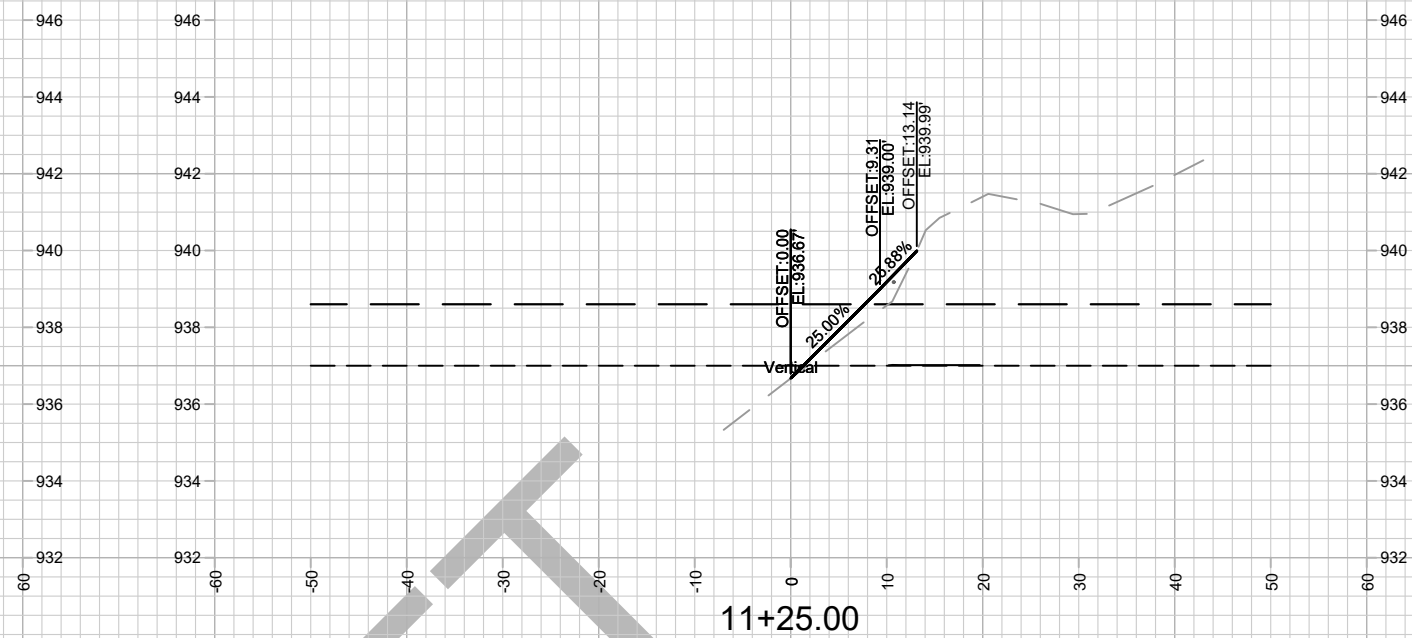
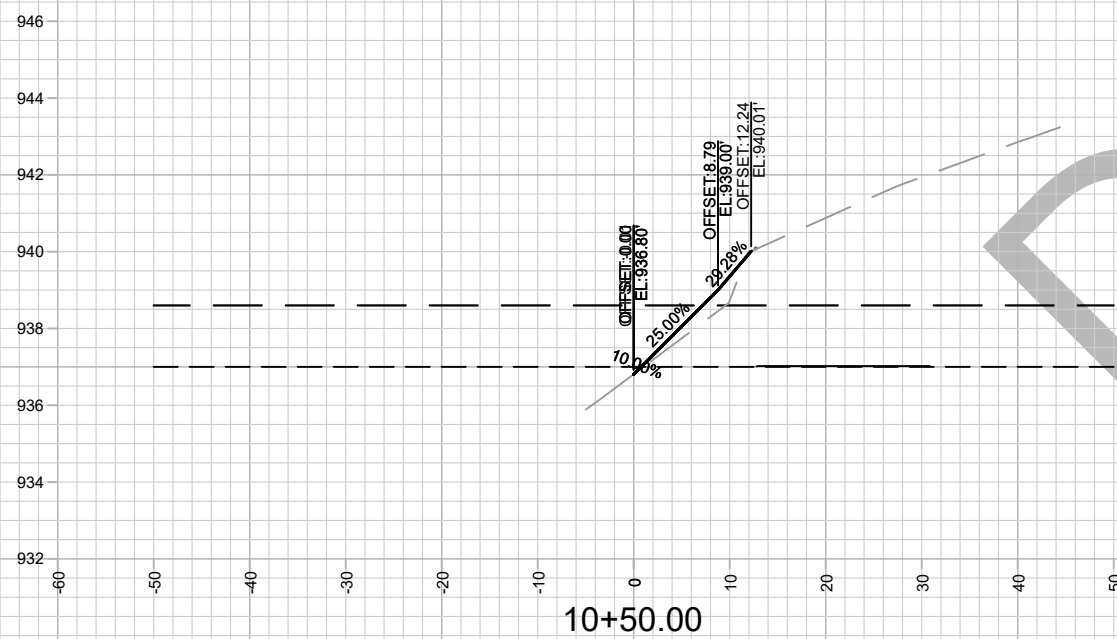
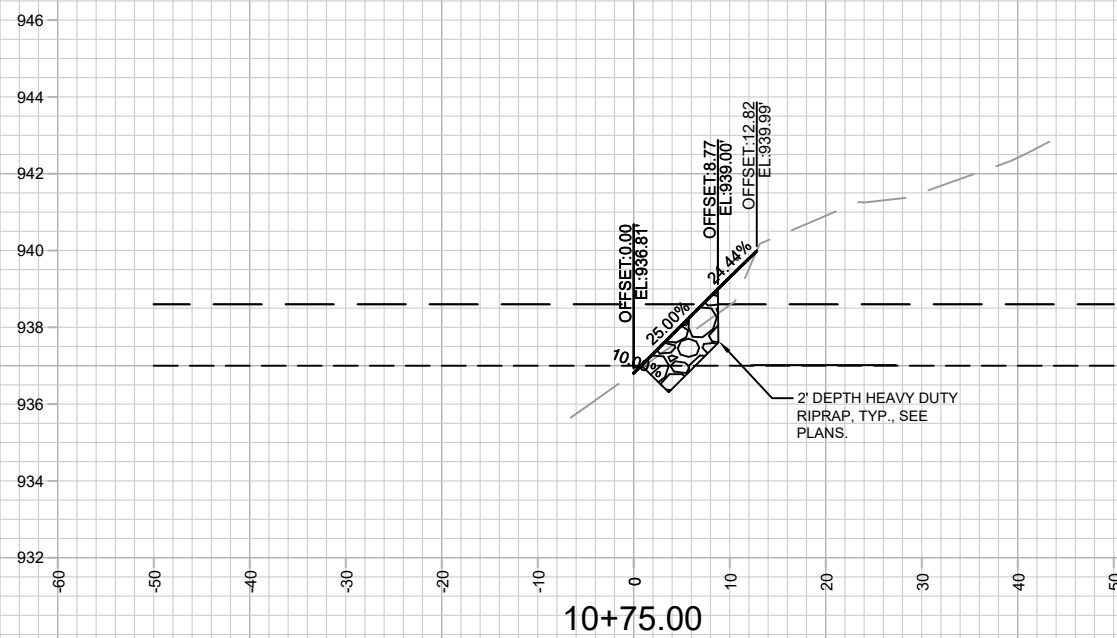
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15427	Date: 5/29/2025 9:48 AM	Scale: 1" = 20'	X-10



CROSS SECTIONS - SHORELINE	15427
NORTHEAST REGIONAL POND SHORELINE REPAIR	MADISON, WI
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X-11



Technical drawing showing a mechanical part with dimensions in millimeters (mm).

Top View Dimensions:

- Total width: 100 mm
- Base width: 60 mm
- Radius of semi-circular cutout: 20 mm
- Height of base: 10 mm
- Height of main body: 40 mm
- Height of top flange: 10 mm

Side View Dimensions:

- Total height: 100 mm
- Base height: 60 mm
- Radius of semi-circular cutout: 20 mm
- Width of base: 10 mm
- Width of main body: 40 mm
- Width of top flange: 10 mm

The drawing is labeled **DRAFT** diagonally across the center.



15427

X-12

CROSS SECTIONS - SHORELINE

NORTHEAST REGIONAL POND SHORELINE REPAIR

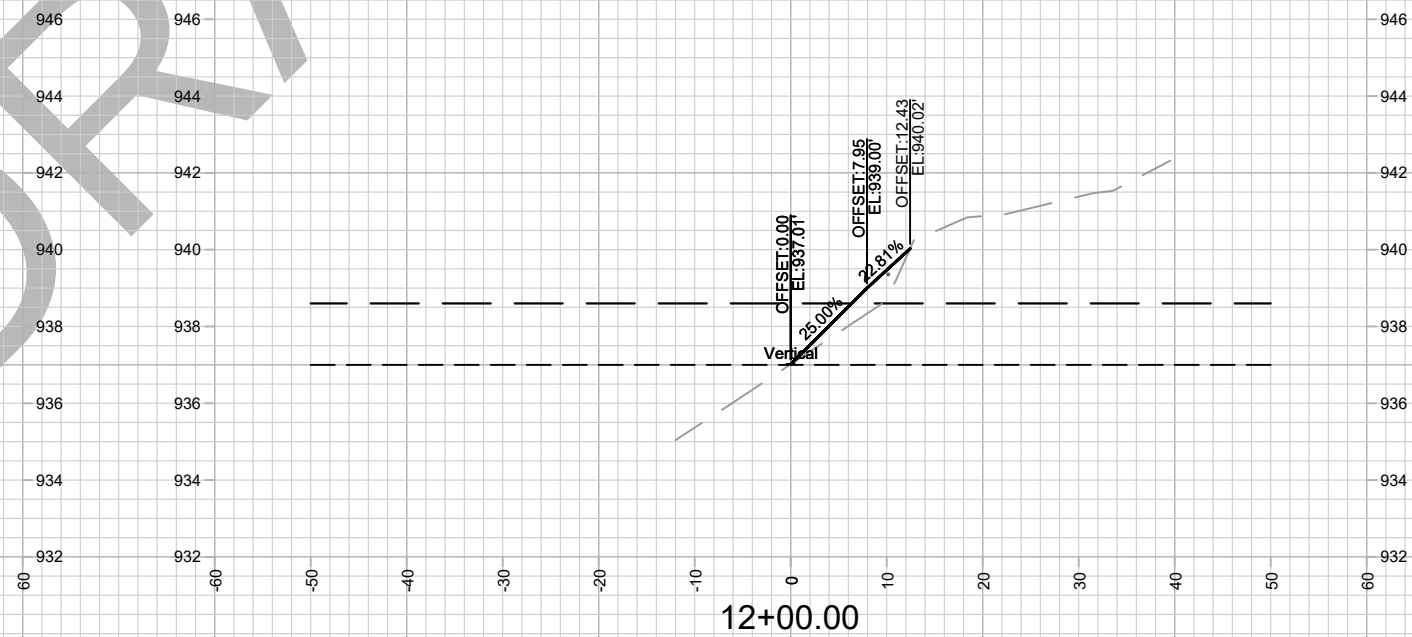
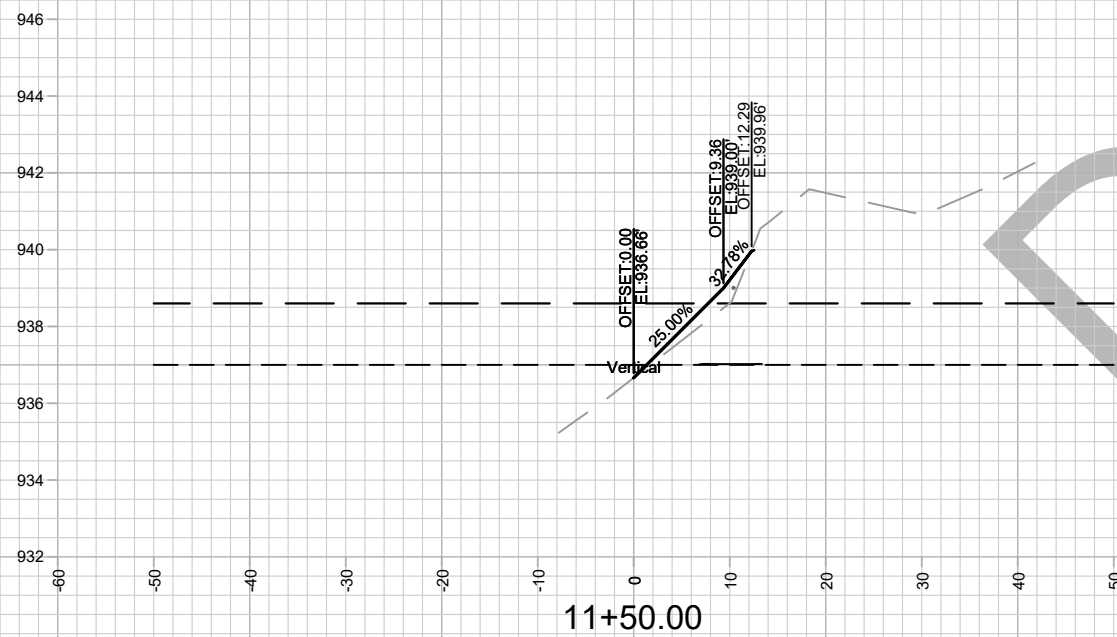
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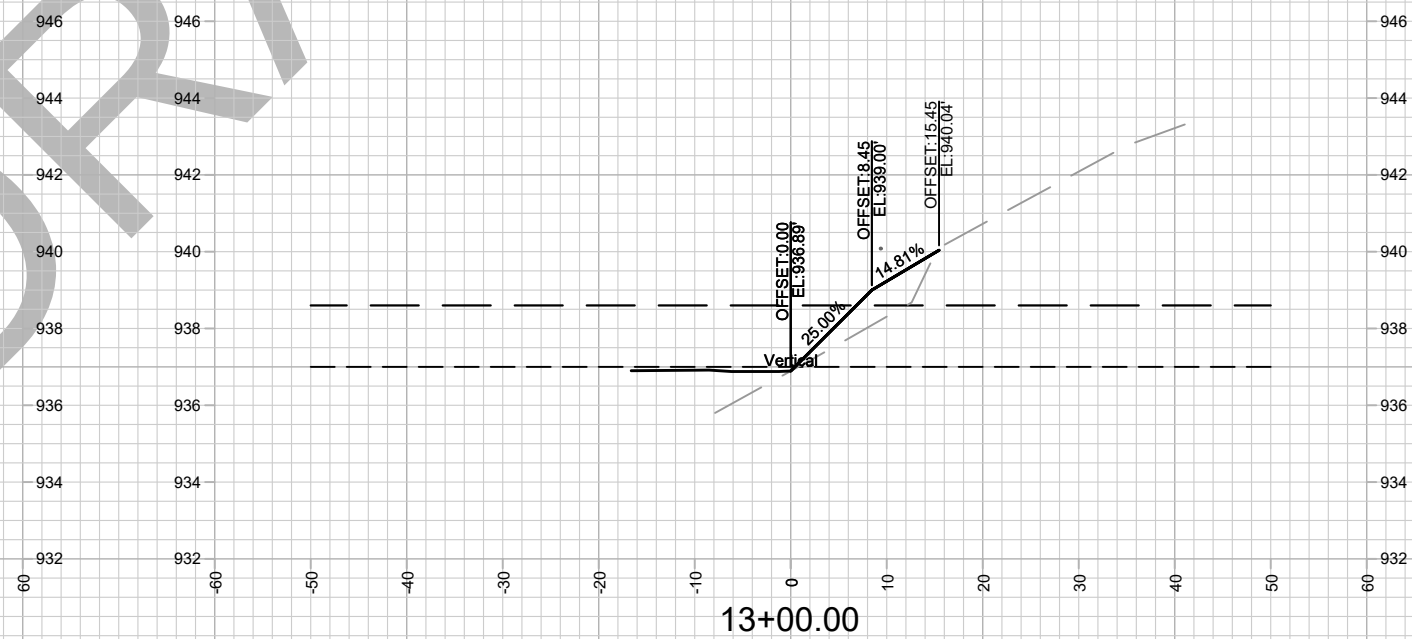
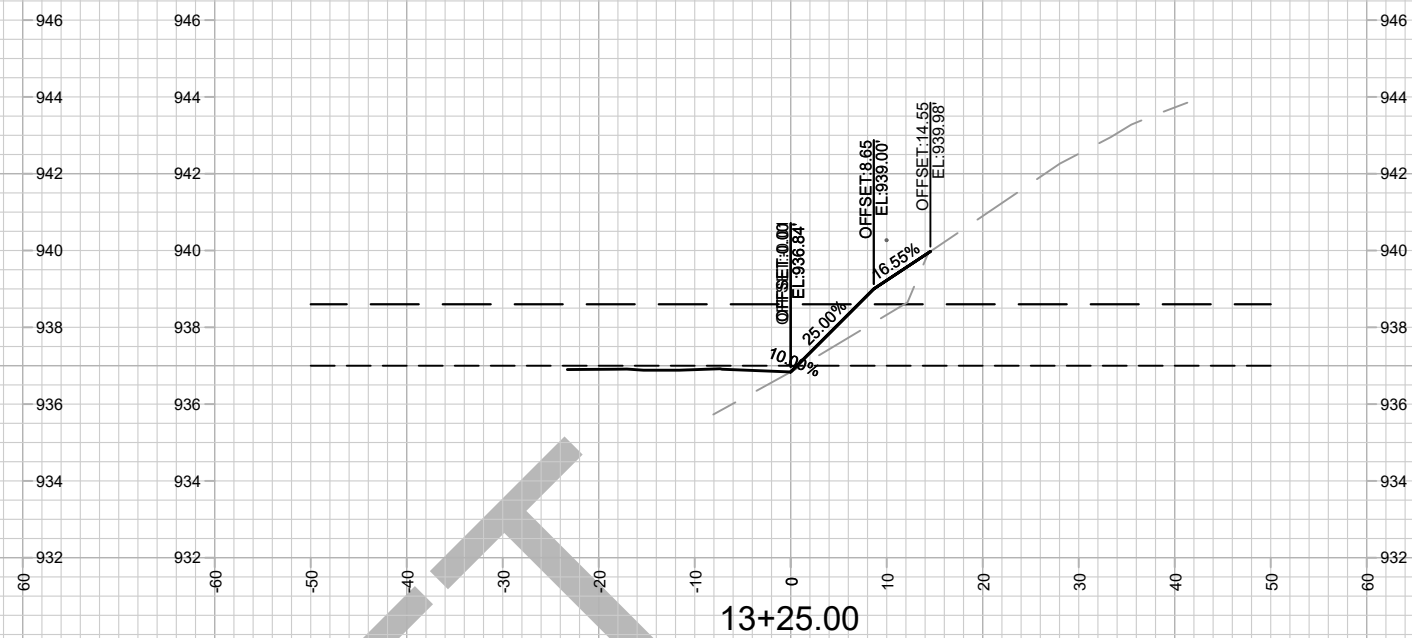
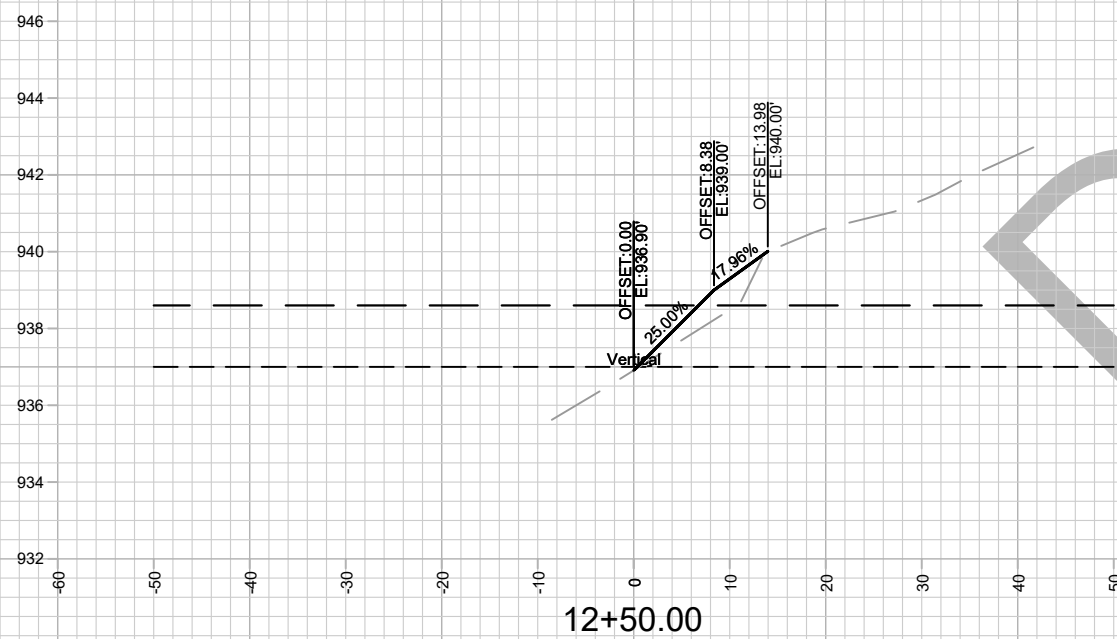
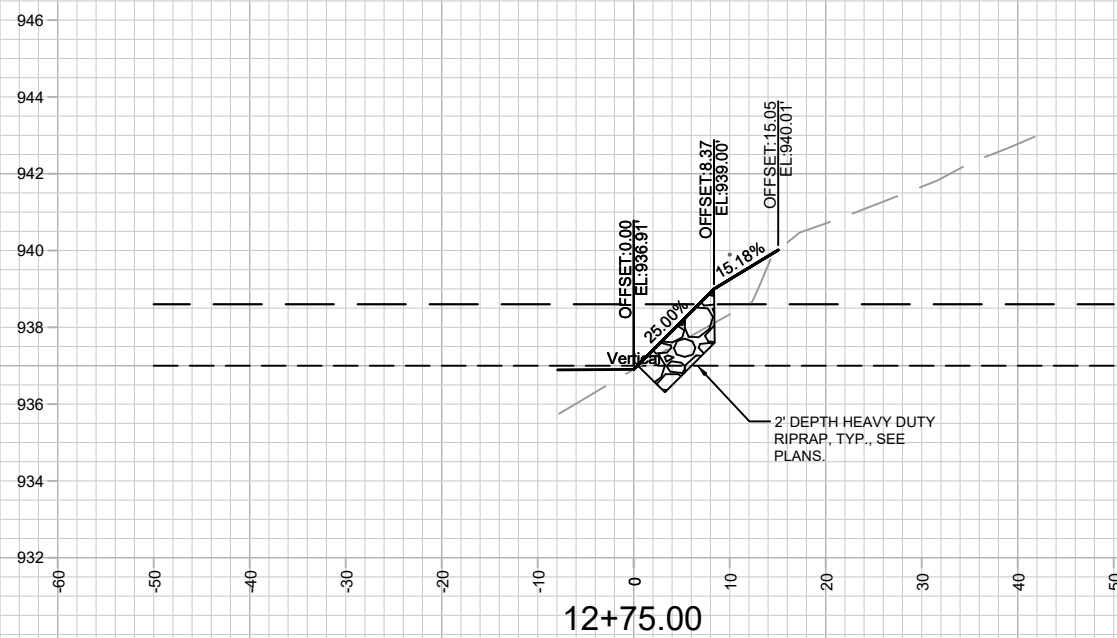
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MADISON, WI 53706

CONTRACT NO:

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15427	Date: 5/29/2025 9:46 AM	Scale: 1" = 20'	X-12





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X-14

CROSS SECTIONS - SHORELINE

NORTHEAST REGIONAL POND SHORELINE REPAIR

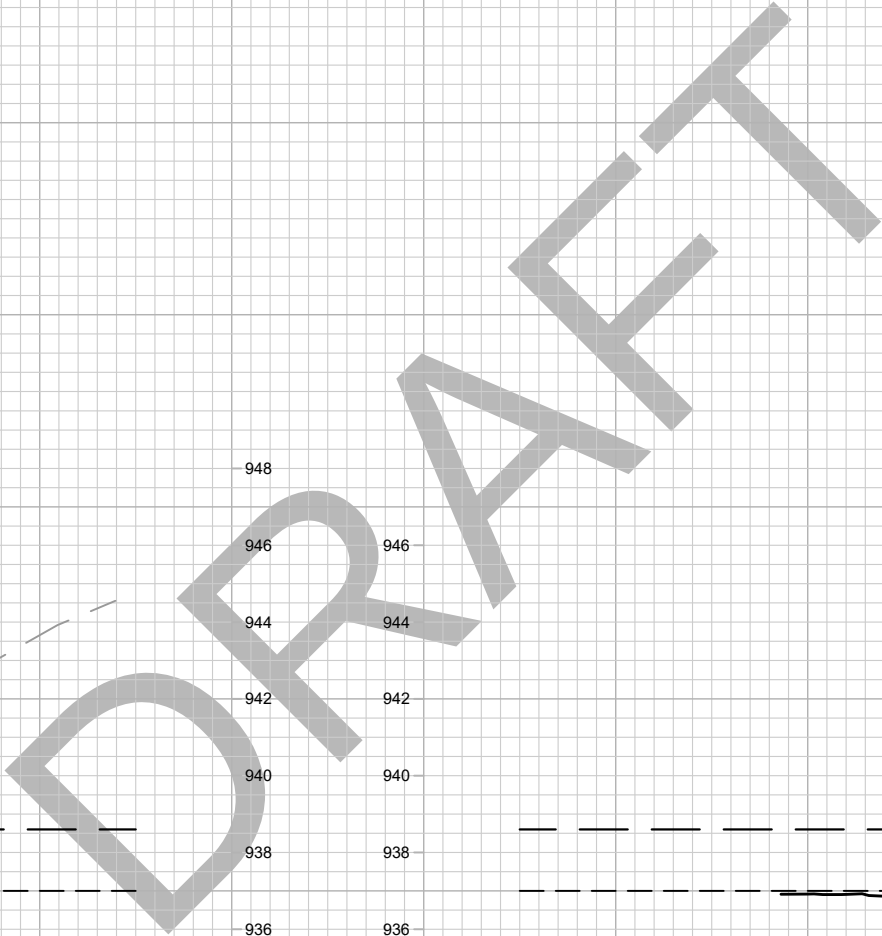
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MADISON, WI

CONTRACT NO:

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15427	Date: 5/29/2025 9:46 AM	Scale: 1" = 20'	X-14



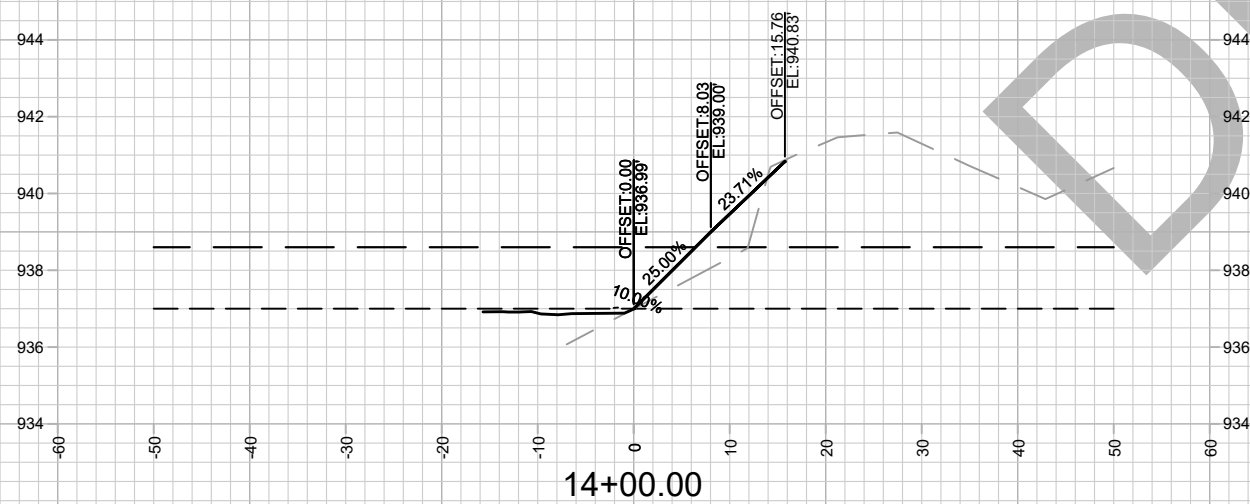
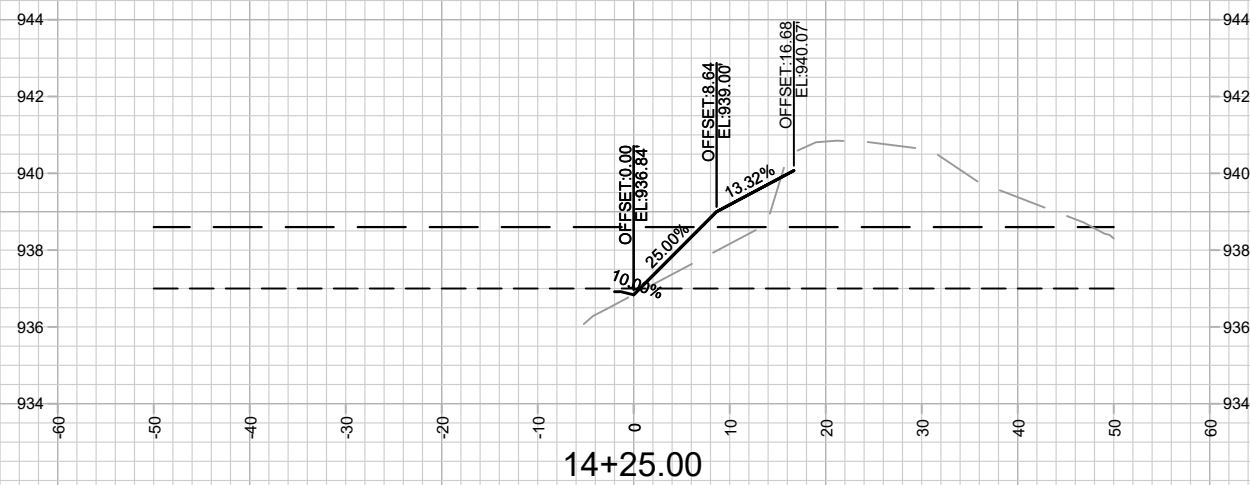
15427
X-15

CROSS SECTIONS - SHORELINE	15427
NORTHEAST REGIONAL POND SHORELINE REPAIR	MADISON, WI
\p\DESIGN\Projects\15427\CAD\Storm\15427 Storm.dwg CONTRACT NO. 8730	

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15427

X-16

CROSS SECTIONS - SHORELINE

NORTHEAST REGIONAL POND SHORELINE REPAIR

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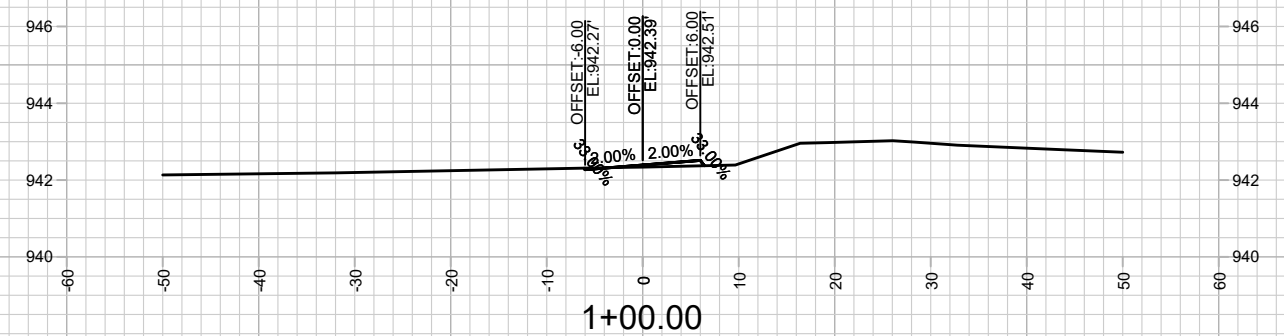
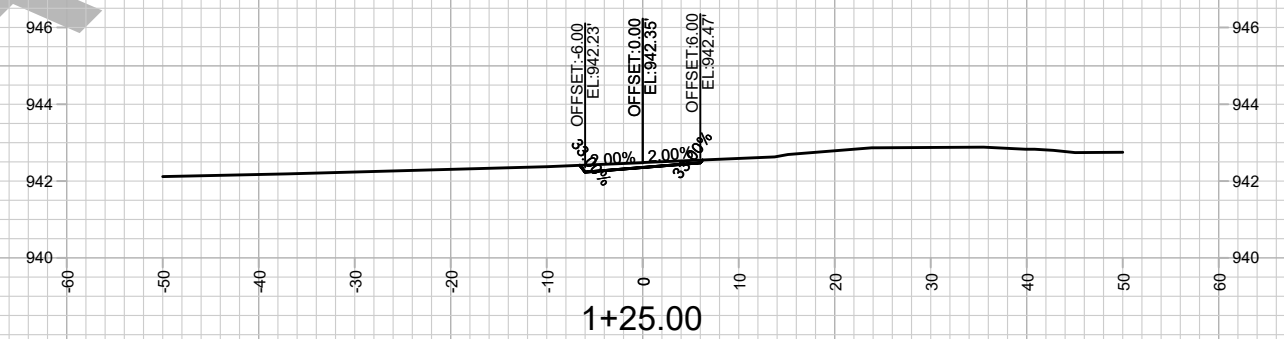
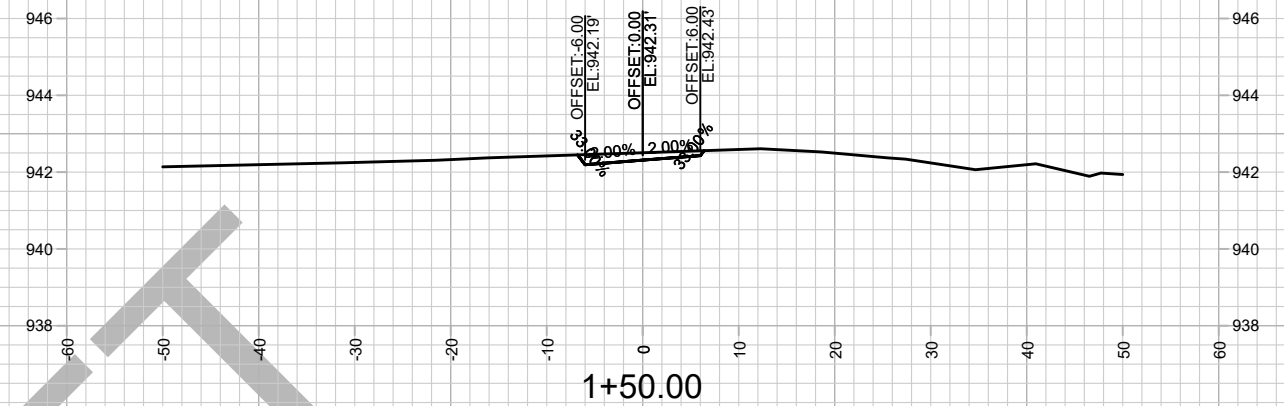
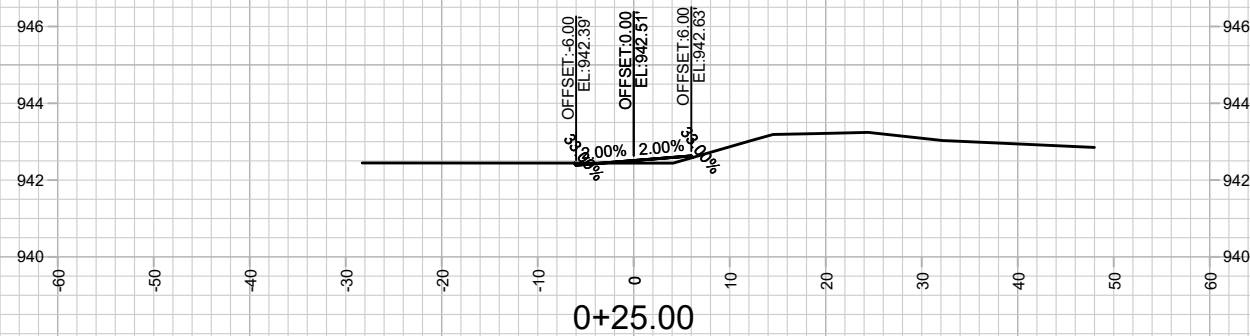
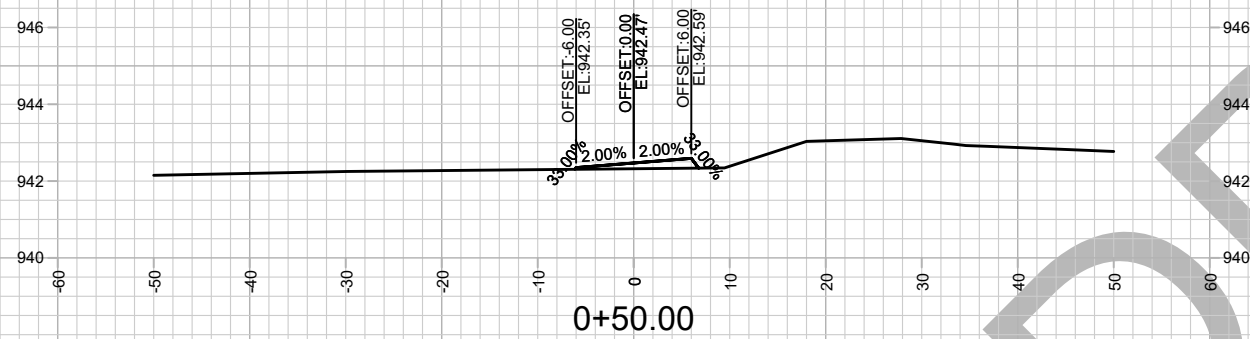
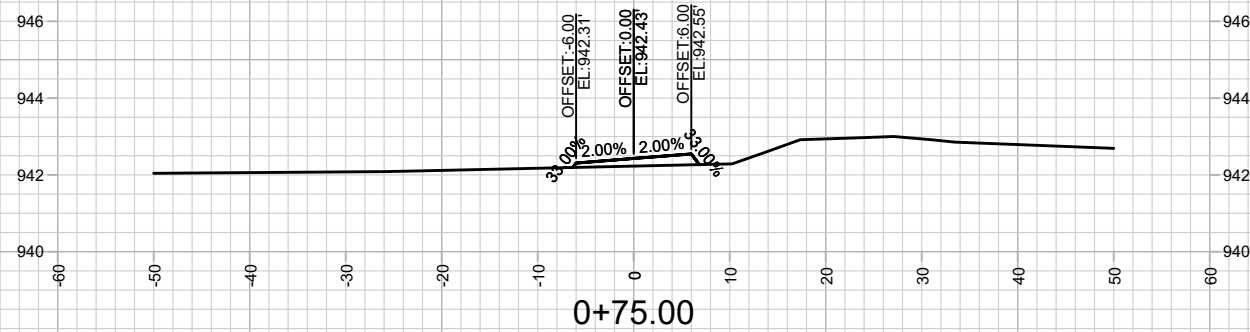
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MADISON, WI

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15427	Date: 5/29/2025 9:46 AM	Scale: 1" = 20'	X-16



15427

X-17

CROSS SECTIONS - MAINTENANCE PATH

15427

NORTHEAST REGIONAL POND SHORELINE REPAIR

MADISON, WI 53706

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DATE: 07/14/2015

DATE: 07/14/2014

DATE: 07/14/2015

DATE: 07/16/2015

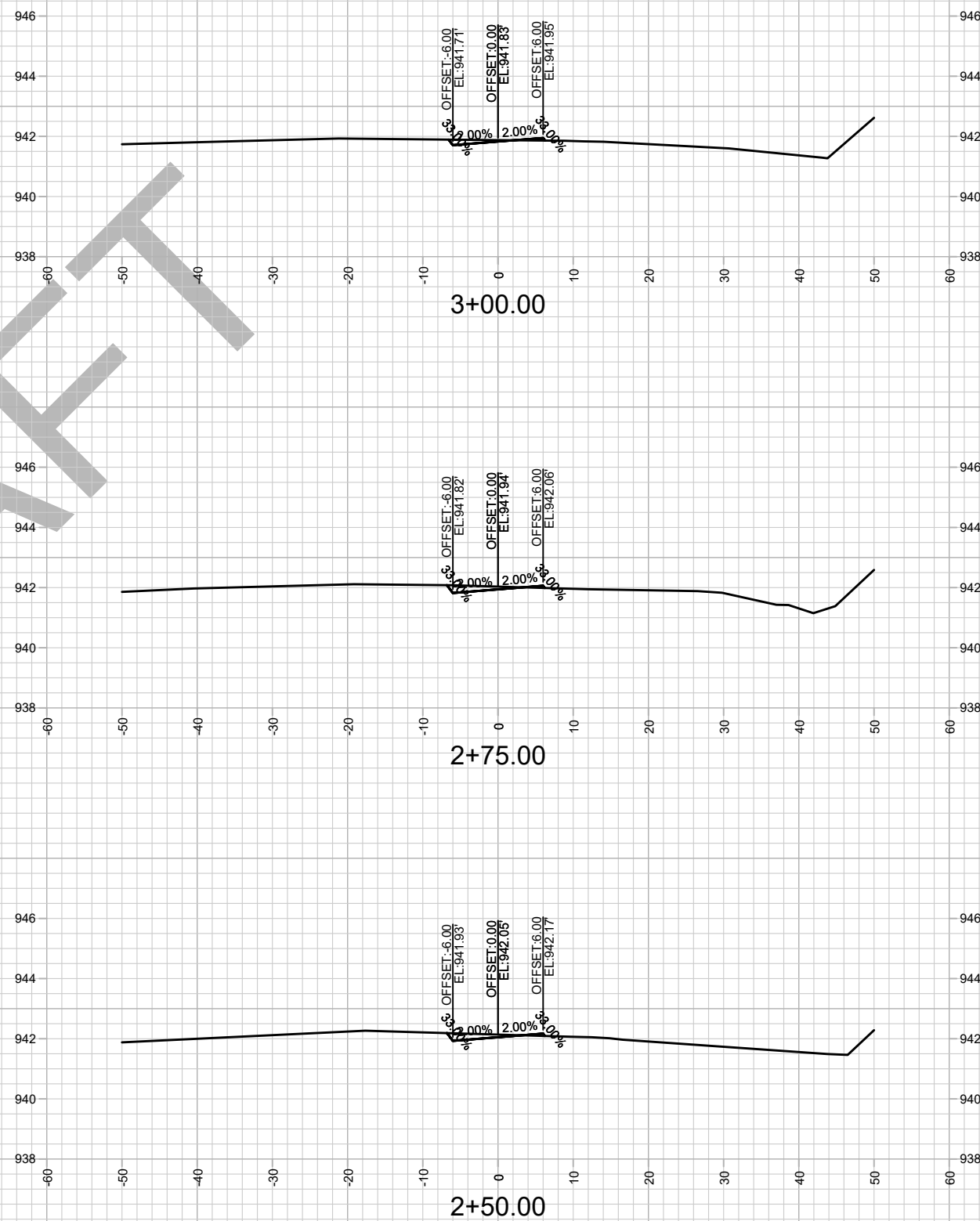
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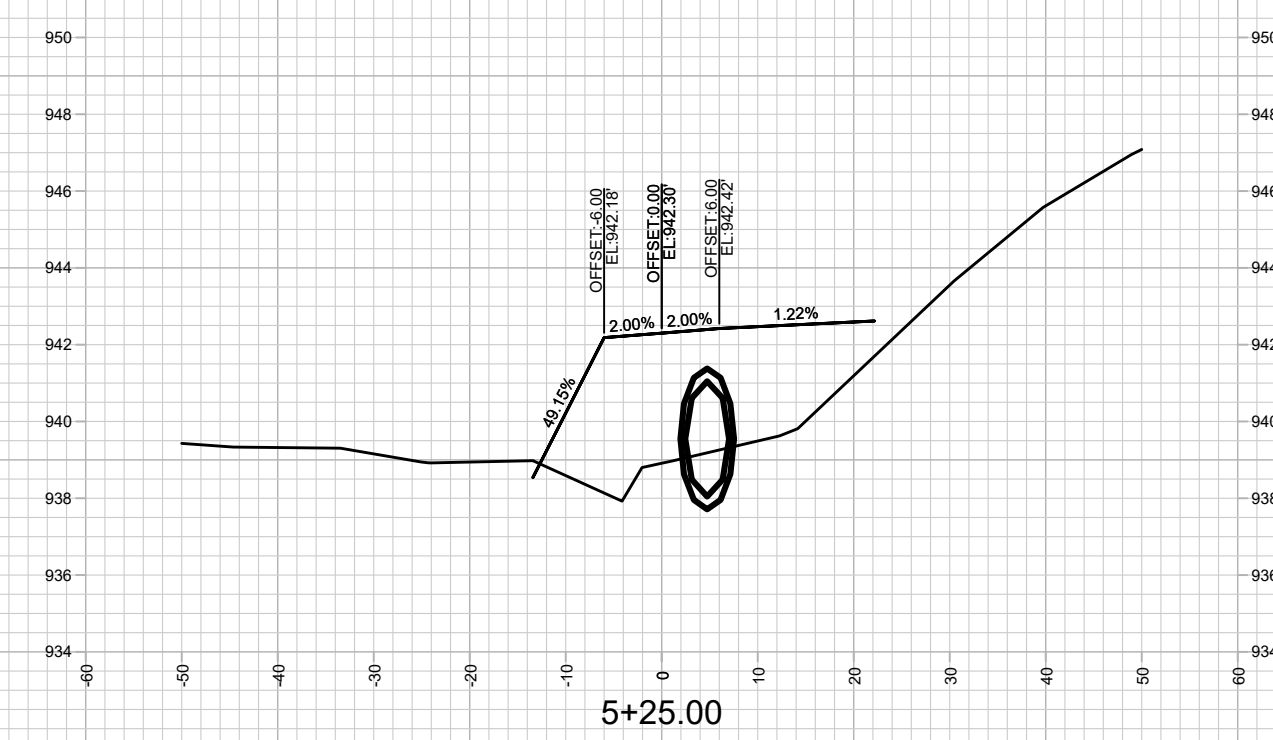
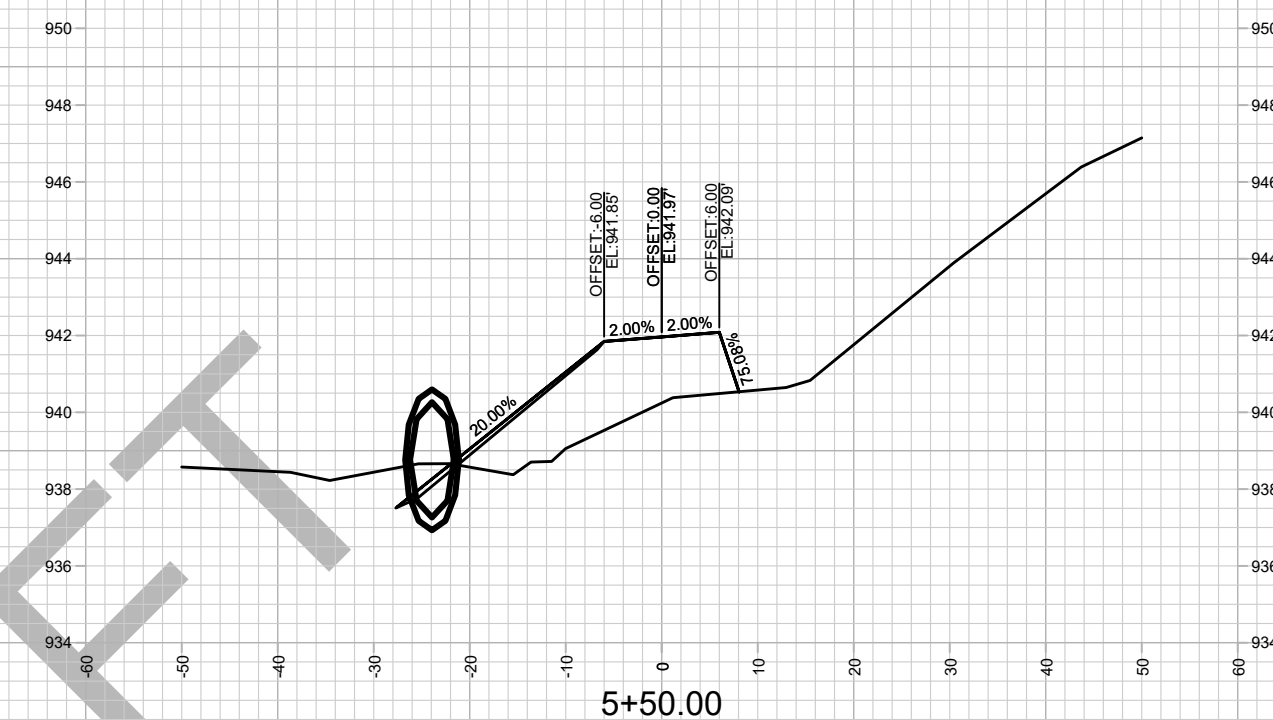
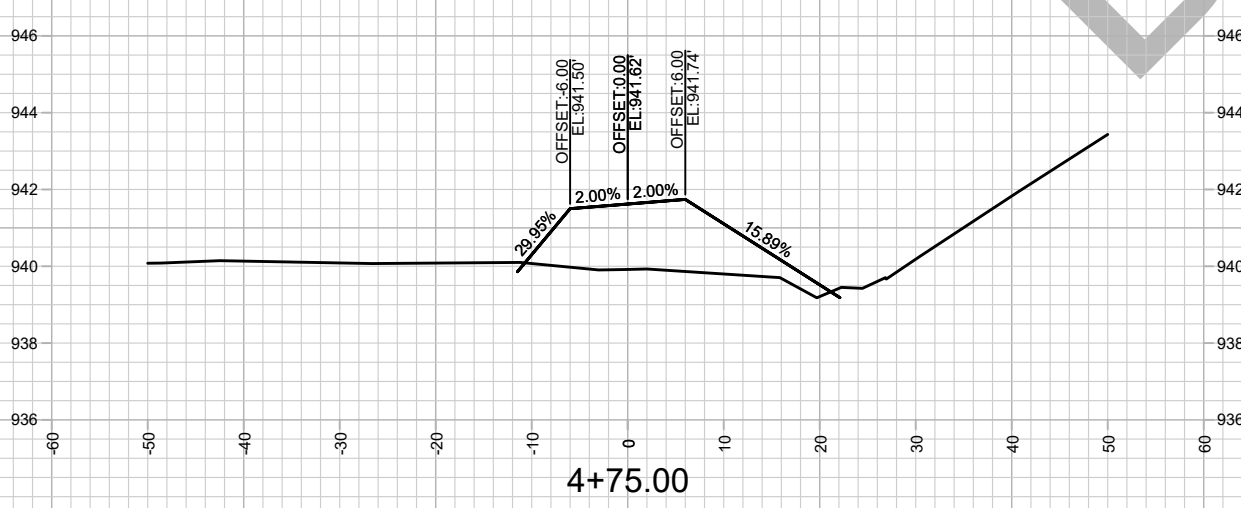
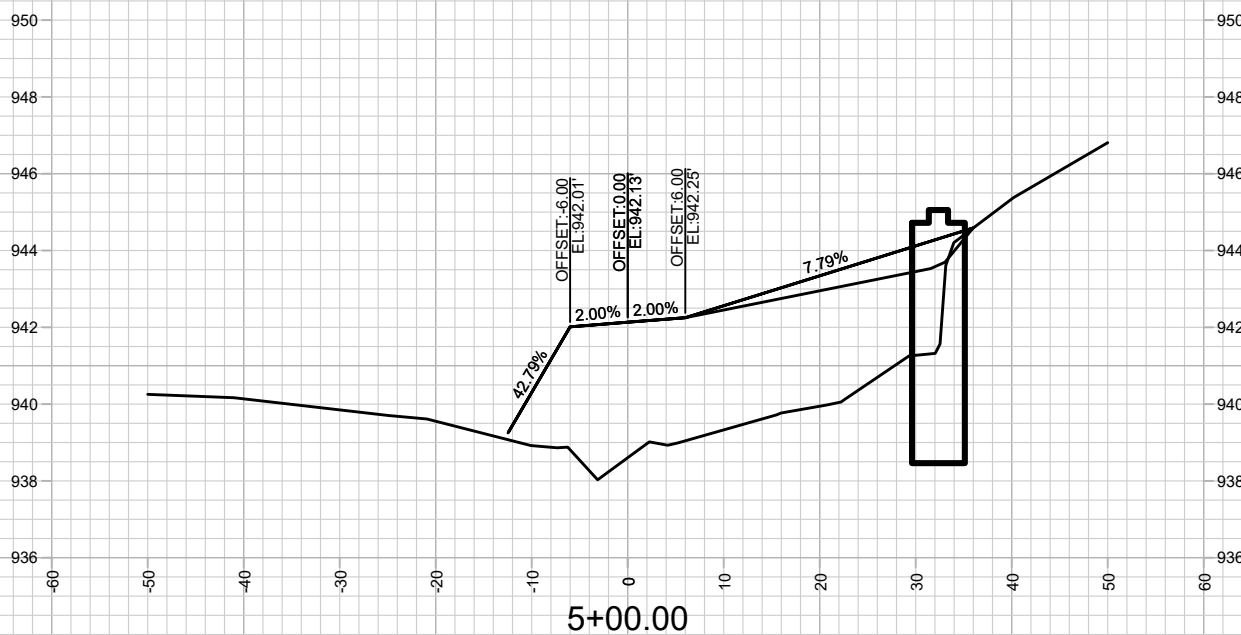
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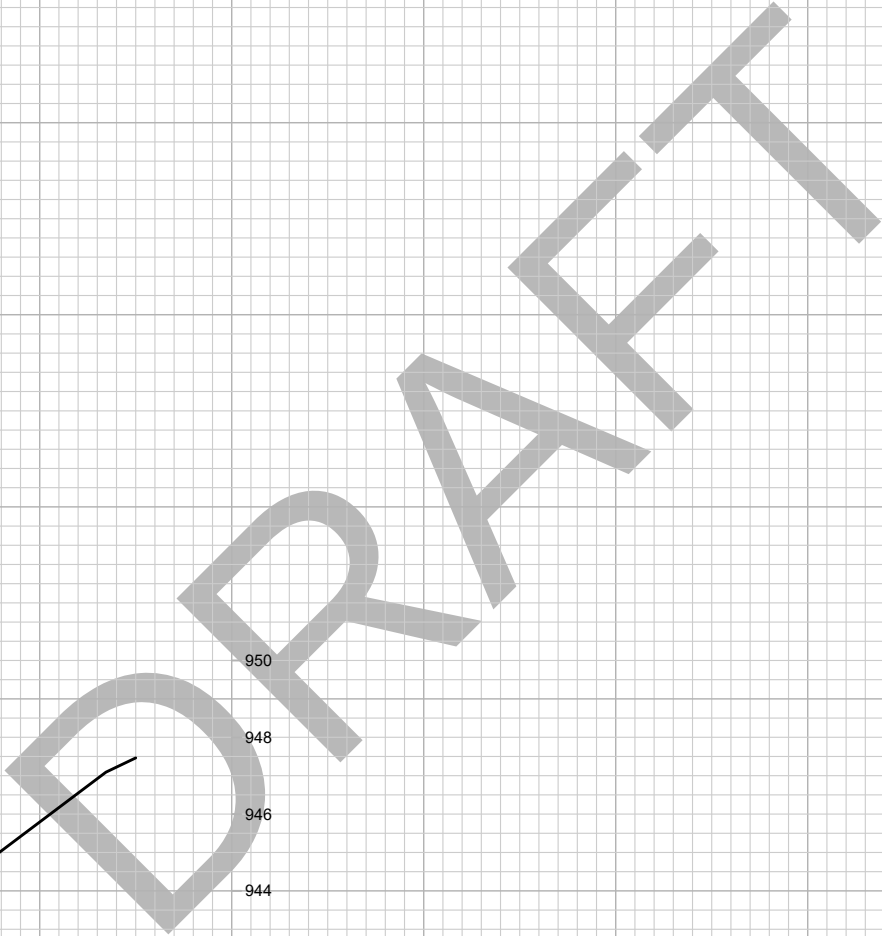


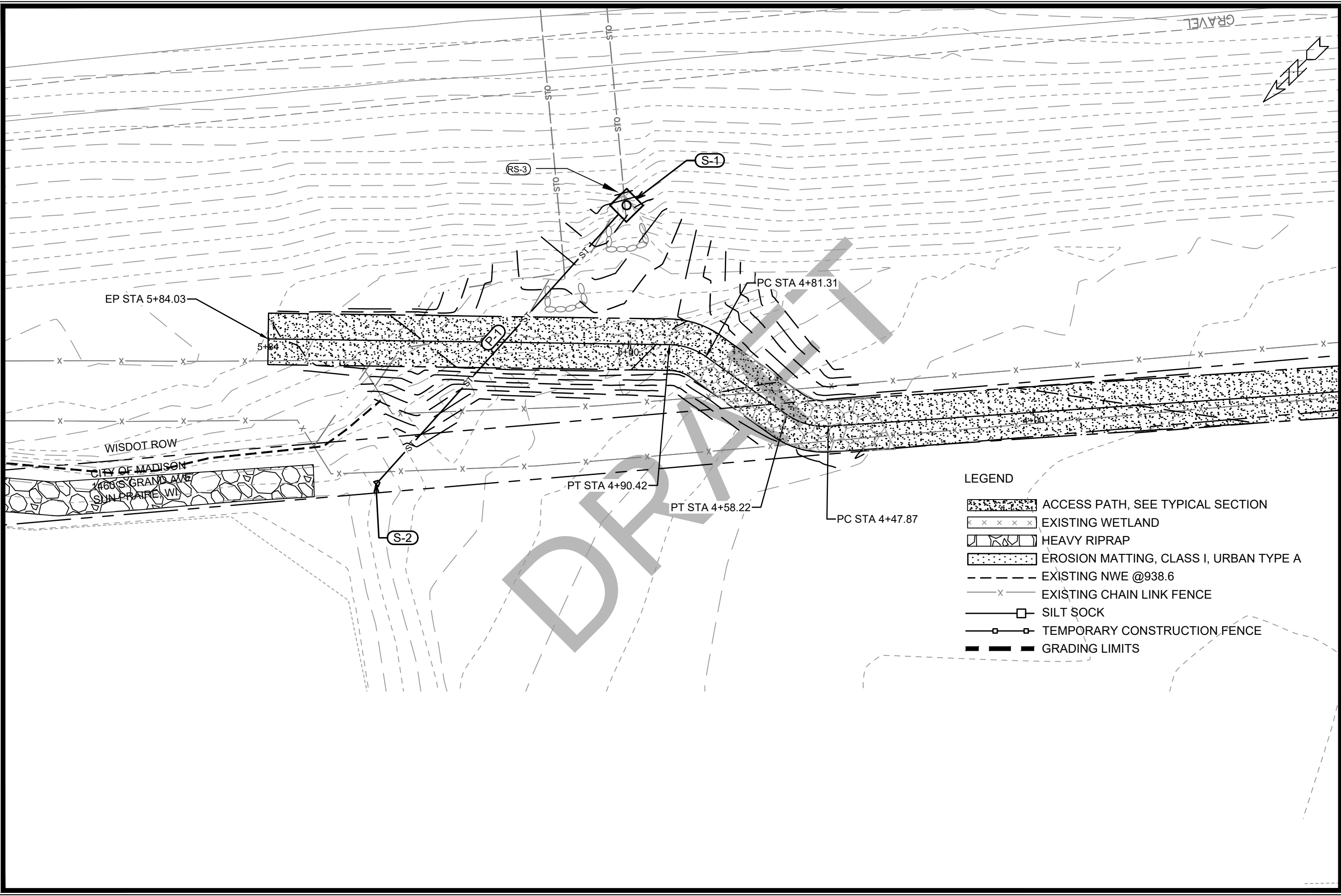


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15427		MADISON, WI		15427	
UTILITY PLAN - STORMWATER		NORTHEAST REGIONAL POND SHORELINE REPAIR		15427	
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BY		BY		BY	



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