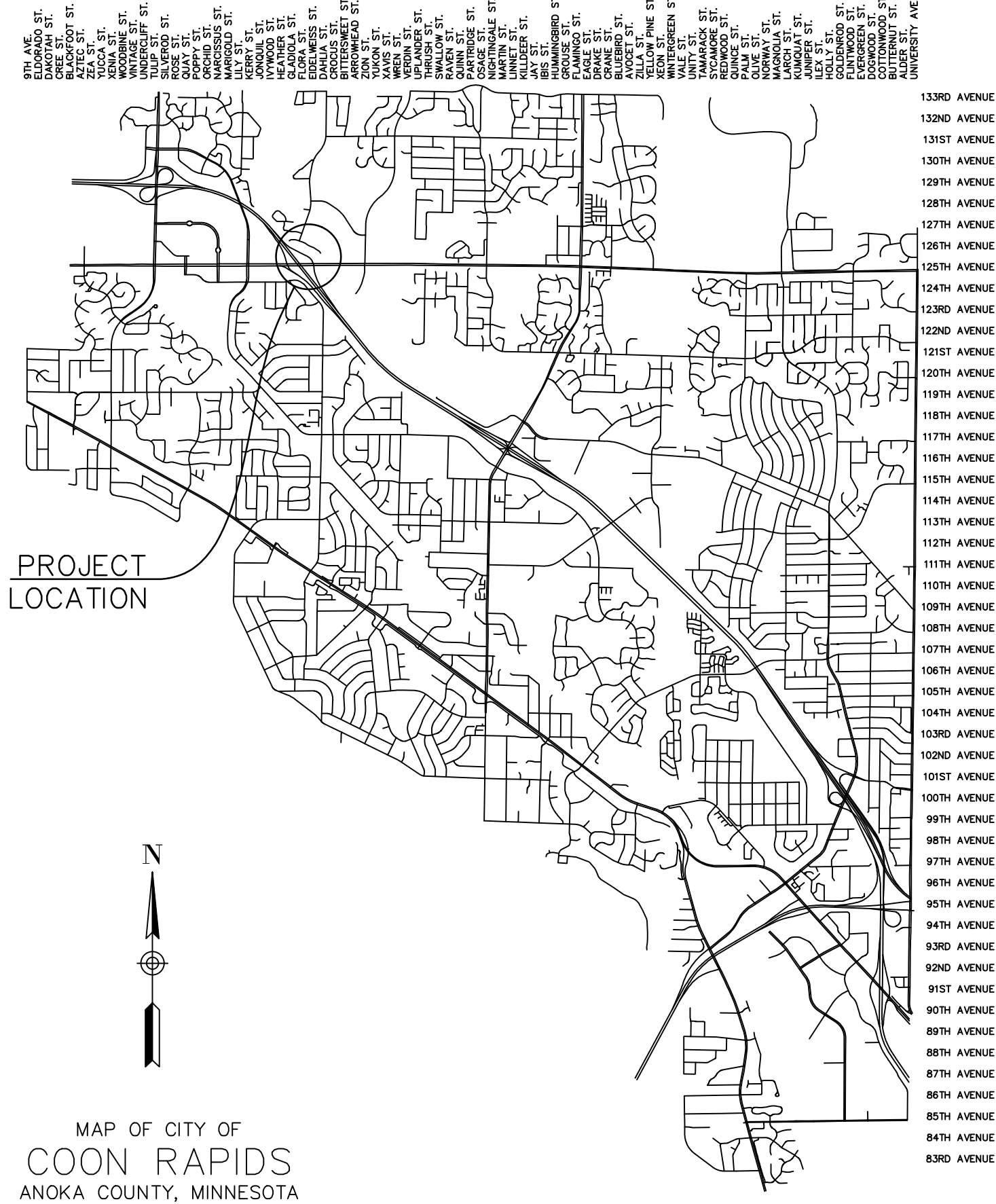


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CITY OF COON RAPIDS

26-3 TRAIL RECONSTRUCTION

SHEET INDEX

- | | |
|-------|---|
| 1 | TITLE SHEET |
| 2 | GENERAL LAYOUT |
| 3 | ESTIMATED QUANTITIES AND SPECIFIC NOTES |
| 4 | TYPICAL SECTIONS AND STANDARD DETAILS |
| 5-7 | EXISTING CONDITIONS AND REMOVAL PLANS |
| 8-13 | CONSTRUCTION PLANS AND PROFILES |
| 14-16 | CROSS SECTIONS |

GENERAL NOTES:

THE 2025 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

UTILITY NOTES:

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

TRAFFIC CONTROL NOTES:

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO AND BE PLACED IN ACCORDANCE WITH THE "MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MN MUTCD), AND PART VI "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS."

NO.	DATE	DESCRIPTION OF REVISIONS

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE STATE OF MINNESOTA.		
NAME: HAFEDH HLEL P.E.	<i>Hafedh Hlel</i>	DATE: 4/7/2026
LICENSE # 64829		

SURVEY: R.T.
DESIGNED: H.H.
CHECKED: M.C.H.

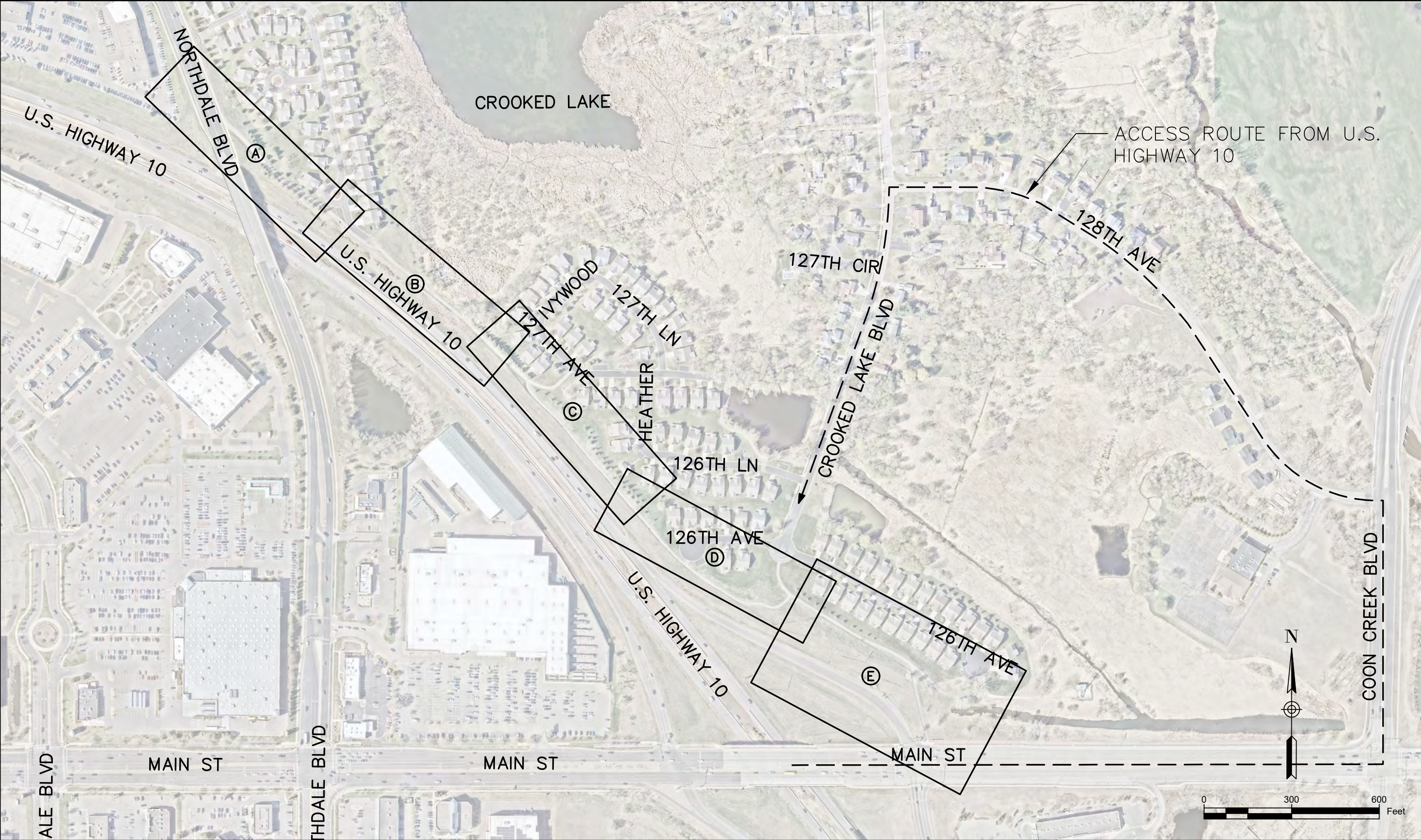
CITY OF COON RAPIDS ENGINEERING DEPARTMENT
11155 ROBINSON DRIVE COON RAPIDS, MN. 55433
PHONE: 763-755-2880



26-3 TRAIL RECONSTRUCTION

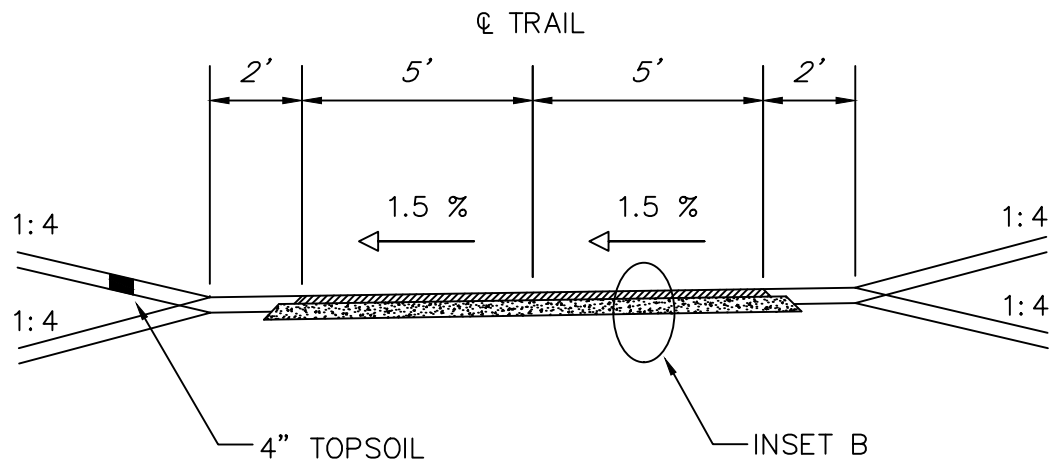
TITLE SHEET
SHEET 01 OF 16 SHEETS

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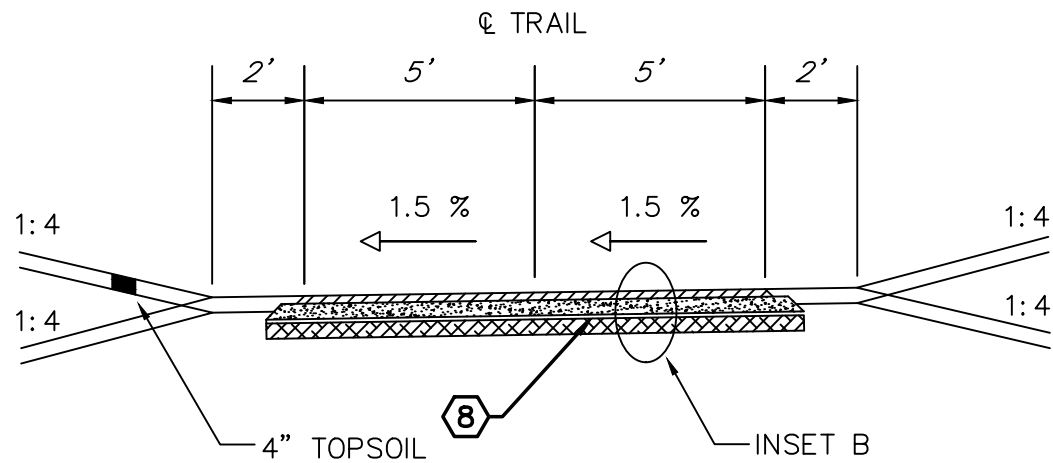
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				DESIGNED: H.H.			SHEET 02 OF 16 SHEETS
				CHECKED: M.C.H.			

TYPICAL SECTION A

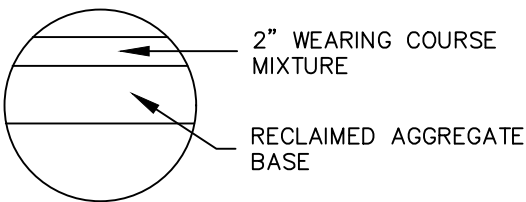


TYPICAL SECTION B

TRAIL STA. 20+50.00 TO 25+00.00

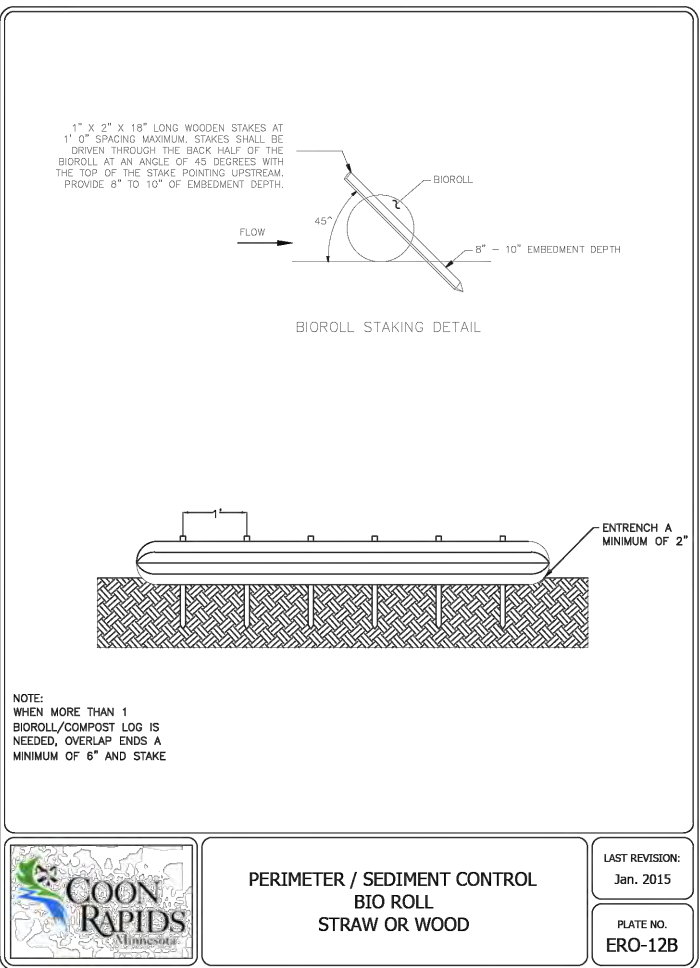
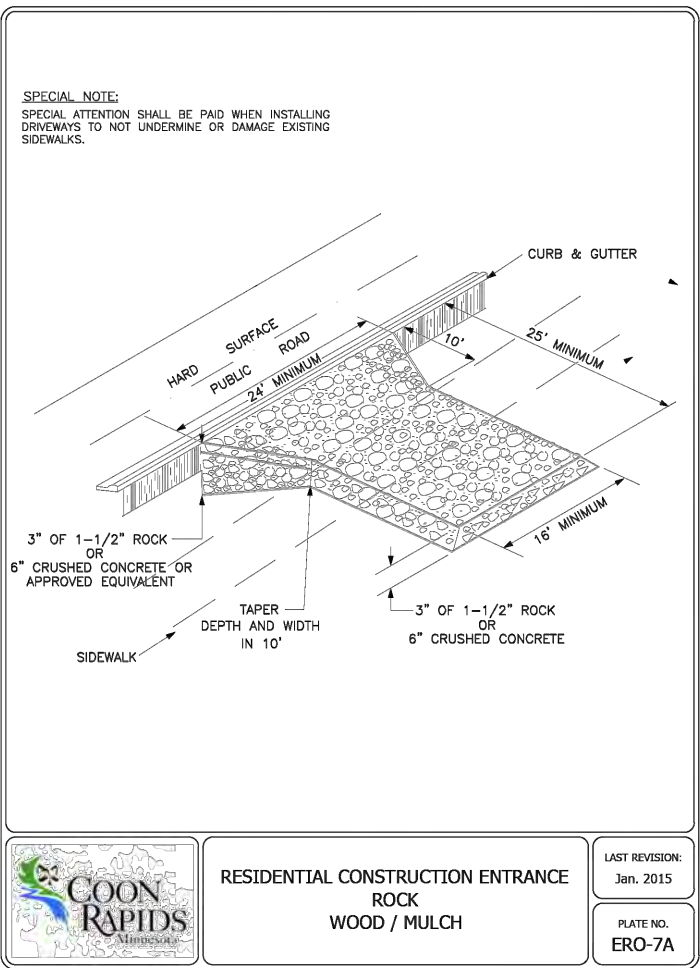
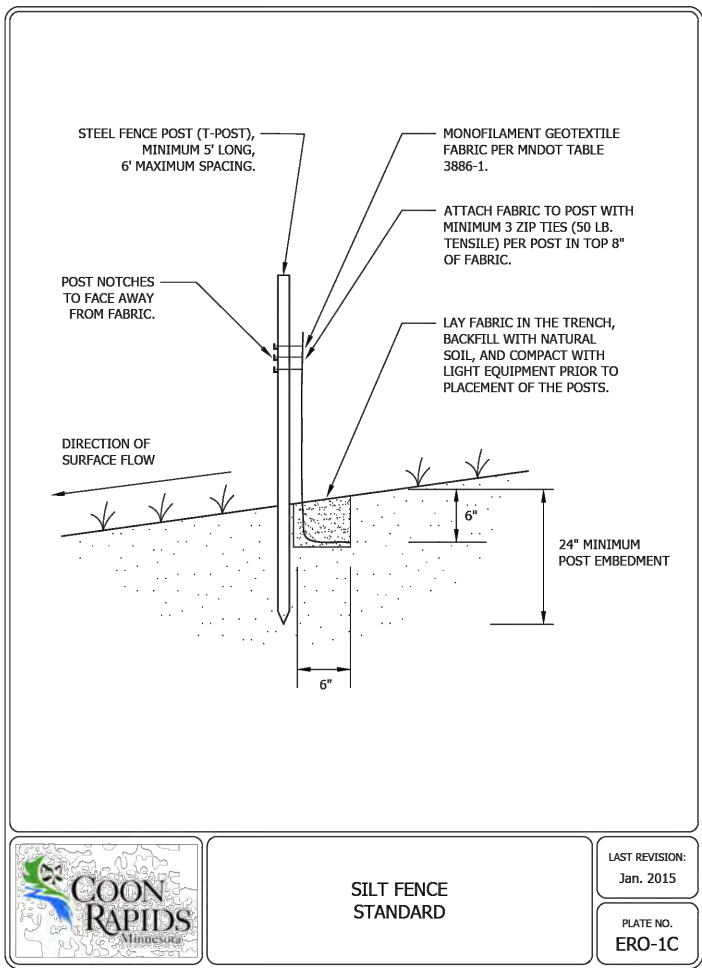
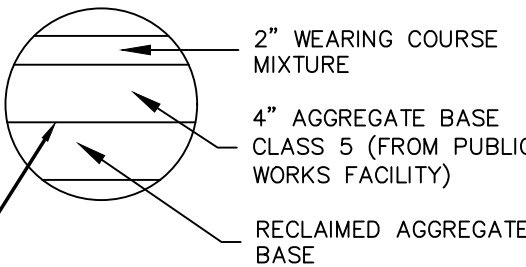


INSET A



INSET B

TRAIL STA. 20+50.00 TO 25+00.00



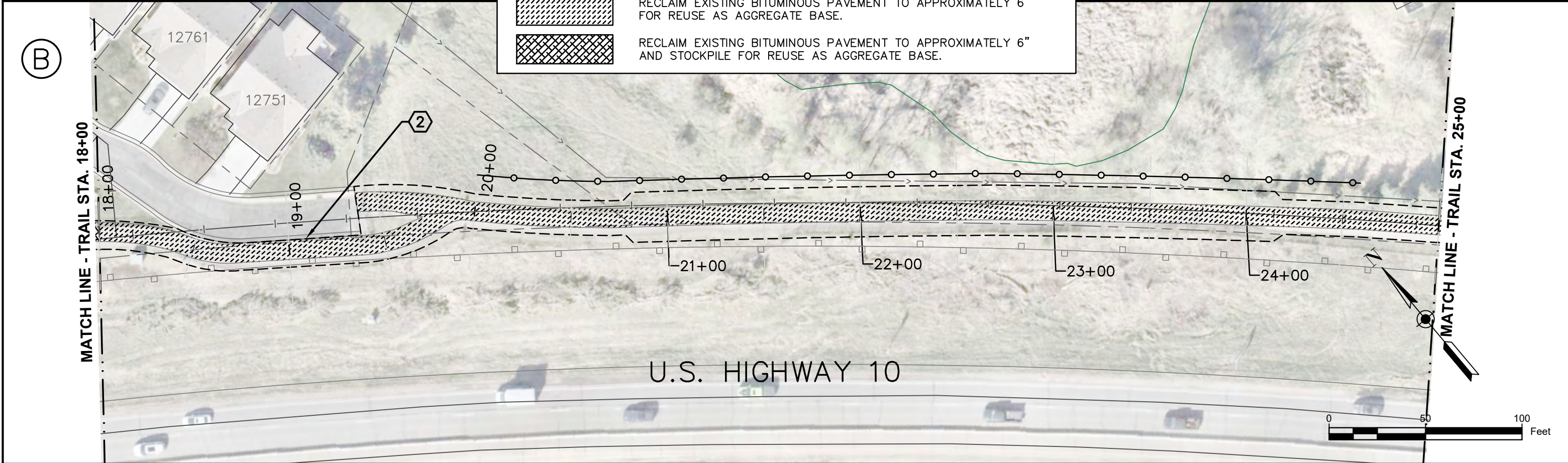
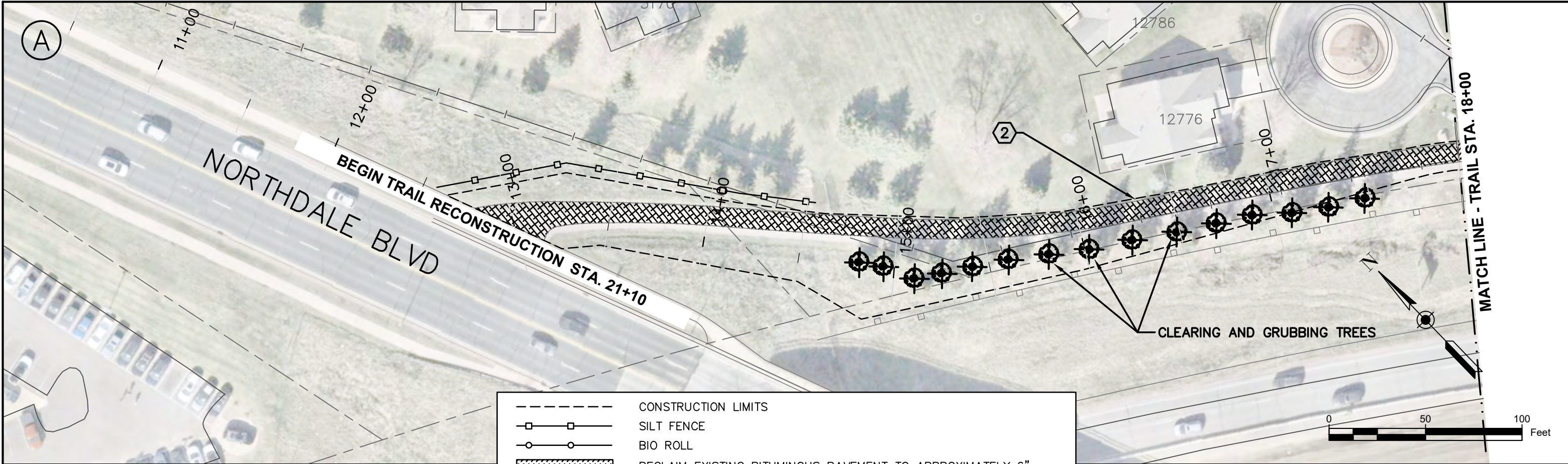
8

INSTALL HORIZONTAL ROOT BARRIER BENEATH TRAIL PAVEMENT AND AGGREGATE BASE ON PREPARED SUBGRADE. PROVIDE CONTINUOUS COVERAGE AND EXTEND MINIMUM 2 FEET BEYOND EACH EDGE OF TRAIL UNLESS OTHERWISE SHOWN ON THE PLANS. OVERLAP ADJACENT SHEETS A MINIMUM OF 18 INCHES AND PREVENT DISPLACEMENT DURING CONSTRUCTION. REPLACE DAMAGED AREAS AT NO ADDITIONAL COST.

OPTION A -HDPE ROOT BARRIER SHEET
•MATERIAL: HIGH-DENSITY POLYETHYLENE (HDPE)
•MINIMUM THICKNESS: 60 MIL (1.5 MM)
•TENSILE STRENGTH: MINIMUM 2,500 PSI
•PUNCTURE RESISTANCE: MINIMUM 300 LBS
•MATERIAL SHALL BE: CHEMICALLY INERT, RESISTANT TO BIOLOGICAL DEGRADATION, AND UV STABILIZED (IF EXPOSED DURING INSTALLATION)

OPTION B -COMPOSITE ROOT BARRIER GEOTEXTILE
•NONWOVEN GEOTEXTILE INTEGRATED WITH A ROOT-INHIBITING COMPONENT
•MINIMUM GRAB TENSILE STRENGTH: 180 LBS (ASTM D4632)
•MINIMUM PUNCTURE RESISTANCE: 90 LBS (ASTM D4833)
•DESIGNED SPECIFICALLY FOR ROOT CONTROL APPLICATIONS BENEATH PAVEMENTS

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			NAME: HAFEDH HLEL P.E. LICENSE # 64829	DESIGNED: H.H.	11155 ROBINSON DRIVE COON RAPIDS, MN. 55433			
			DATE: 4/7/2026	CHECKED: M.C.H.	PHONE: 763-755-2880			



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			NAME: HAFEDH HLEL P.E. LICENSE # 64829		DESIGNED: H.H.				
					CHECKED: M.C.H.				

E

MATCH LINE - TRAIL STA. 40+00

126TH AVE

2801

2900

2888

2880

2868

2860

2852

2844

2836

2826

END TRAIL RECONSTRUCTION

END TRAIL RECONSTRUCTION STA. 10+00

40+00

41+00

42+00

43+00

44+00

45+00

46+00

END TRAIL RECONSTRUCTION

MAIN ST

CONSTRUCTION LIMITS

SILT FENCE

BIO ROLL

RECLAIM EXISTING BITUMINOUS PAVEMENT TO APPROXIMATELY 6" FOR REUSE AS AGGREGATE BASE.

RECLAIM EXISTING BITUMINOUS PAVEMENT TO APPROXIMATELY 6" AND STOCKPILE FOR REUSE AS AGGREGATE BASE.

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE STATE OF MINNESOTA.

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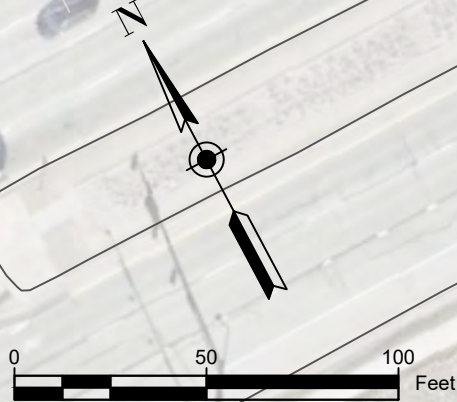
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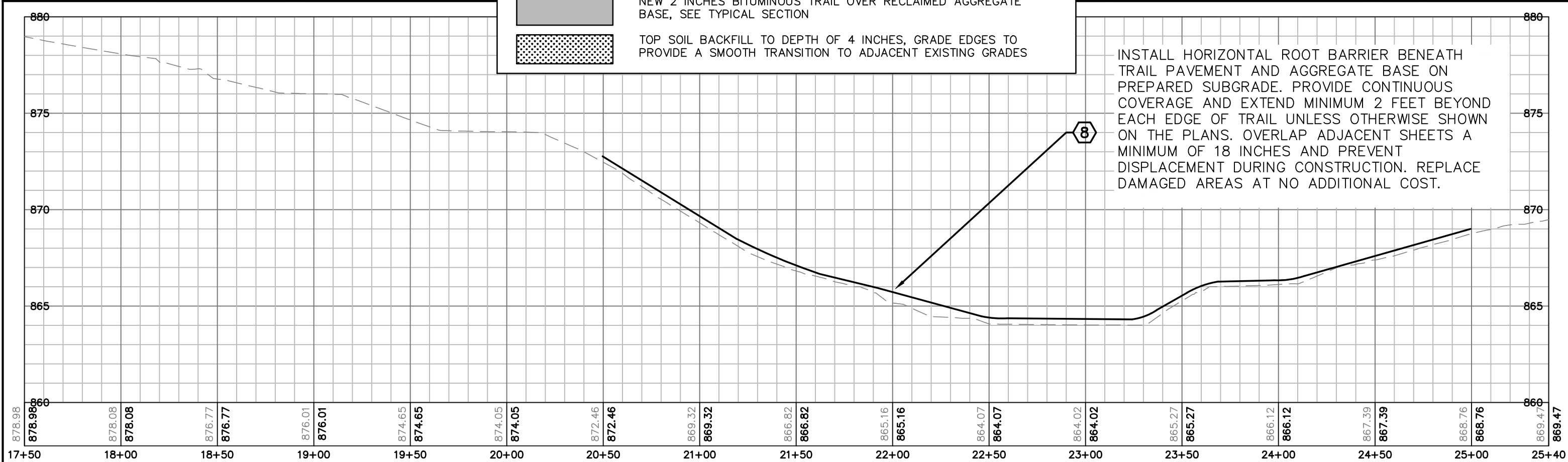
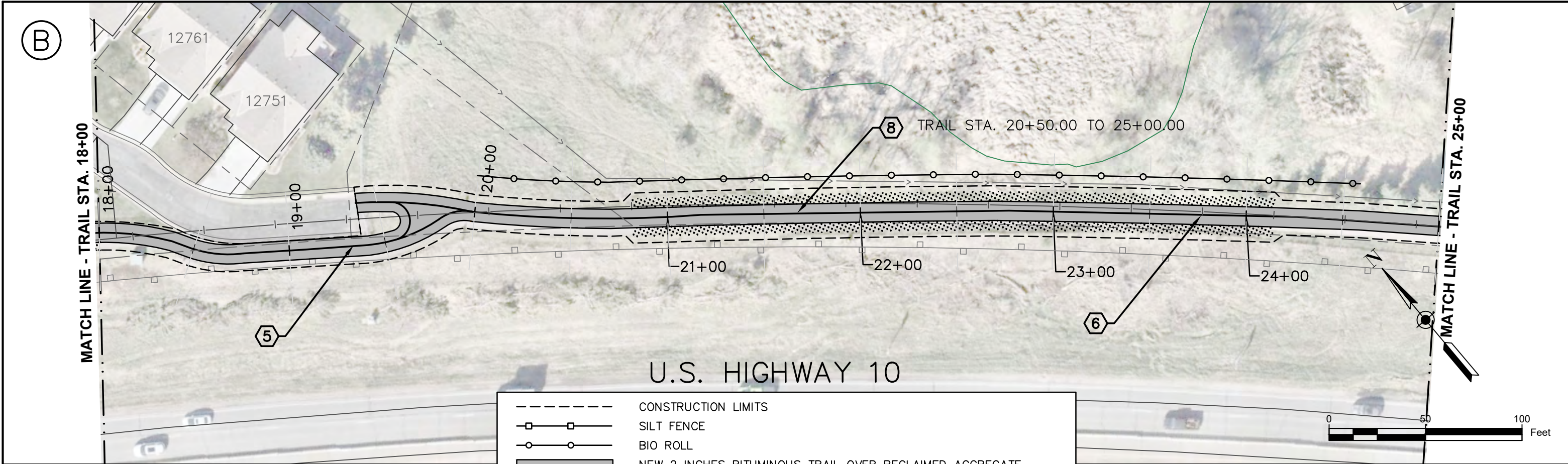
CITY OF COON RAPIDS
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COON RAPIDS, MN. 55433
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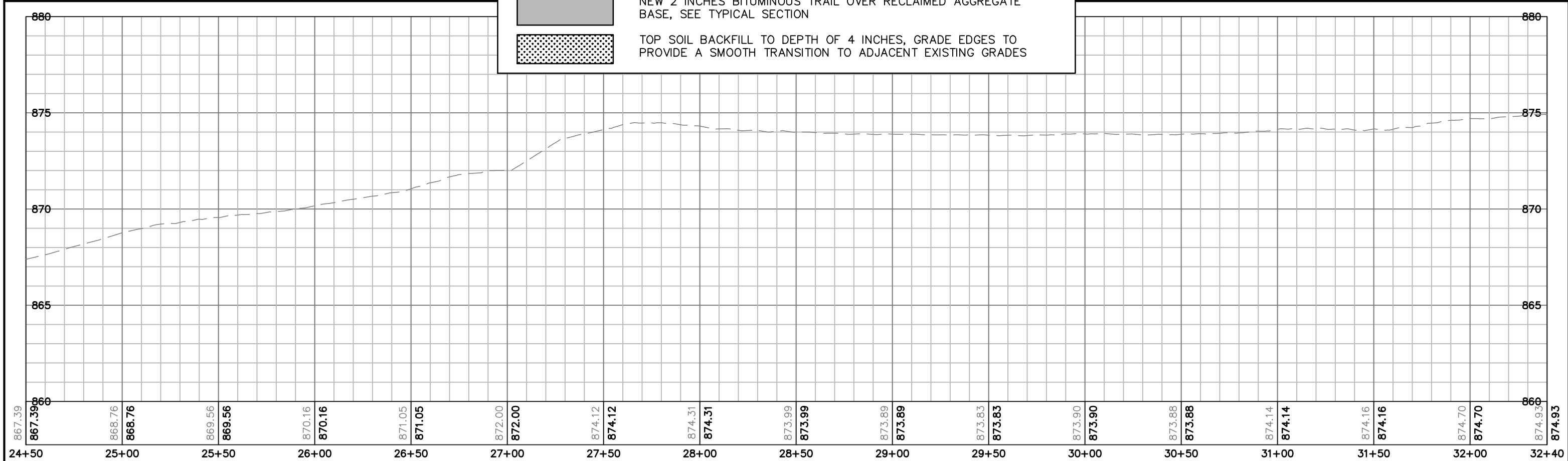
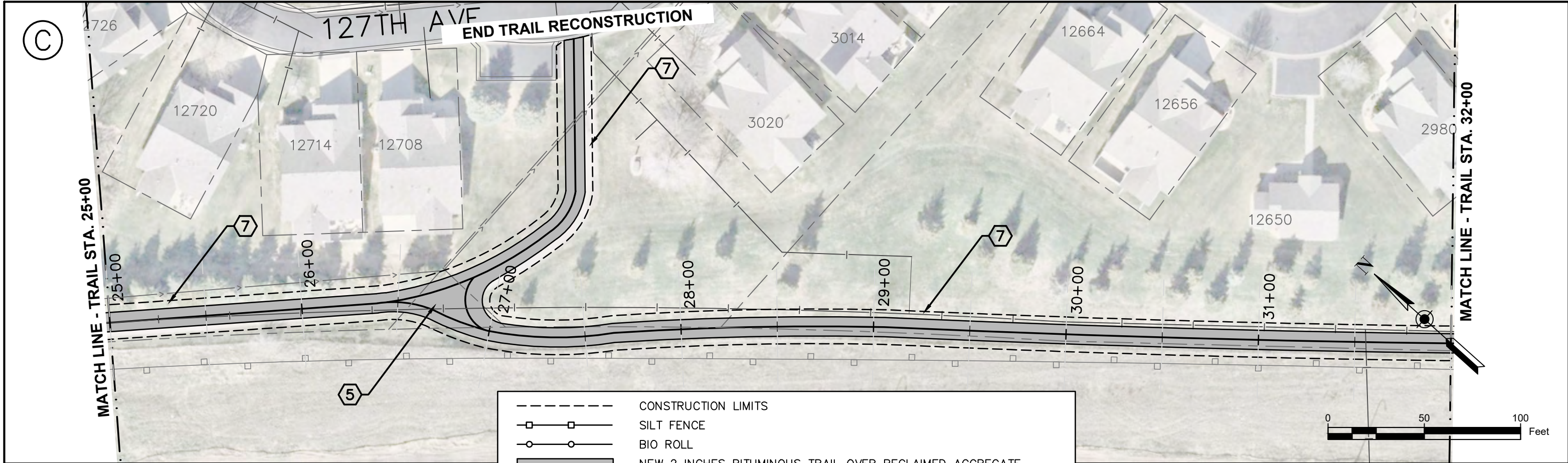
26-3 TRAIL RECONSTRUCTION

EXISTING CONDITIONS & REMOVAL PLAN (E)
SHEET 07 OF 16 SHEETS

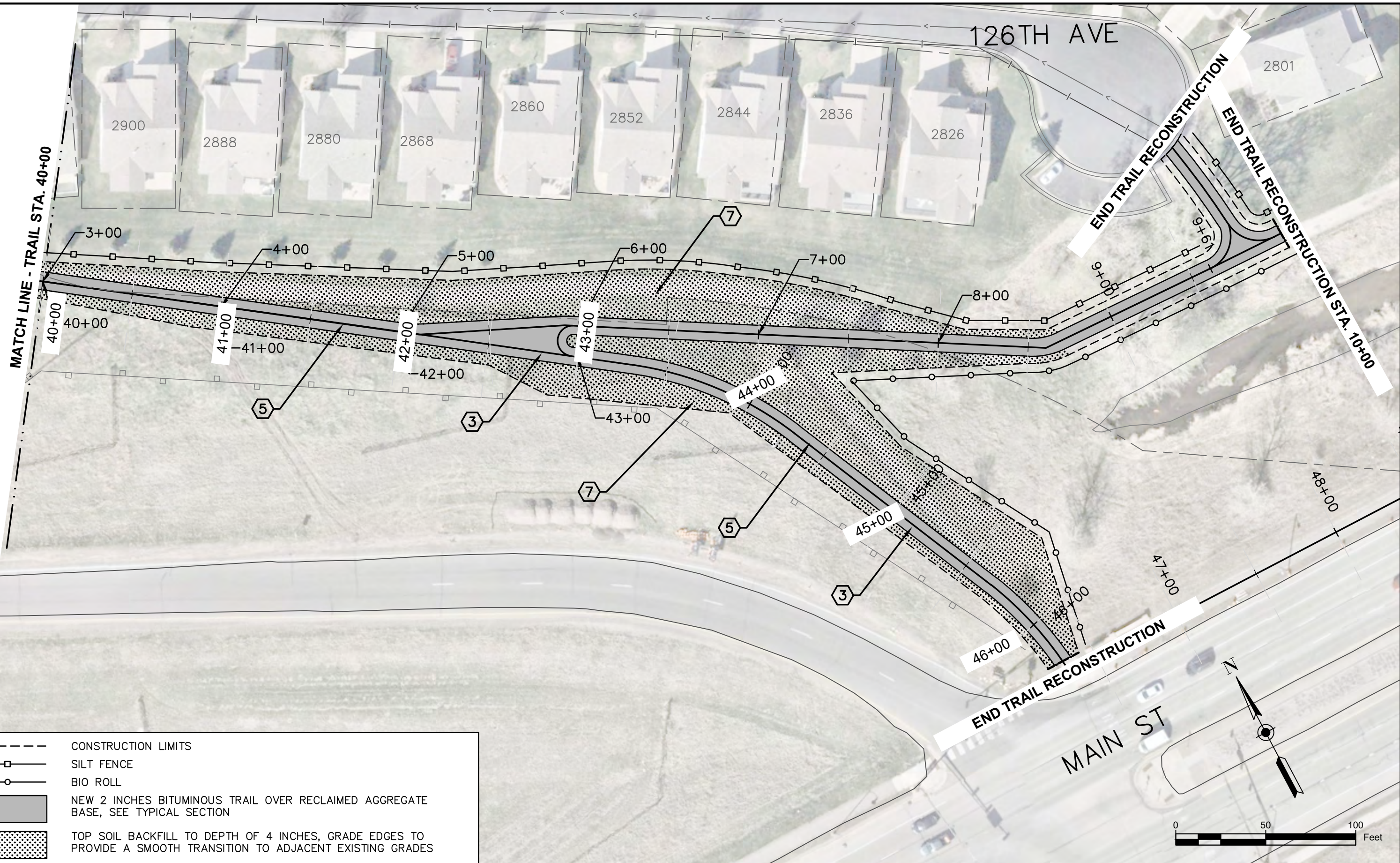




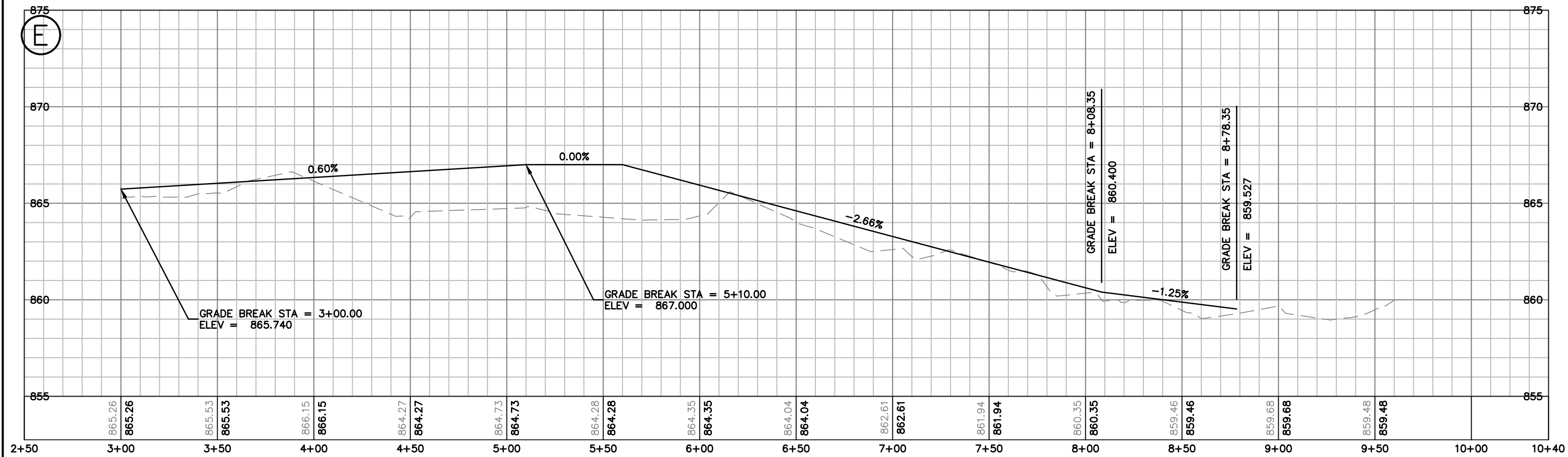
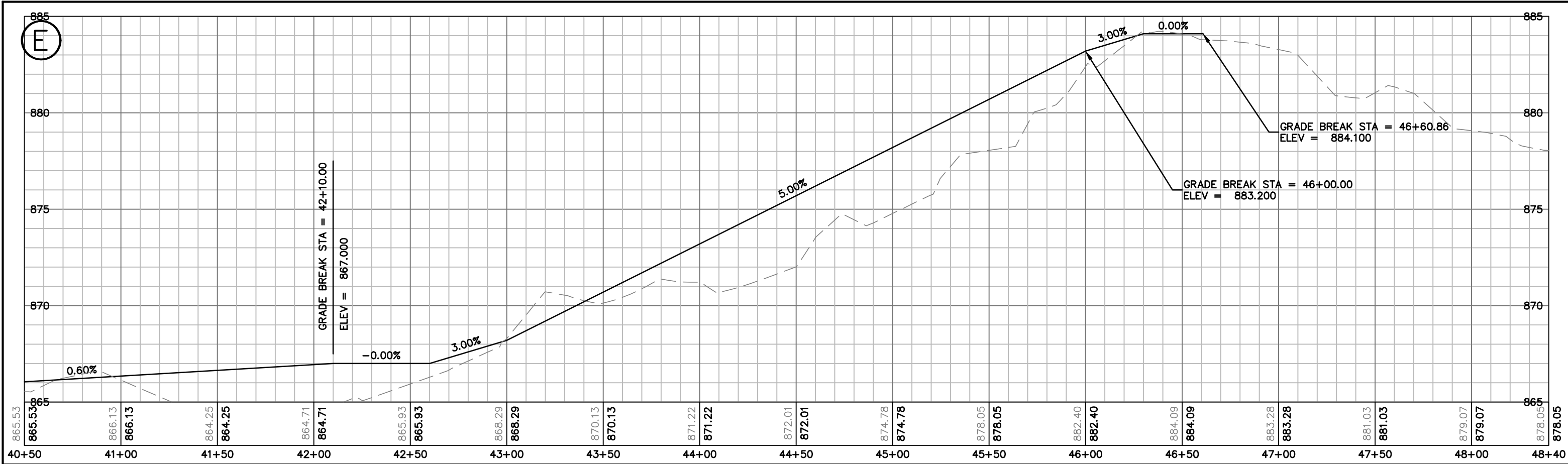
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			NAME: HAFEDH HLEL P.E. LICENSE # 64829	DESIGNED: H.H.	11155 ROBINSON DRIVE COON RAPIDS, MN. 55433			
				CHECKED: M.C.H.	PHONE: 763-755-2880			
			DATE: 4/7/2026			SHEET 09 OF 16 SHEETS		



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			NAME: HAFEDH HLEL P.E. LICENSE # 64829			DESIGNED: H.H.			11155 ROBINSON DRIVE COON RAPIDS, MN. 55433						SHEET 10 OF 16 SHEETS		
			DATE: 4/7/2026			CHECKED: M.C.H.			PHONE: 763-755-2880								

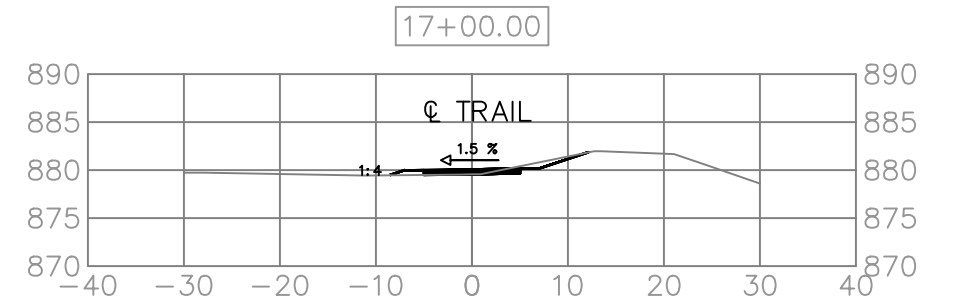
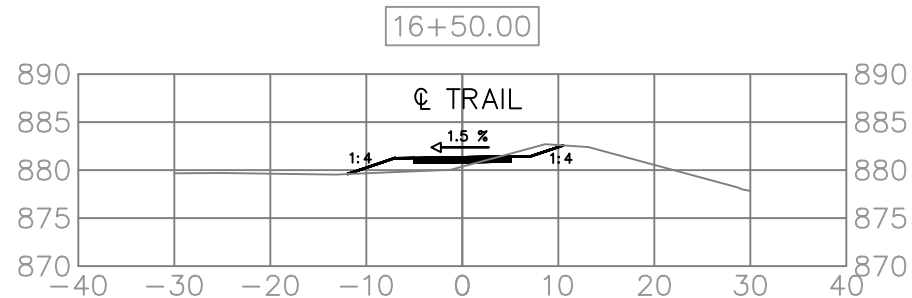
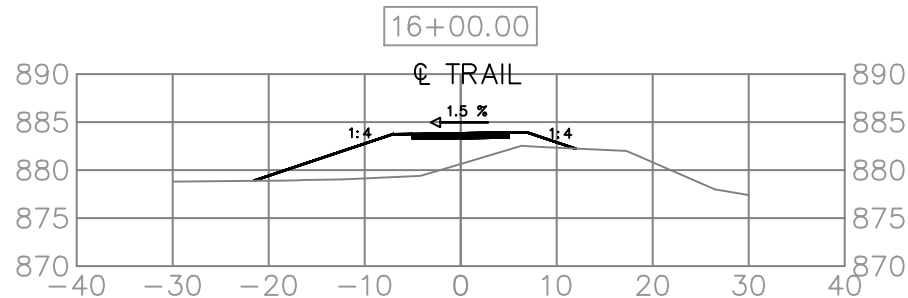
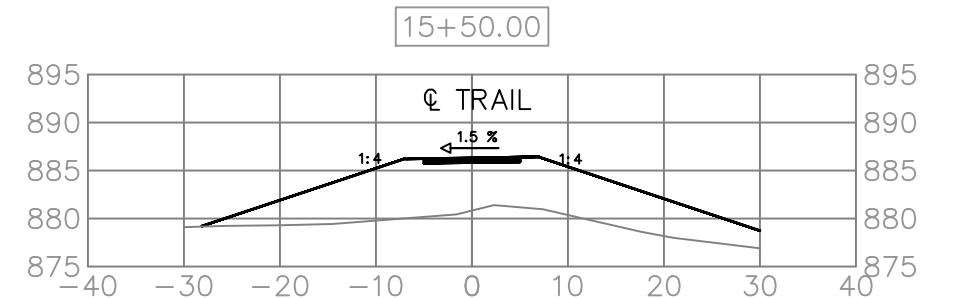
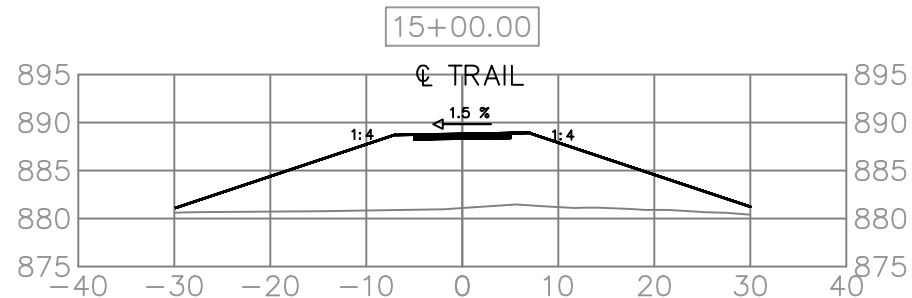
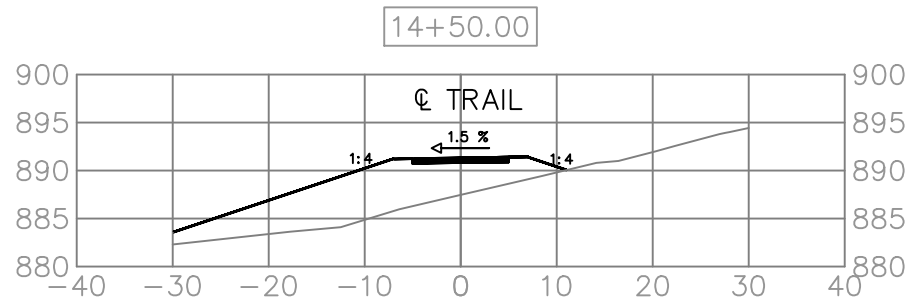
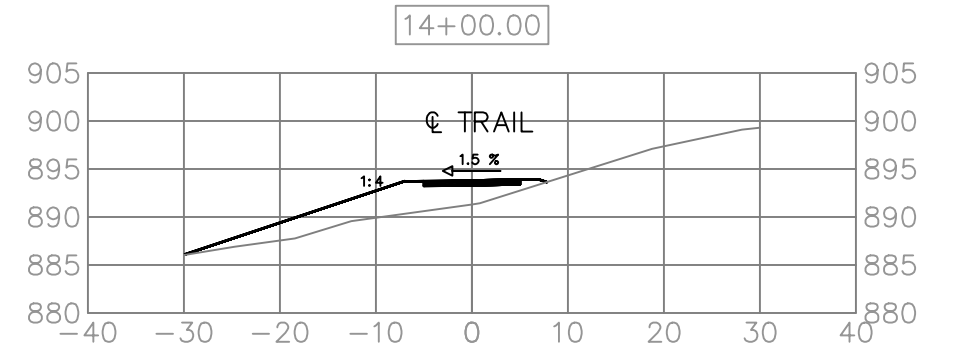
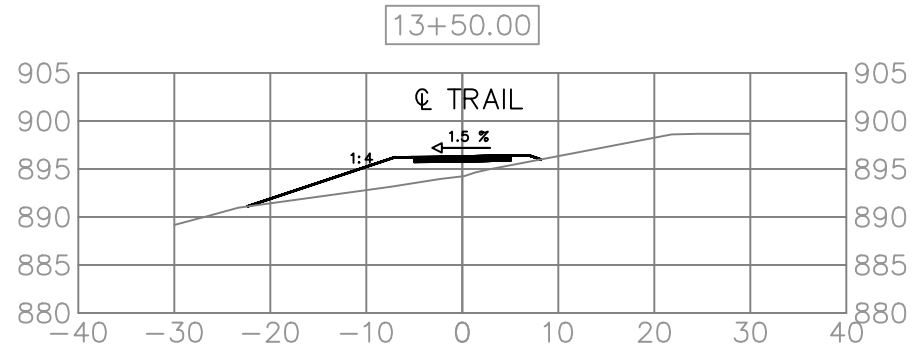
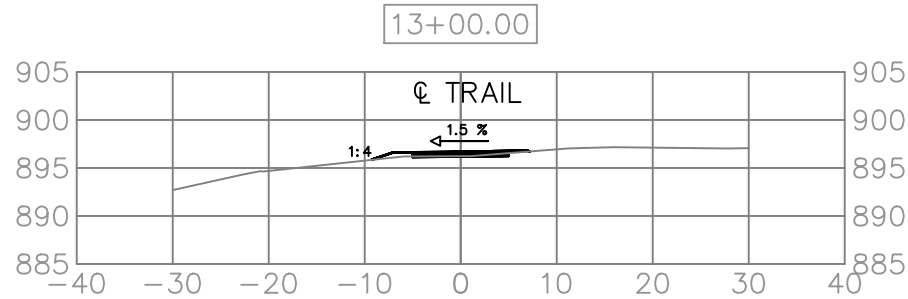


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						DESIGNED: H.H.		11155 ROBINSON DRIVE COON RAPIDS, MN. 55433						SHEET 13 OF 16 SHEETS	
				NAME: HAFEDH HLEL P.E. <u>Hafedh Hlel</u> DATE: 4/7/2026 LICENSE # 64829		CHECKED: M.C.H.		PHONE: 763-755-2880							

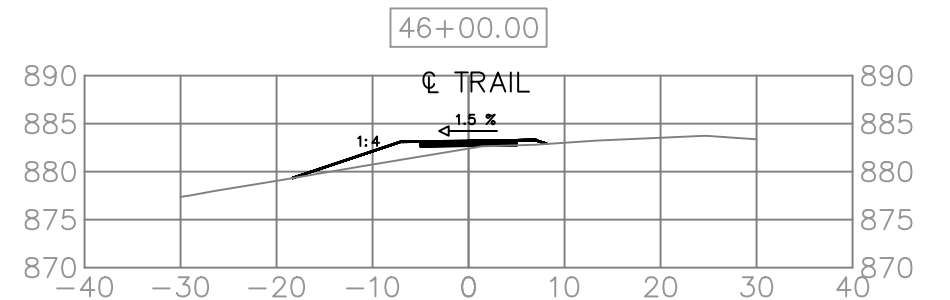
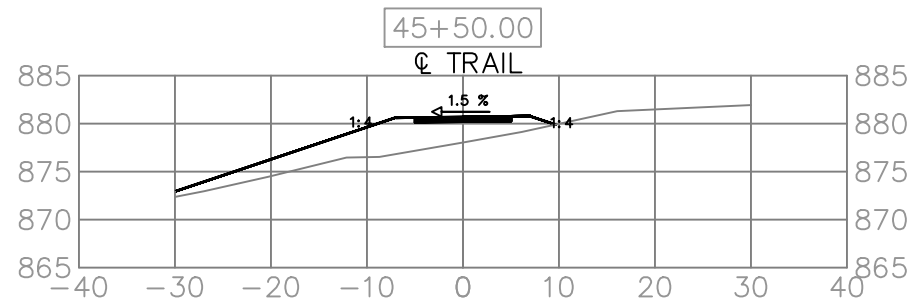
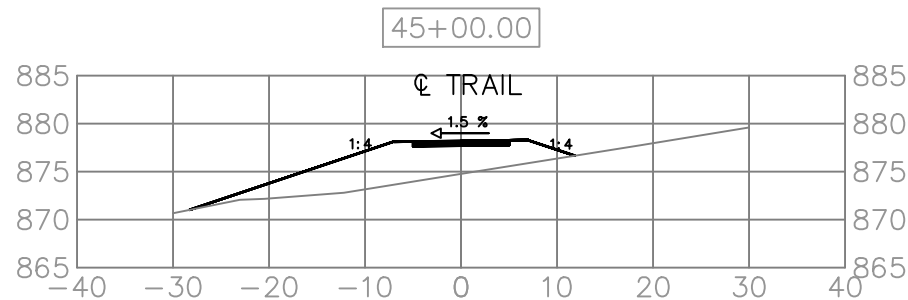
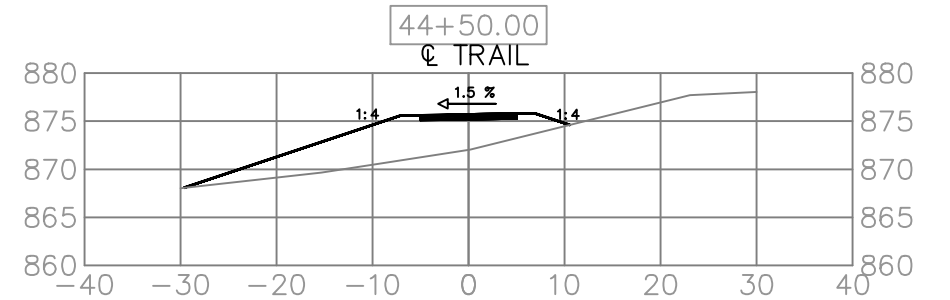
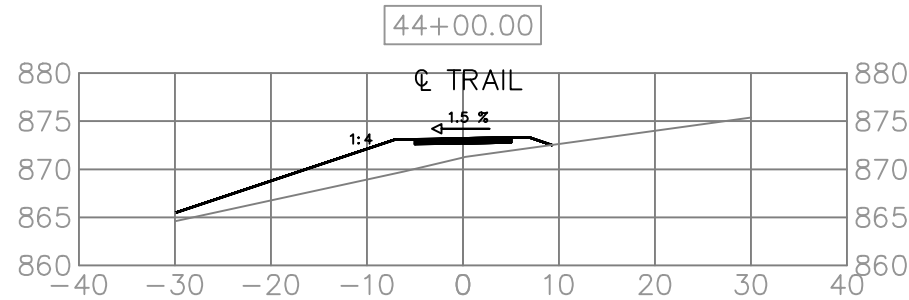
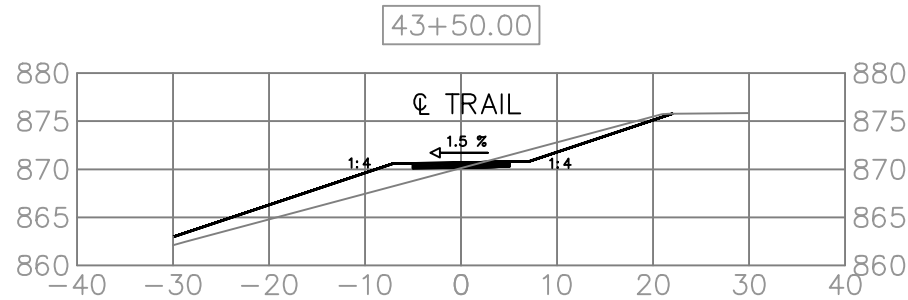
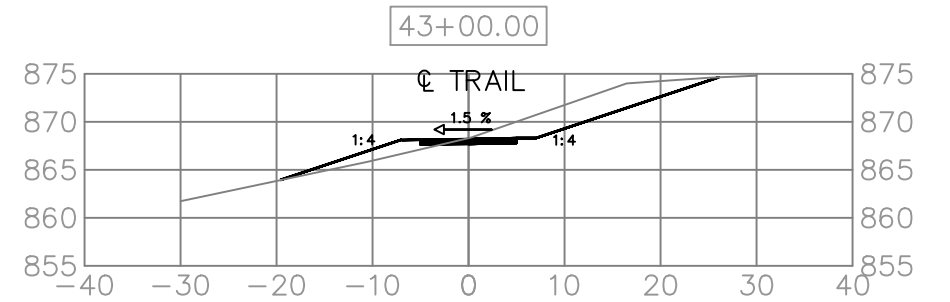
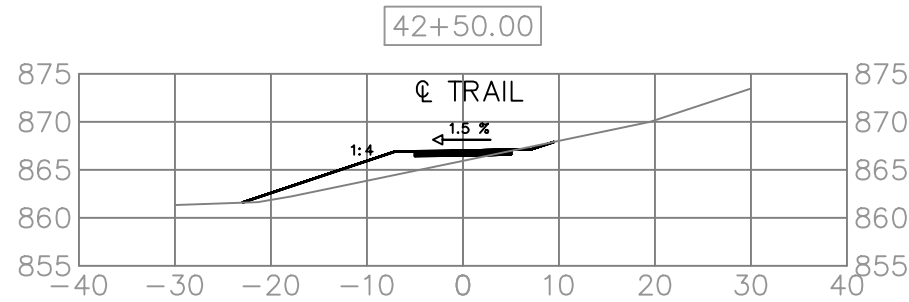
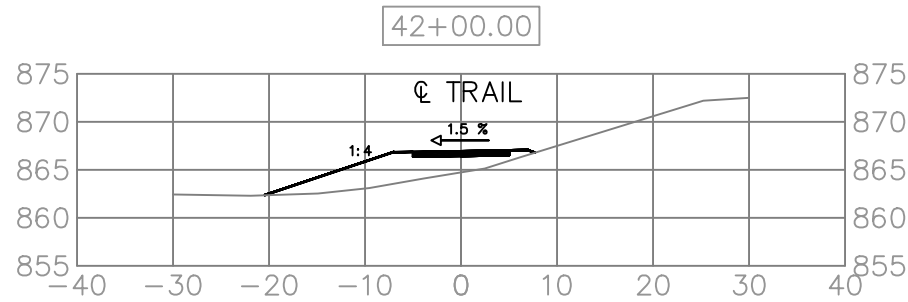
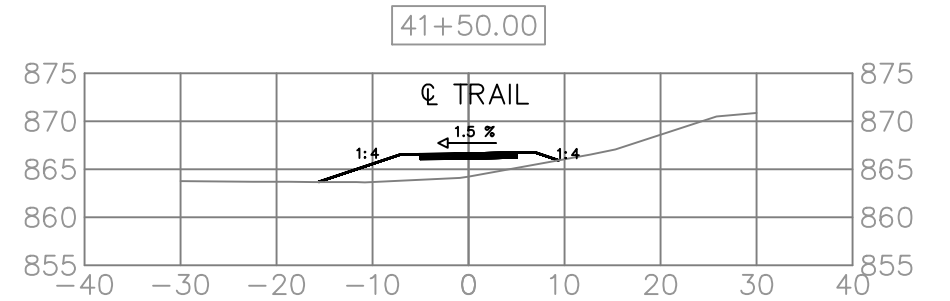
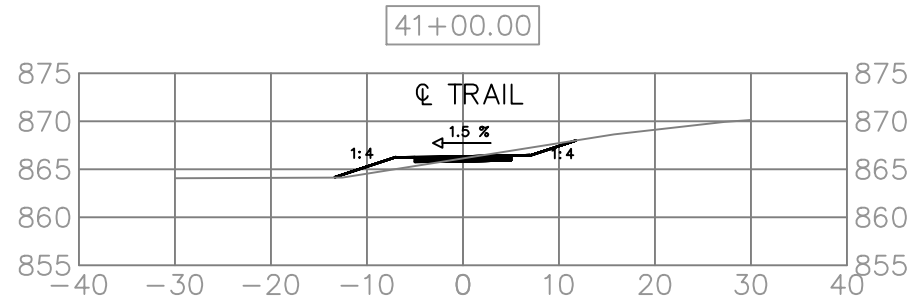
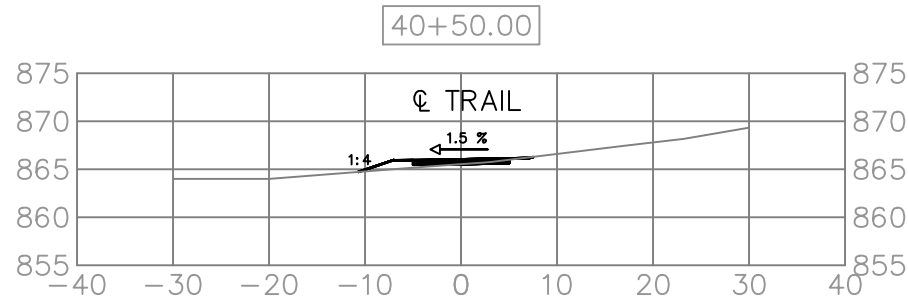
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NORTHDALE BLVD NW

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			NAME: HAFEDH HLEL P.E. <i>Hafedh Hlel</i> LICENSE # 64829			DESIGNED: H.H.					
			DATE: 4/7/2026			CHECKED: M.C.H.				SHEET 14 OF 16 SHEETS	

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MAIN ST NW

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LICENSE # 64829

Hafedh Hlel

DATE:
4/7/2026

SURVEY: R.T.

DESIGNED: H.H.

CHECKED: M.C.H.

CITY OF COON RAPIDS
ENGINEERING DEPARTMENT

11155 ROBINSON DRIVE
COON RAPIDS, MN. 55433

PHONE: 763-755-2880

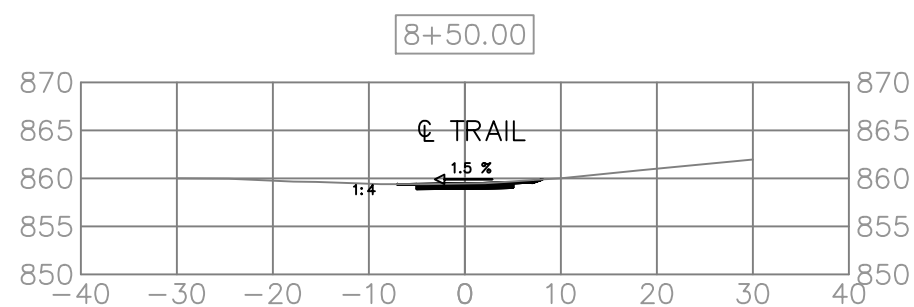
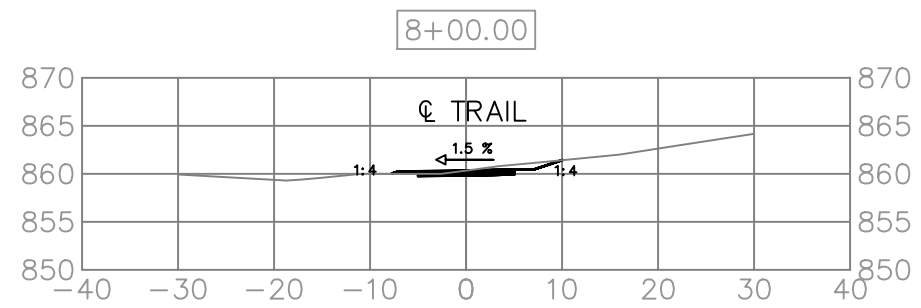
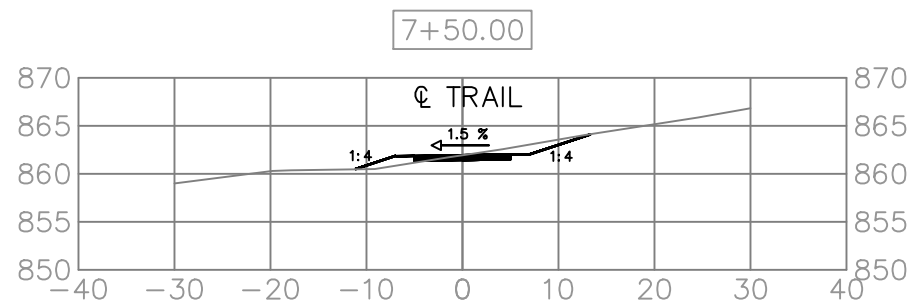
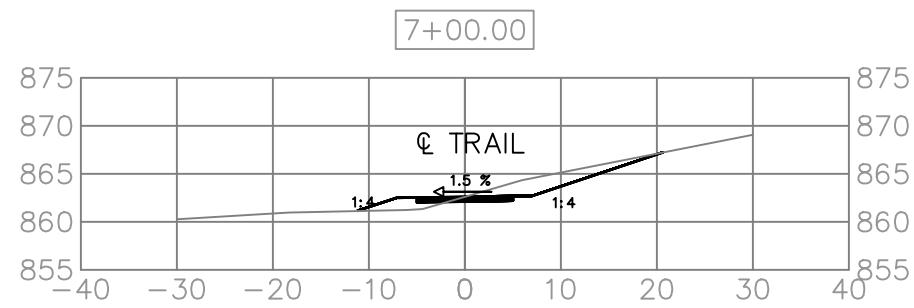
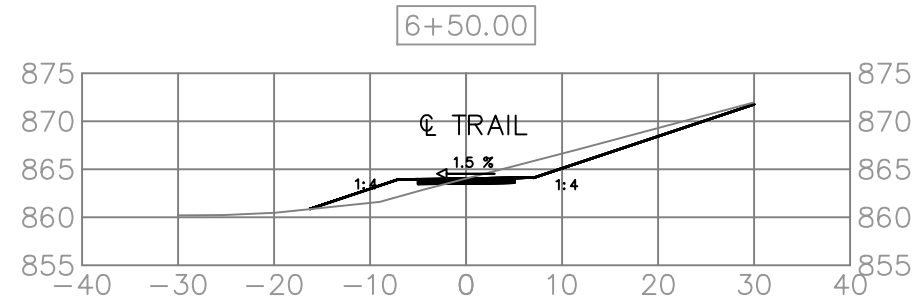
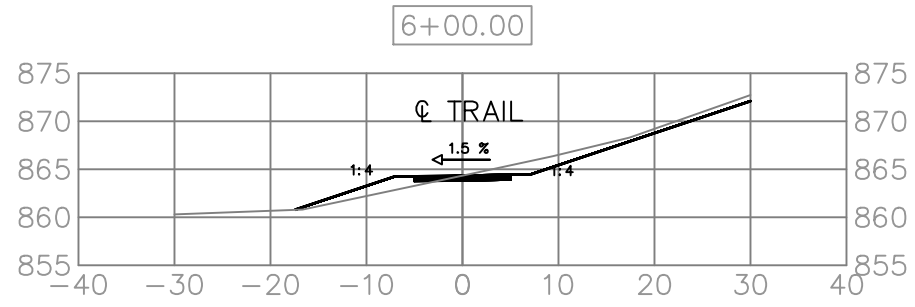
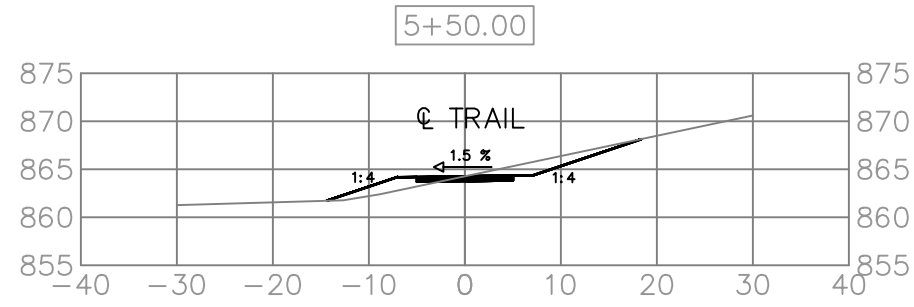


26-3 TRAIL RECONSTRUCTION

CROSS SECTIONS
40+50.00 - 46+00.00

SHEET 15 OF 16 SHEETS

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TRAIL CONNECTION

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PHONE: 763-755-2880



26-3 TRAIL RECONSTRUCTION

CROSS SECTIONS
5+50.00 - 8+50.00

SHEET 16 OF 16 SHEETS