

ELMORE DRAIN RECONSTRUCTION / PROJECT NO. 22216

PLANS PREPARED FOR: _____
HENDRICKS COUNTY SURVEYOR
355 SOUTH WASHINGTON STREET, SUITE 214
DANVILLE, INDIANA 46122
PHONE: 317-745-9237
FAX: 317-745-9429
CONTACT: DAVID GASTON

§

COMMUNICATIONS

AT&T
240 N. Meridian St.
Indianapolis, IN 4620
317-220-7043
Matt Spindler

ELECTRIC & FIBER OPTIC

Hendricks Power Cooperative
86 N. 500 E.
Danville, IN 46122
317-745-5473
Jason Stewart

FIRE DEPARTMENT

North Salem Fire Department
607 W. Pearl St.
North Salem, IN 46165
765-676-6425

COMMUNICATIONS

Brightspeed
1120 S. Tryon St., Suite 700
Charlotte, NC 28203
704-314-2662
Sonni Smith

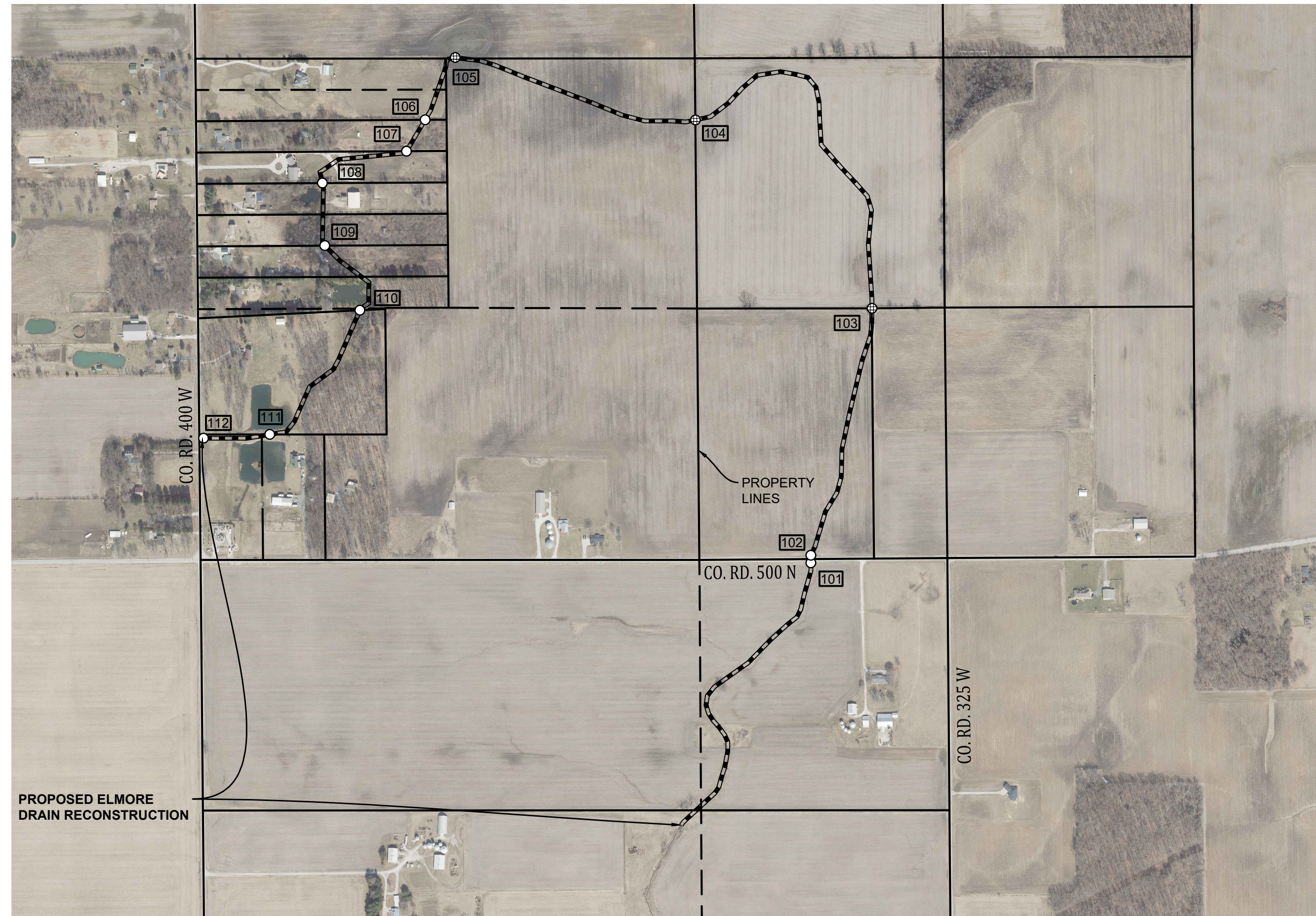
PIPELINE

Panhandle Eastern Pipeline Co
8910 Purdue Rd.
Indianapolis, IN 46268
317-879-3039
Joel Norton

SCHOOL DISTRICT

Northwest Hendricks School Corp. 104
104 N. Church St., PO Box 70
Lizton, IN 46149
317-994-4100

D



CO RD 325 W

SHEET NO	DESCRIPTION
C100	TITLE SHEET
C101	OVERALL PLAN
C102-C108	PLAN AND PROFILES ELMORE DRAIN RECONSTRUCTION
C500	CROSS SECTIONS
C501	MISCELLANEOUS DETAILS

[illegible]

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CONTACT: JOSEPH L. MILLER
EMAIL: jmiller@banning-eng.com

PROJECT MANAGER: _____ DATE: _____

THESE PLANS ARE NOT TO BE CONSIDERED FINAL OR TO BE UTILIZED FOR CONSTRUCTION UNLESS SIGNED AND DATED BY THE APPROPRIATE BANNING ENGINEERING PROJECT MANAGER.

THESE PLANS ARE NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT
OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR A SURVEYOR
LOCATION REPORT.

02-10-23

JOSEPH L. MILLER
REGISTERED
No.
PE10403481
STATE OF
INDIANA
PROFESSIONAL ENGINEER

[Signature]

Date:	02-10-23
Project No:	22216
Sheet No:	

C100

CONTROL POINTS				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	167135.313	3289778.162	962.885	5/8" REBAR WITH BANNING CONTROL CAP
2	1670567.114	3093060.86	945.693	5/8" REBAR WITH BANNING CONTROL CAP

Site Benchmarks
TBM #10
BENCH TIE SET IN EAST FACE OF UTILITY POLE 2.5' ABOVE GRADE
670' N OF THE INTERSECTION OF CR 500N / CR 400W
45' NW OF A FENCE CORNER OF ADDRESS 3896 CR 400 WEST
20' W OF THE CENTERLINE OF CR 400 W
Elev. = 962.81' (NAVD 88)

TBM #11
BENCH TIE SET IN THE EAST FACE OF UTILITY POLE 2' ABOVE GRADE
720' W OF THE INTERSECTION OF CR 500 W / CR 325 W
20' SW OF A CONCRETE HEADWALL
Elev. = 946.85' (NAVD 88)

Notes:
Per 865 IAC 1-12-12 this drawing is not intended to be represented as a retracement or original boundary survey, a route survey, or a Surveyor Location Report.

The boundary lines are shown per available online GIS mapping. The location of these lines is approximate and should not be relied upon.

The horizontal survey data shown hereon is based upon standard radial survey techniques and by global positioning equipment, utilizing the VRS Network, a real-time kinematic (RTK) correction service over the internet. The coordinate values shown are in Indiana State Plane East Zone on the 1983 North American Datum.

All bearings, distances and coordinates are referenced to the Indiana State Plane East Zone (NAD 83) Coordinate System. The Combined Scale Factor for this project is 1.000000. Distances shown hereon are GRID distances.

This survey reflects above ground indications of utilities and information available from utility companies. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated, although they are located as accurately as possible from the information available. The surveyor has not physically located the underground utilities.

PROPOSED ELMORE
DRAIN RECONSTRUCTION

PROPOSED
RISER

TBM #10
CONTROL POINT #1

COUNTY ROAD 400 W.

STEVEN RAY LIESKE, WYATT HUNT
LIESKE & ALLISON PAIGE LIESKE

PROPOSED
2' X 2' BOX
INLET W/4342

PROPOSED
RISER

PROPOSED
RISER

PROPOSED
RISER

PROPOSED
RISER

TBM #11

THE ARLENE PRITCHETT REVOCABLE
TRUST, RESTATED APRIL 1, 1986 AND AMENDED
SEPTEMBER 2, 1988

THE ARLENE PRITCHETT REVOCABLE TRUST,
RESTATED APRIL 1, 1986 AND AMENDED
SEPTEMBER 2, 1988

PINE RIDGE FAMILY LIMITED
PARTNERSHIP
INSTR 199419323

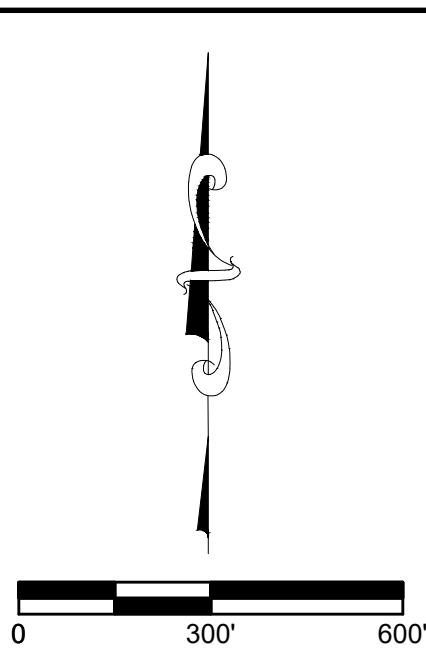
REYNOLDS LEGACY TRUST

SHARON & MARTIN DIAL

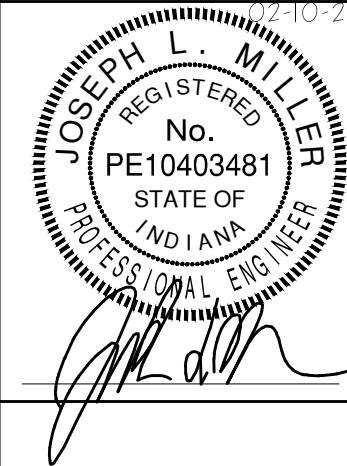
PROPOSED 48"
MANHOLE W/
4342 CASTING

CONTROL POINT #2

COUNTY ROAD 325 W.



OVERALL PLAN
ELMORE DRAIN RECONSTRUCTION
EEL RIVER TOWNSHIP
NORTH SALEM, INDIANA



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Sheet No:

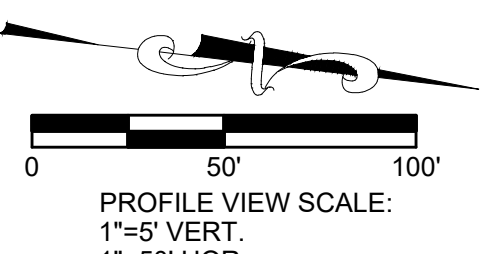
C101

Designed:	Sym.	Revisions	Date
JLM			
Drawn:	TMF		
Checked:	JLM		
Scale:	1" = 300'		
Date:	02-10-23		

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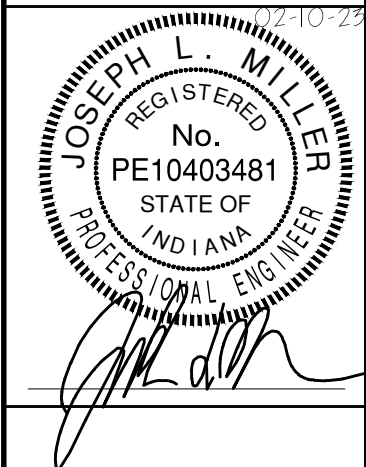
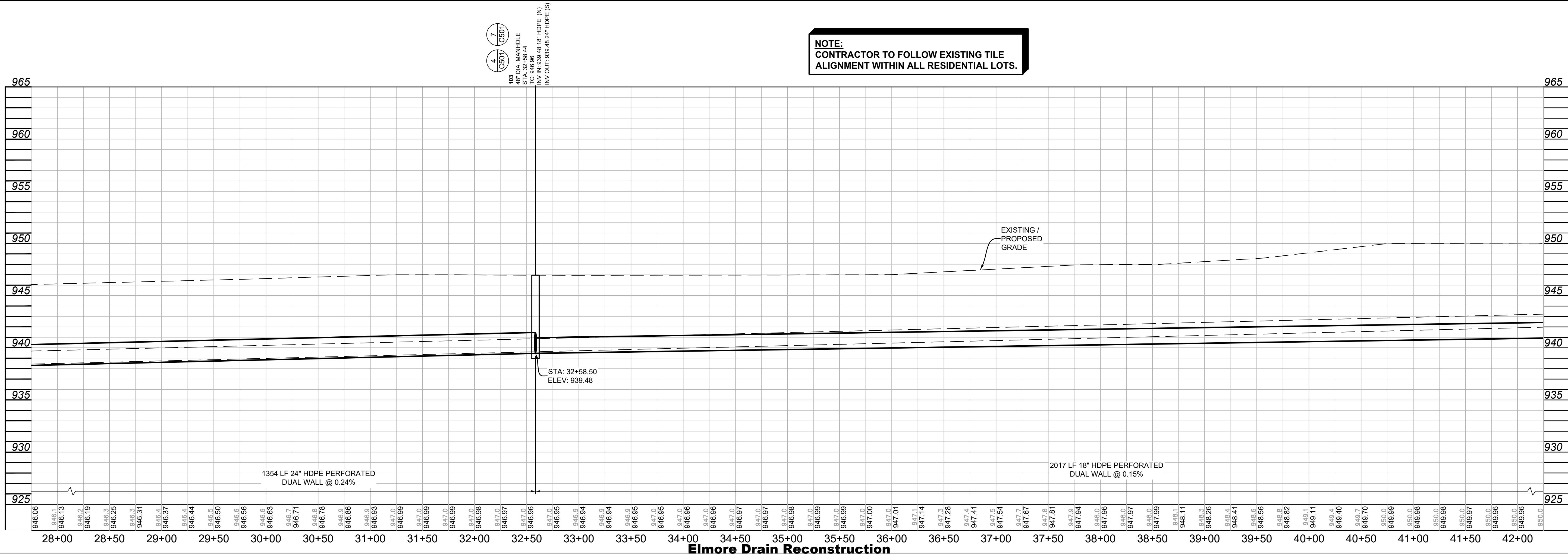


NOTE:
1. ALL DISTURBED AREAS TO BE SEEDED EXCLUDING AGRICULTURAL FIELDS.
2. SEE SHEET C102 FOR LEGEND.



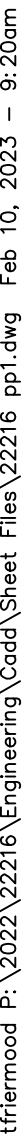
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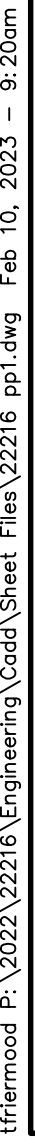
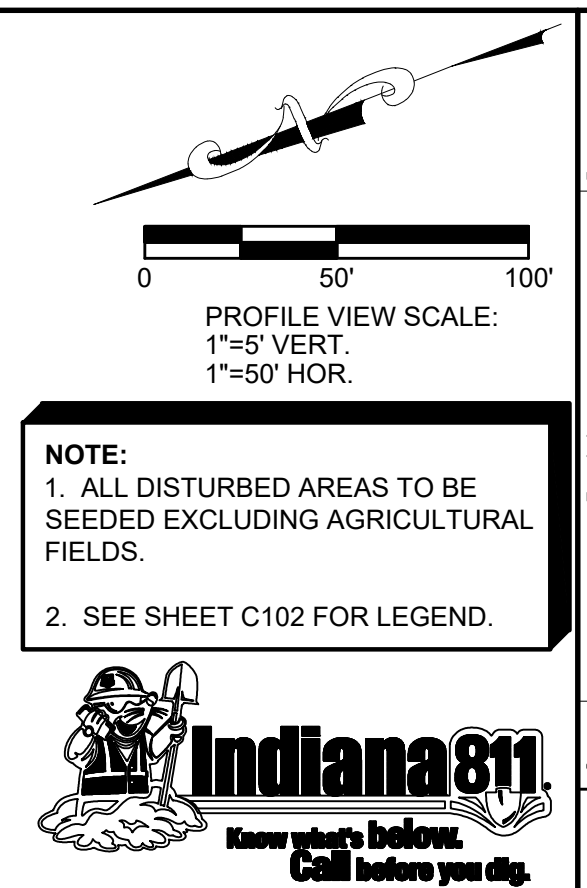
PLAN AND PROFILE STA. 28+00 TO 42+00
ELMORE DRAIN RECONSTRUCTION
EEL RIVER TOWNSHIP
NORTH SALEM, INDIANA



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Project No: 22216
Sheet No:





7/2-10-23

JOSEPH L. MILLER
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No.
PE10403481
STATE OF
INDIANA
PROFESSIONAL ENGINEER

John L. Miller

BANNING
ENGINEERING

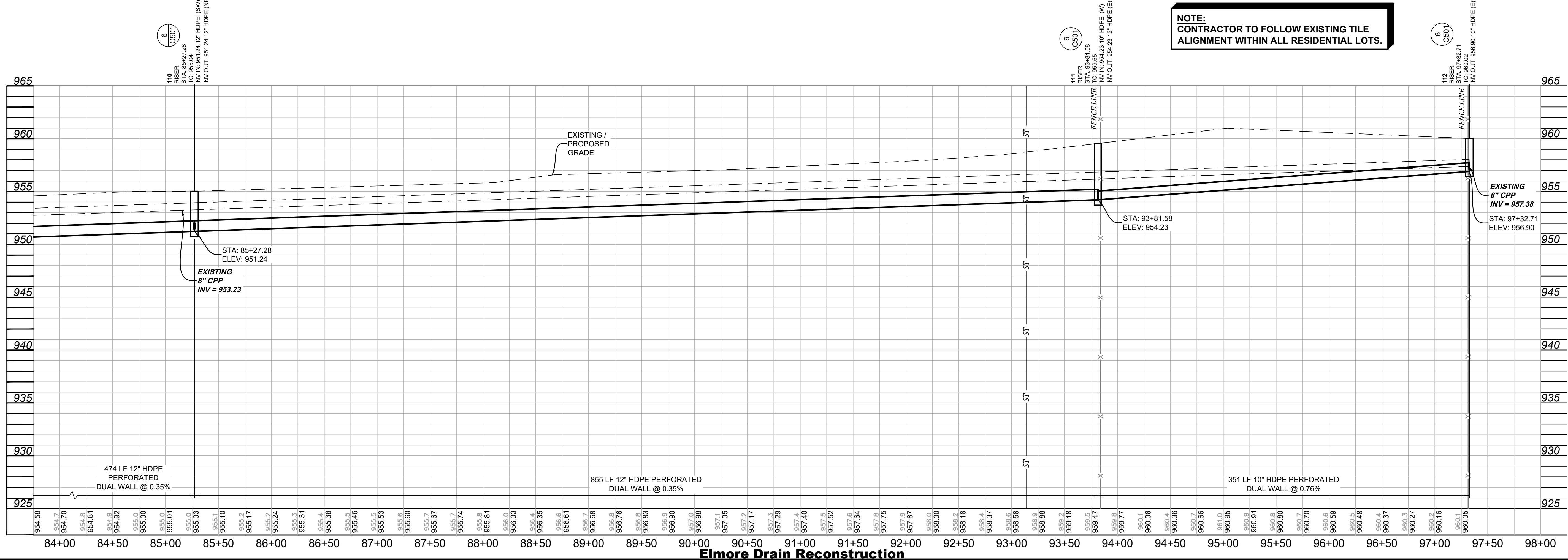
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C107

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Project No: 22216

Sheet No: C108

JOSEPH L. MILLER

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PLAN AND PROFILE STA. 84+00 TO 97+32.71

ELMORE DRAIN RECONSTRUCTION

EEL RIVER TOWNSHIP

NORTH SALEM, INDIANA

Revisions

Date

Designated

Drawn

Checked

Scale

Date

Sym.

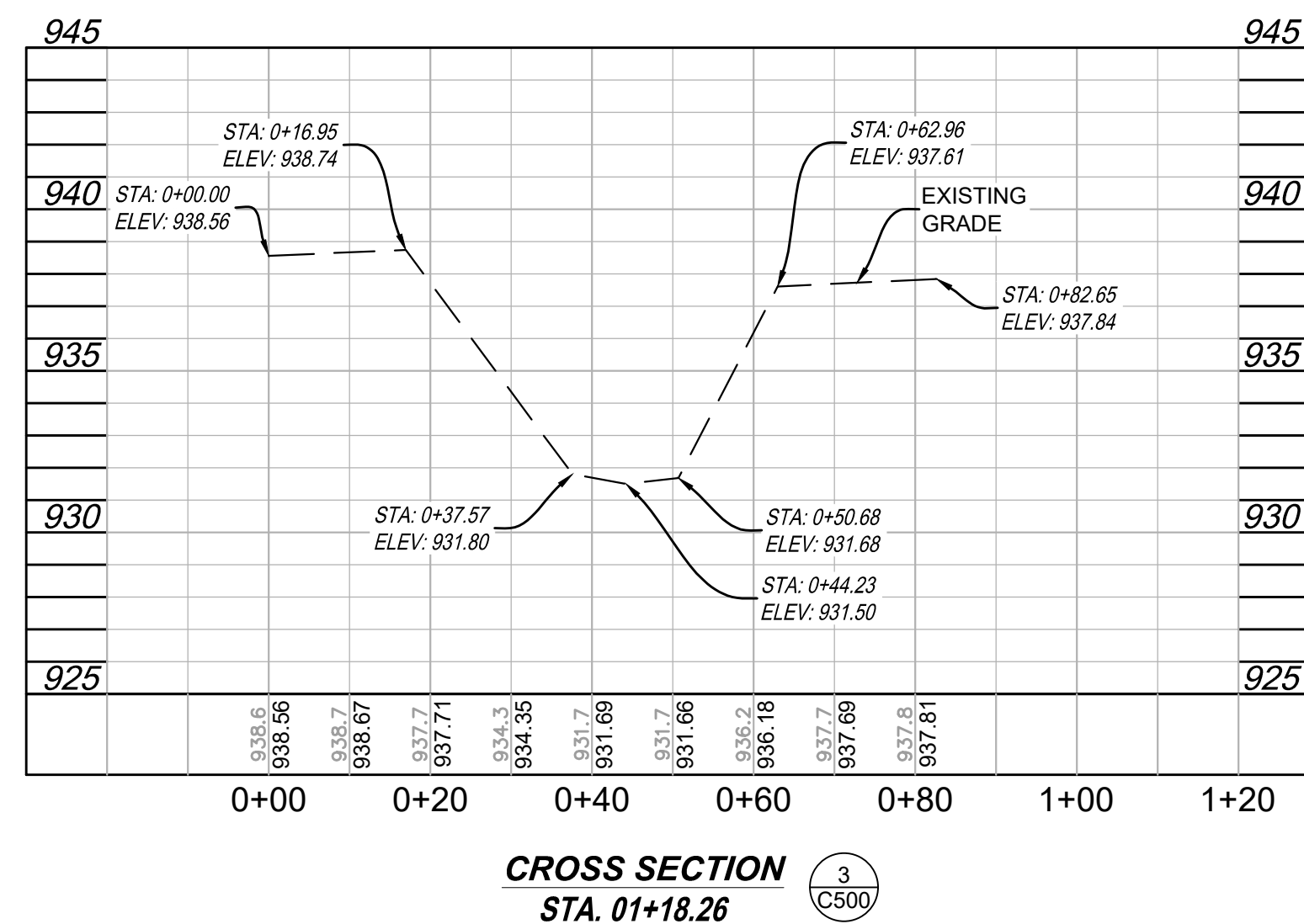
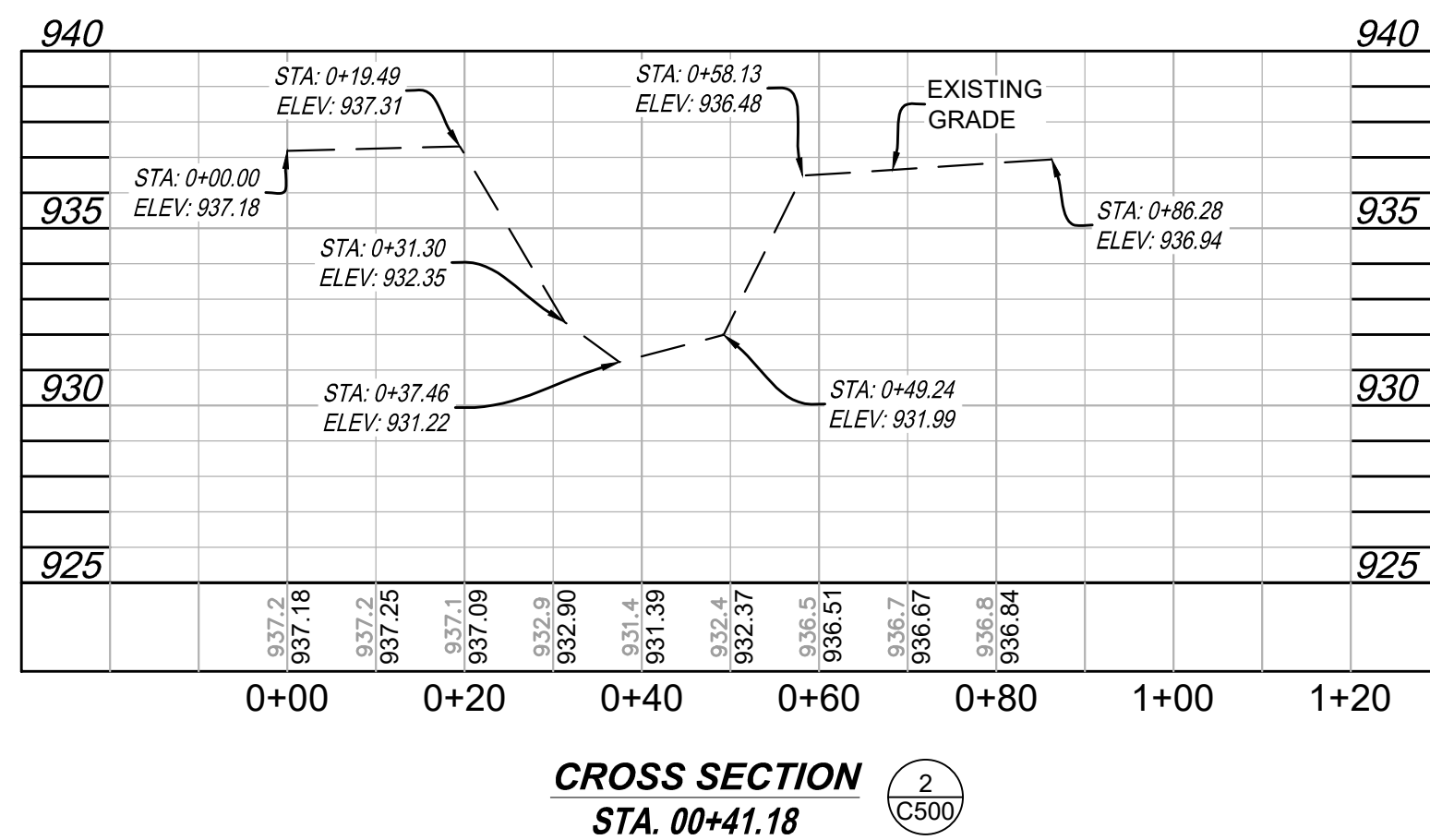
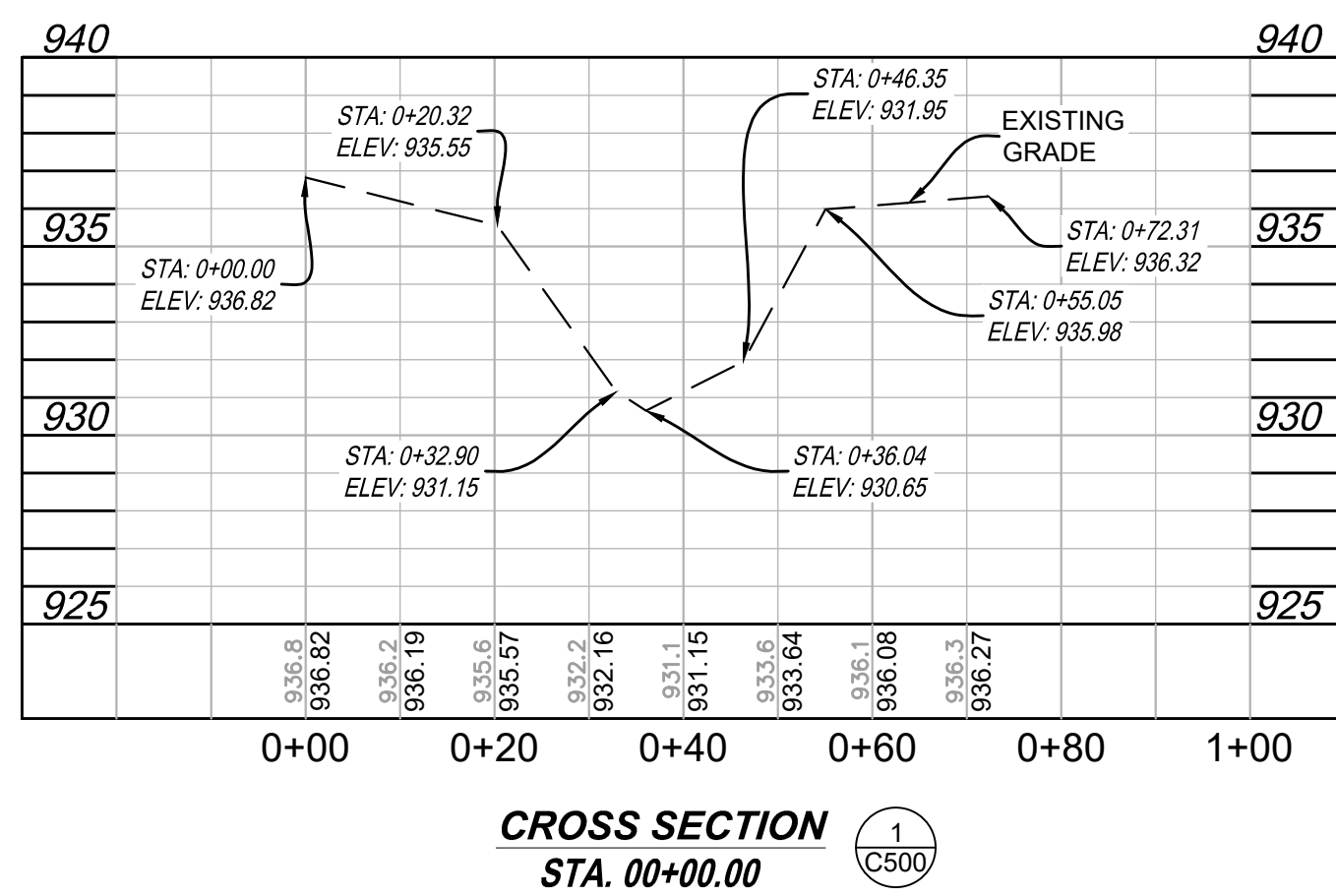
JLM

TMF

JLM

1" = 50'

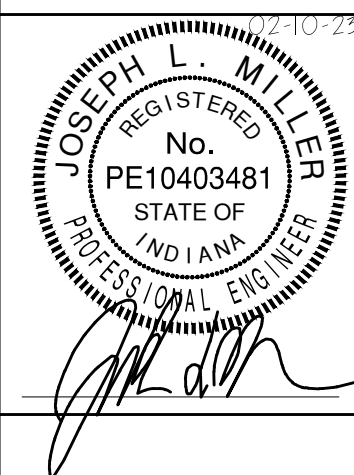
02-10-23



PROFILE VIEW SCALE:
1"=5' VERT.
1"=50' HOR.

Designed:	Sym.	Revisions	Date
Drawn: JLM			
Drawn: TMF			
Checked:			
Scale: JLM			
1" = 50'			
Date:			
02-10-23			

CROSS SECTIONS
ELMORE DRAIN RECONSTRUCTION
EEL RIVER TOWNSHIP
NORTH SALEM, INDIANA

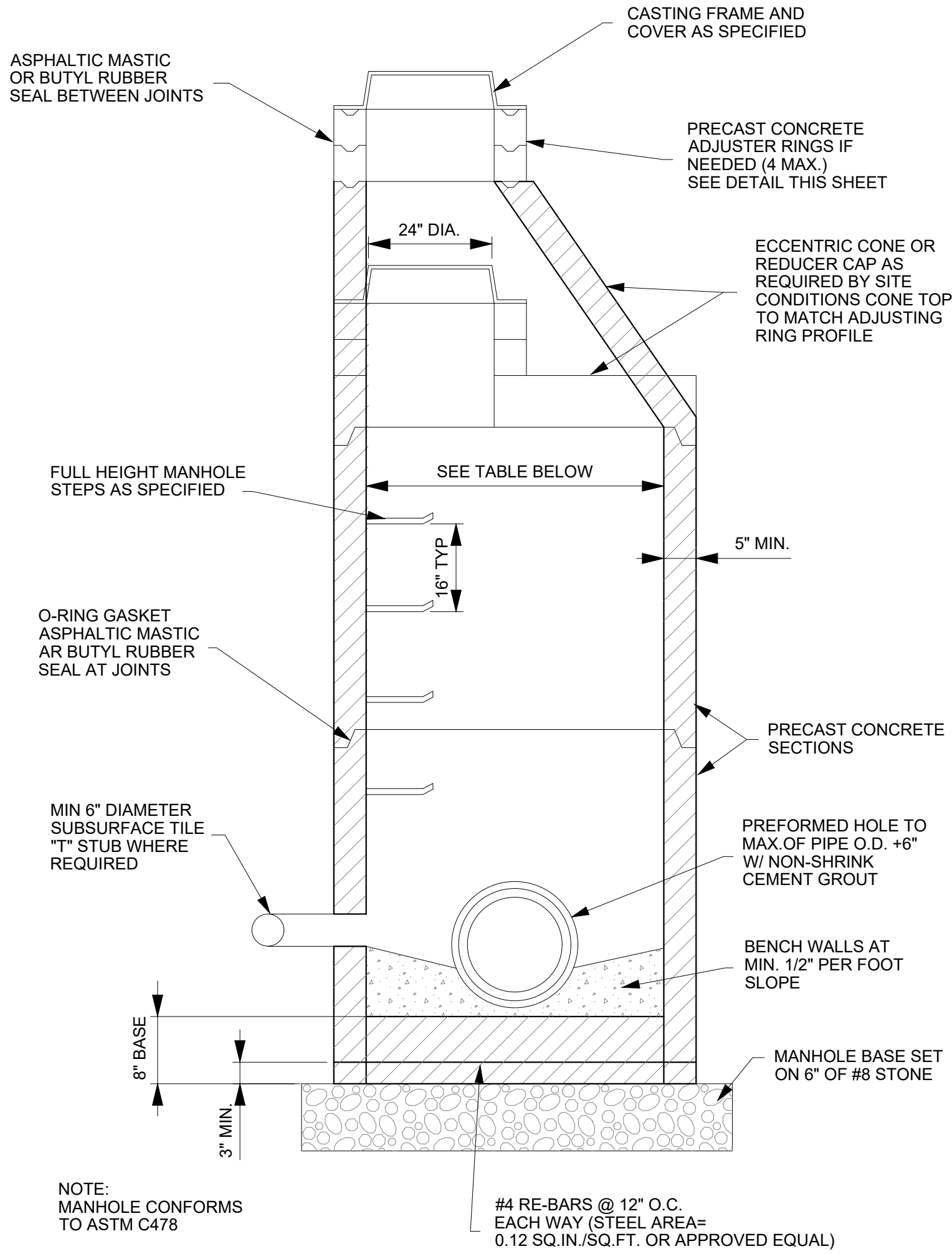


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Project No:	22216
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C500

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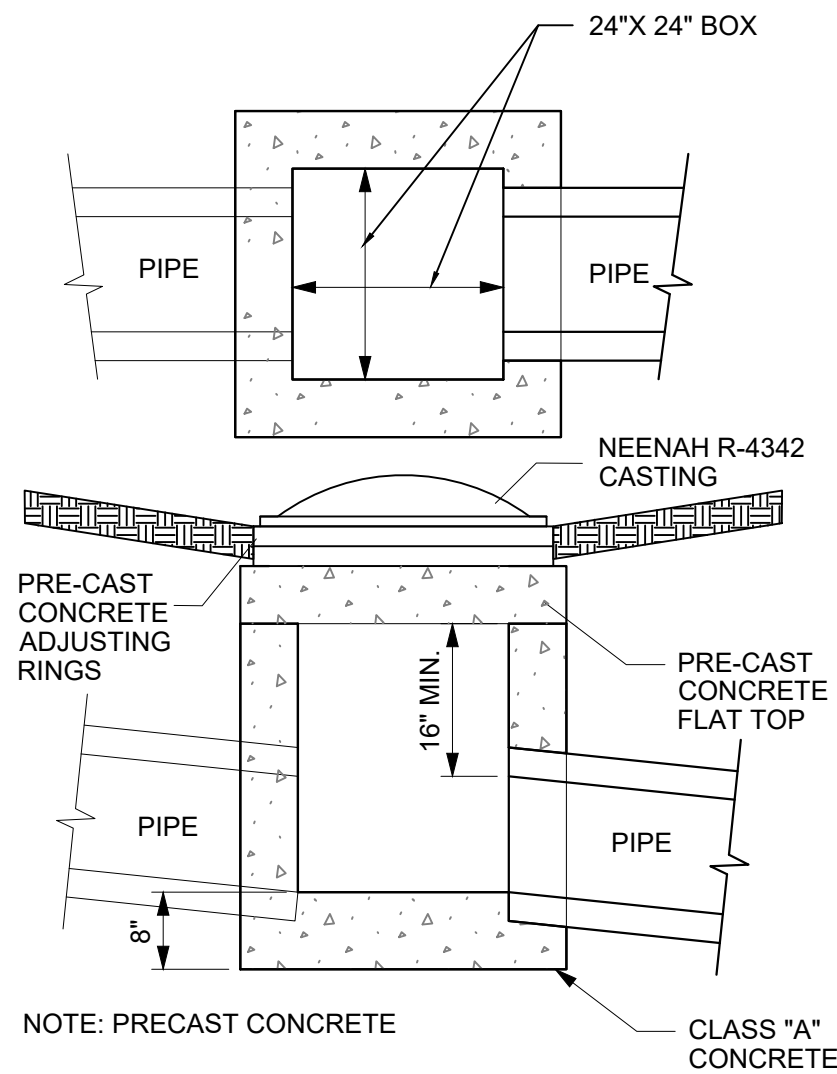
STORM MANHOLE

NO SCALE

7
C501

TABLE 404-2

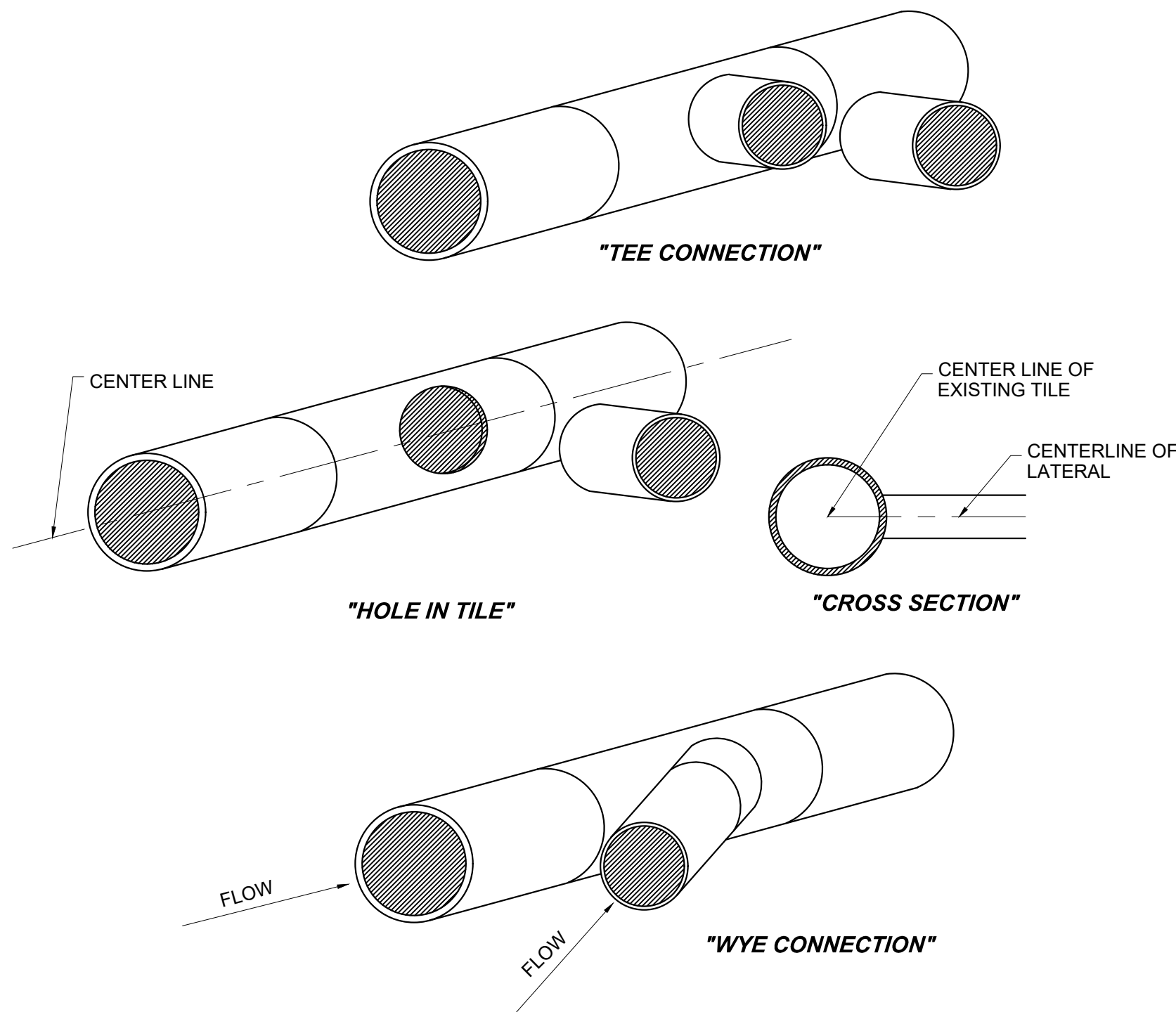
PIPE SIZE	PIPES ENTERING OR LEAVING AT A 0-45 DEGREE ANGLE	PIPES ENTERING OR LEAVING AT A 46-90 DEGREE ANGLE
12" - 21"	48" DIA.	48" DIA.
24"	48" DIA.	60" DIA.
27" - 30"	60" DIA.	60" DIA.
33" - 36"	60" DIA.	72" DIA.



INLET WITH BEEHIVE CASTING (NEENAH R-4342 CASTING)

NO SCALE

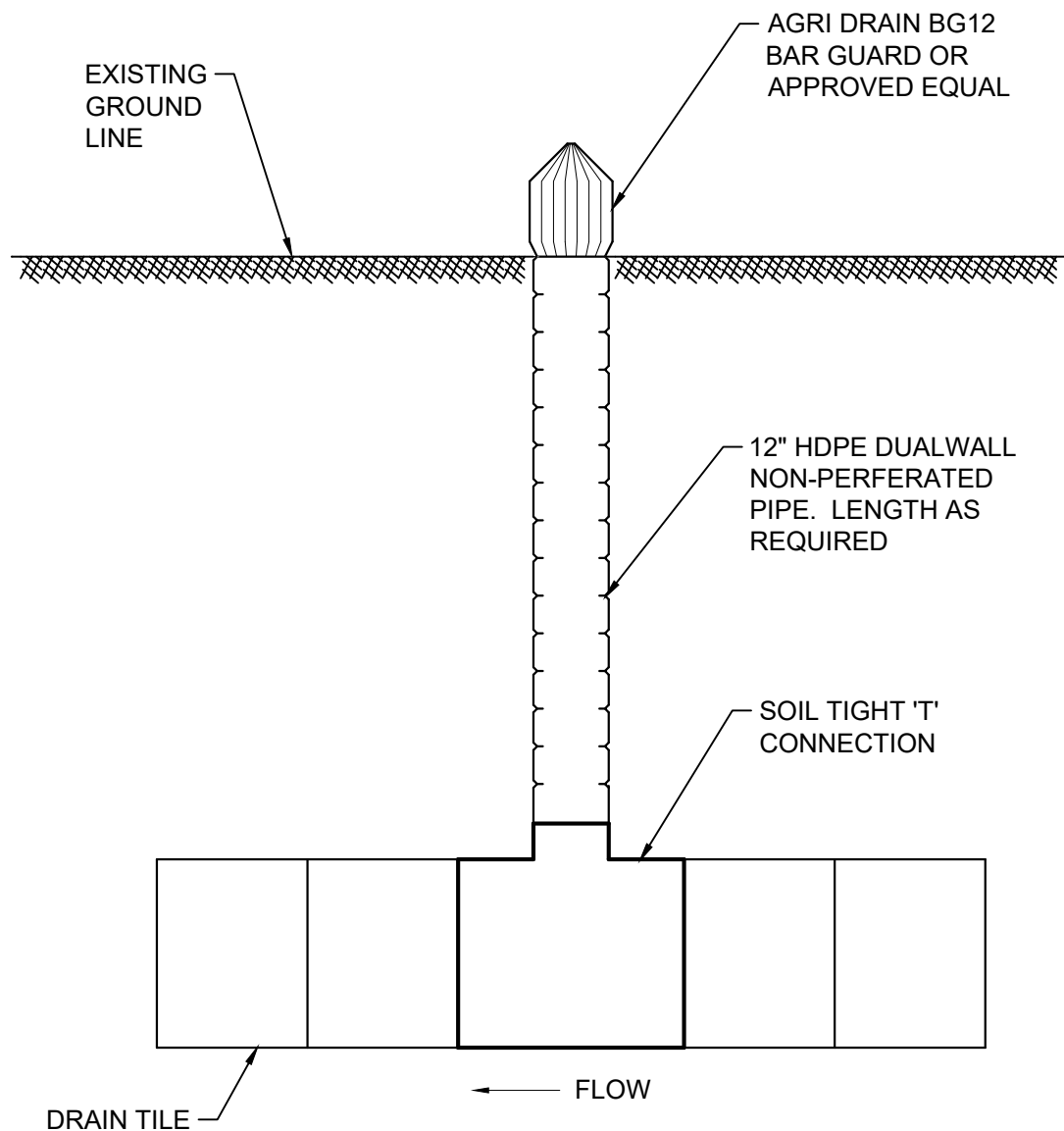
8
C501



TILE CONNECTION

NO SCALE

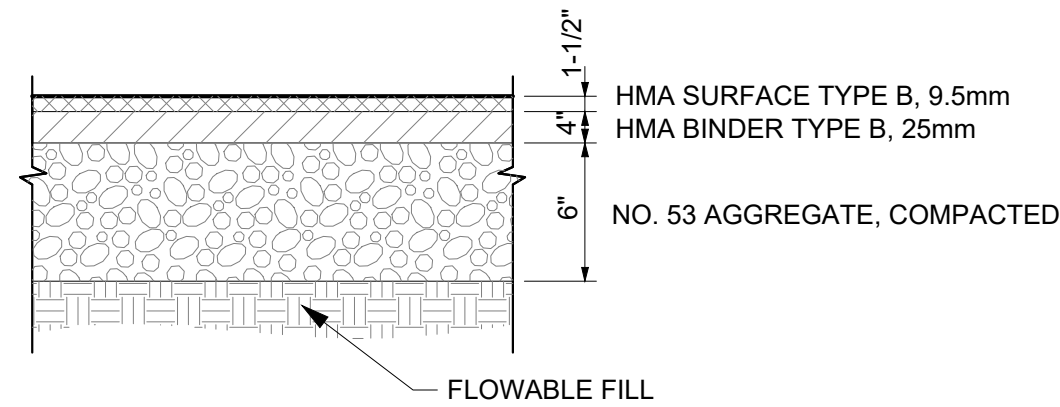
5
C501



RISER DETAIL

NO SCALE

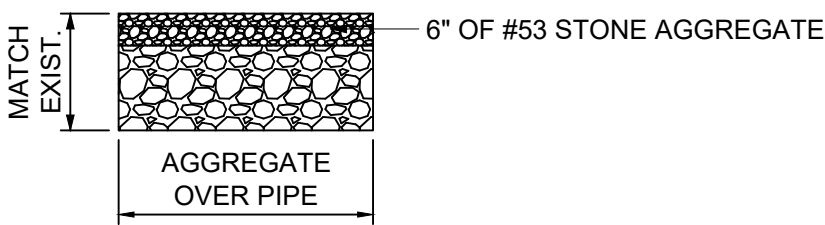
6
C501



ROADWAY REPAIR DETAIL

NO SCALE

2
C501



REPAIR OF STONE DRIVEWAY CUTS

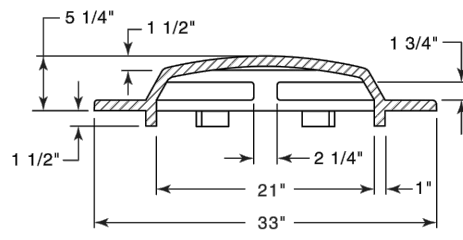
NO SCALE

3
C501

R-4342 Ditch Grate, Stool Type

Light Duty

CATALOG NUMBER	GRATE TYPE	SO. FT. OPEN	WEIR PERIMETER LINEAL FEET
R-582	Rebar	2.0	6.0



NEENAH R-4342

NO SCALE

4
C501

Stabilization Practice	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Permanent Seeding			A			*//////*			*//			
Dormant Seeding	B										B	
Temporary Seeding			C			E			D			
Sodding						F**		*//////*				
Mulching	G											

A = Kentucky Bluegrass 40 lbs/acre; or 40 lbs. tall Fescue; plus 2 tons straw mulch/acre or add Annual Ryegrass 20 lbs/acre.

B = Kentucky Bluegrass 60 lbs/acre; or 40 lbs. tall Fescue; plus 2 tons straw mulch/acre or add Annual Ryegrass 30 lbs/acre.

C = Spring Oats 100 lbs./acre

D = Wheat or Rye 150 lbs./acre.

E = Annual Ryegrass 40 lbs/acre. (1 lb./1000 sq. ft.)

F = Sod

G = Straw Mulch 2 tons/acre.

//I Irrigation needed during June, July, and/or September.

** Irrigation needed for 2 to 3 weeks after applying sod.

Lime and fertilize to site specific soils tests or apply fertilizer at a rate of 1000 lbs. per acre or 12-12-12 or equivalent.

All swales shall be seeded with 2 lbs. Adelphi bluegrass and 2 lbs. Perennial Derby rye, or equivalent per 1000 square feet. mulch with one bale of straw per 1000 square feet. Fertilize with 5 lbs. of 20-5-5 per 1000 square feet unless specified otherwise.

MAINTENANCE
Inspect weekly and after each 1/2" rainfall event, until the stand is successfully established. (Characteristics of a successful stand include: vigorous dark green or bluish-green seedlings; uniform density with nurse plants, legumes, and grasses well inter-mixed; green leaves; and the perennials remaining green throughout the summer, at least at the plant base.)

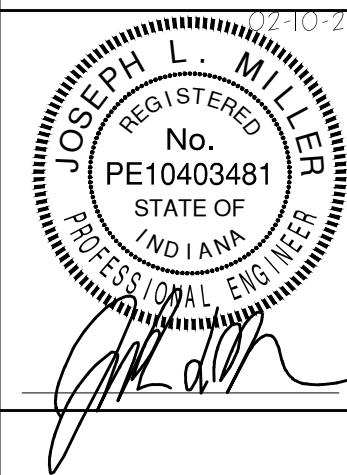
Plan to add fertilizer the following growing season according to soil test recommendations.

Repair damaged, bare, or sparse areas by filling any gullies, re-fertilizing, over- or re-seeding, and mulching.
If plant cover is sparse or patchy, review the plant materials chosen, soil fertility, moisture condition, and mulching; then repair the affected area either by over-seeding or by re-seeding and mulching after re-preparing the seedbed.

If vegetation fails to grow, consider soil testing to determine acidity or nutrient deficiency problems. (Contact your SWCD or Cooperative Extension office for assistance.)

If additional fertilization is needed to get a satisfactory stand, do so according to the soil test recommendations.

MISCELLANEOUS DETAILS
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