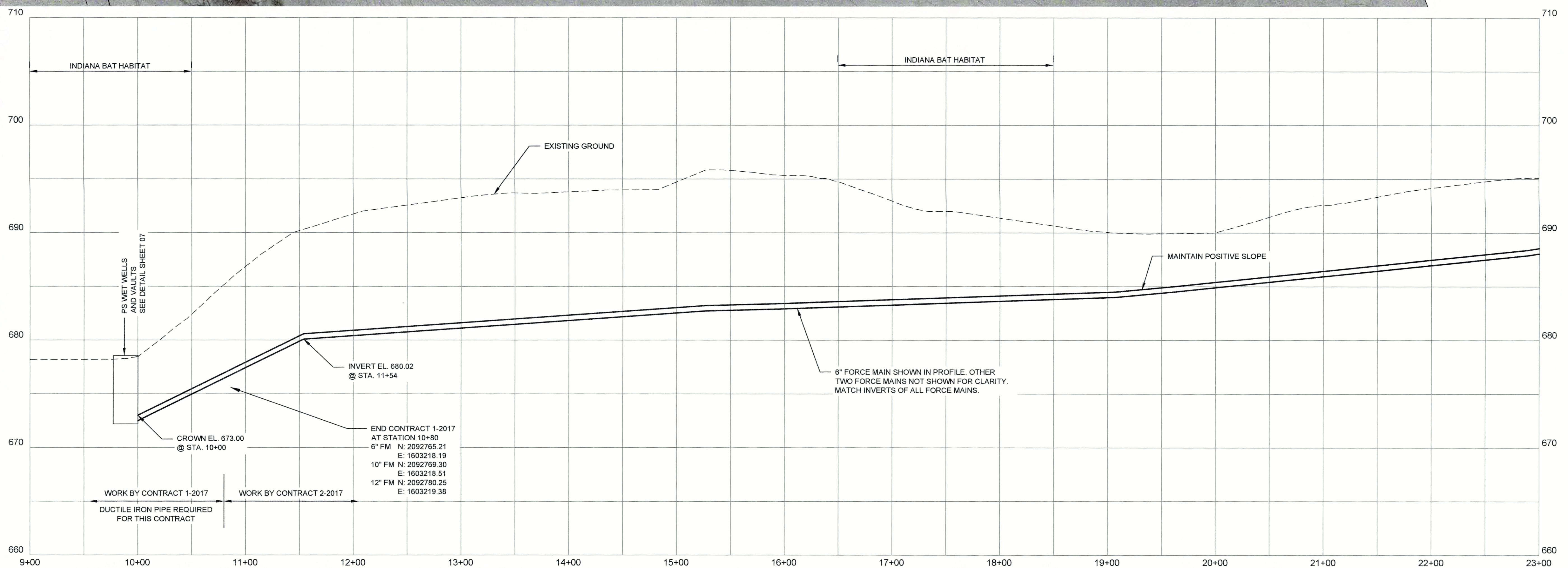


DATE:

REVISIONS:

NO.:



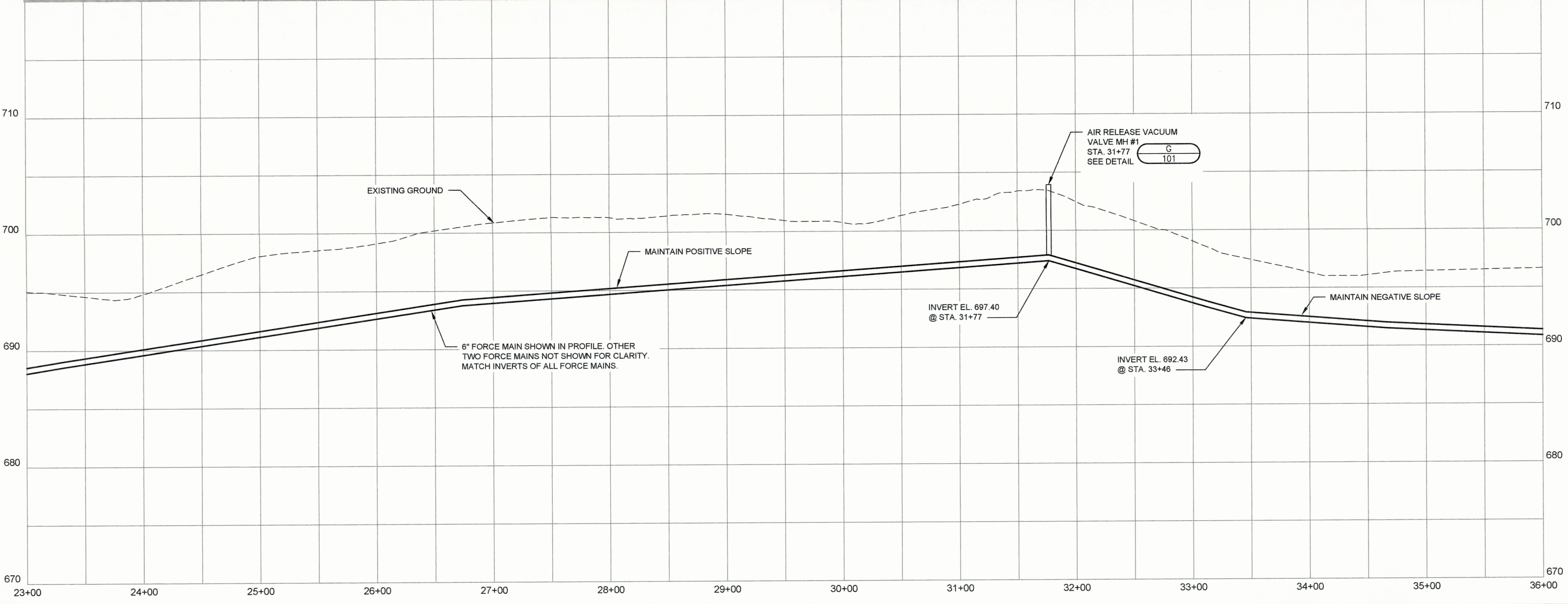
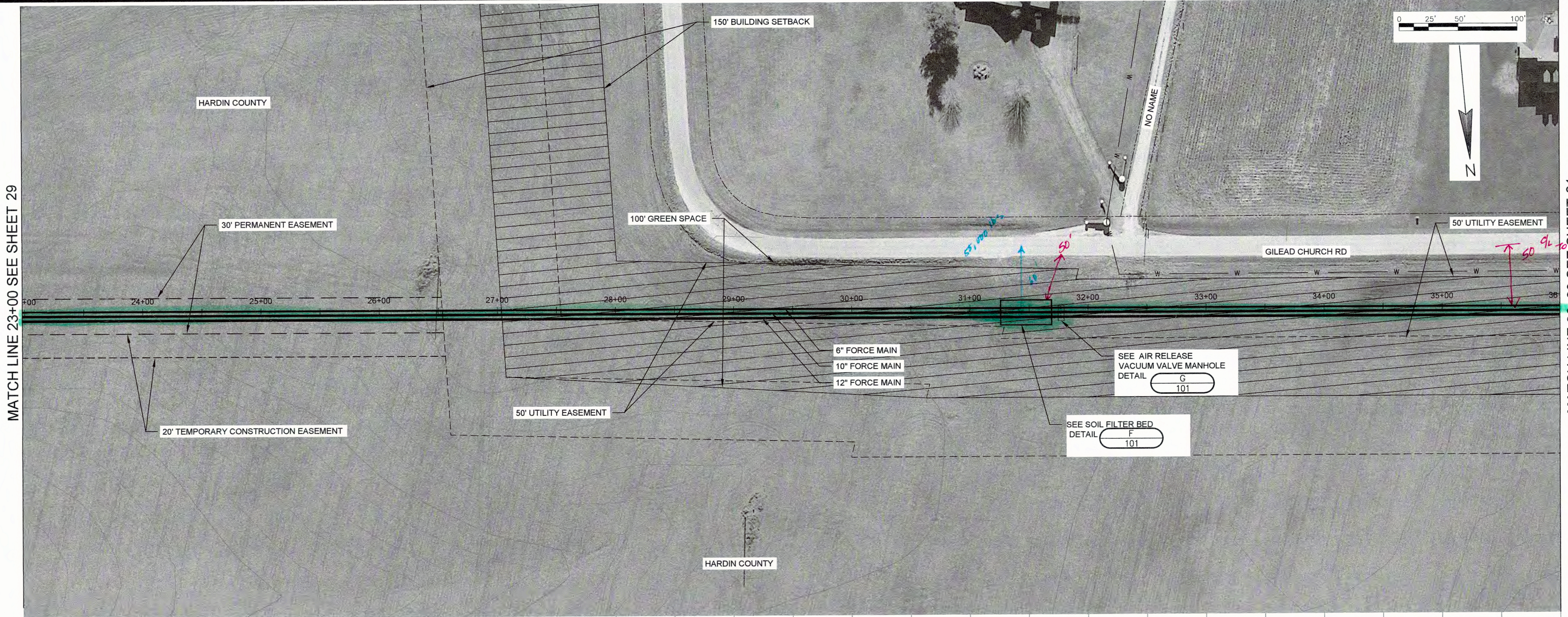
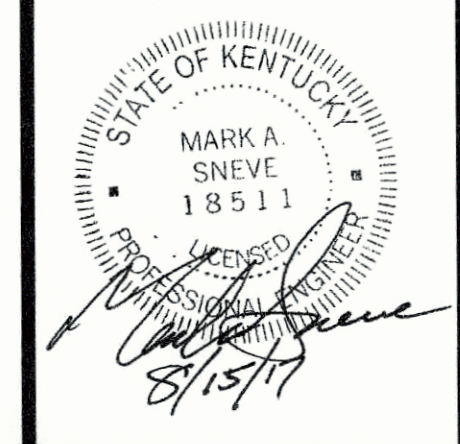
INDUSTRIAL PARK PUMP STATION NO. 1
FORCE MAINS STA. 10+00 TO STA. 23+00
CONTRACT 2-2017

NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020

PROJECT MGR.
MAS

SHEET
29



MATCH LINE 23+00 SEE SHEET 29

MATCH LINE 36+00 SEE SHEET 31

NO.	REVISIONS	DATE:

INDUSTRIAL PARK PUMP STATION NO. 1
FORCE MAINS STA. 23+00 TO STA. 36+00
CONTRACT 2-2017

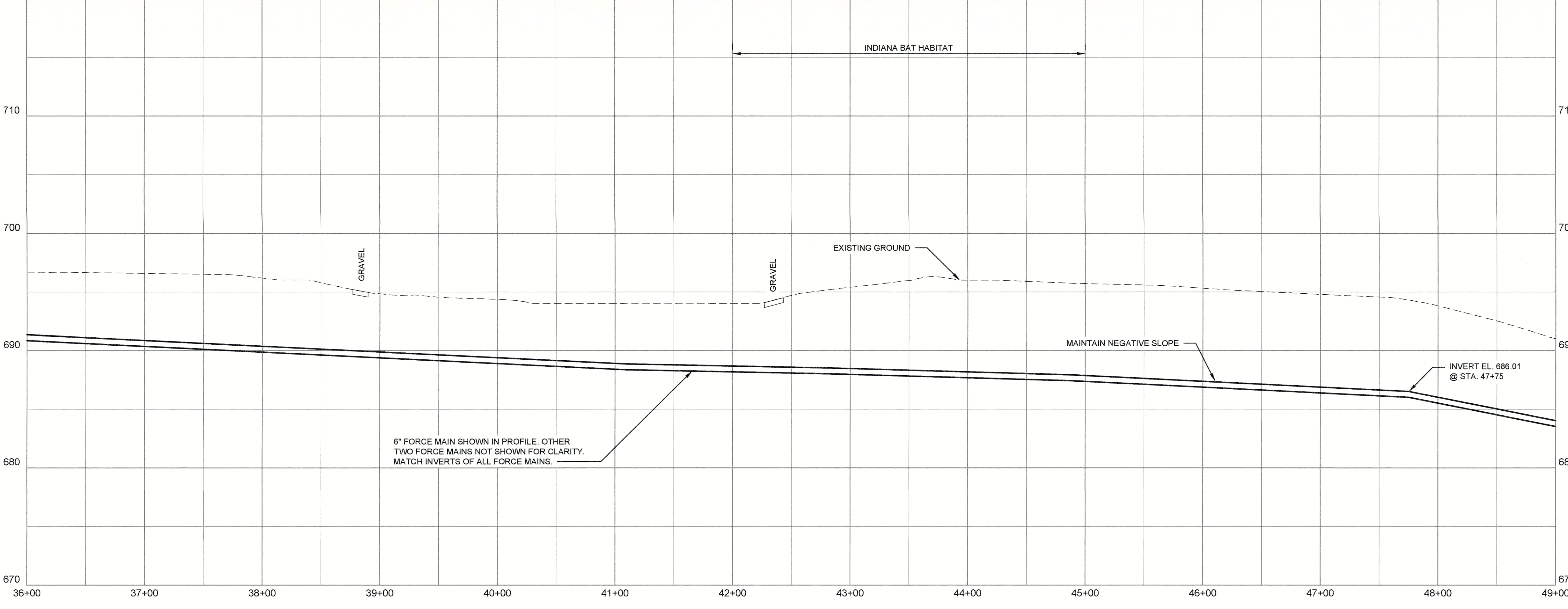
NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020

PROJECT MGR.
MAS



SHEET
30



MATCH LINE 36+00 SEE SHEET 30

MATCH LINE 49+00 SEE SHEET 32



NO.	REVISIONS	DATE:

INDUSTRIAL PARK PUMP STATION NO. 1
FORCE MAINS STA. 36+00 TO 49+00
CONTRACT 2-2017

NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020

PROJECT MGR.
MAS



SHEET
31

0 25' 50' 100'

SEE EASEMENT FOR SPECIAL CONSTRUCTION REQUIREMENT ON THIS PROPERTY

JOHN & CATHY BROWN

NORMA HOWLETT

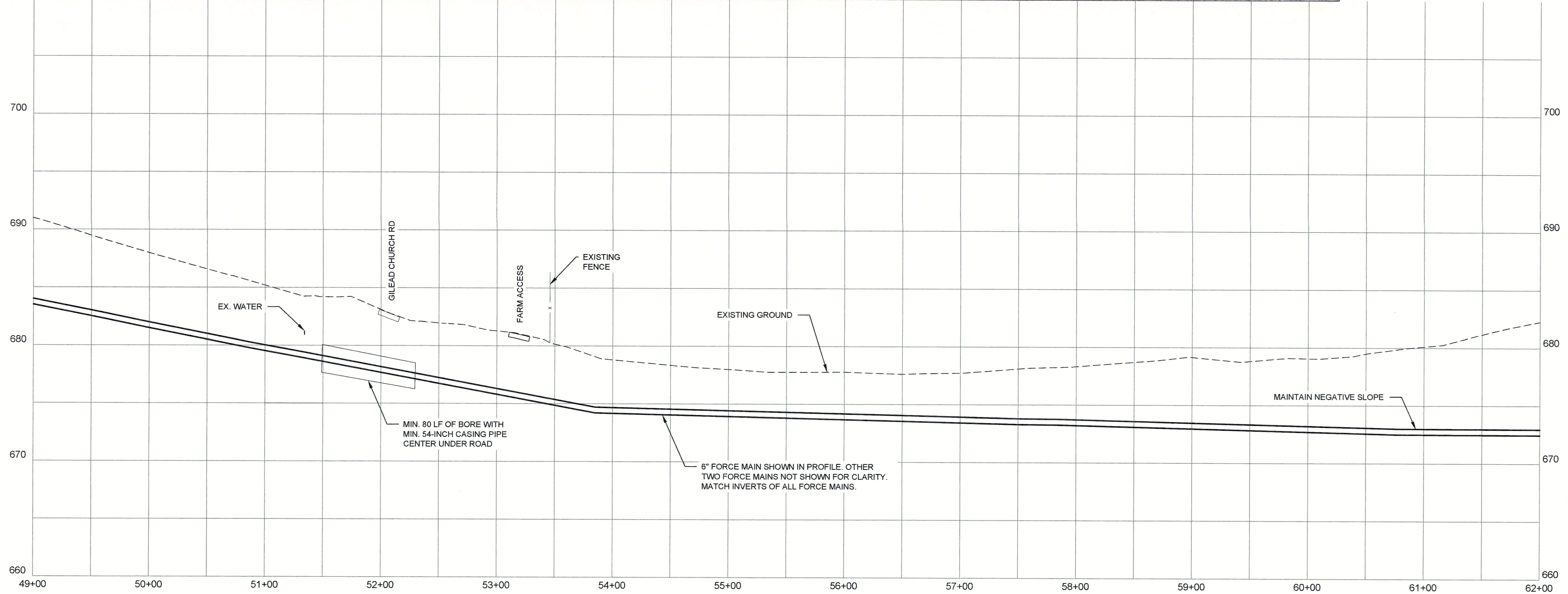
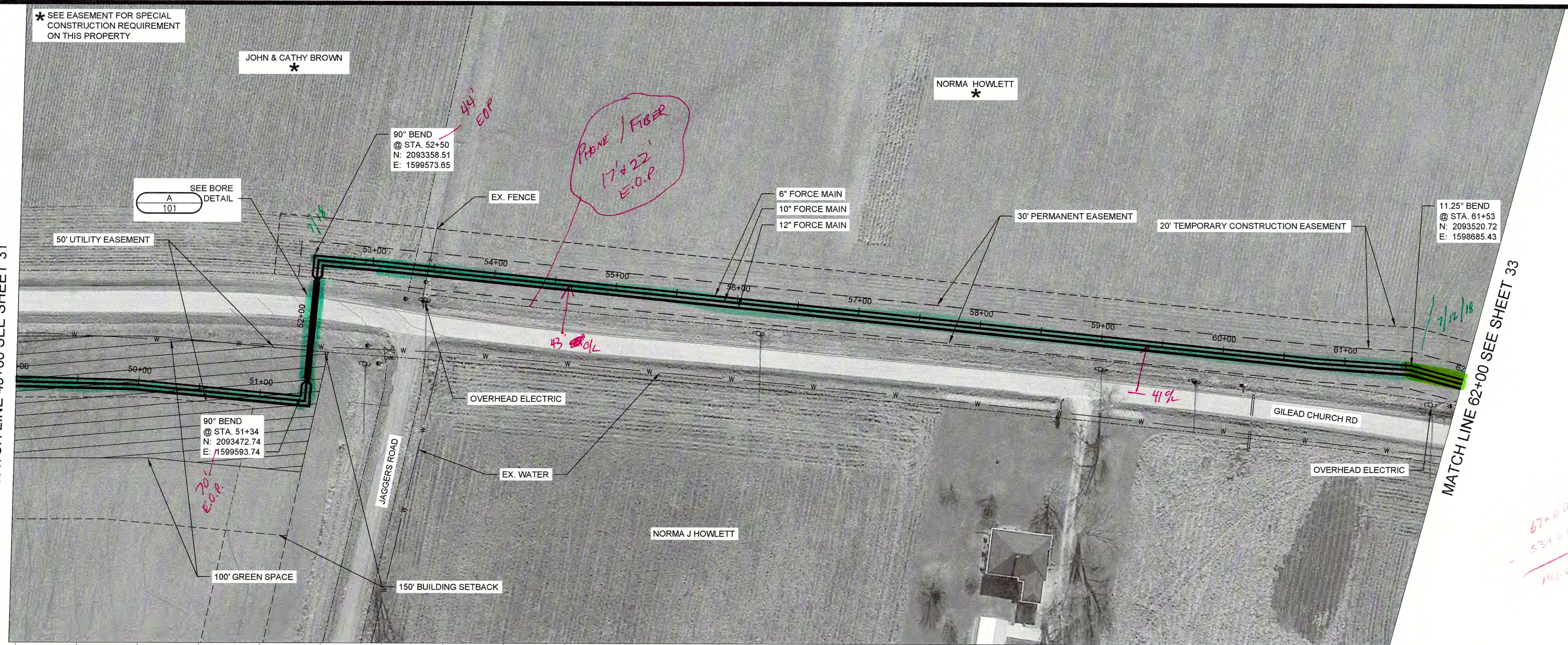
90° BEND @ STA. 52+50 N: 2093358.51 E: 1599573.65

11.25° BEND @ STA. 61+53 N: 2093520.72 E: 1598685.43

90° BEND @ STA. 51+34 N: 2093472.74 E: 1599593.74

MATCH LINE 49+00 SEE SHEET 31

MATCH LINE 62+00 SEE SHEET 33



NO.	REVISIONS	DATE:

INDUSTRIAL PARK PUMP STATION NO. 1
FORCE MAINS STA. 49+00 TO 62+00
CONTRACT 2-2017

NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

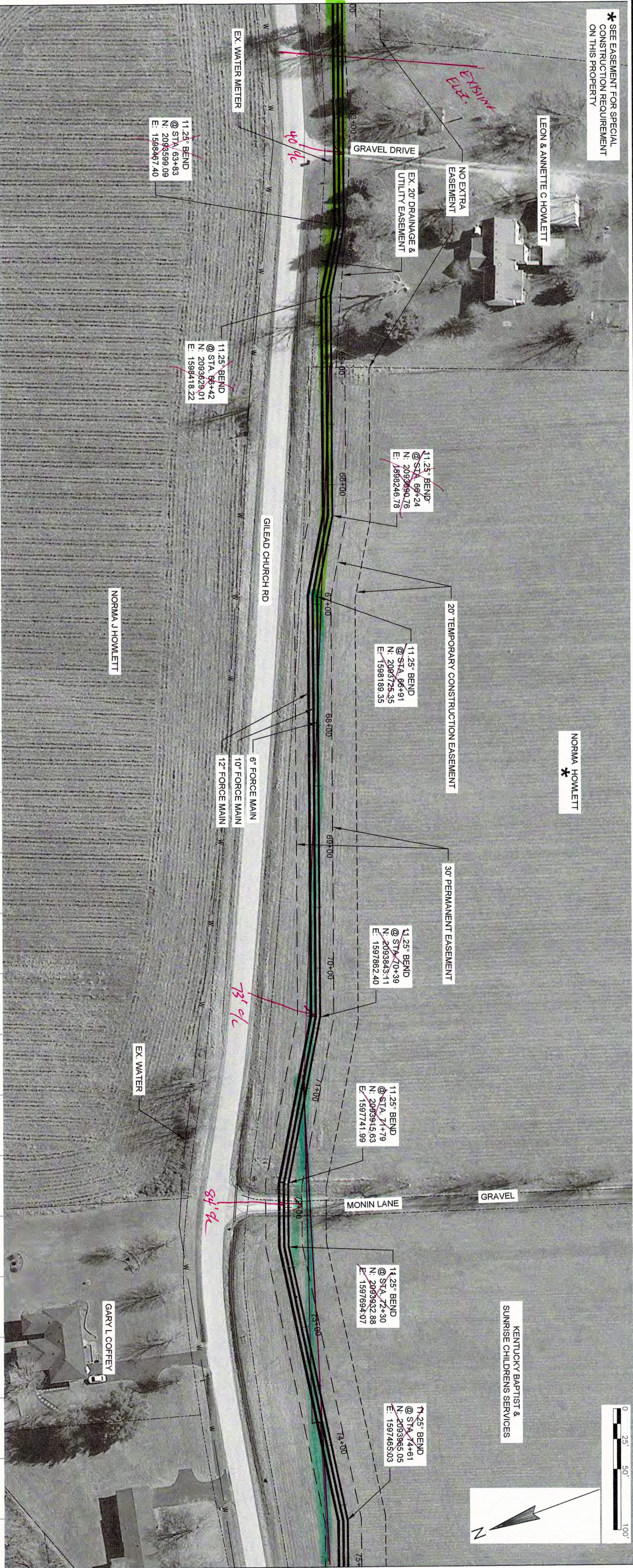
JOB NO.
5980.020

PROJECT MGR.
MAS



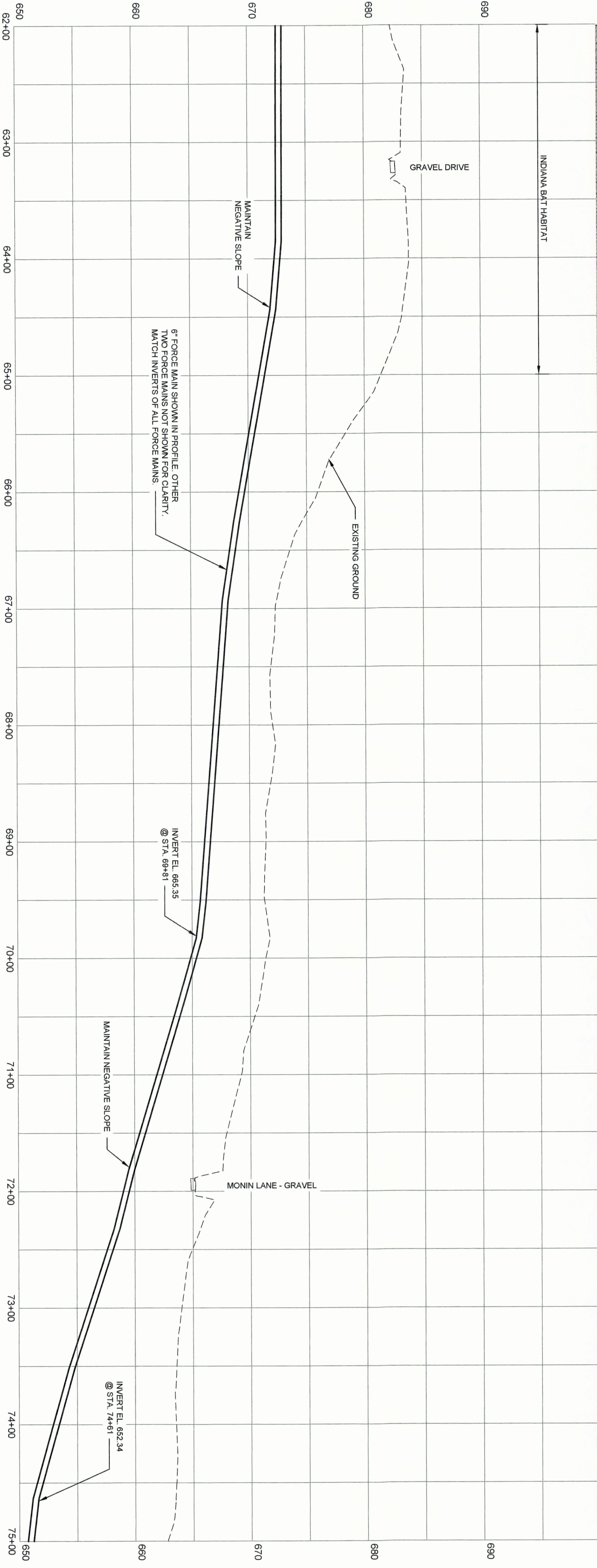
SHEET
32

SEE EASEMENT FOR SPECIAL CONSTRUCTION REQUIREMENT ON THIS PROPERTY



MATCH LINE 62+00 SEE SHEET 32

MATCH LINE 75+00 SEE SHEET 34



6\"/>

INVERT EL. 665.35 @ STA. 69+81

MAINTAIN NEGATIVE SLOPE

INVERT EL. 652.34 @ STA. 74+81

File: S:\100\5900--5999\5980\018\Civil\5980\018_Sheets\33 - 6IN IND F.M.dwg Time: Aug 15, 2017 - 10:49am

NO.	REVISIONS	DATE:



INDUSTRIAL PARK PUMP STATION NO. 1
FORCE MAINS STA. 62+00 TO STA. 75+00
CONTRACT 2-2017

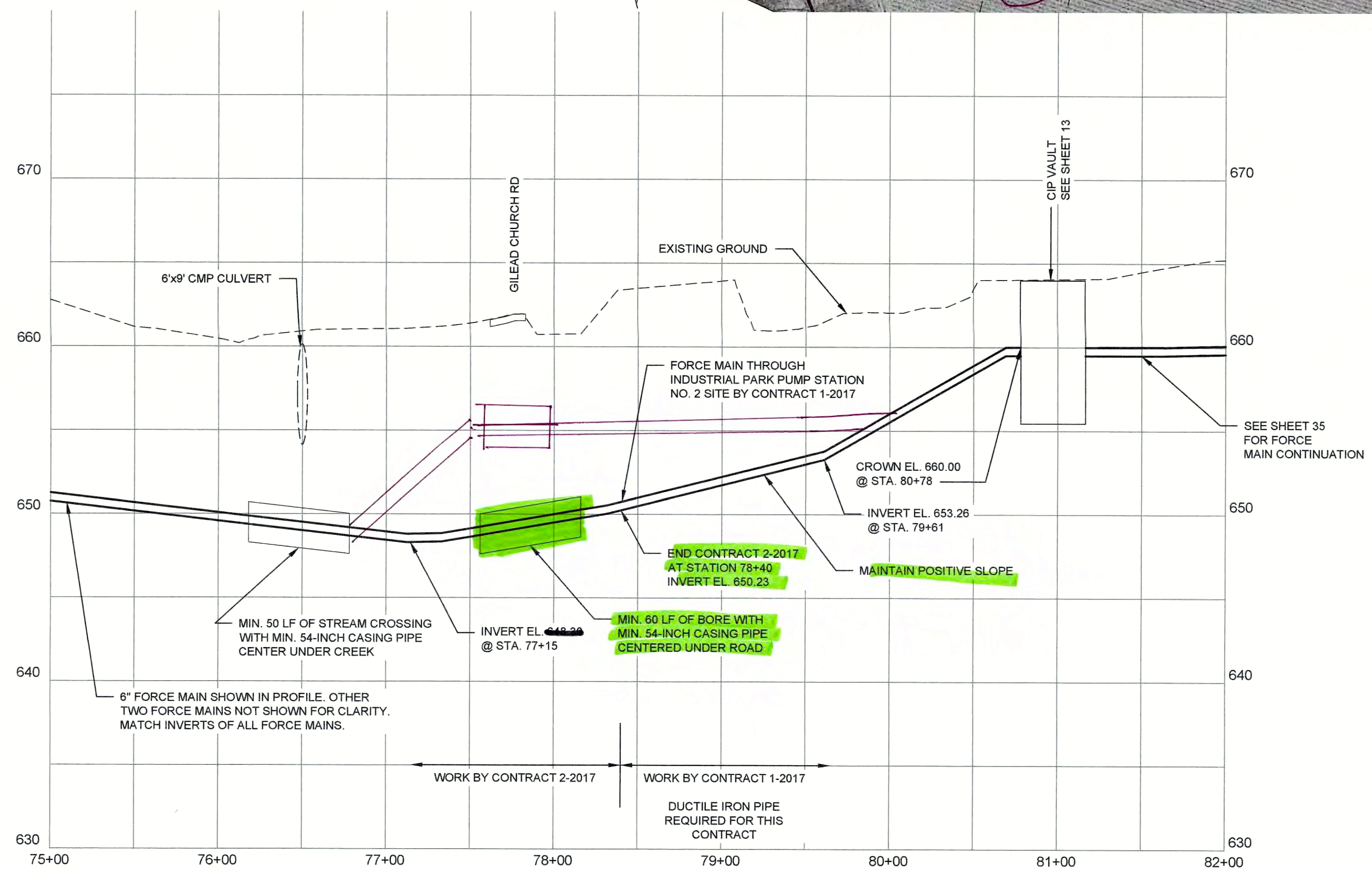
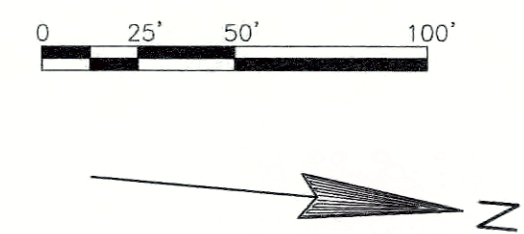
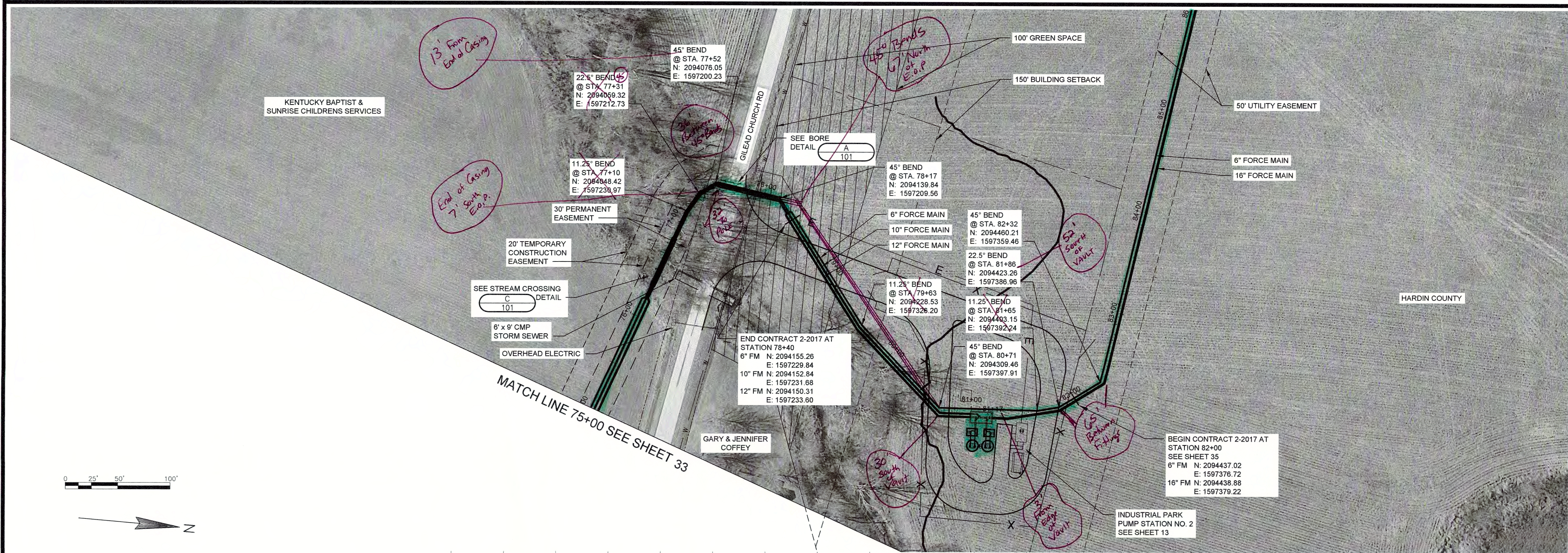
NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
HARDIN COUNTY WATER DISTRICT NO. 2
HARDIN COUNTY, KENTUCKY

STRAND ASSOCIATES

SHEET 33

JOB NO.
5980.020

PROJECT MGR.
MAS



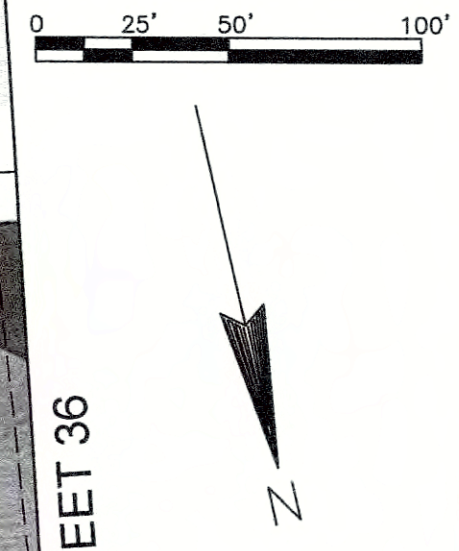
DATE:	REVISIONS	NO.

INDUSTRIAL PARK PUMP STATION NO. 1
FORCE MAINS STA. 75+00 TO STA. 81+17
CONTRACT AND 2-2017
 NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

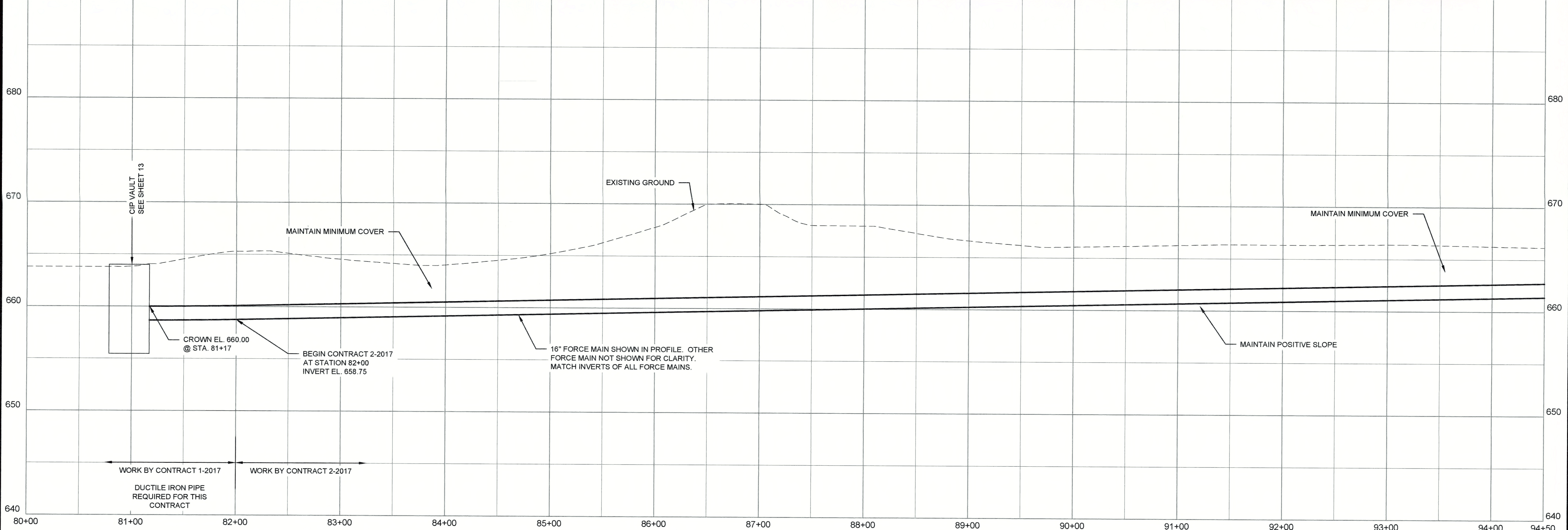
JOB NO.
 5980.020
PROJECT MGR.
 MAS



SHEET
34



NO.	REVISIONS	DATE:

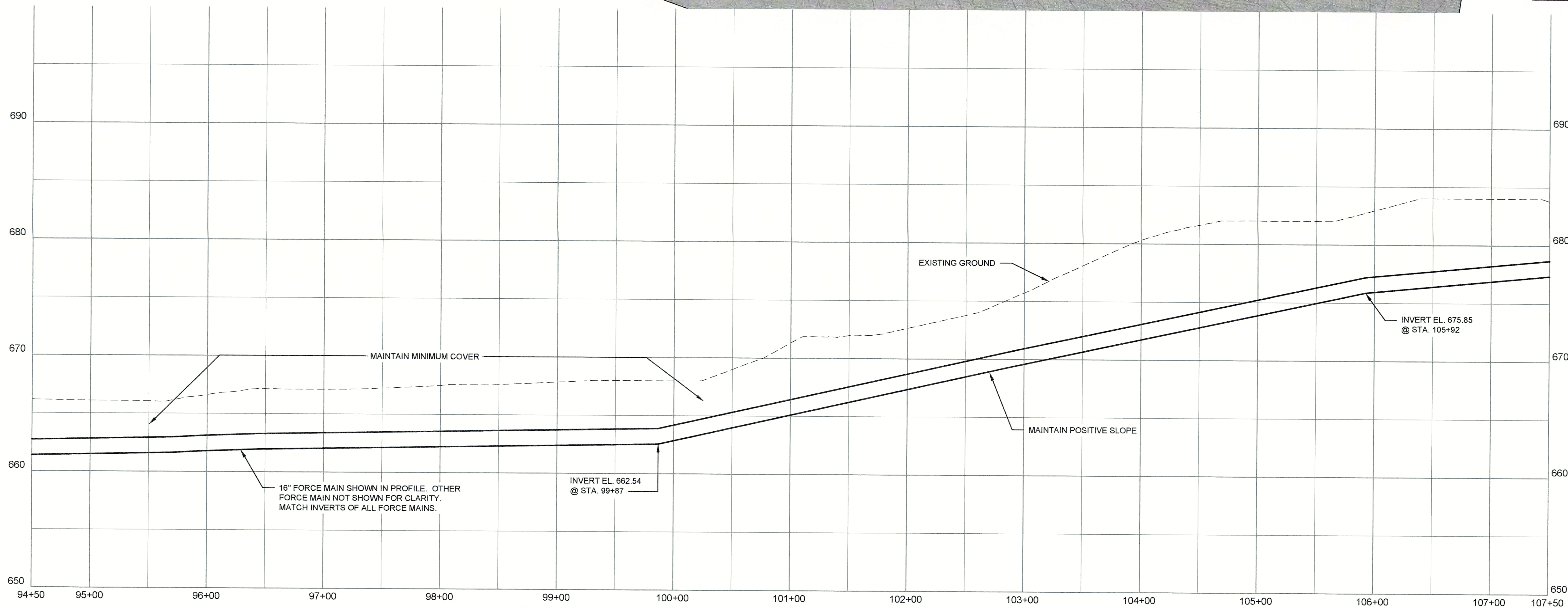
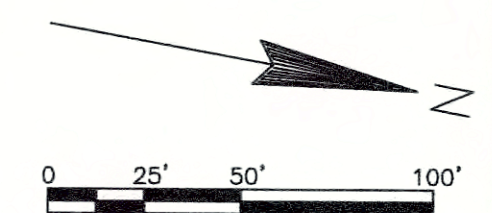


INDUSTRIAL PARK PUMP STATIONS NO. 1 AND NO. 2
FORCE MAINS STA. 81+17 TO STA. 94+50
CONTRACT 2-2017
 NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

JOB NO.
 5980.020
PROJECT MGR.
 MAS



SHEET
35



STATE OF KENTUCKY
 MARK A. SNEVE
 18511
 8/15/17

NO.	REVISIONS	DATE:

INDUSTRIAL PARK PUMP STATIONS NO. 1 AND NO. 2
FORCE MAINS STA. 94+50 TO STA. 107+50
CONTRACT 2-2017
 NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

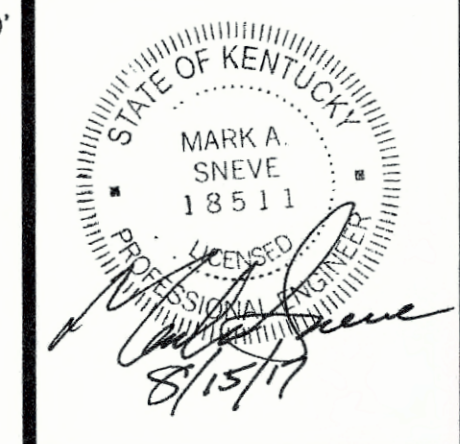
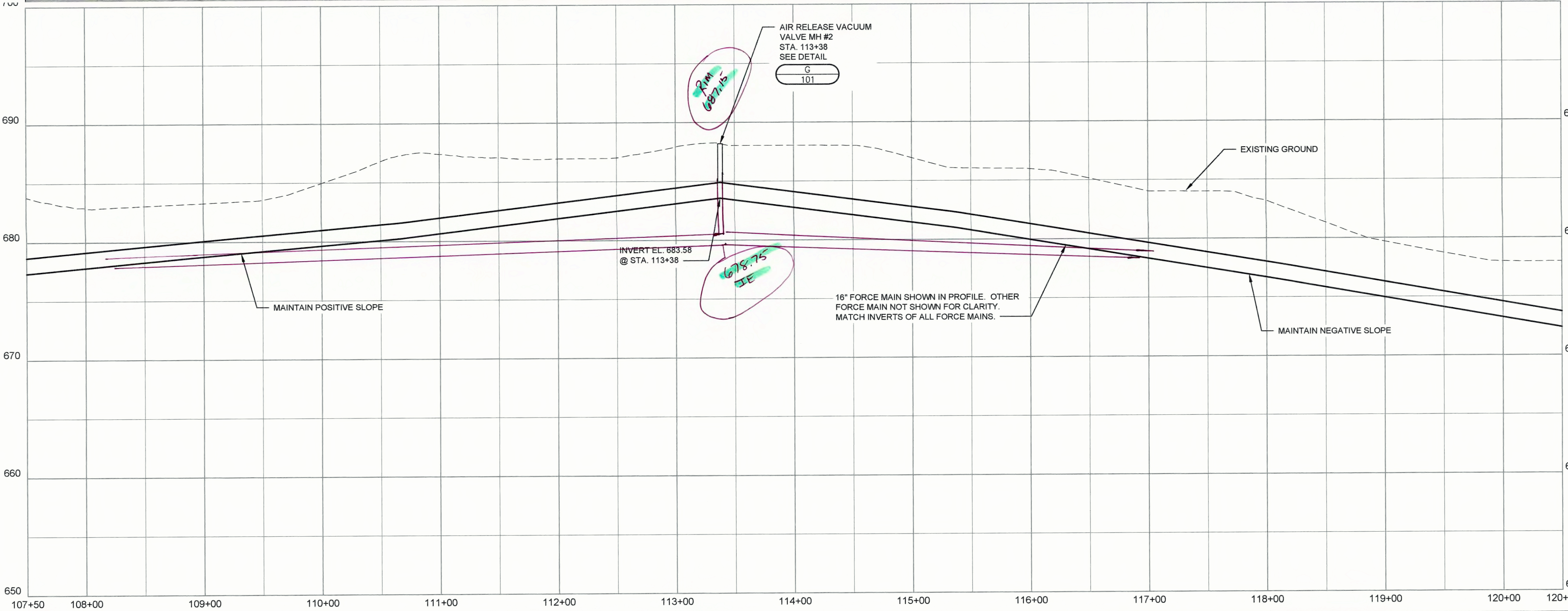
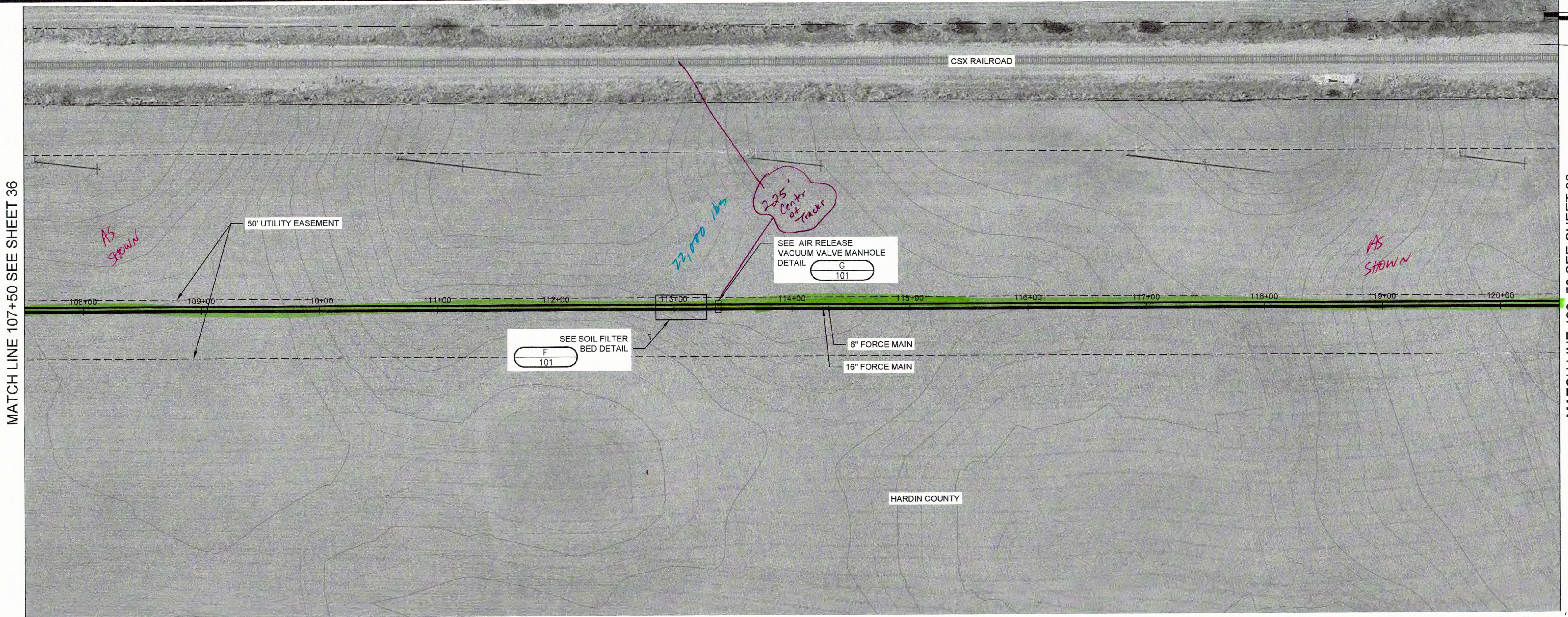
JOB NO.
5980.020
 PROJECT MGR.
MAS



SHEET
36

MATCH LINE 107+50 SEE SHEET 36

MATCH LINE 120+50 SEE SHEET 38



DATE:	
REVISIONS	
NO.	

**INDUSTRIAL PARK PUMP STATIONS NO. 1 AND NO. 2
FORCE MAINS STA. 107+50 TO STA. 120+50
CONTRACT 2-2017**

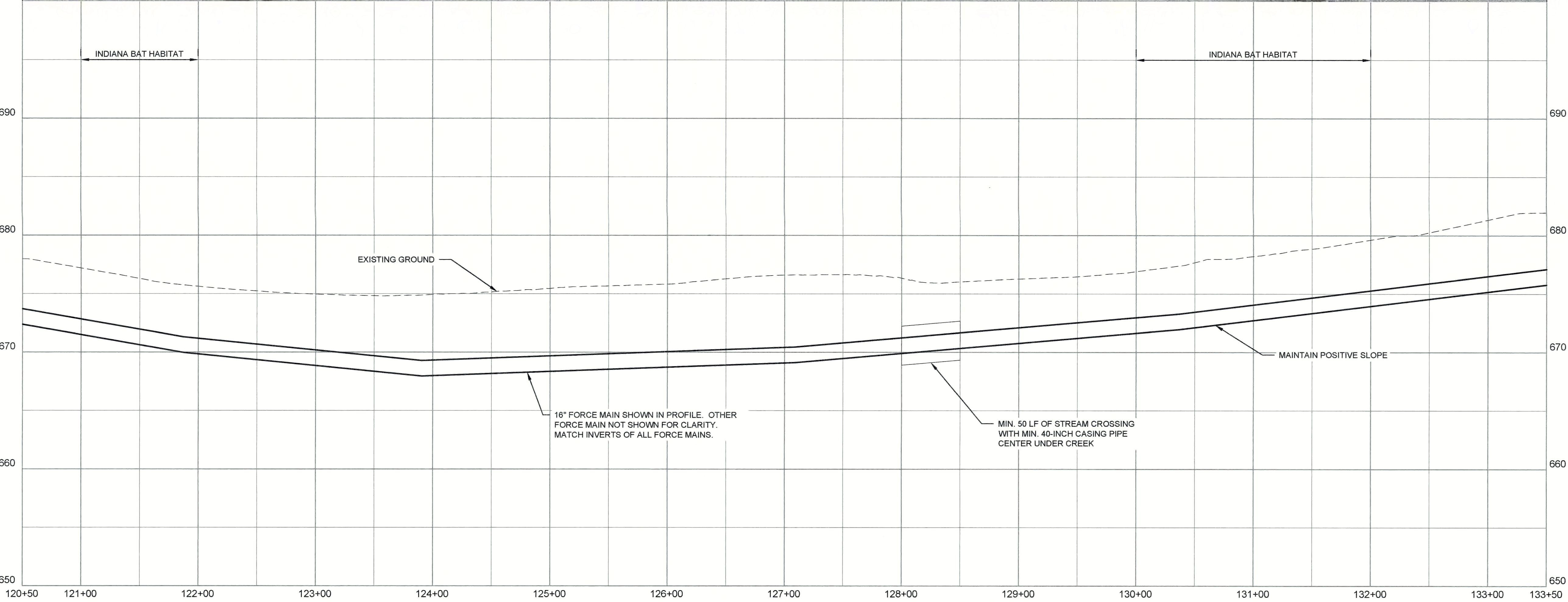
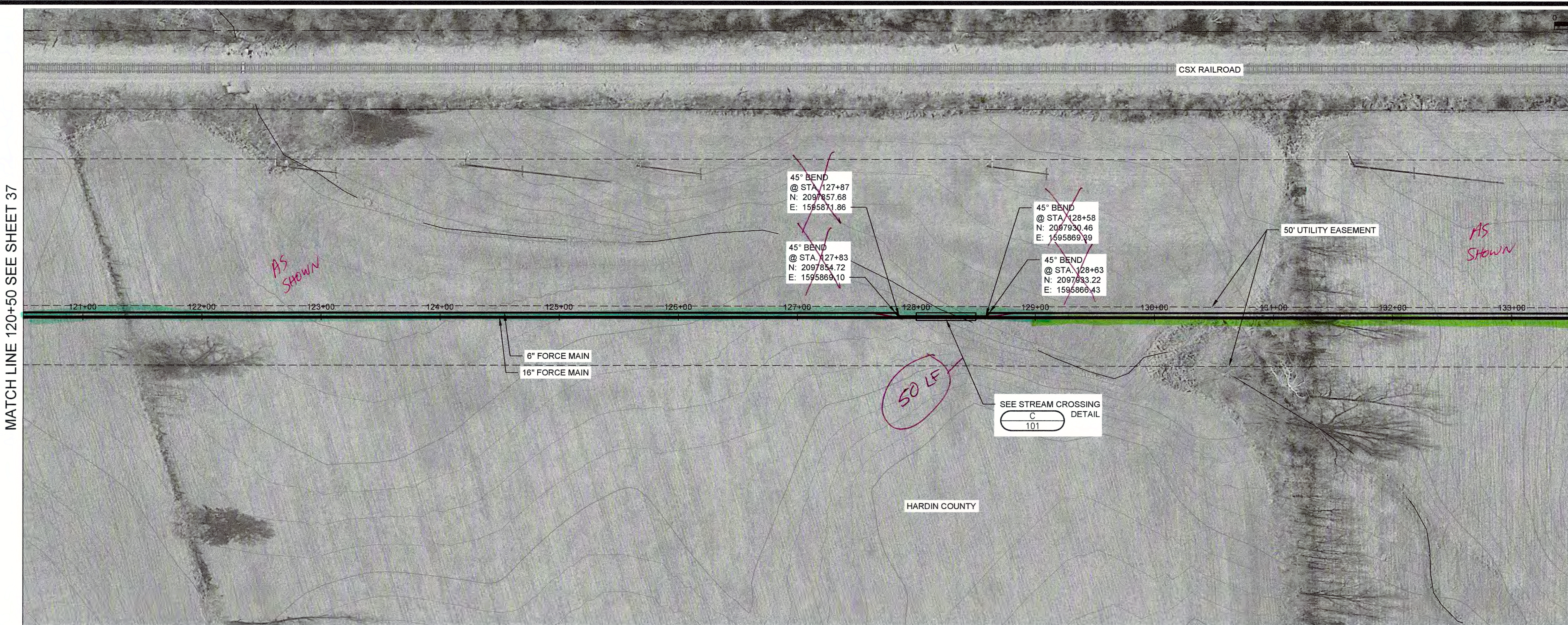
NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
HARDIN COUNTY WATER DISTRICT NO. 2
HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020

PROJECT MGR.
MAS

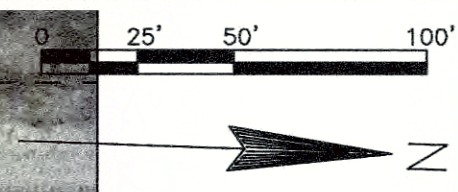


SHEET
37



MATCH LINE 120+50 SEE SHEET 37

MATCH LINE 133+50 SEE SHEET 39



NO.	REVISIONS	DATE:

**INDUSTRIAL PARK PUMP STATIONS NO. 1 AND NO. 2
FORCE MAINS STA. 120+50 TO STA. 133+50
CONTRACT 2-2017**

NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
HARDIN COUNTY WATER DISTRICT NO. 2
HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020

PROJECT MGR.
MAS



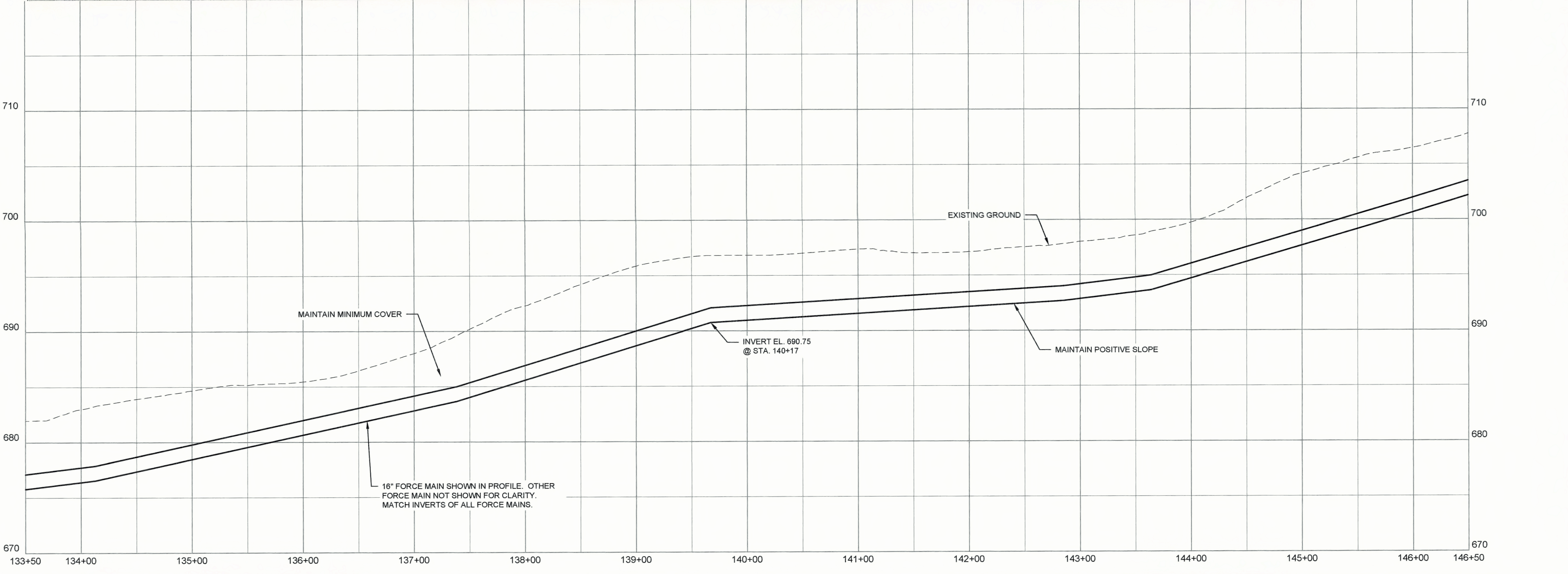
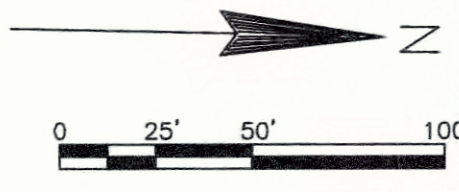
SHEET
38



MATCH LINE 133+50 SEE SHEET 38

MATCH LINE 146+50 SEE SHEET 40

NO.	REVISIONS	DATE:



**INDUSTRIAL PARK PUMP STATIONS NO. 1 AND NO. 2
FORCE MAINS STA. 133+50 TO STA. 146+50
CONTRACT 2-2017**

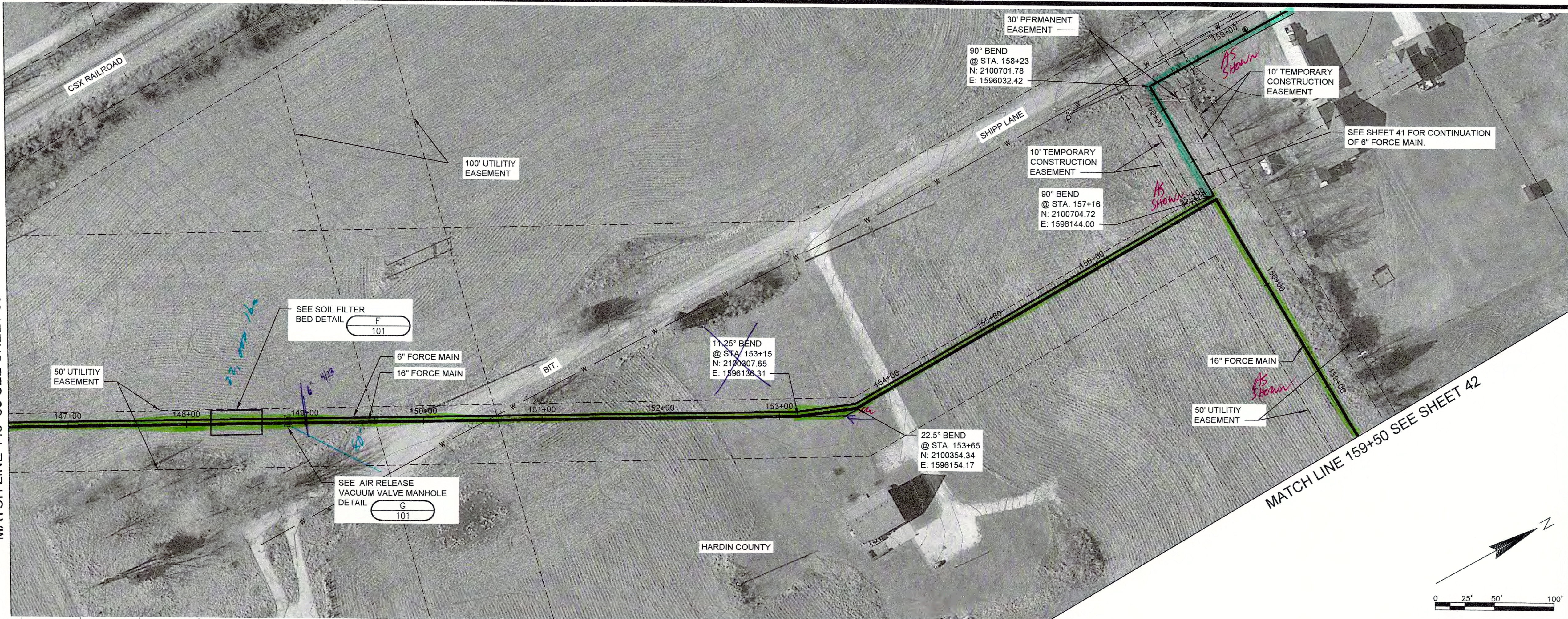
NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
HARDIN COUNTY WATER DISTRICT NO. 2
HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020

PROJECT MGR.
MAS



SHEET
39

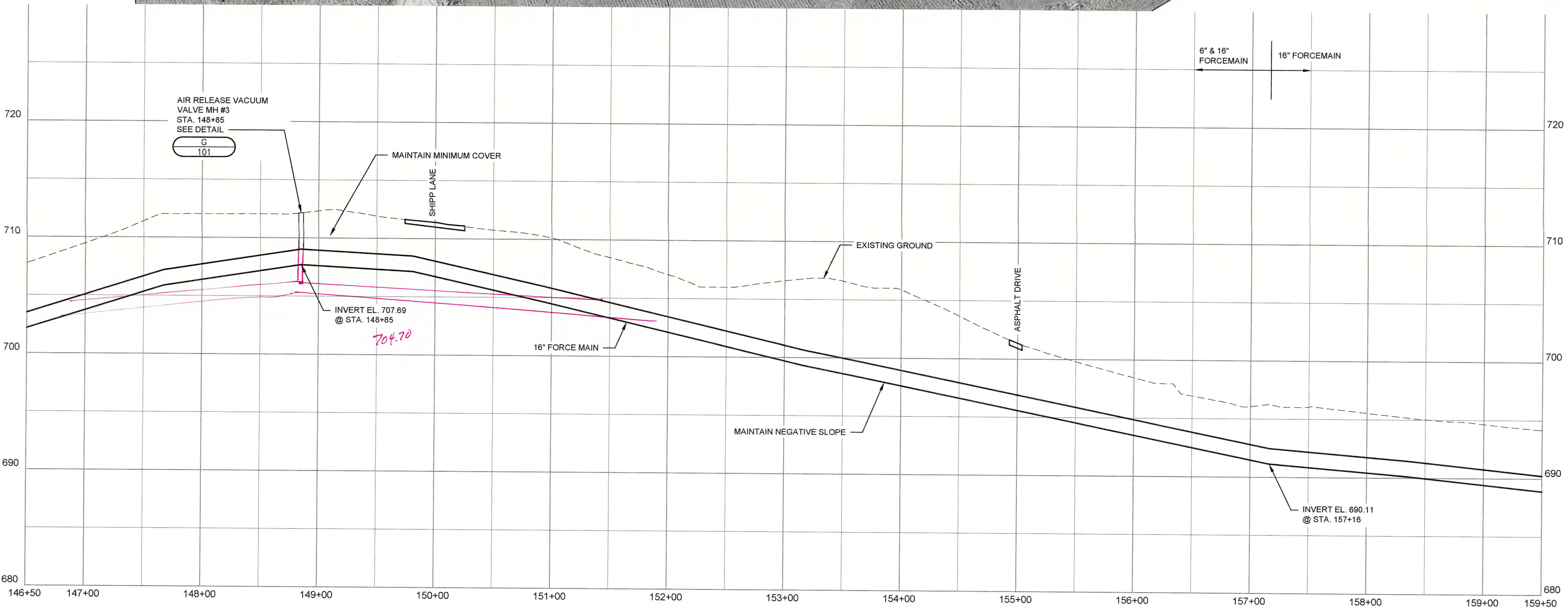
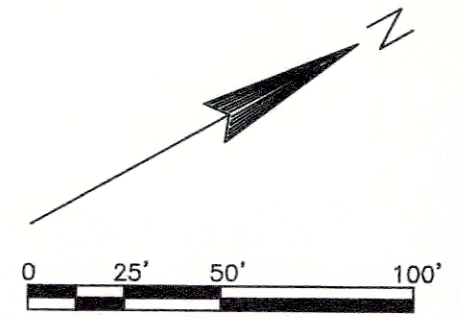


MATCH LINE 146+50 SEE SHEET 39

MATCH LINE 159+50 SEE SHEET 42



NO.	REVISIONS	DATE:

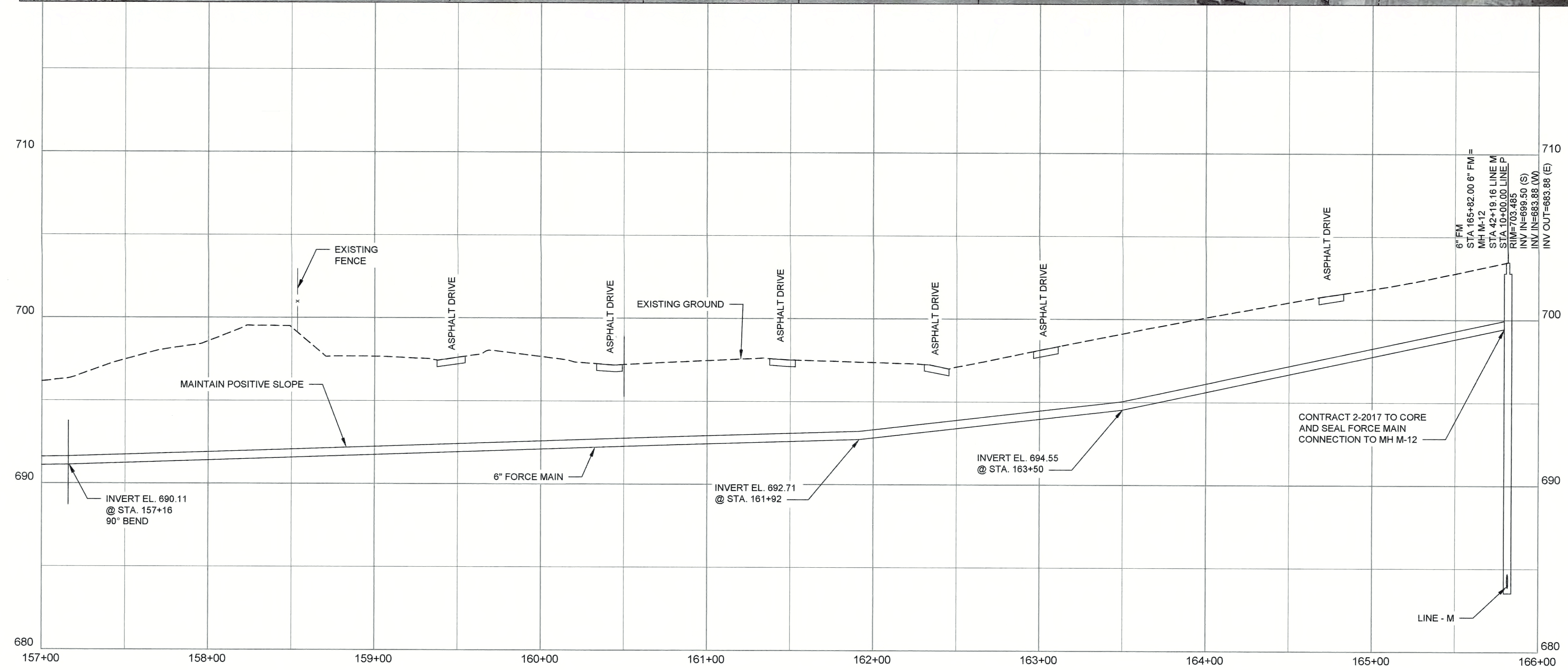
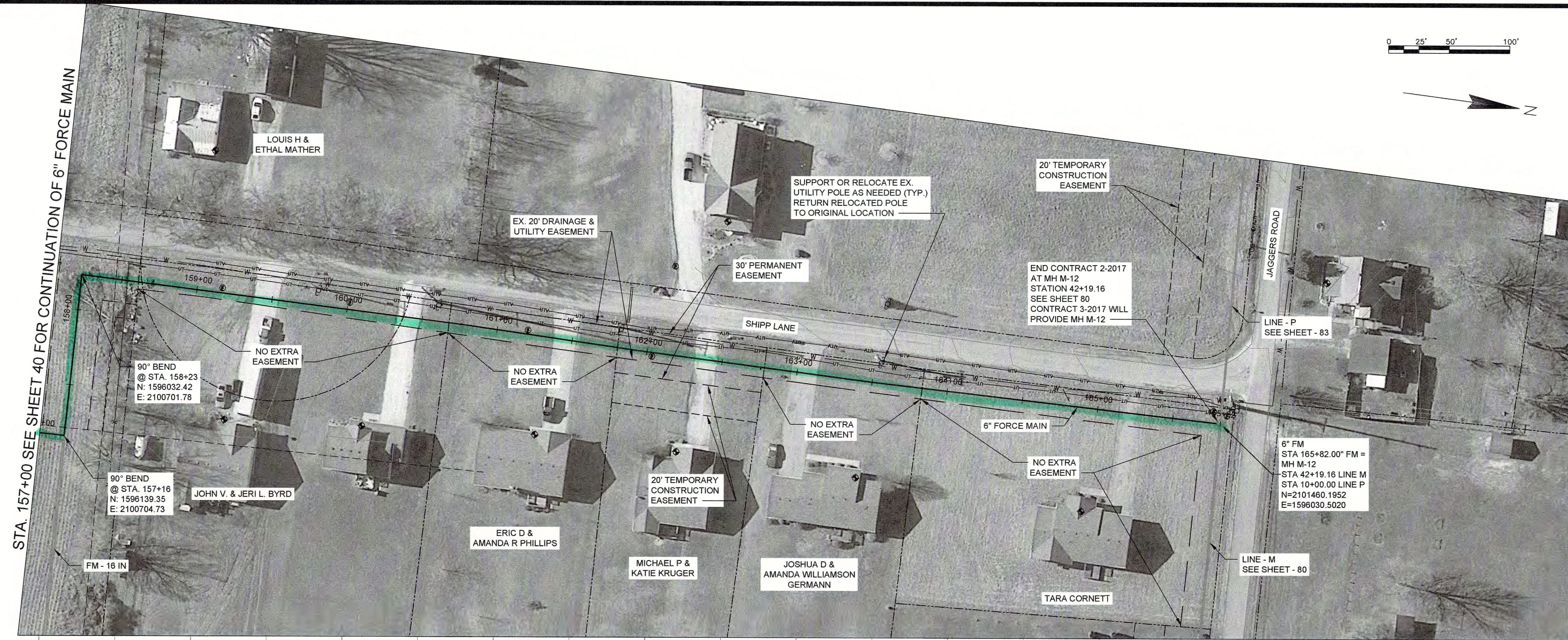


INDUSTRIAL PARK PUMP STATIONS NO. 1 AND NO. 2
FORCE MAINS STA. 146+50 TO STA. 159+50
CONTRACT 2-2017
 NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

JOB NO.
 5980.020
PROJECT MGR.
 MAS



SHEET
40



NO.	REVISIONS	DATE:

INDUSTRIAL PARK PUMP STATION NO. 1
FORCE MAIN STA. 157+00 TO STA. 165+82.00
CONTRACTS 2-2017 AND 3-2017

NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020
PROJECT MGR.
MAS

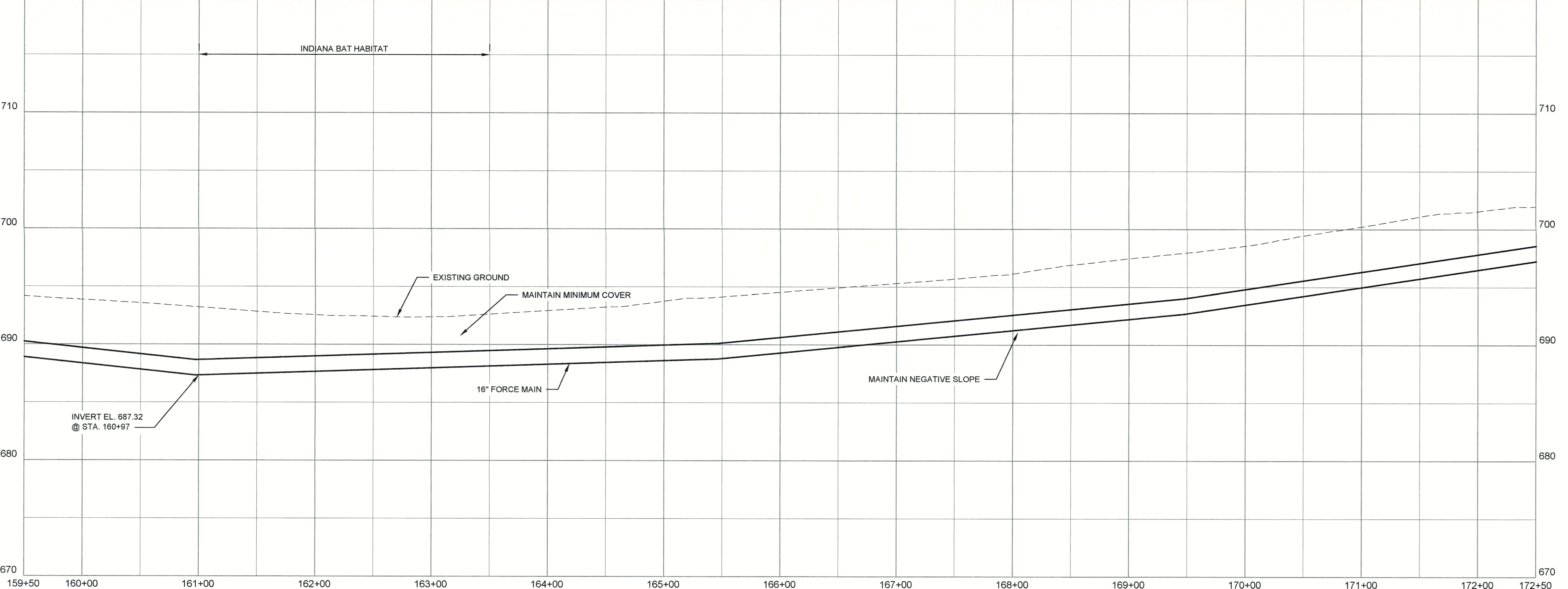


SHEET
41



MATCH LINE 159+50 SEE SHEET 40

MATCH LINE 172+50 SEE SHEET 43



STATE OF KENTUCKY
 MARK A. SNEVE
 18511
 8/15/17

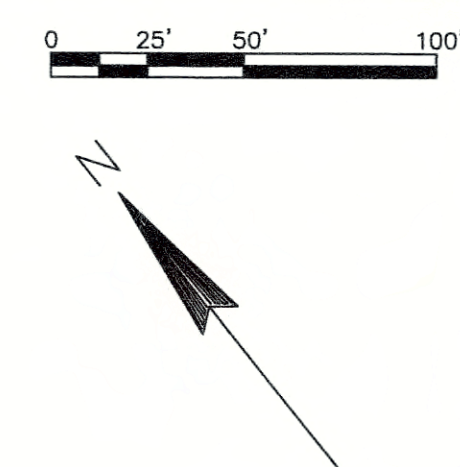
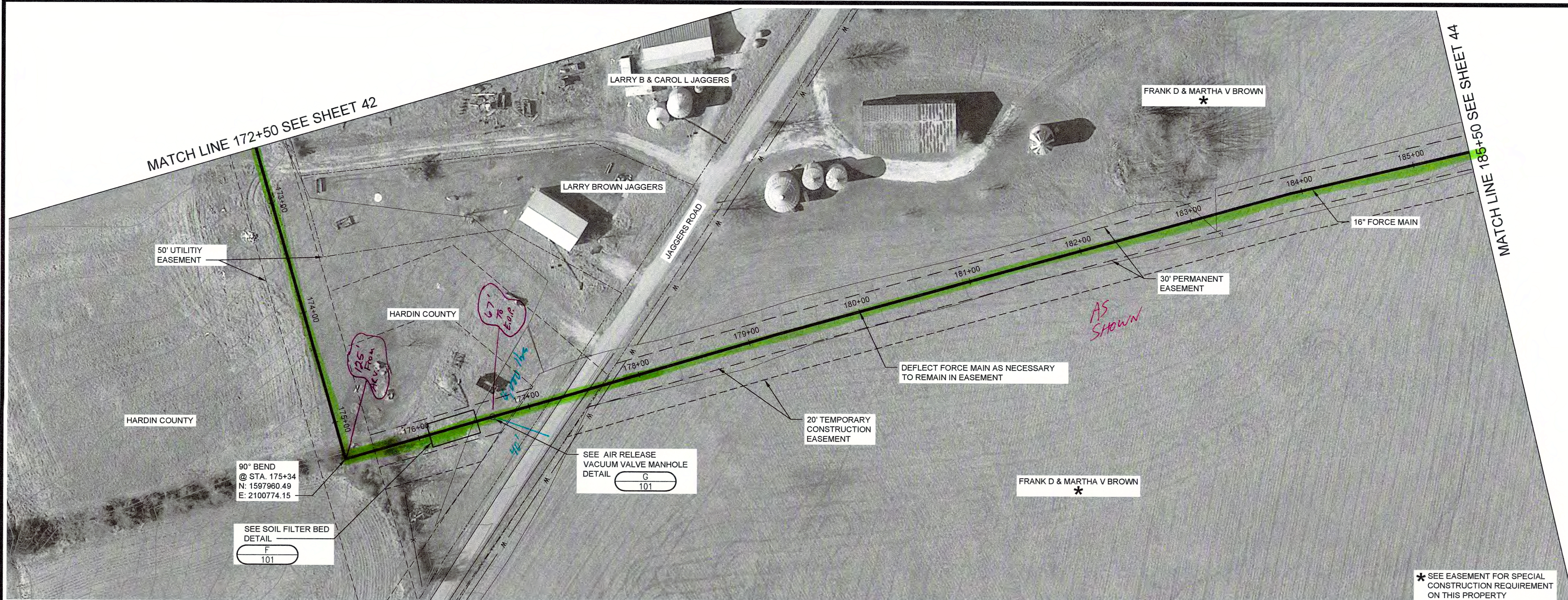
NO.	REVISIONS	DATE:

INDUSTRIAL PARK PUMP STATION NO. 2
 FORCE MAIN STA. 159+50 TO STA. 172+50
 CONTRACT 2-2017
 NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020
 PROJECT MGR.
MAS



SHEET
42



NO.	REVISIONS	DATE:

INDUSTRIAL PARK PUMP STATION NO. 2
FORCE MAIN STA. 172+50 TO STA. 185+50
CONTRACT 2-2017

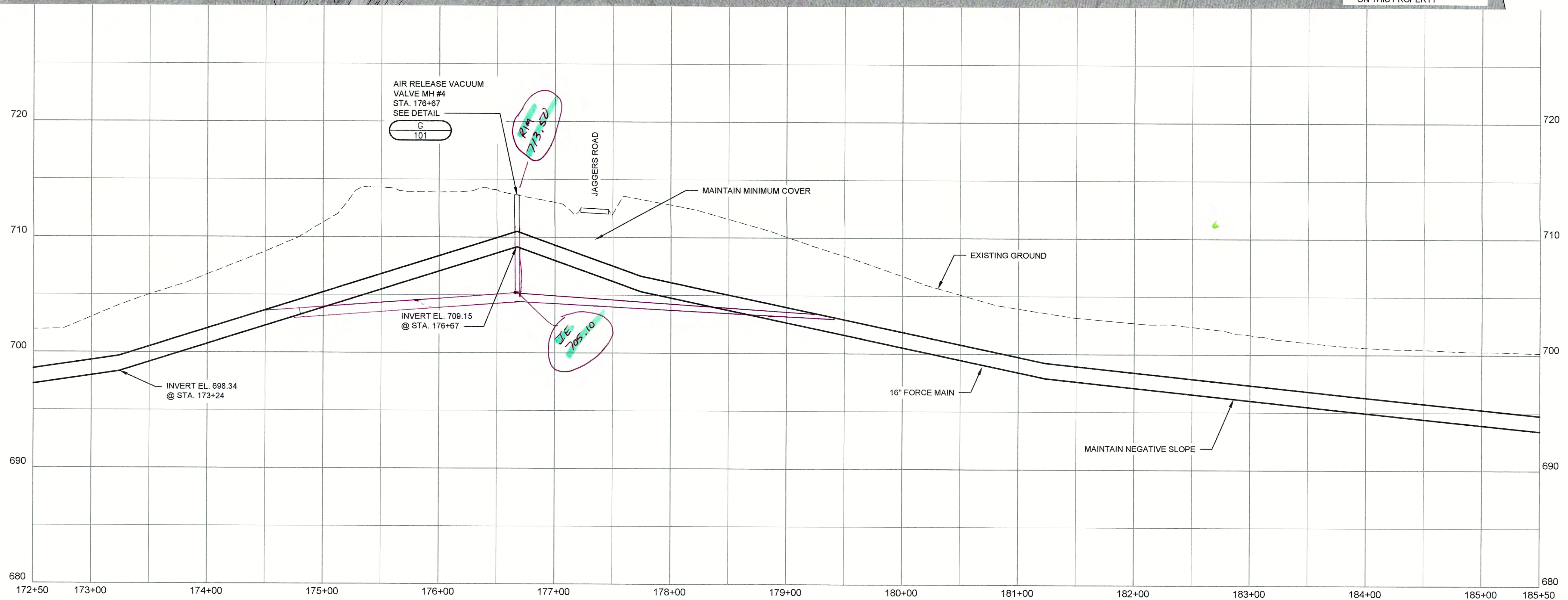
NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020

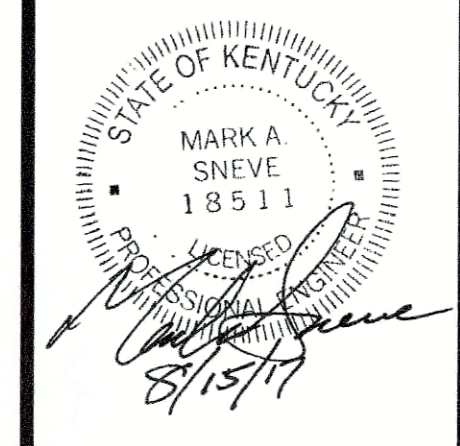
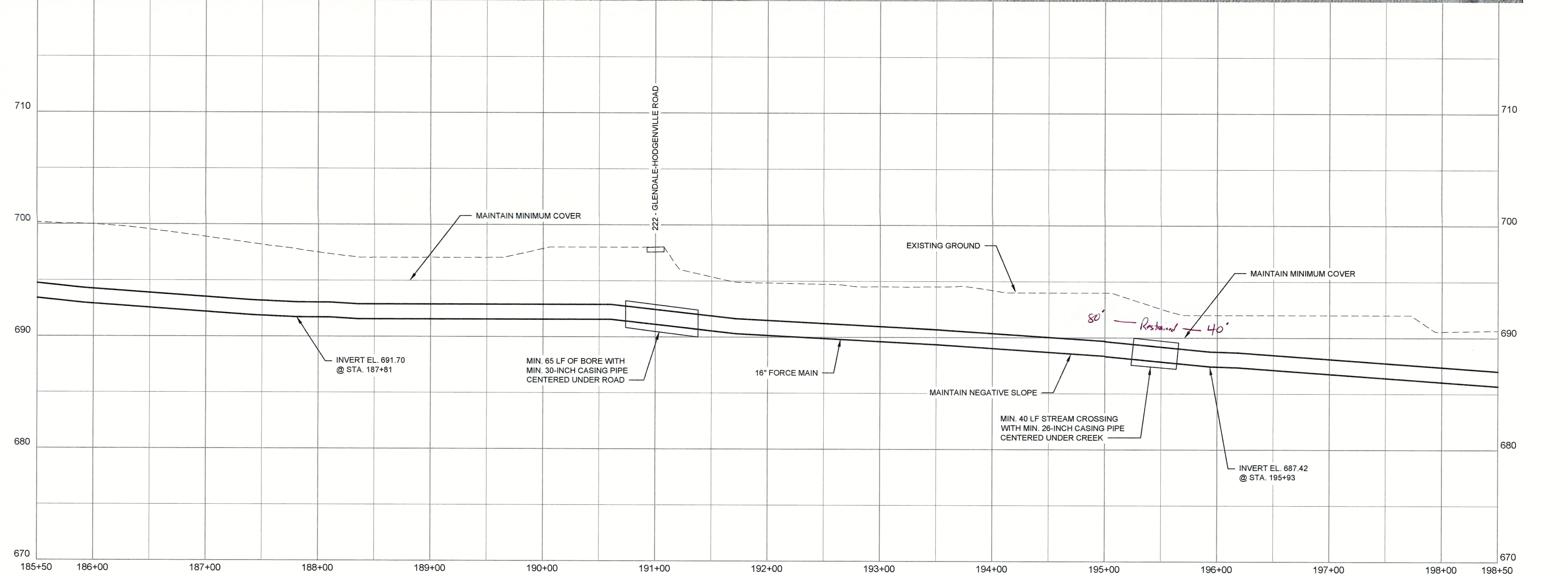
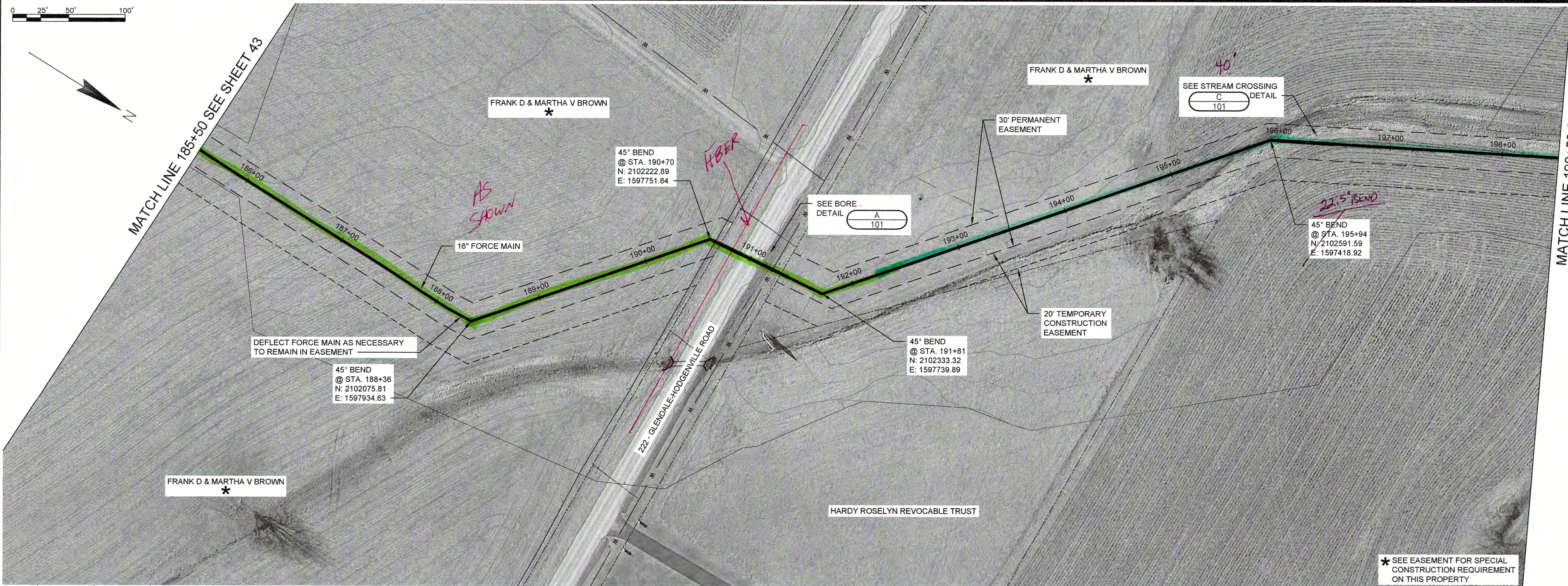
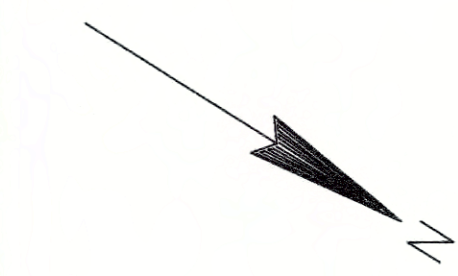
PROJECT MGR.
MAS



SHEET
43



0 25' 50' 100'



DATE:	
REVISIONS	
NO.	

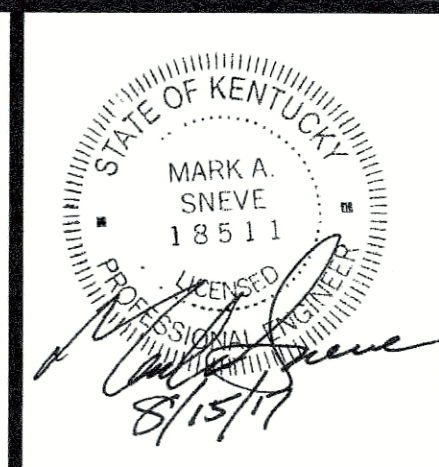
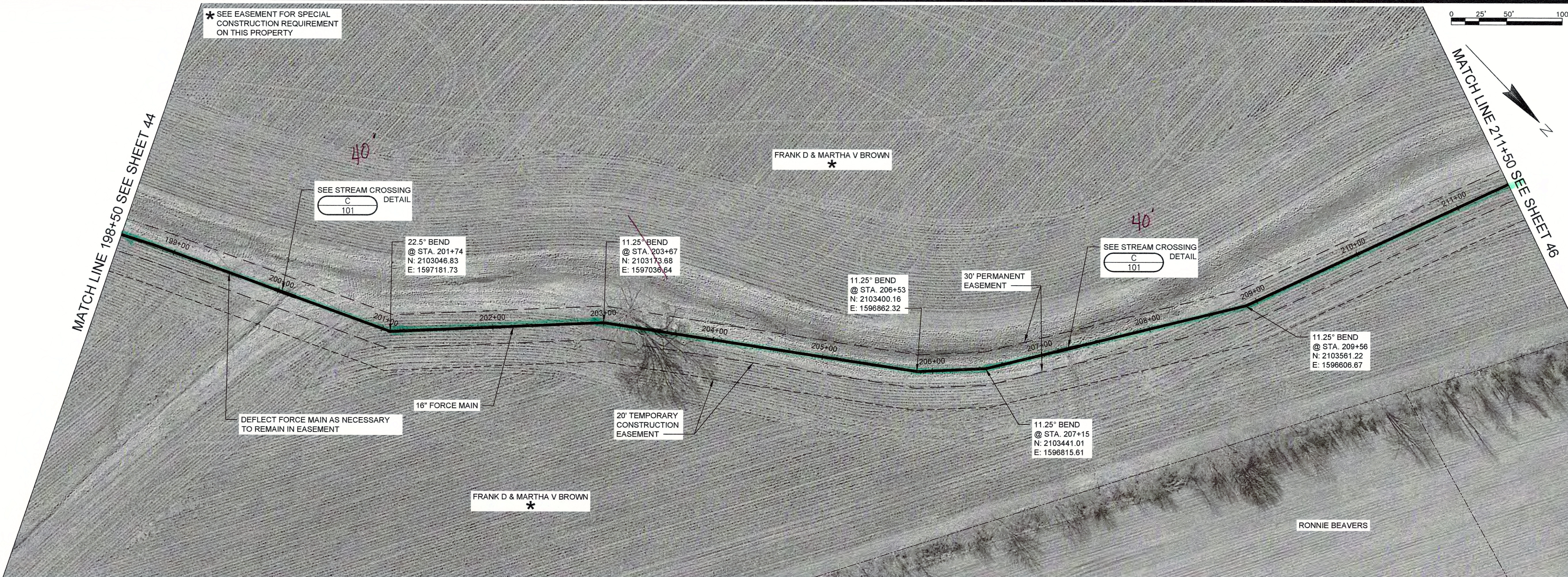
INDUSTRIAL PARK PUMP STATION NO. 2
FORCE MAIN STA. 185+50 TO STA. 198+50
CONTRACT 2-2017

NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020

PROJECT MGR.
MAS

SHEET
44



NO.	REVISIONS	DATE

INDUSTRIAL PARK PUMP STATION NO. 2
FORCE MAIN STA. 198+50 TO STA. 211+50
CONTRACT 2-2017

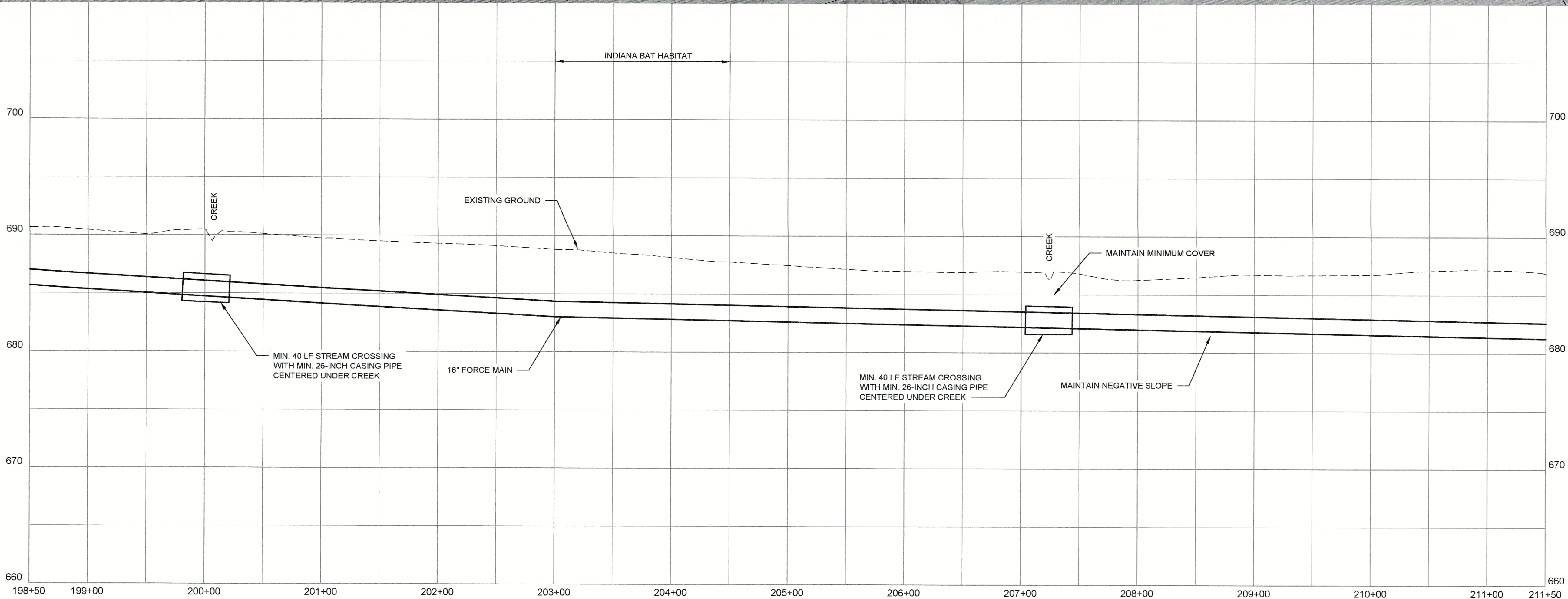
NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

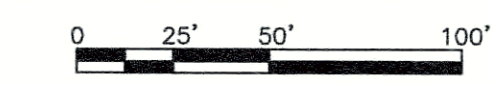
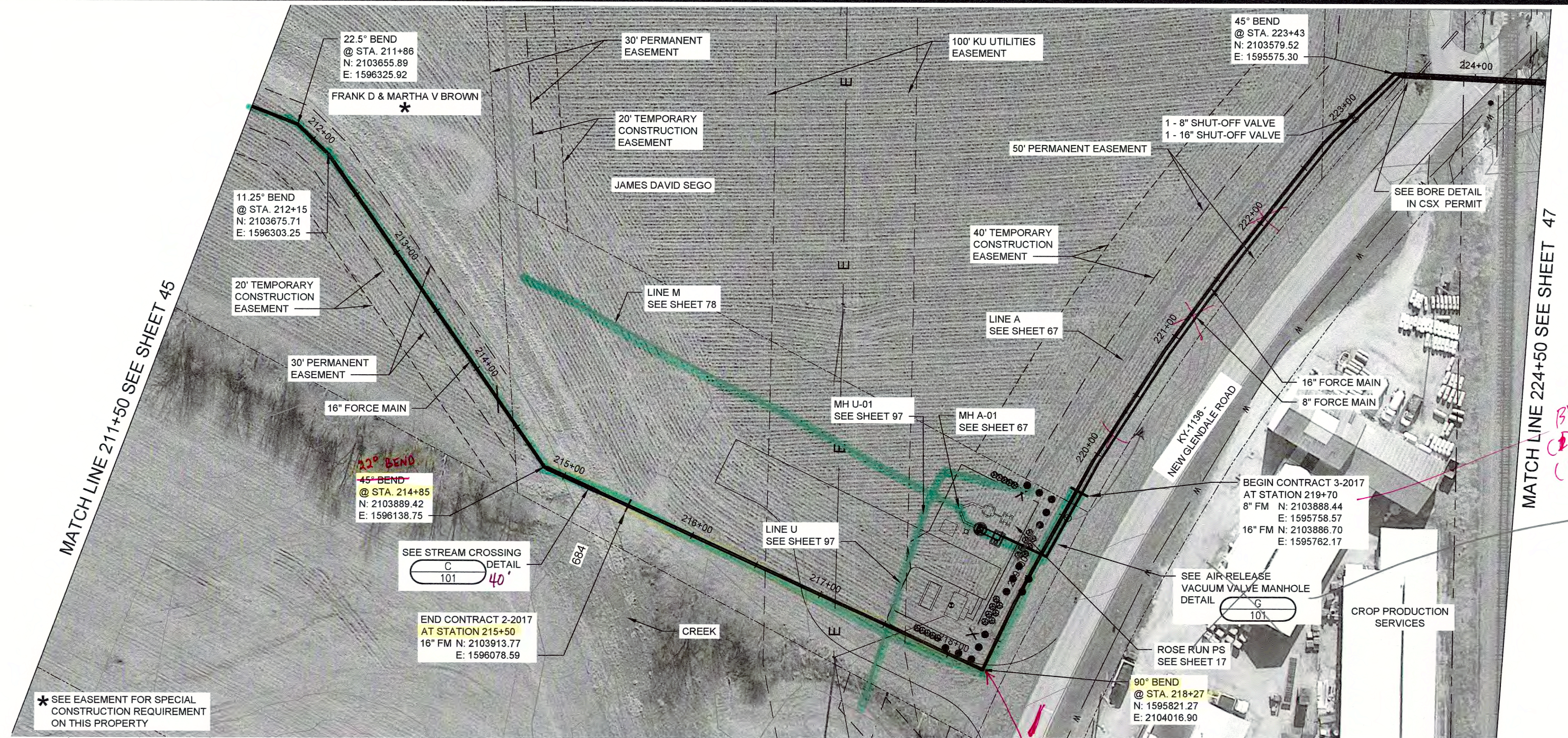
JOB NO.
5980.020

PROJECT MGR.
MAS



SHEET
45





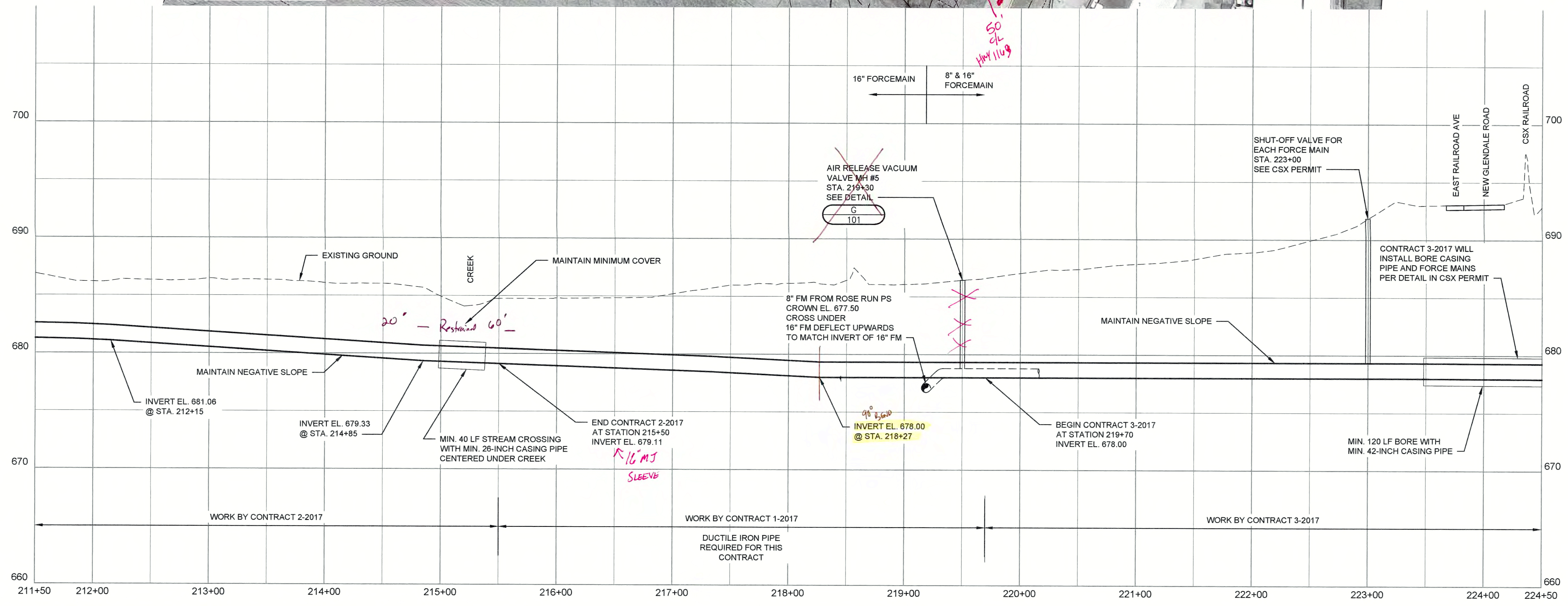
MATCH LINE 211+50 SEE SHEET 45

MATCH LINE 224+50 SEE SHEET 47

* SEE EASEMENT FOR SPECIAL CONSTRUCTION REQUIREMENT ON THIS PROPERTY

BY OTHERS
 (1) 16" BFLY
 (1) 8" BFLY
 CONT # 3

NO.	REVISIONS



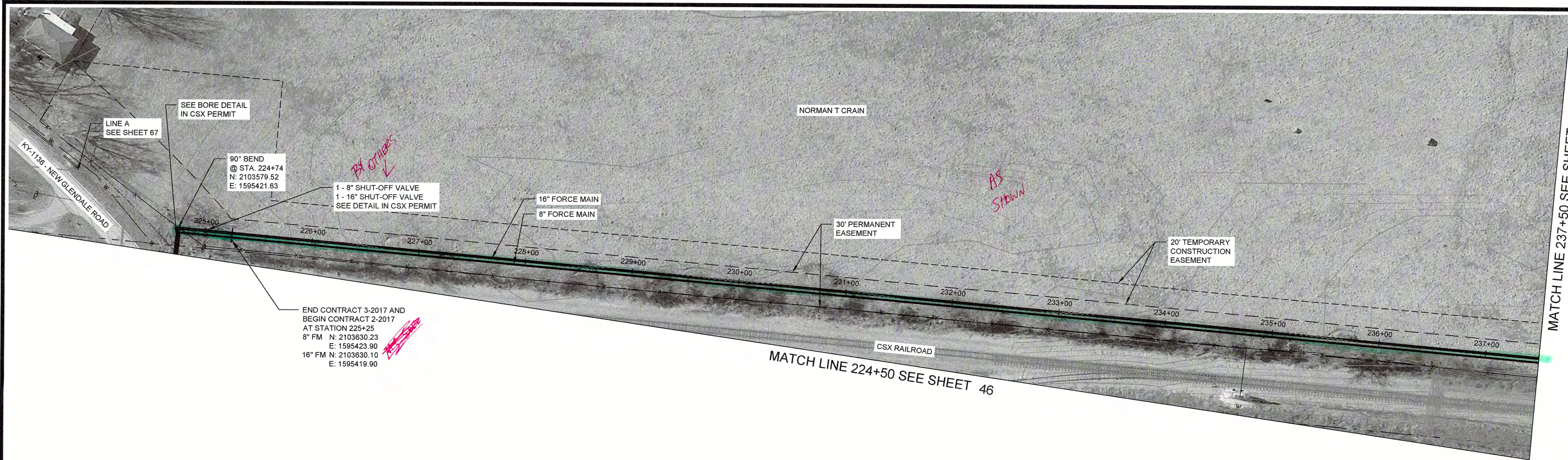
**INDUSTRIAL PARK NO. 2 AND ROSE RUN PUMP STATIONS
 FORCE MAINS STA. 211+50 TO STA. 224+50
 CONTRACTS 1-2017, 2-2017, AND 3-2017**

NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

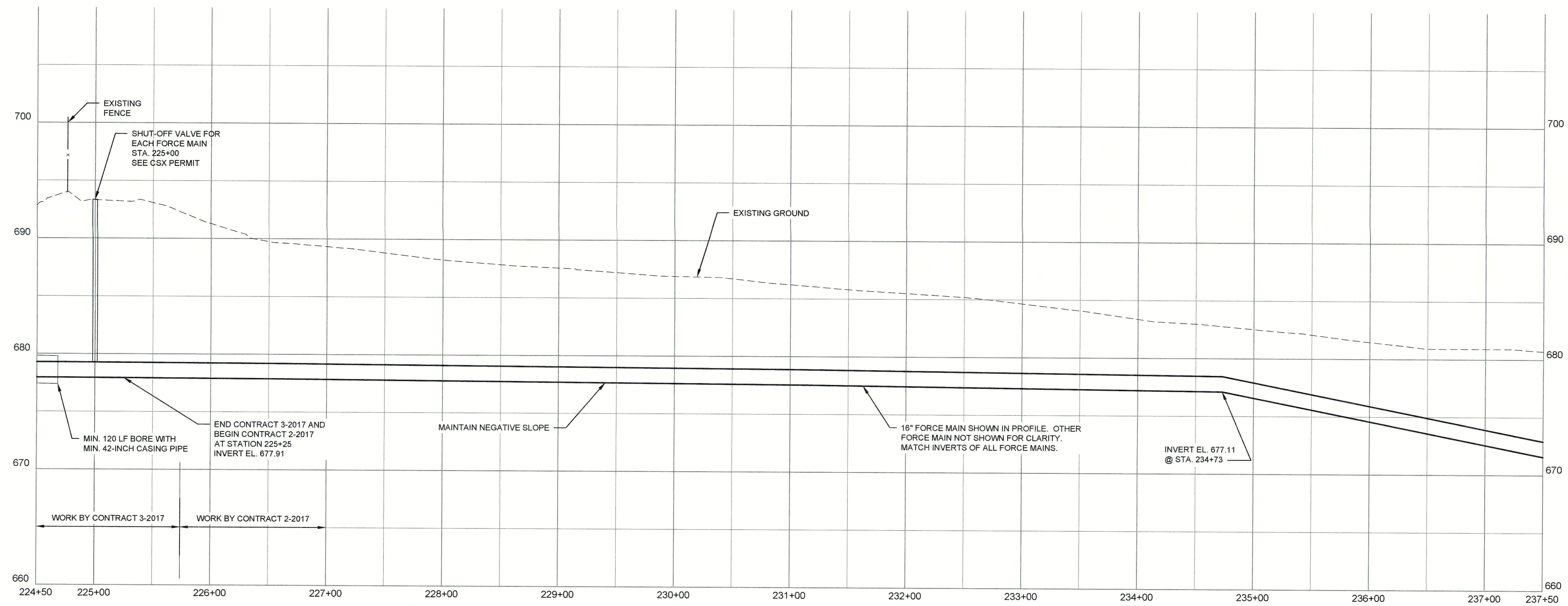
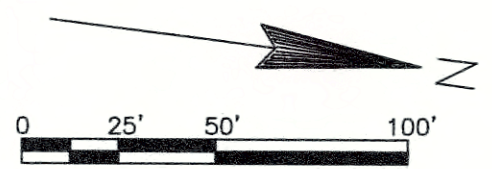
JOB NO.
5980.020
 PROJECT MGR.
MAS



SHEET
46



END CONTRACT 3-2017 AND
 BEGIN CONTRACT 2-2017
 AT STATION 225+25
 8" FM N: 2103630.23
 E: 1595423.90
 16" FM N: 2103630.10
 E: 1595419.90



NO.	REVISIONS	DATE:

**INDUSTRIAL PARK NO. 2 AND ROSE RUN PUMP STATIONS
 FORCE MAINS STA. 224+50 TO STA. 237+50
 CONTRACTS 2-2017 AND 3-2017**

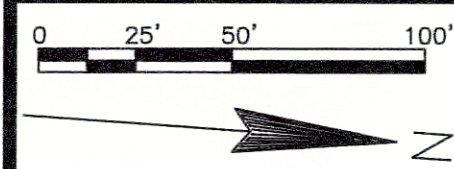
NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020

PROJECT MGR.
MAS

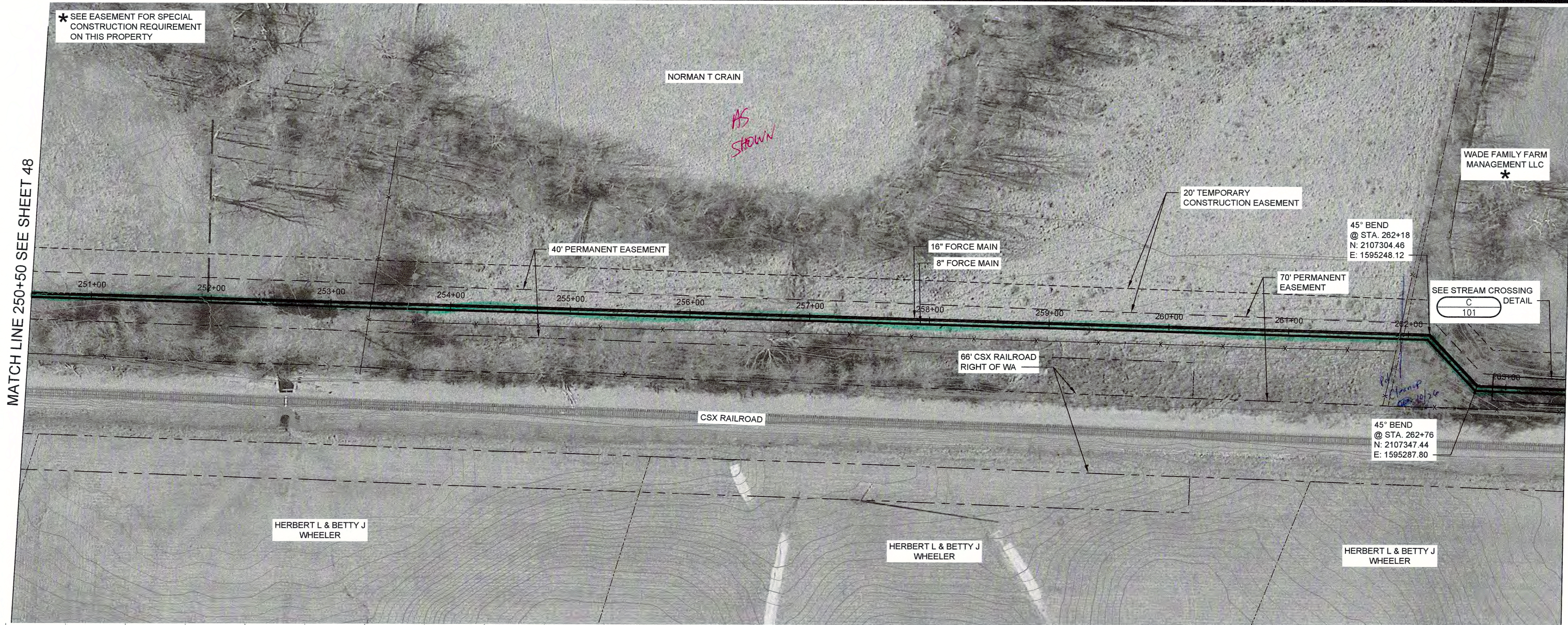


SHEET
47

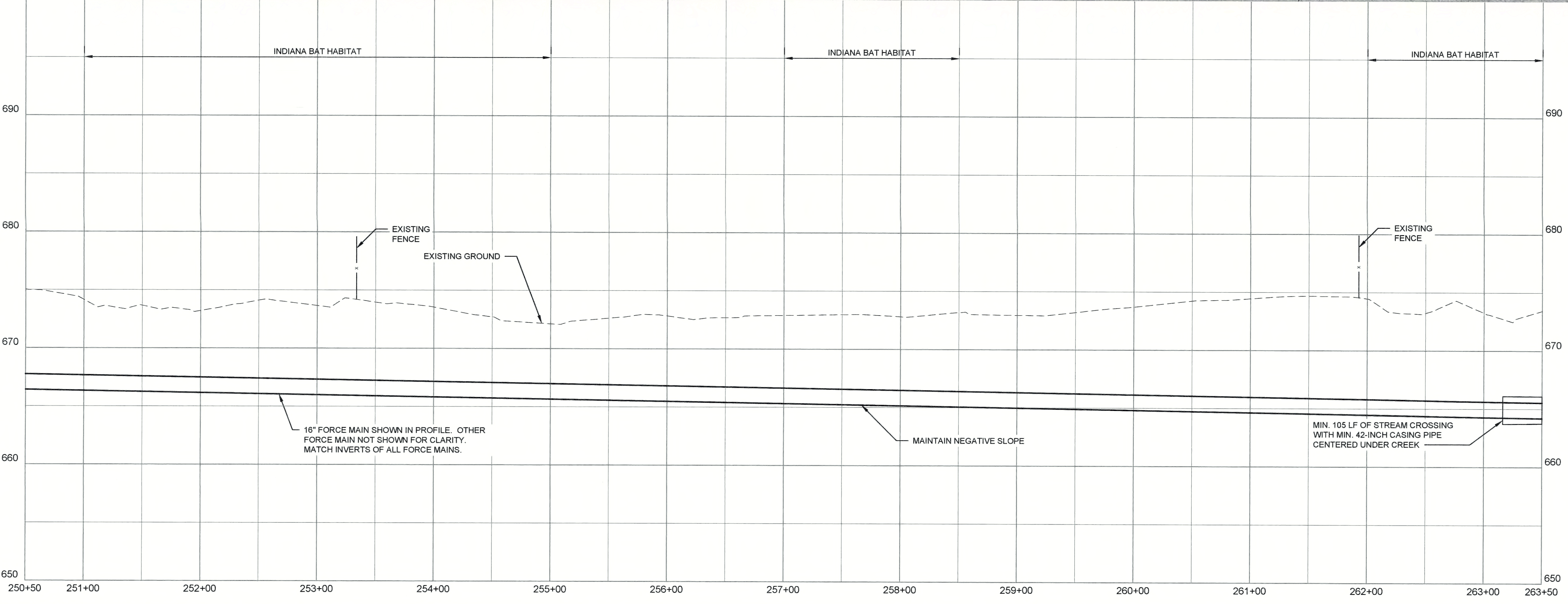


* SEE EASEMENT FOR SPECIAL CONSTRUCTION REQUIREMENT ON THIS PROPERTY

MATCH LINE 250+50 SEE SHEET 48



MATCH LINE 263+50 SEE SHEET 50



NO.	REVISIONS	DATE:

**INDUSTRIAL PARK NO. 2 AND ROSE RUN PUMP STATIONS
FORCE MAINS STA. 250+50 TO STA. 263+50
CONTRACT 2-2017**

NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
HARDIN COUNTY WATER DISTRICT NO. 2
HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020

PROJECT MGR.
MAS



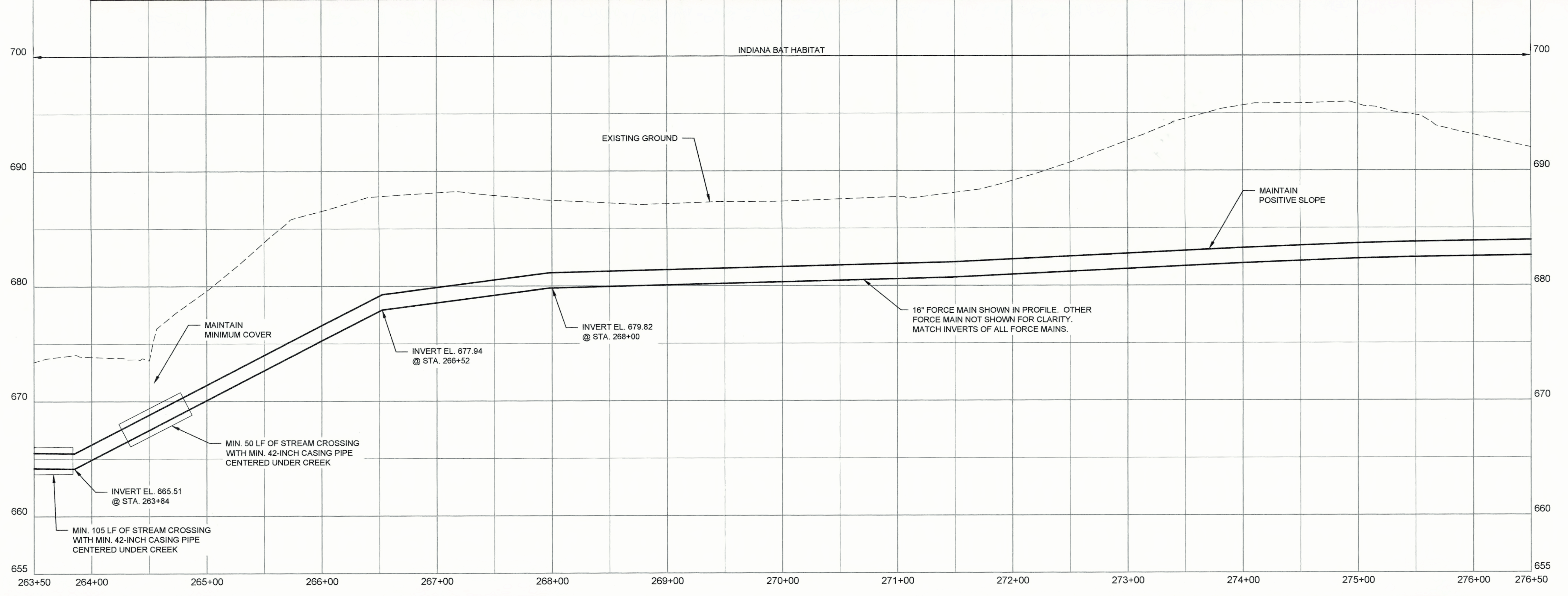
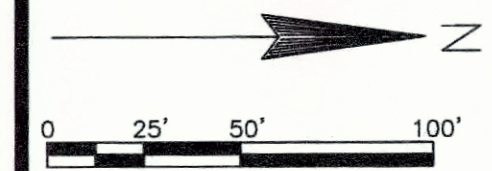
SHEET
49

* SEE EASEMENT FOR SPECIAL CONSTRUCTION REQUIREMENT ON THIS PROPERTY

WADE FAMILY FARM MANAGEMENT LLC

MATCH LINE 263+50 SEE SHEET 49

MATCH LINE 276+50 SEE SHEET 51



NO.	REVISIONS	DATE:

**INDUSTRIAL PARK NO. 2 AND ROSE RUN PUMP STATIONS
FORCE MAINS STA. 263+50 TO STA. 276+50
CONTRACT 2-2017**

NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
HARDIN COUNTY WATER DISTRICT NO. 2
HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020

PROJECT MGR.
MAS



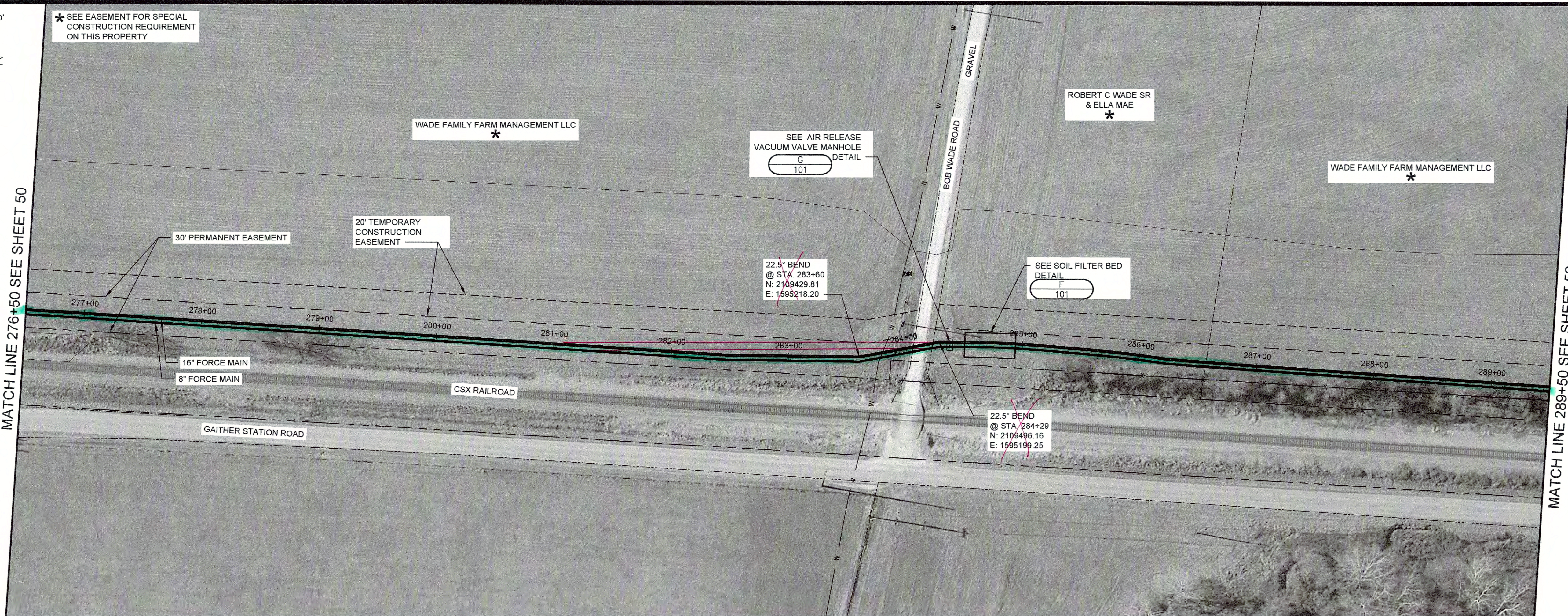
SHEET
50

0 25' 50' 100'

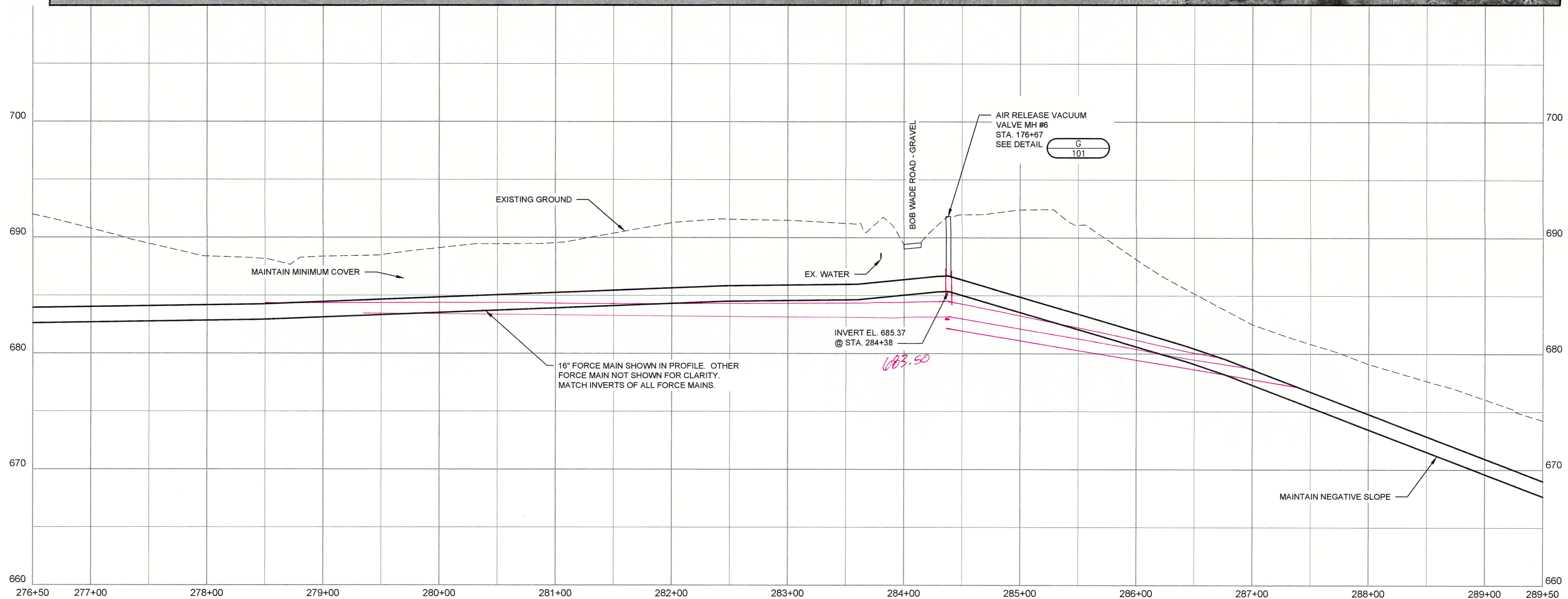


* SEE EASEMENT FOR SPECIAL CONSTRUCTION REQUIREMENT ON THIS PROPERTY

MATCH LINE 276+50 SEE SHEET 50



MATCH LINE 289+50 SEE SHEET 52



DATE:	
REVISIONS	
NO.	

**INDUSTRIAL PARK NO. 2 AND ROSE RUN PUMP STATIONS
FORCE MAINS STA. 276+50 TO STA. 289+50
CONTRACT 2-2017**

NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
HARDIN COUNTY WATER DISTRICT NO. 2
HARDIN COUNTY, KENTUCKY

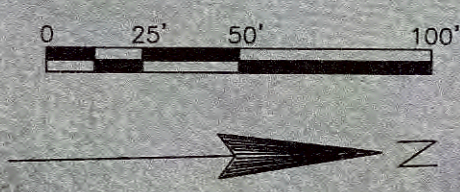
JOB NO.
5980.020

PROJECT MGR.
MAS



SHEET
51

* SEE EASEMENT FOR SPECIAL CONSTRUCTION REQUIREMENT ON THIS PROPERTY



WADE FAMILY FARM MANAGEMENT LLC

AS SHOWN

30' PERMANENT EASEMENT

20' TEMPORARY CONSTRUCTION EASEMENT

SEE STREAM CROSSING DETAIL
C
101

22.5° BEND
@ STA. 300+98
N: 2111155.87
E: 1595158.01

45° BEND
@ STA. 297+52
N: 2110818.65
E: 1595182.78

45° BEND
@ STA. 298+92
N: 2110950.96
E: 1595138.59

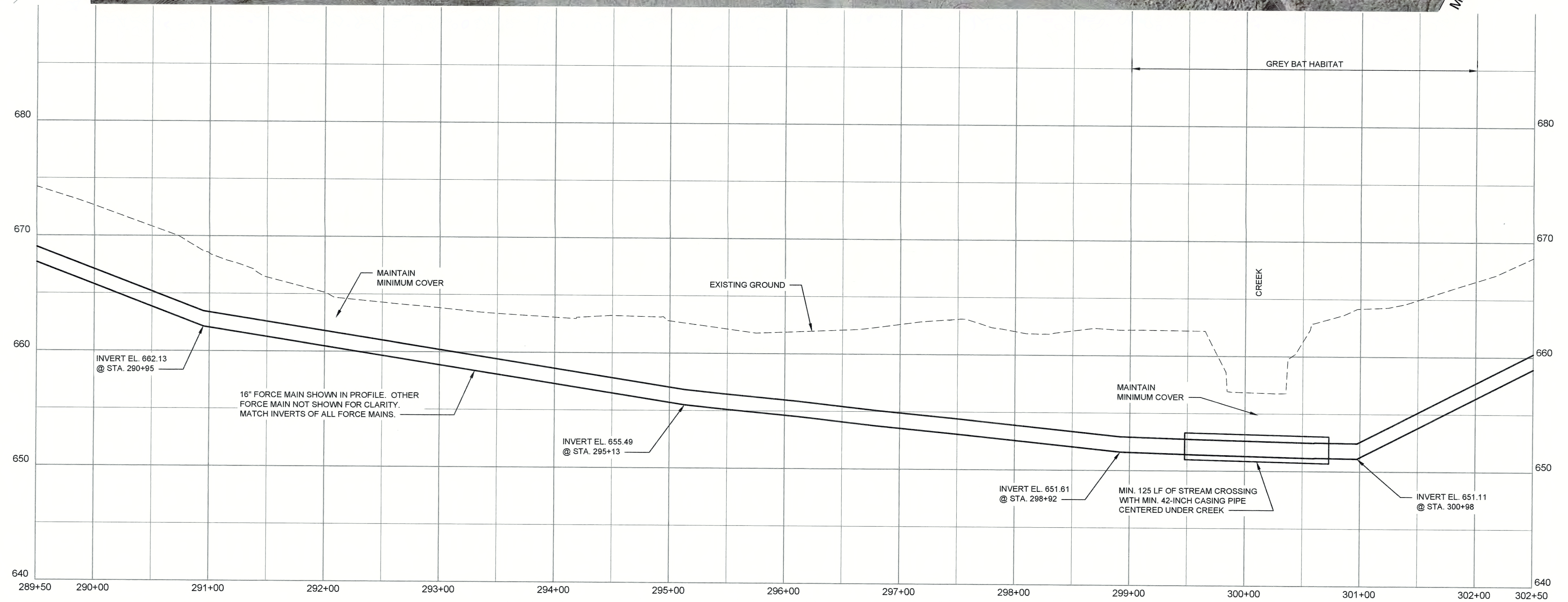
MATCH LINE 289+50 SEE SHEET 51

MATCH LINE 302+50 SEE SHEET 53

16" FORCE MAIN
8" FORCE MAIN

CSX RAILROAD

GAITHER STATION ROAD



DATE:	
REVISIONS	
NO.	

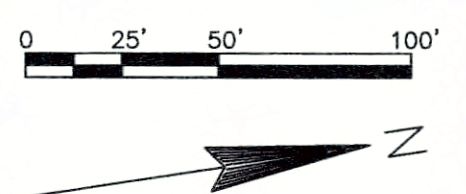
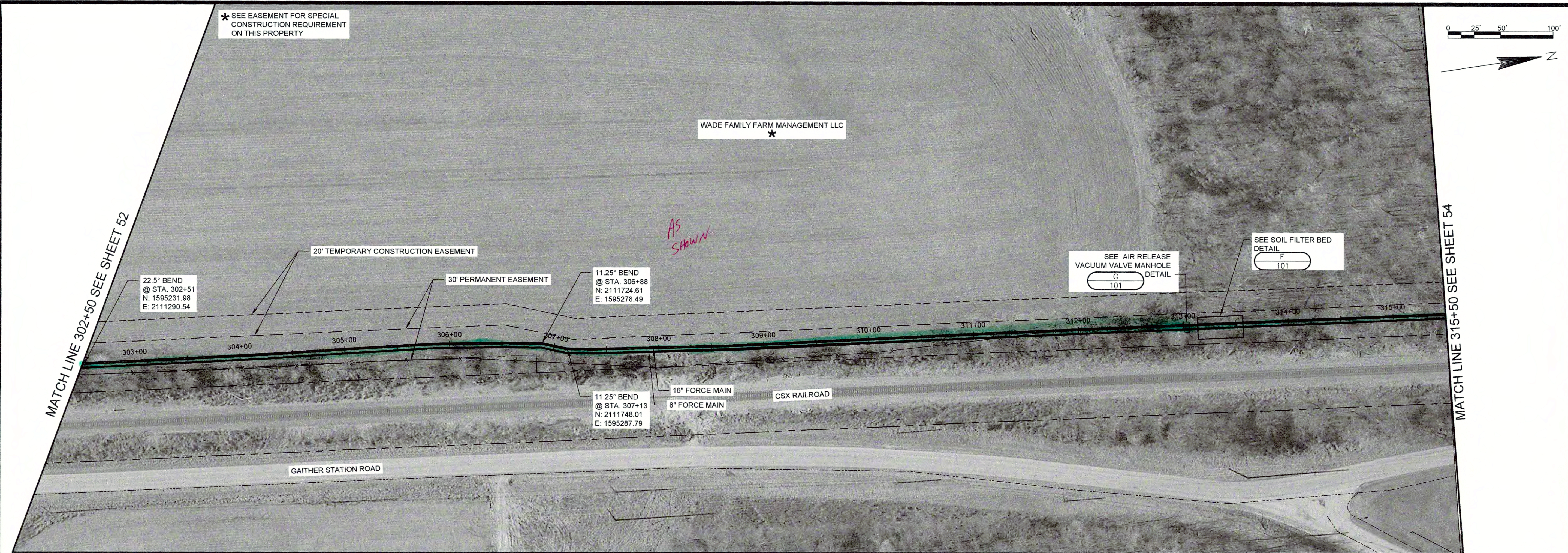
**INDUSTRIAL PARK NO. 2 AND ROSE RUN PUMP STATIONS
FORCE MAINS STA. 289+50 TO STA. 302+50
CONTRACT 2-2017**

NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
HARDIN COUNTY WATER DISTRICT NO. 2
HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020
PROJECT MGR.
MAS



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NO.	REVISIONS

INDUSTRIAL PARK NO. 2 AND ROSE RUN PUMP STATIONS
 FORCE MAINS STA. 302+50 TO STA. 315+50
 CONTRACT 2-2017

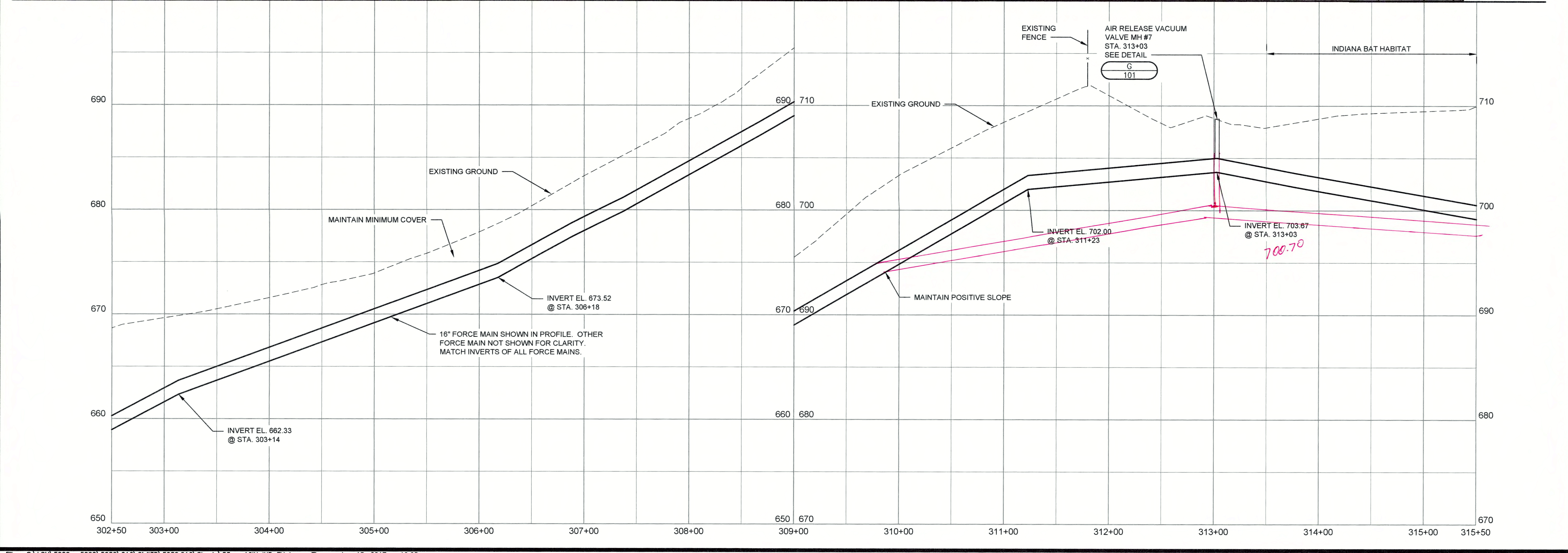
NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

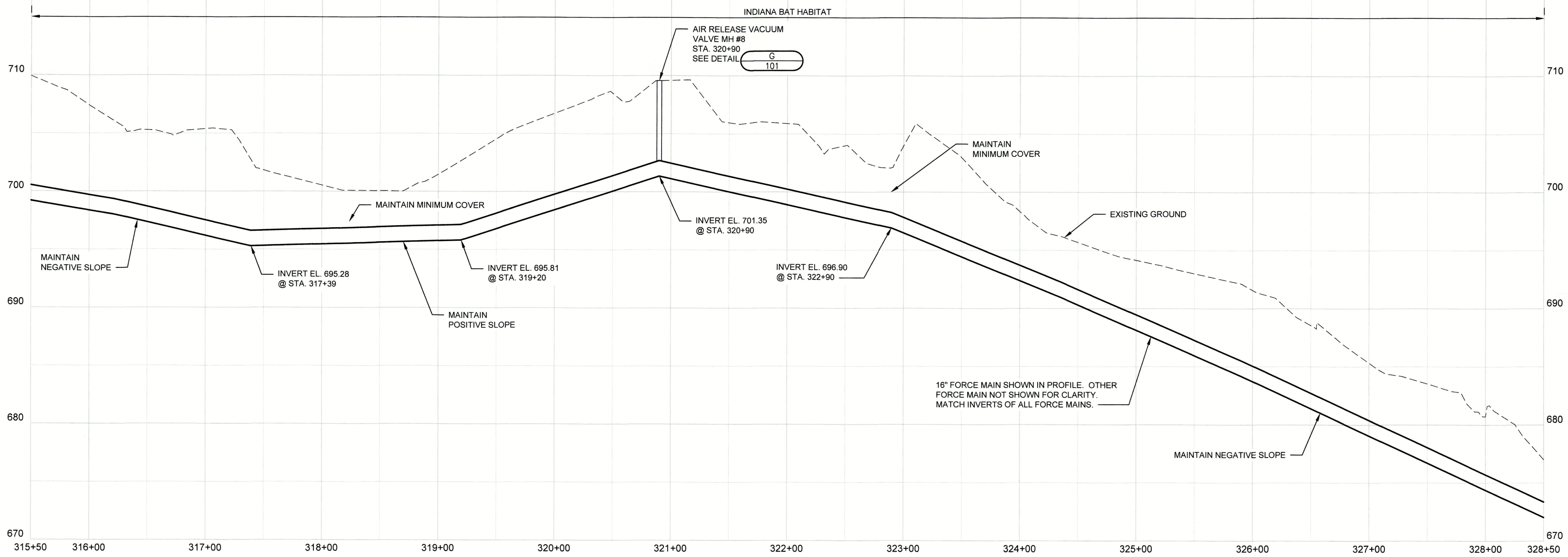
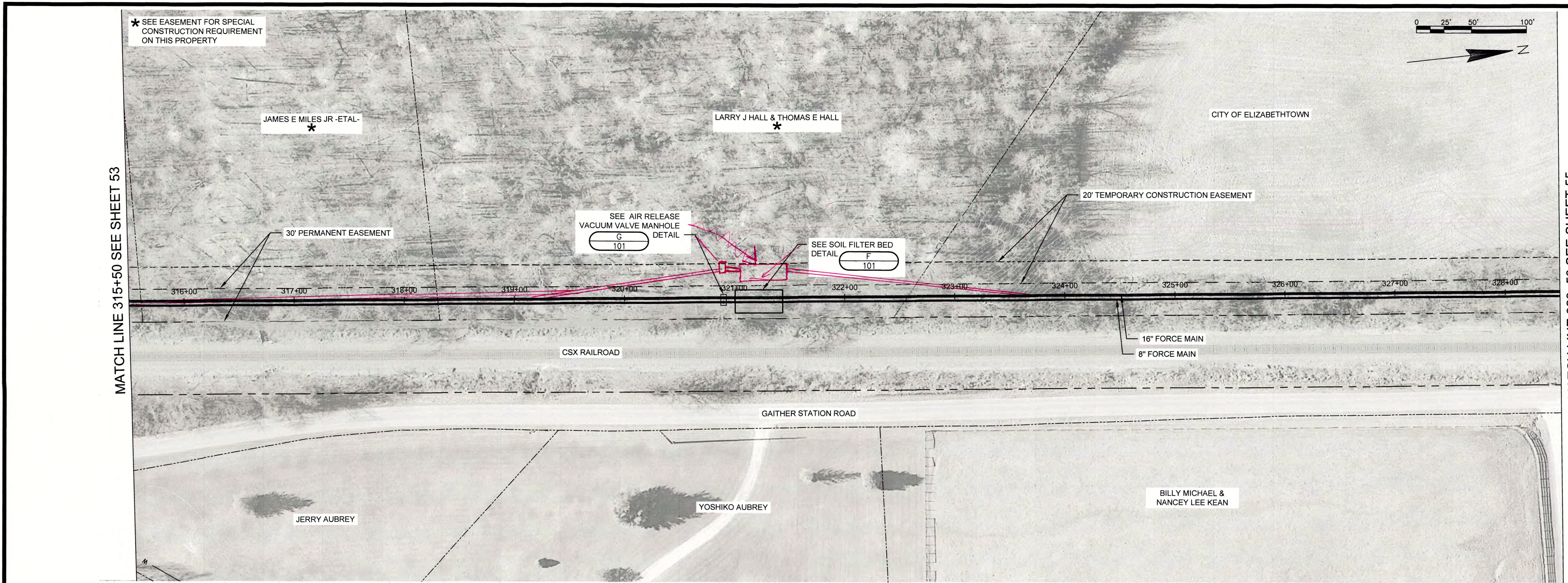
JOB NO.
5980.020

PROJECT MGR.
MAS

STRAND ASSOCIATES

SHEET
53





STATE OF KENTUCKY
 MARK A. SNEVE
 18511
 8/15/17

DATE:	NO.	REVISIONS

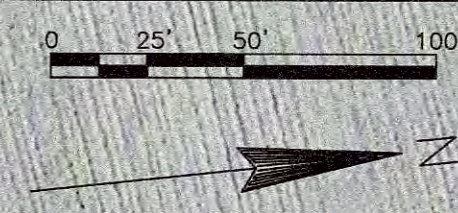
INDUSTRIAL PARK NO. 2 AND ROSE RUN PUMP STATIONS
FORCE MAINS STA. 315+50 TO STA. 328+50
CONTRACT 2-2017

NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

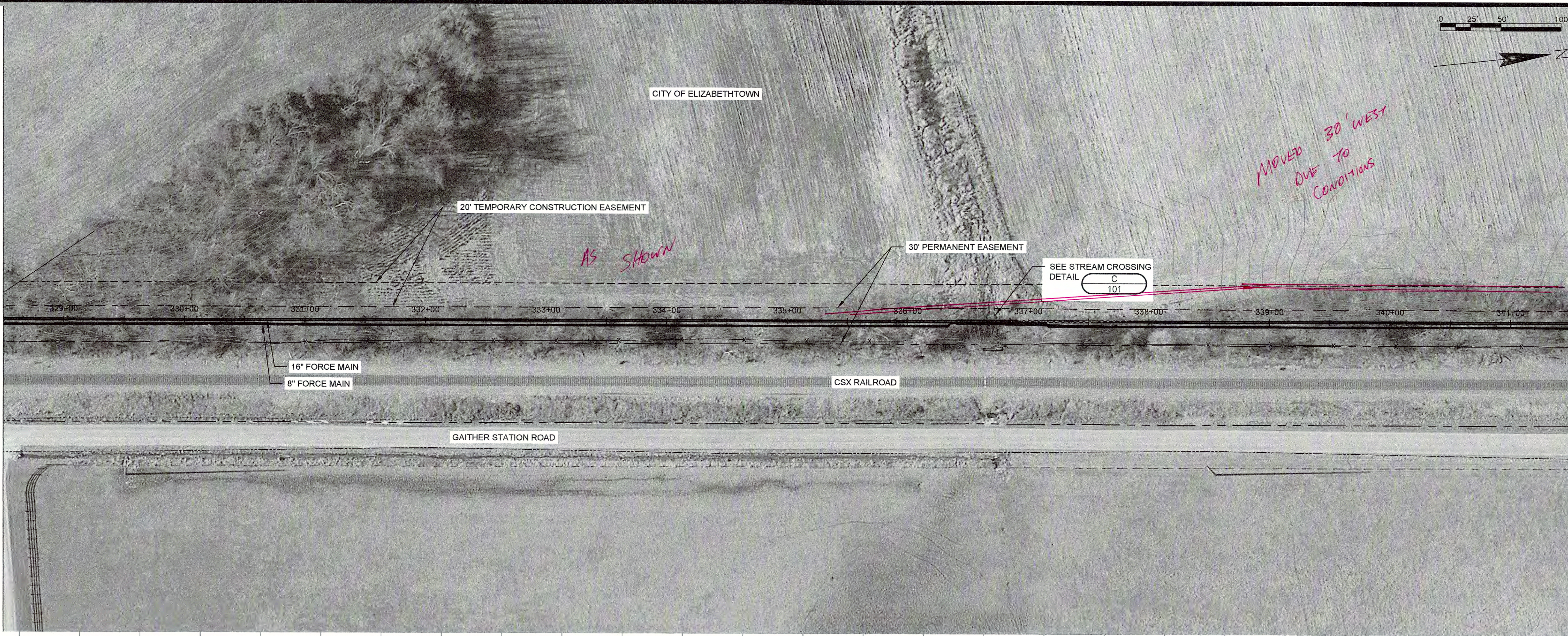
JOB NO.
 5980.020
 PROJECT MGR.
 MAS



SHEET
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MATCH LINE 328+50 SEE SHEET 54



MATCH LINE 341+50 SEE SHEET 56



NO.	REVISIONS	DATE

**INDUSTRIAL PARK NO. 2 AND ROSE RUN PUMP STATIONS
FORCE MAINS STA. 328+50 TO STA. 341+50
CONTRACT 2-2017**

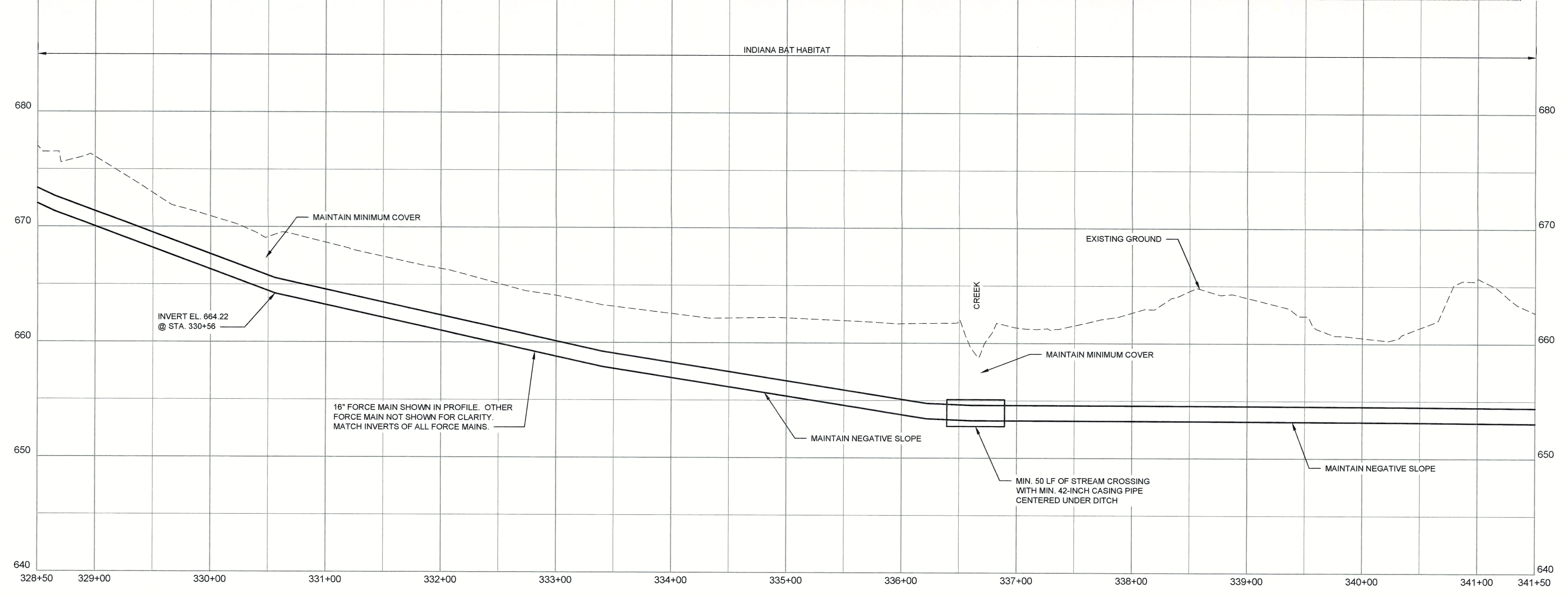
NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
HARDIN COUNTY WATER DISTRICT NO. 2
HARDIN COUNTY, KENTUCKY

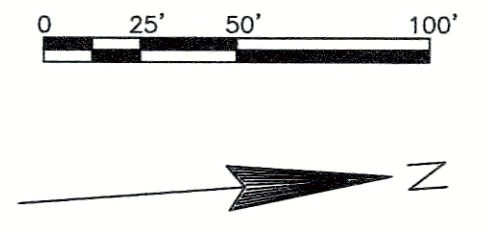
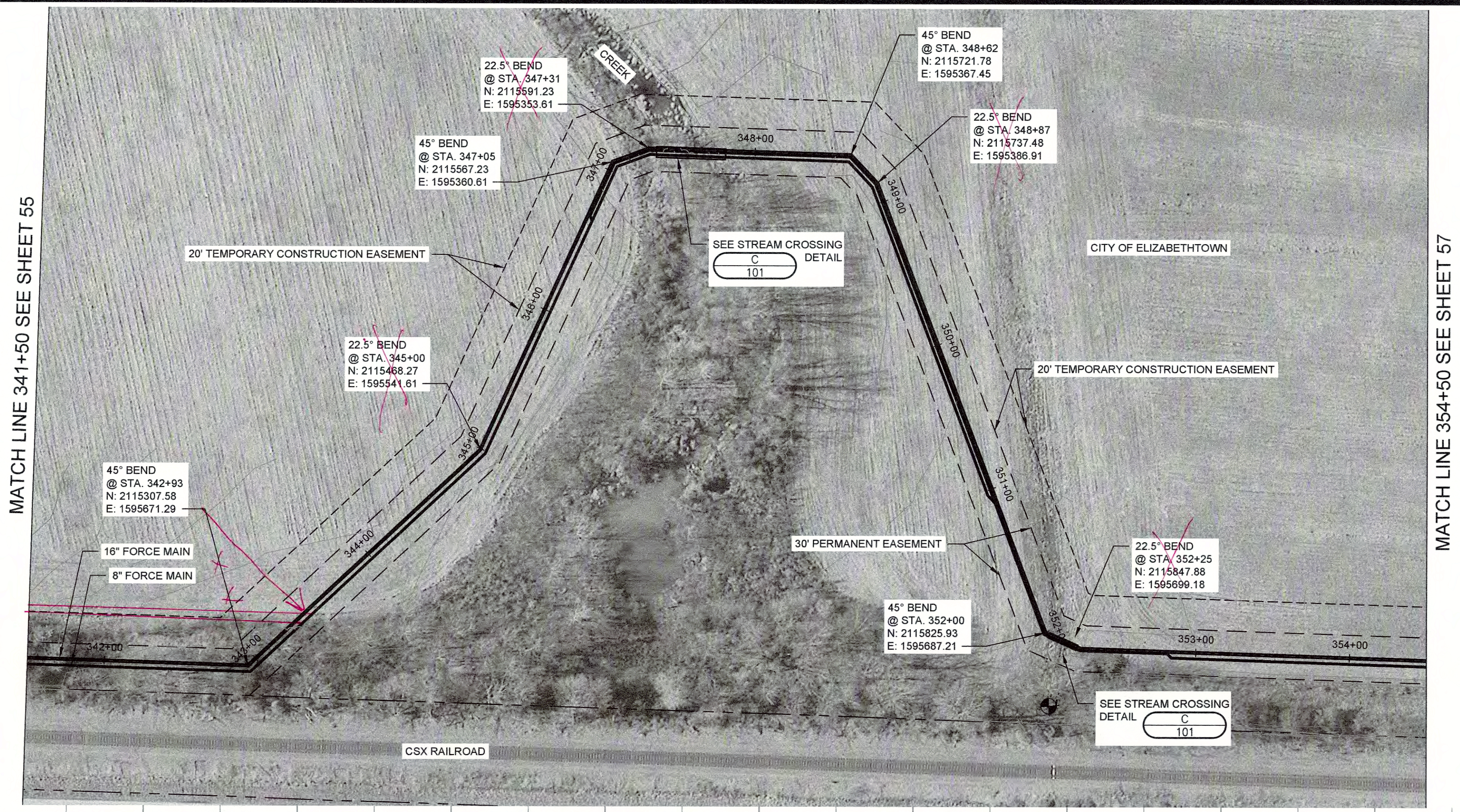
JOB NO.
5980.020

PROJECT MGR.
MAS



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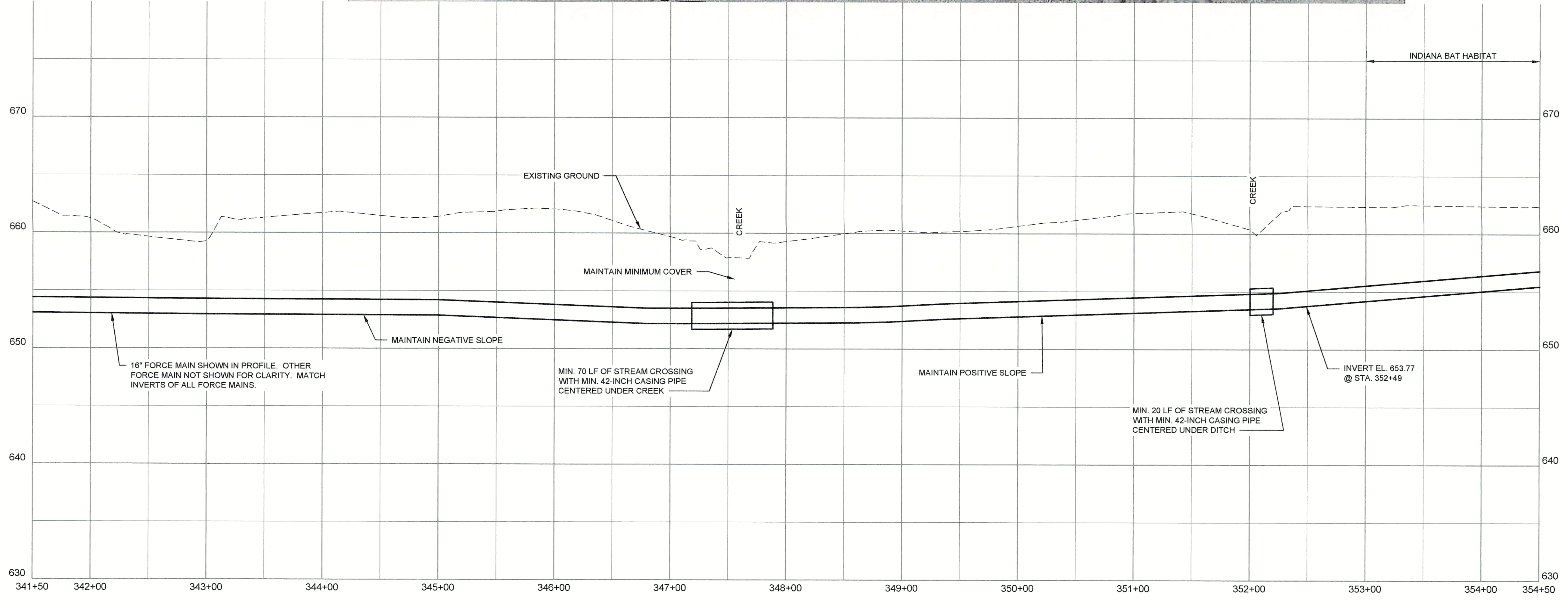
NO.	REVISIONS	DATE:

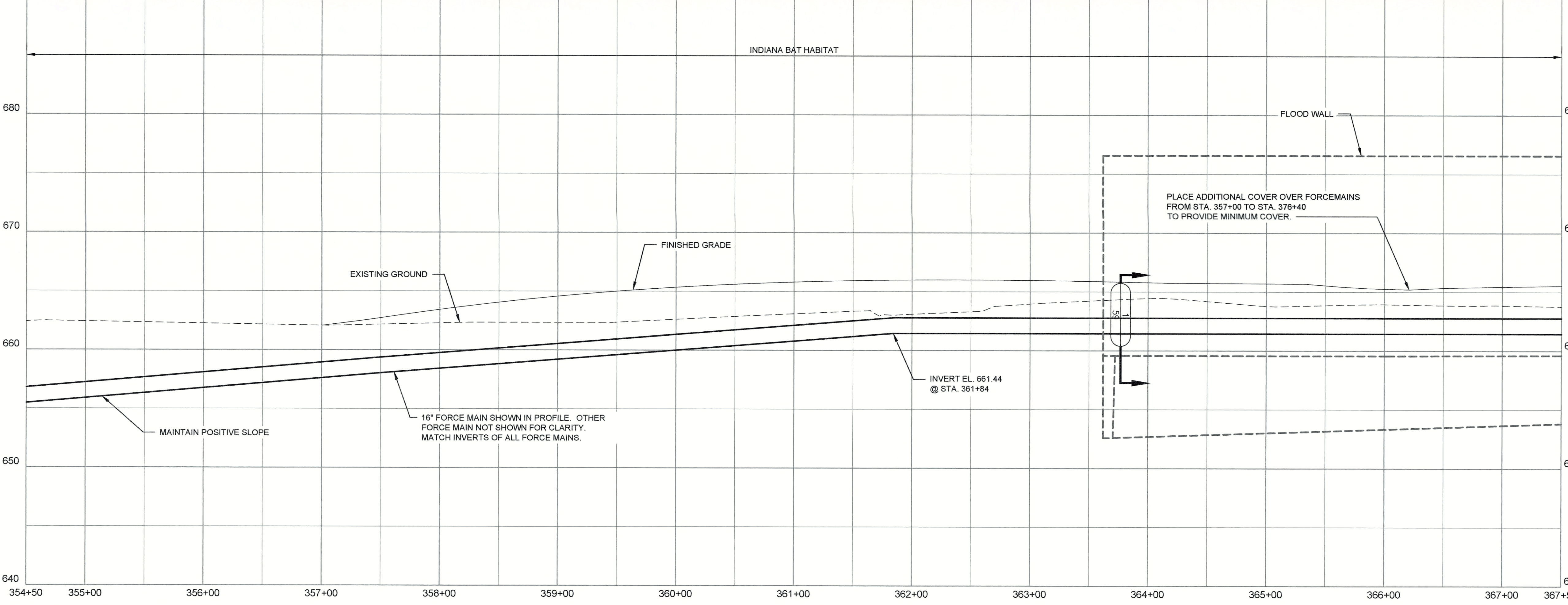
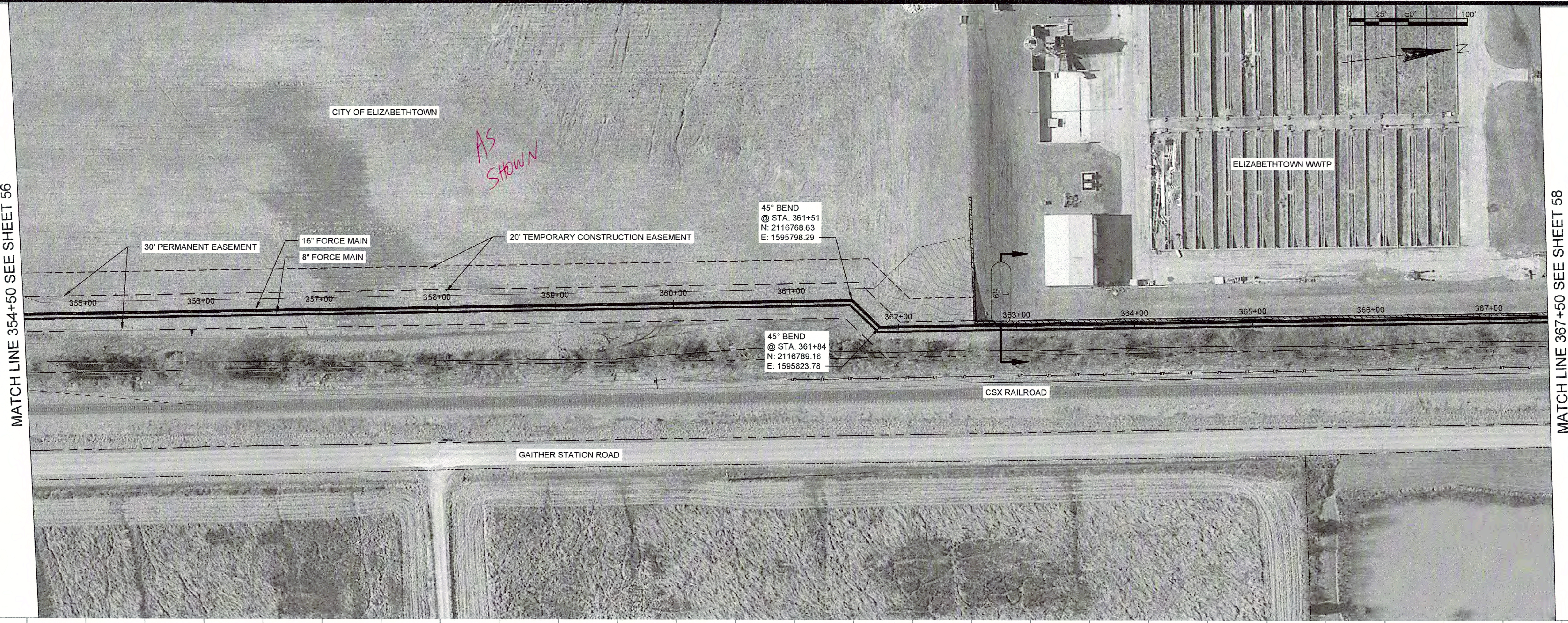
INDUSTRIAL PARK NO. 2 AND ROSE RUN PUMP STATIONS
FORCE MAINS STA. 341+50 TO STA. 354+50
CONTRACT 2-2017
 NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

JOB NO.
 5980.020
PROJECT MGR.
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NO.	REVISIONS

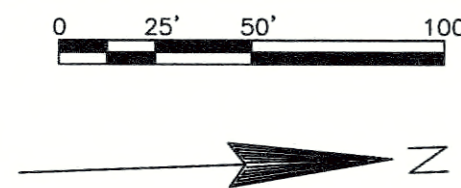
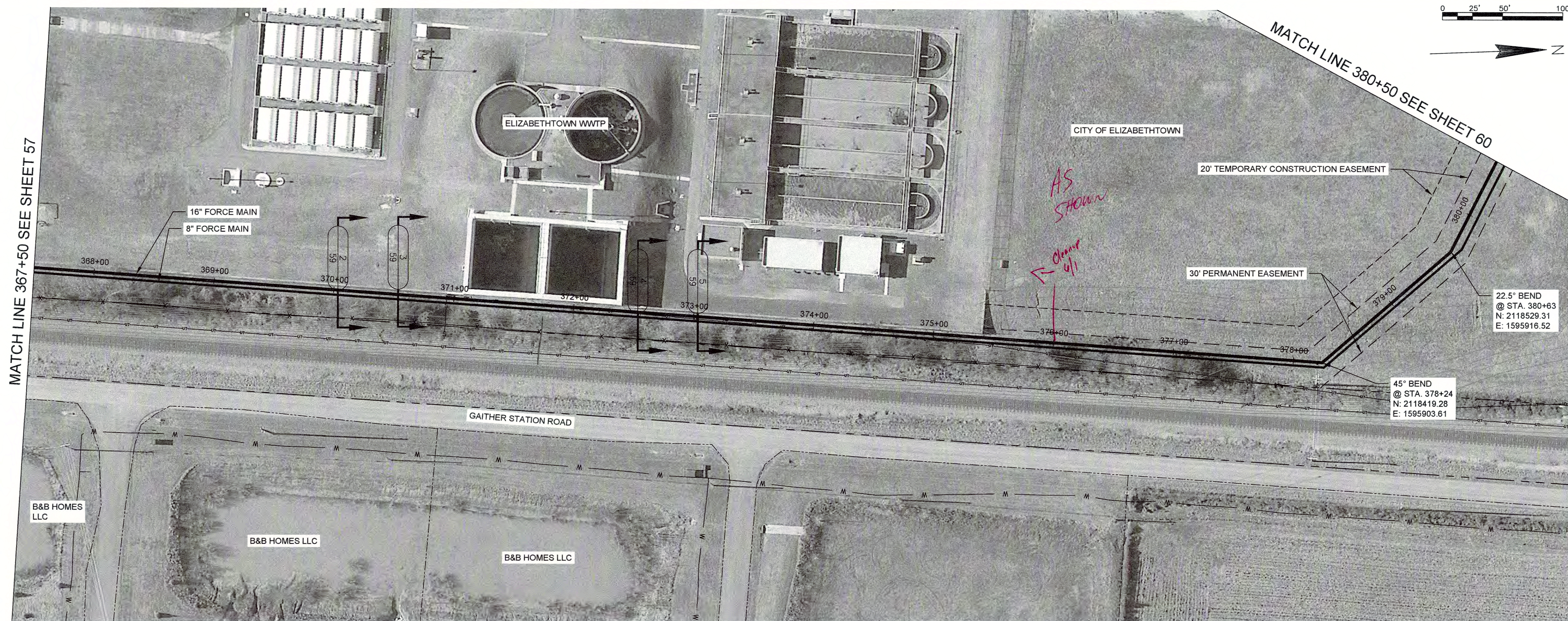
**INDUSTRIAL PARK NO. 2 AND ROSE RUN PUMP STATIONS
FORCE MAINS STA. 354+50 TO STA. 367+50
CONTRACT 2-2017**

NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
HARDIN COUNTY WATER DISTRICT NO. 2
HARDIN COUNTY, KENTUCKY

JOB NO.
5980.020
PROJECT MGR.
MAS



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MATCH LINE 367+50 SEE SHEET 57

MATCH LINE 380+50 SEE SHEET 60



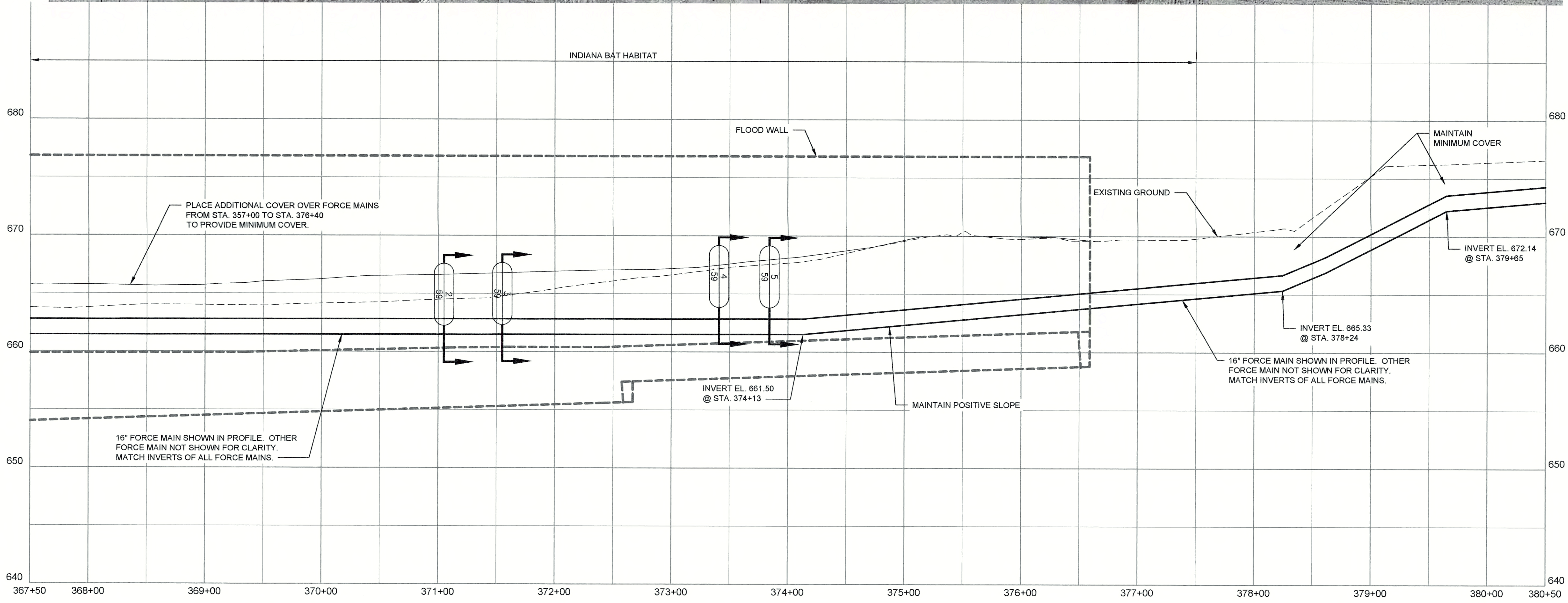
NO.	REVISIONS

INDUSTRIAL PARK NO. 2 AND ROSE RUN PUMP STATIONS
FORCE MAINS STA. 367+50 TO STA. 380+50
CONTRACT 2-2017
 NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

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NO.	REVISIONS	DATE

**INDUSTRIAL PARK NO. 2 AND ROSE RUN PUMP STATIONS
FORCE MAINS STA. 380+50 TO STA. 384+40
CONTRACT 2-2017**

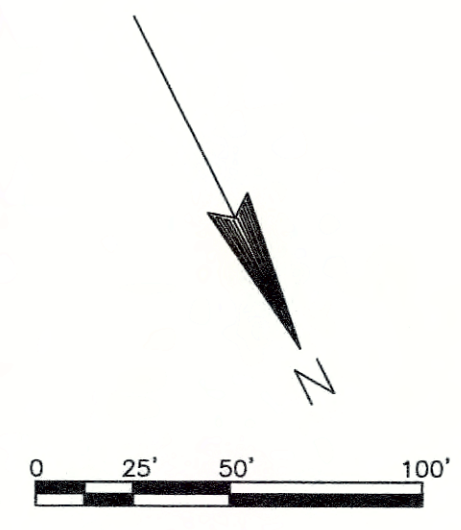
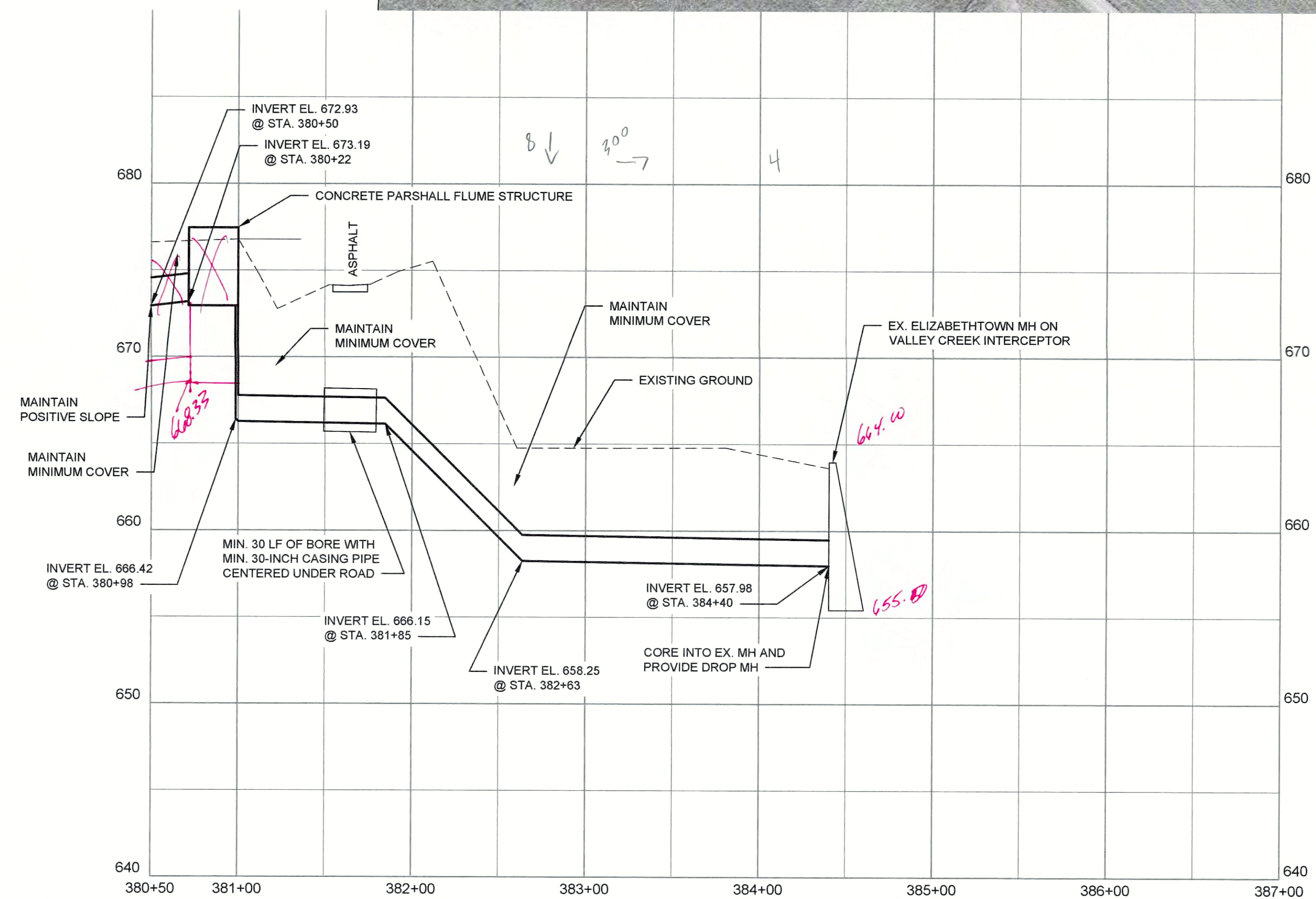
NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
HARDIN COUNTY WATER DISTRICT NO. 2
HARDIN COUNTY, KENTUCKY

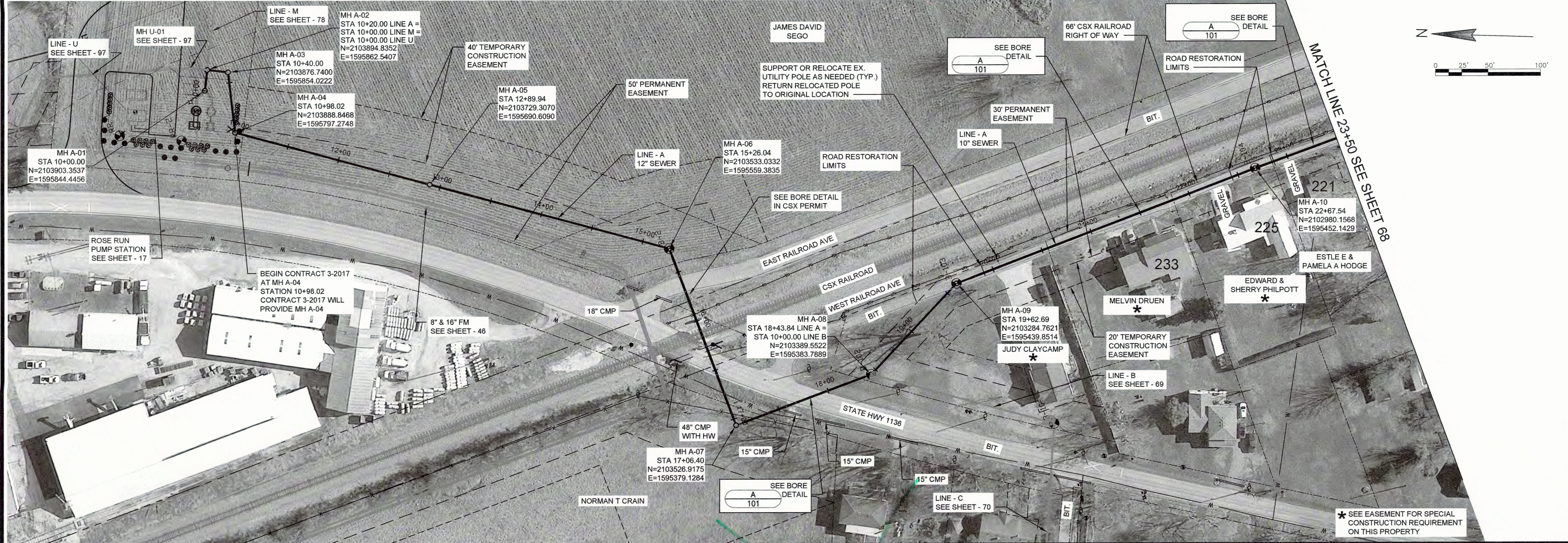
JOB NO.
5980.020

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MAS

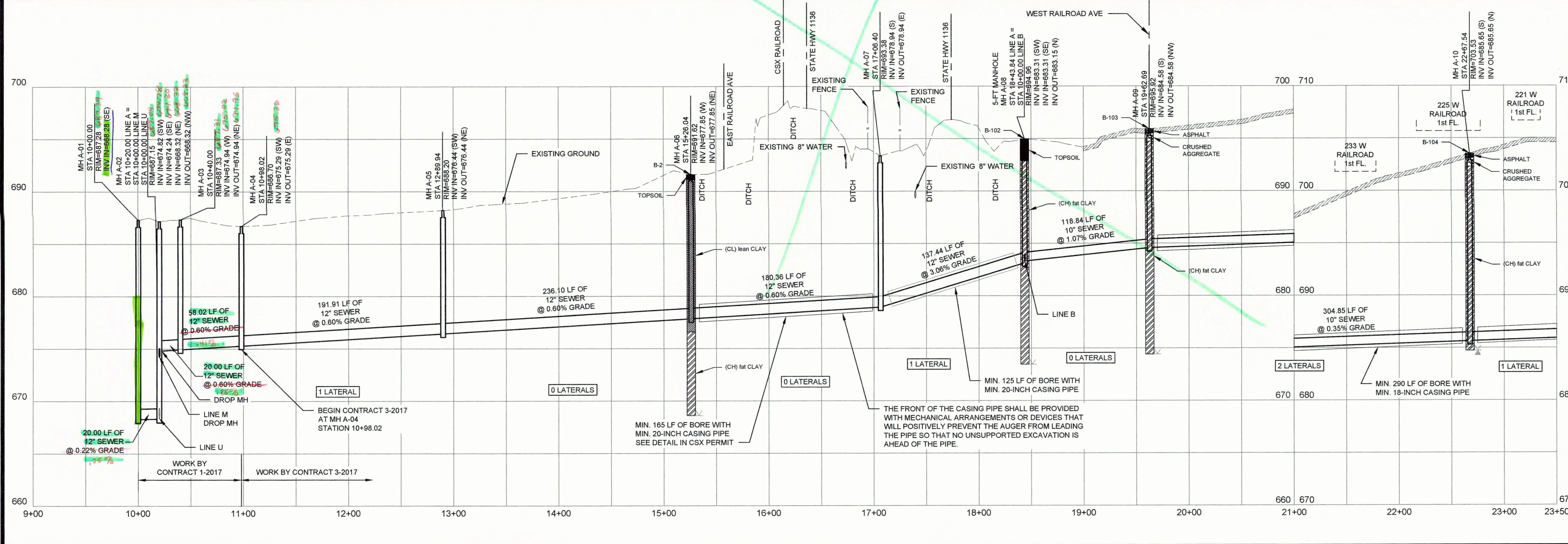


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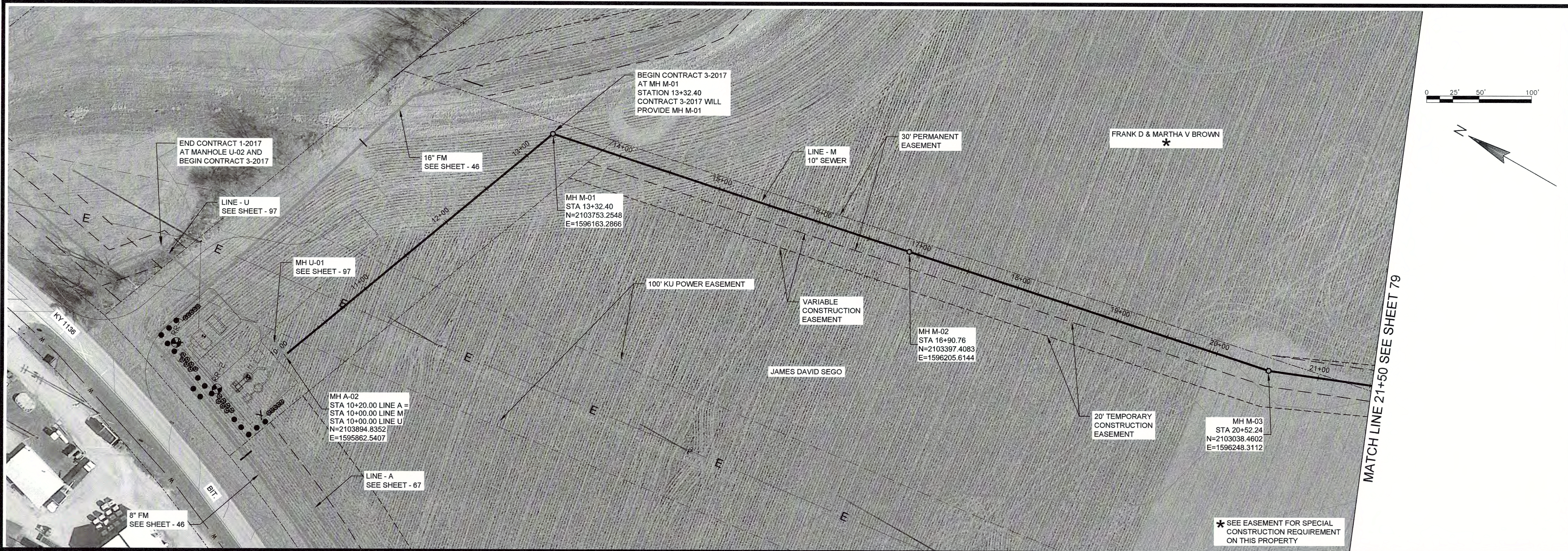
NO.	REVISIONS	DATE:



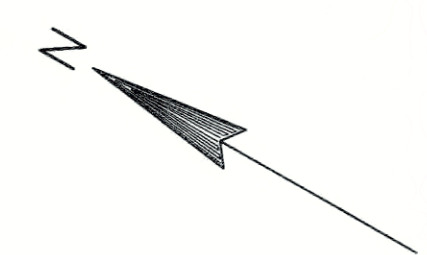
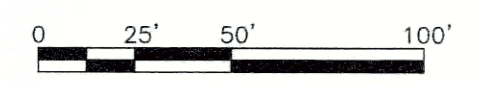
GRAVITY SEWER PLAN AND PROFILE
LINE A STA. 10+00 TO STA. 23+50
CONTRACT 3-2017
 NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

JOB NO. 5980.020
 PROJECT MGR. MAS

STRAND ASSOCIATES
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STATE OF KENTUCKY
 MARK A. SNEVE
 18511
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NO.	REVISIONS	DATE:

GRAVITY SEWER PLAN AND PROFILE
LINE M STA. 10+00 TO STA. 21+50
CONTRACT 3-2017
 NOLIN RIVER WATERSHED SEWER INFRASTRUCTURE
 HARDIN COUNTY WATER DISTRICT NO. 2
 HARDIN COUNTY, KENTUCKY

JOB NO.
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