



Kenton C. Ward, Surveyor Phone (317) 776-8495 Fax (317) 776-9628

Suite 188 One Hamilton County Square Noblesville, Indiana 46060-2230

June 1, 2015

To: Hamilton County Drainage Board

Re: Weaver & Hooke Drain Reconstruction & Relocation - IMI

Attached is a petition and plans for the proposed relocation of the Weaver & Hooke Drain. The relocation is being proposed by Irving Materials Incorporated. The proposal is to reconstruct the Weaver & Hooke Drain from approximately Sta. 77+95 which is the approximately 100 feet west of the west right-of-way line for Pennington Road, to Sta. 134+95 of the Weaver & Hooke Drain.

The new drain shall consist of open channel as shown on plans prepared by IMI, dated May 26, 2015 and titled "Weaver & Hooke Drain Relocation". The new drain will intercept the existing Drain at Weaver & Hooke station 77+95 which is shown on the IMI plans as Station 40+00 and will turn north at station 37+07 on the IMI plans and continue north to station 13+00 on the IMI plans at which point it will turn to the west to station 0+00 on the IMI plans which is station 134+95 on the original Weaver & Hooke Drain.

This line will consist of the following lengths:

4,000 feet of open channel

The total length of new open drain shall be 4,000 feet. The 5,700 feet of original open drain between Sta. 77+95 and Sta. 134+95 of the original description shall be vacated. This proposal will reduce the overall total footage of the Weaver & Hooke Drain by 1700 feet.

The cost of the relocation is to be paid by Irving Materials Incorporated. The engineers estimate for the construction is \$455,947.10. The required performance bond of 120% of the engineers estimate is \$547,136.52. The bond provided is in the amount \$547,500.00

120% of the engineers estimate is \$547,136.52. The bond provided is in the amount \$547,500.00

The petitioner has provided the performance bond as follows:

Name of Bonding Company: Continental Casualty Company

Bond Number: 929611329

Bond Date: May 8, 2015

Bond Amount: \$547,500.00

Bond Term: 2 years

Because the proposed reconstruction will be done upon the petitioner's property at the petitioner's expense it meets the requirements of I.C. 36-9-27-52.5 for a hearing. Therefore, I recommend approval by the Board at this time.

Sincerely,

Kenton C. Ward

Hamilton County Surveyor

KCW/adc

Revised June 1997

HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

FILED MAY 2 9 2015

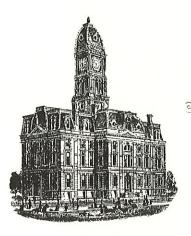
IN RE:	Weaver & Hooke Drain	
Hamil	ton County, Indiana	
* ********	ton county, maining	

OFFICE OF HAMILTON COUNTY SURVEYOR

PETITION FOR RELOCATION AND RECONSTRUCTION

	Irving Materials Stony Creek Quarry (hereinafter Petitioner"),				
nereby	petitions the Hamilton County Drainage Board for authority to relocate and improve a				
ection	of the Drain, and in support of				
	etition advises the Board that:				
1.	Petitioner owns real estate through which a portion of the Weaver & Hooke				
	Drain runs.				
2.	Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains,				
	sanitary sewers and other structures.				
3. Petitioner's proposed development of its real estate will require relocation and					
	reconstruction of a portion of the Weaver & Hooke Drain, as				
	specifically shown on engineering plans and specifications filed with the Hamilton				
	County Surveyor.				
4.	4. The work necessary for the proposed relocation and reconstruction will be undertaken at				
the sole expense of the Petitioner and such work will result in substantial improvement to					
	the Weaver & Hooke Drain, without cost to other property owners				
	on the watershed of the Drain.				
5.	Proposed relocation and reconstruction will not adversely affect other land owners within				
	the drainage shed.				
6.	Petitioner requests approval of the proposed relocation and reconstruction under				
	IC 36-9-27-52.5.				
V	WHEREFORE, Petitioner requests that an Order issued from the Hamilton County				
Oraina	age Board authorizing relocation and reconstruction of the Weaver & Hooke				
Orain,	in conformance with applicable law and plans and specifications on file with the Hamilton				
County	y Surveyor.				
	Down human				
	Signed Signed				
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Adobe PDF Filiable Form





Kenton C. Ward, CFM Surveyor of Hamilton County Phone (317) 776-8495

Fax (317) 776-9628

To: Hamilton County Drainage Board

Suite 188 One Hamilton County Square Noblesville, Indiana 46060-2230

April 2, 2018

Re: Weaver & Hooke Regulated Drain Reconstruction Final Inspection Report

FINAL REPORT

This is the inspector's final report on the Weaver & Hooke Regulated Drain Reconstruction, located in section 35, Township 19 north and Range 5 east, Wayne Township in Hamilton County, Indiana.

The Date of the Surveyor's Report for the Weaver & Hooke Regulated Drain Reconstruction was June 1, 2015. The reconstruction was approved by the Board on June 8, 2015 (Hamilton County Drainage Board Minutes Book (Book) 16 Pages 217 - 218). This was a 52.5 reconstruction hearing. This reconstruction was paid for by Irving Materials Incorporated (IMI). The engineer's estimate for the reconstruction was \$455,947.10. A performance bond for \$547,500.00 was provided by IMI. This amount is 120% of the engineer's estimate.

The reconstruction consisted of constructing 3569 feet of new open ditch, intercepting the existing Drain at Weaver & Hooke station 78+14 which is shown on the IMI plans as Station 40+00 and then turns north at station 37+07 on the IMI plans and continue north to station 13+00 on the IMI plans at which point it turns to the west to station 0+00 on the IMI plans. From station 0+00 on the IMI plans it enters an existing channel 259 feet in length and enters the existing open ditch which is station 131+01 on the original Weaver & Hooke Drain.

The 5287 feet of original open drain between Sta. 78+14 and Sta. 131+01 of the original description shall be vacated. This reconstruction/relocation reduces the overall total footage of the Weaver & Hooke Drain by 1459 feet.

The final inspection of the reconstruction was on October 27, 2016.

The as-built (record) drawings were prepared by Miller Surveying for IMI and was received by this office on March 22, 2018. A certificate of completion and compliance was received in the Hamilton County Surveyor's Office in February 2017. I recommend the Board approve the reconstruction as complete and acceptable and release the performance bond provided by IMI.

Respectfully,

Andrew Conover

Inspector

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

RE: WEAVER + HOOKE DRAIN

I hereby certify that:

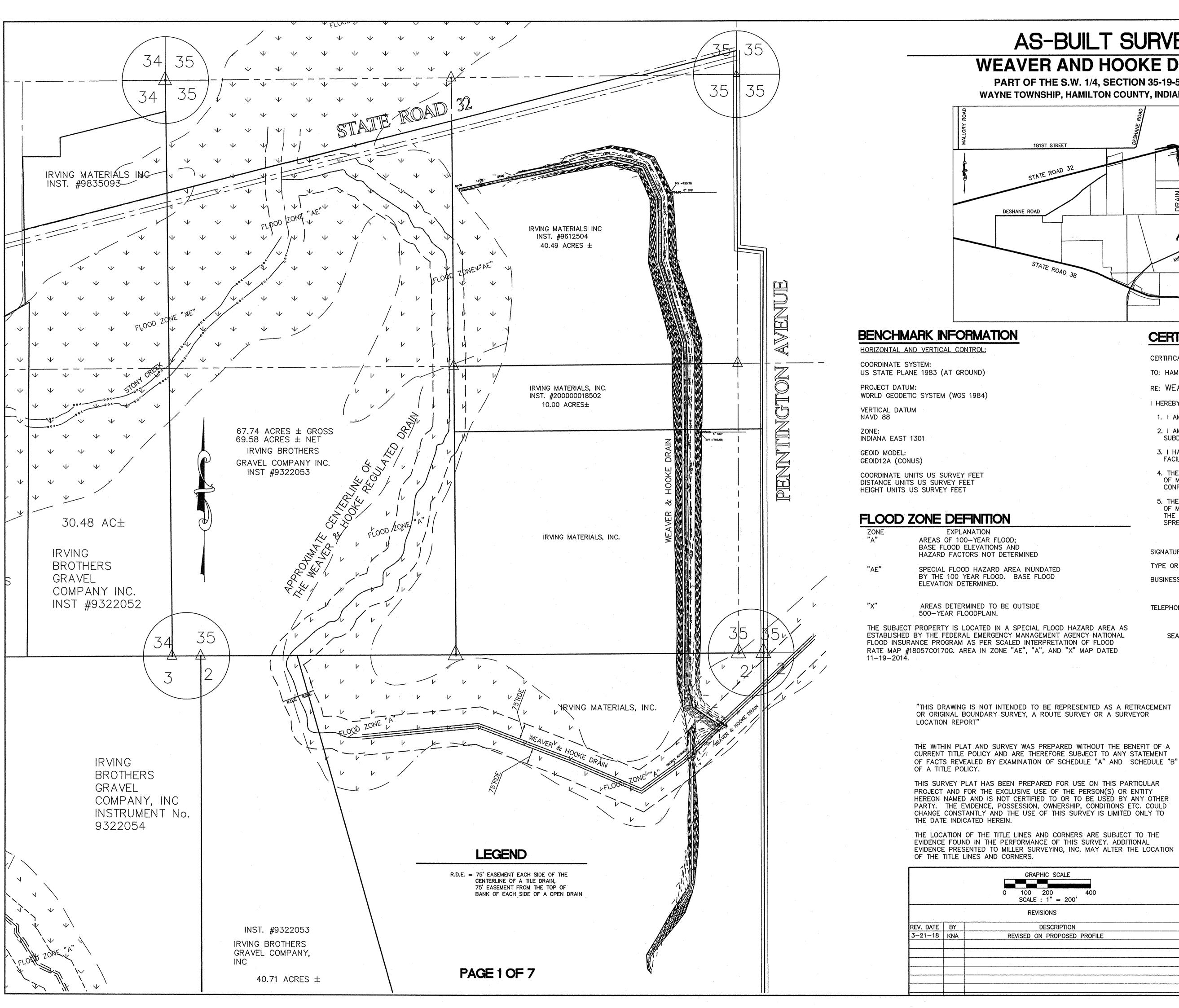
- 1. I am a Registered Land Surveyor or Engineer in the State of Indiana.
- 2. I am familiar with the plans and specifications for the above referenced subdivision.
- 3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision.
- 4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications.
- 5. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been correctly represented on the Record Drawings, Digital Record Drawings and the Structure Data Spreadsheet.

Signature: KA	Jath att
Type or Print Name: _	K. Nathan Althouse
	MILLER SURVEYING ING
	948 CONNER STREET
Telephone Number:	317-773-2644

SEAL

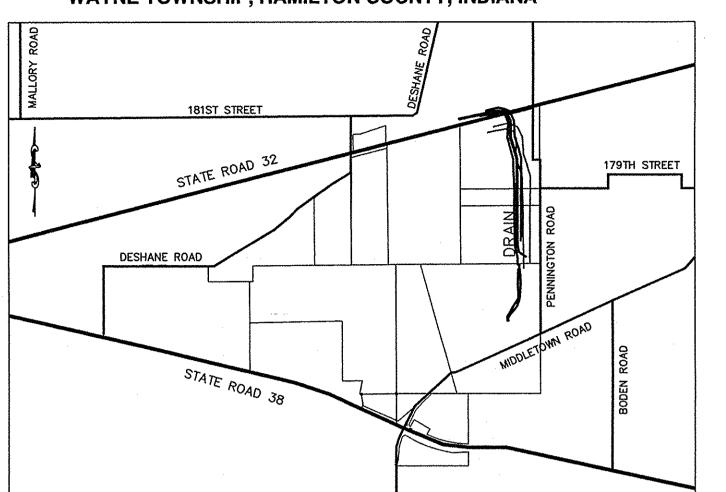


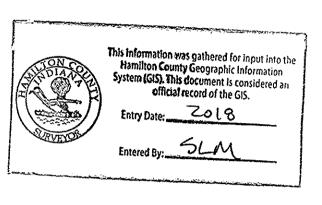
indiana registration number # LS 20400007



WEAVER AND HOOKE DRAIN

PART OF THE S.W. 1/4, SECTION 35-19-5 WAYNE TOWNSHIP, HAMILTON COUNTY, INDIANA





BENCHMARK INFORMATION

HORIZONTAL AND VERTICAL CONTROL:

WORLD GEODETIC SYSTEM (WGS 1984)

COORDINATE UNITS US SURVEY FEET DISTANCE UNITS US SURVEY FEET HEIGHT UNITS US SURVEY FEET

FLOOD ZONE DEFINITION

EXPLANATION

AREAS OF 100-YEAR FLOOD; BASE FLOOD ELEVATIONS AND HAZARD FACTORS NOT DETERMINED

SPECIAL FLOOD HAZARD AREA INUNDATED BY THE 100 YEAR FLOOD. BASE FLOOD ELEVATION DETERMINED.

AREAS DETERMINED TO BE OUTSIDE 500—YEAR FLOODPLAIN.

THE SUBJECT PROPERTY IS LOCATED IN A SPECIAL FLOOD HAZARD AREA AS ESTABLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE PROGRAM AS PER SCALED INTERPRETATION OF FLOOD RATE MAP #18057C0170G. AREA IN ZONE "AE", "A", AND "X" MAP DATED 11-19-2014.

CERTIFICATE OF COMPLETION AND COMPLIANCE

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: WEAVER & HOOKE DRAIN

I HEREBY CERTIFY THAT:

1. I AM A REGISTERED LAND SURVEYOR OR ENGINEER IN THE STATE OF INDIANA.

- 2. I AM FAMILIAR WITH THE PLANS AND SPECIFICATIONS FOR THE ABOVE REFERENCED
- 3. I HAVE PERSONALLY OBSERVED AND SUPERVISED THE COMPLETION OF THE DRAINAGE FACILITIES FOR THE ABOVE REFERENCED SUBDIVISION.
- 4. THE DRAINAGE FACILITIES WITHIN THE ABOVE REFERENCED SUBDIVISION TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF HAVE BEEN INSTALLED AND COMPLETED IN CONFORMITY WITH ALL PLANS AND SPECIFICATIONS.
- 5. THE DRAINAGE FACILITIES WITHIN THE ABOVE REFERENCED SUBDIVISION TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF HAVE BEEN CORRECTLY REPRESENTED ON THE RECORD DRAWINGS, DIGITAL RECORD DRAWINGS AND THE STRUCTURE DATA SPREADSHEET.

TYPE OR PRINT NAME: K. NATHAN ALTHOUSE

BUSINESS ADDRESS: MILLER SURVEYING, INC

948 CONNER STREET

NOBLESVILLE, IN 46060

TELEPHONE NUMBER: 317-773-2644

INDIANA REGISTRATION NUMBER

No. ∠ LS20400007 STATE OF .. AMAIDN.

SEAL

____#LS20400007_

CERTIFICATION BY SURVEYOR

The attached ASBUILT DRAWINGS, page PAGE 1 OF 1, to the best of my knowledge and belief a true and correct representation of the AS-BUILT REGILATED DRAINE installation.

Nathan Althouse #LS20400007

Date 2/24/2017 Miller Surveying, Inc. 948 Conner Street

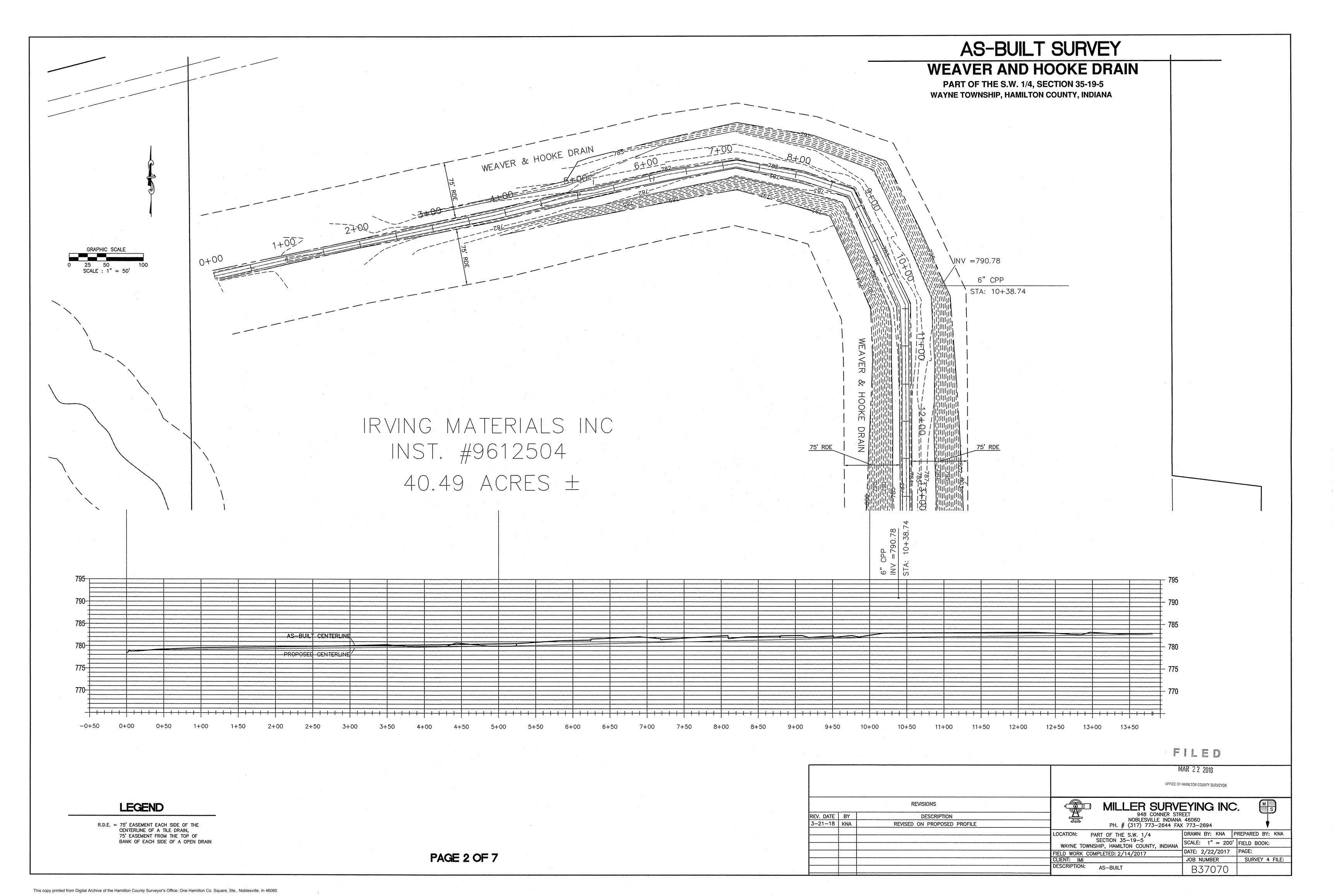


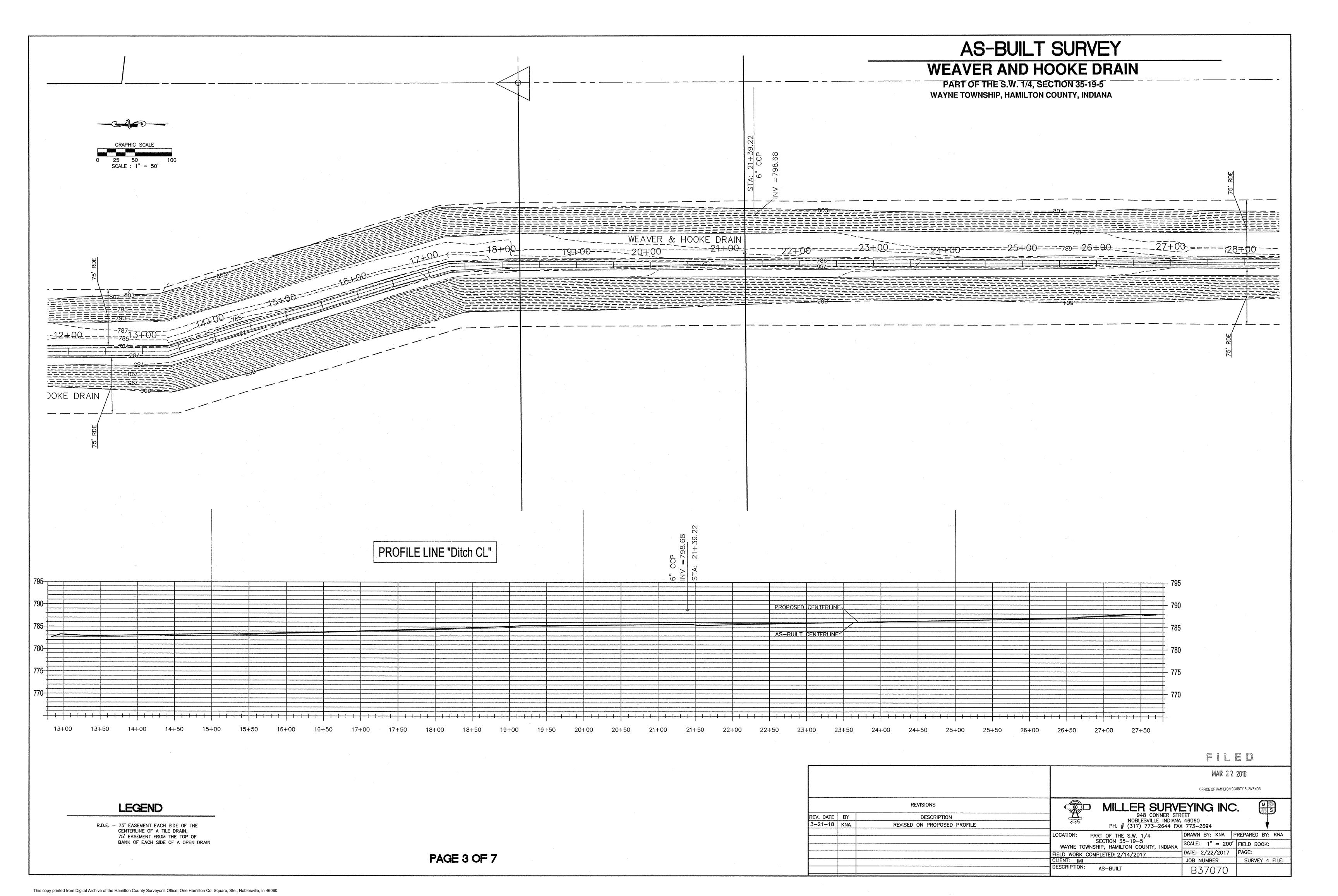
Noblesville, IN 46060 (317) 773 - 2644000.00 = DESIGN VALUE(000.00) = AS-BUILT VALUE

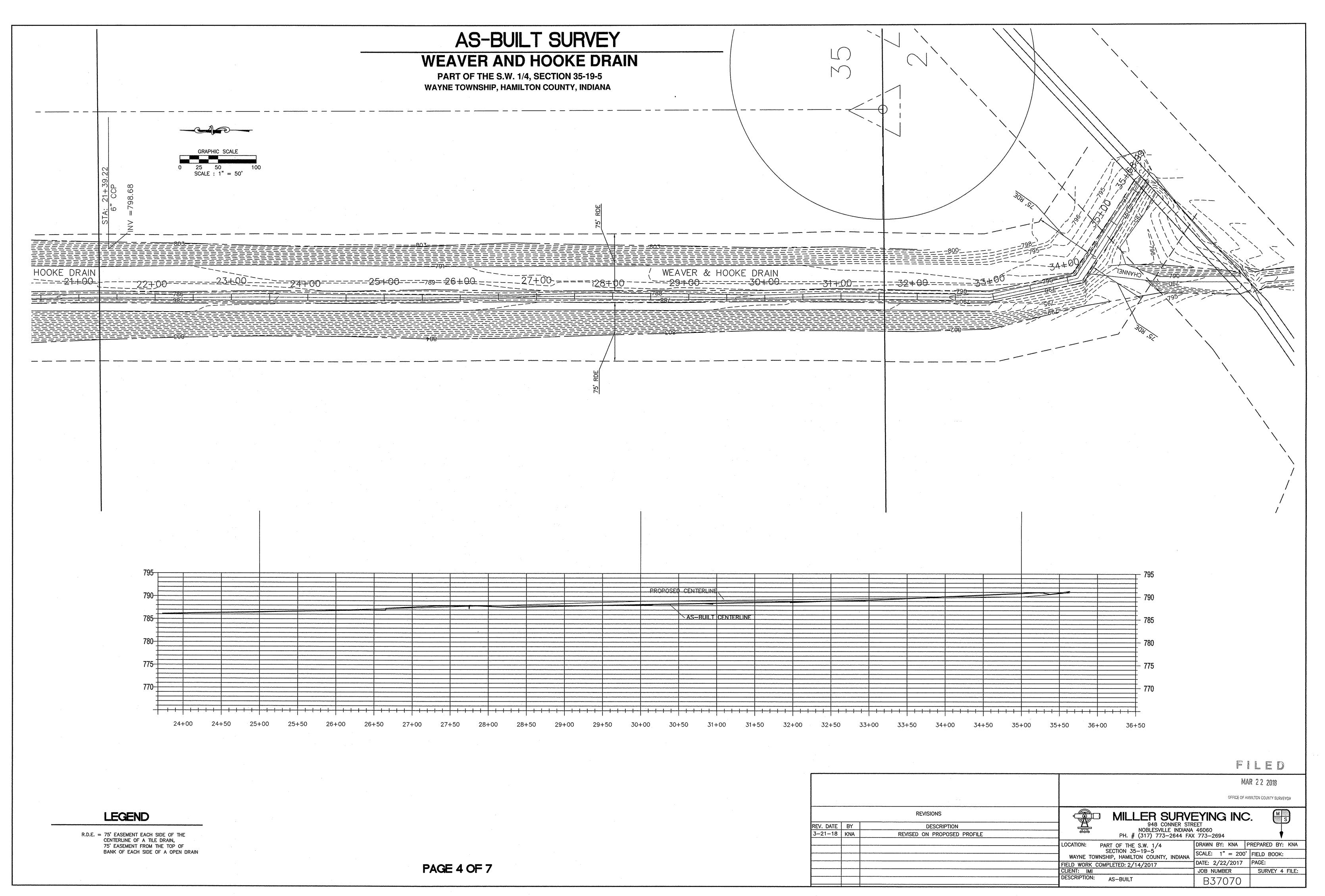


2/27/2017

		GRAPHIC SCALE 0 100 200 400 SCALE: 1" = 200'	OFFICE OF TAMBLETON COU
REVISIONS		REVISIONS	MILLER SURVEYING INC.
REV. DATE	BY	DESCRIPTION	948 CONNER STREET NOBLESVILLE INDIANA 46060
3-21-18	KNA	REVISED ON PROPOSED PROFILE	PH. # (317) 773–2644 FAX 773–2694
			LOCATION: PART OF THE S.W. 1/4 DRAWN BY: KNA PREPARED BY: KNA
			SECTION 35-19-5 WAYNE TOWNSHIP, HAMILTON COUNTY, INDIANA SCALE: 1" = 200' FIELD BOOK:
			FIELD WORK COMPLETED: 2/14/2017 DATE: 2/22/2017 PAGE:
			CLIENT: IMI JOB NUMBER SURVEY 4 FILE:
			DESCRIPTION: AS-BUILT B37070



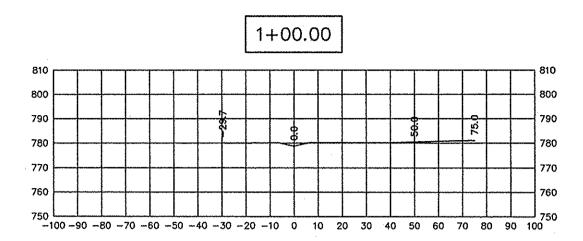


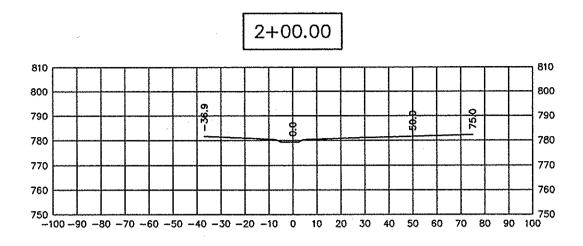


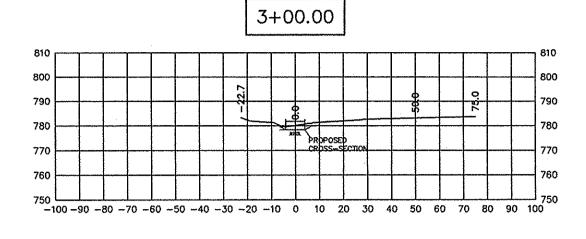
WEAVER AND HOOKE DRAIN

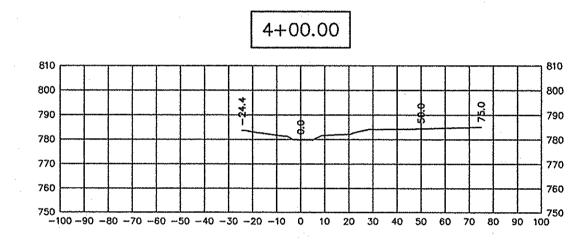
PART OF THE S.W. 1/4, SECTION 35-19-5 WAYNE TOWNSHIP, HAMILTON COUNTY, INDIANA

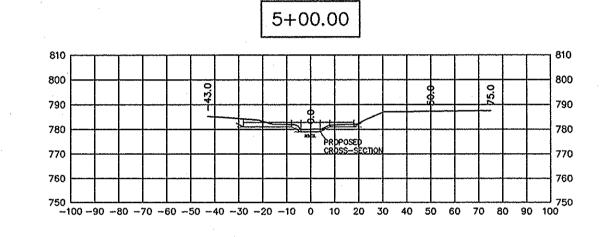


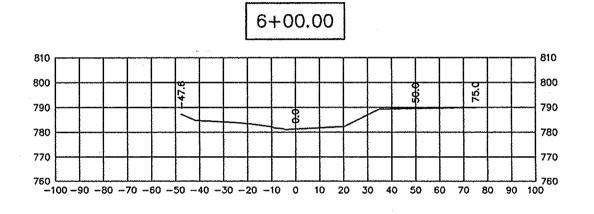


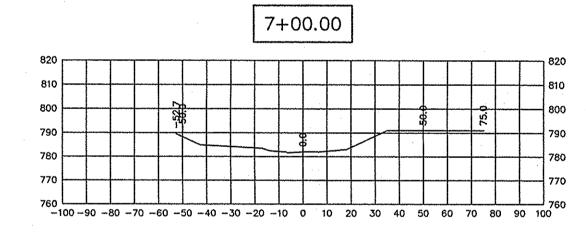


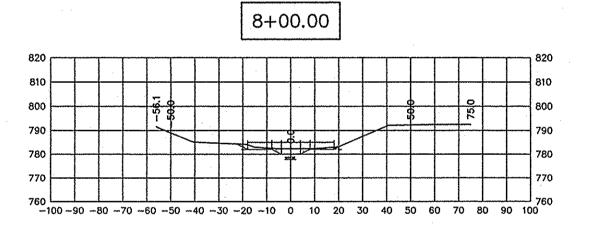


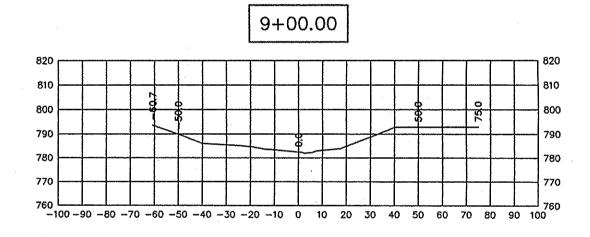


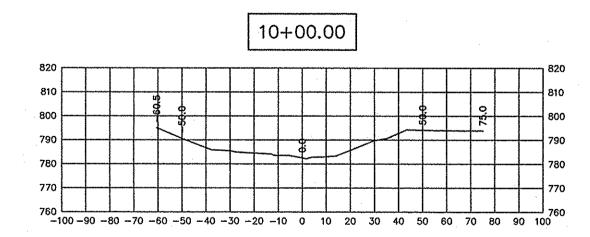


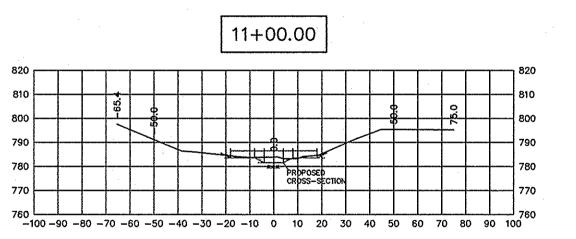


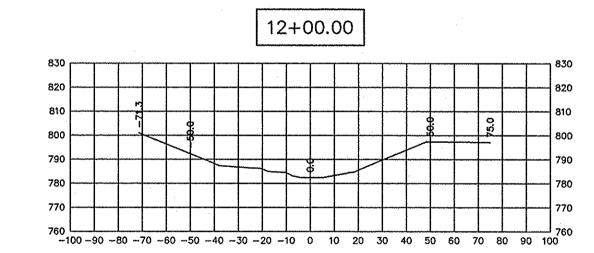


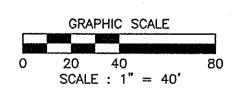












THE WITHIN PLAT AND SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE POLICY AND ARE THEREFORE SUBJECT TO ANY STATEMENT OF FACTS REVEALED BY EXAMINATION OF SCHEDULE "A" AND SCHEDULE "B" OF A TITLE POLICY.

THIS SURVEY PLAT HAS BEEN PREPARED FOR USE ON THIS PARTICULAR PROJECT AND FOR THE EXCLUSIVE USE OF THE PERSON(S) OR ENTITY HEREON NAMED AND IS NOT CERTIFIED TO OR TO BE USED BY ANY OTHER PARTY. THE EVIDENCE, POSSESSION, OWNERSHIP, CONDITIONS ETC. COULD CHANGE CONSTANTLY AND THE USE OF THIS SURVEY IS LIMITED ONLY TO THE DATE INDICATED HEREIN.

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BENCHMARK INFORMATION

HORIZONTAL AND VERTICAL CONTROL:

COORDINATE SYSTEM: US STATE PLANE 1983 (AT GROUND)

PROJECT DATUM: WORLD GEODETIC SYSTEM (WGS 1984) VERTICAL DATUM NAVD 88

ZONE: INDIANA EAST 1301

GEOID MODEL: GEOID12A (CONUS)

COORDINATE UNITS US SURVEY FEET DISTANCE UNITS US SURVEY FEET HEIGHT UNITS US SURVEY FEET

CERTIFICATION BY SURVEYOR

The attached ASBUILT DRAWINGS, page PAGE 1 OF 1, to the best of my knowledge and belief a true and correct representation of the AS-BUILT REGILATED DRAINE installation.



(000.00) = AS-BUILT VALUE

Nathan Althouse #LS20400007 Date 2/24/2017 Miller Survéying, Inc. 948 Conner Street Noblesville, IN 46060 (317) 773-2644 -000:00 = DESIGN VALUE

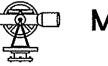


4-22-2017

3-21-18 KNA REVISED ON PROPOSED PROFILE LED

MAR 22 2018

OFFICE OF HAMILTON COUNTY SURVEYOR







PART OF THE S.W. 1/4 SECTION 35-19-5 DRAWN BY: KNA PREPARED BY: KNA SCALE: 1" = 200' FIELD BOOK: WAYNE TOWNSHIP, HAMILTON COUNTY, INDIANA DATE: 2/22/2017 PAGE: FIELD WORK COMPLETED: 2/14/2017 JOB NUMBER SURVEY 4 FILE: DESCRIPTION: B37070 AS-BUILT

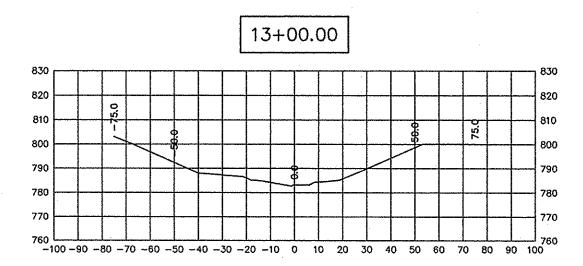
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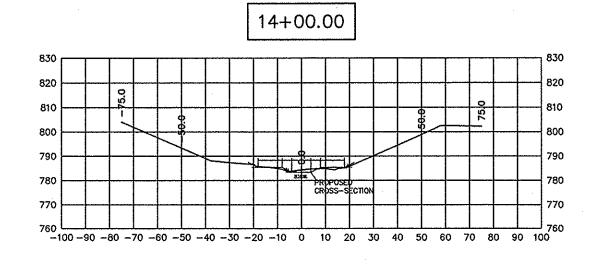
PAGE 5 OF 7

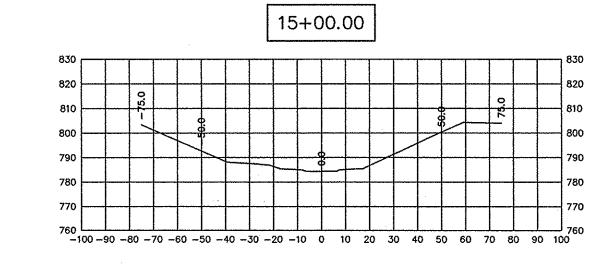
WEAVER AND HOOKE DRAIN

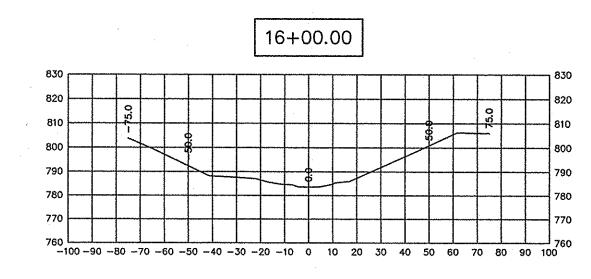
PART OF THE S.W. 1/4, SECTION 35-19-5 WAYNE TOWNSHIP, HAMILTON COUNTY, INDIANA

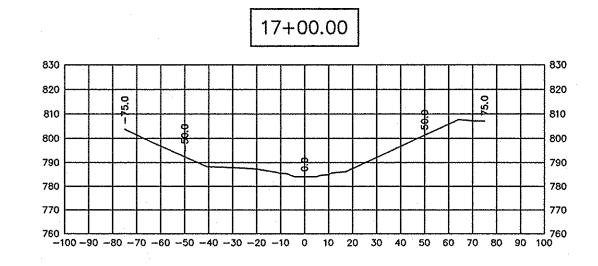


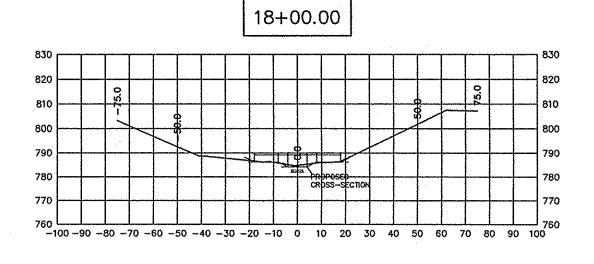


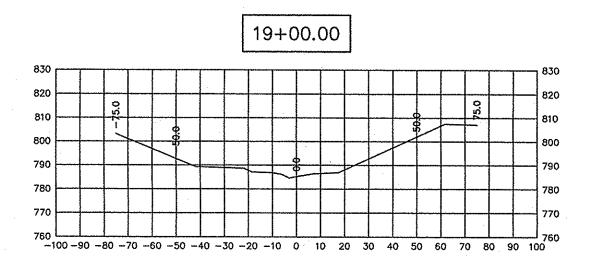


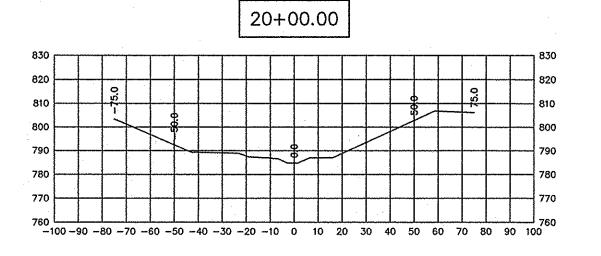


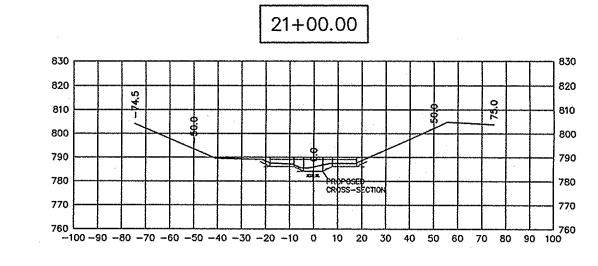


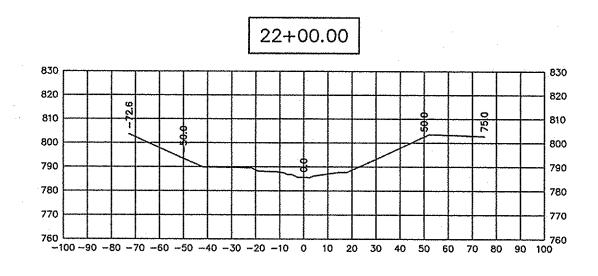


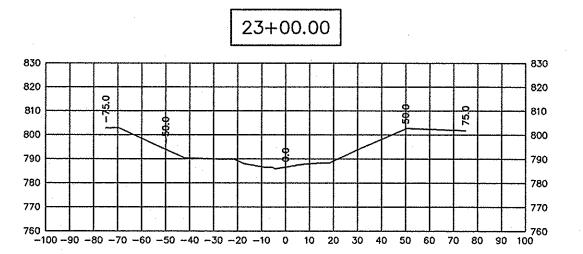


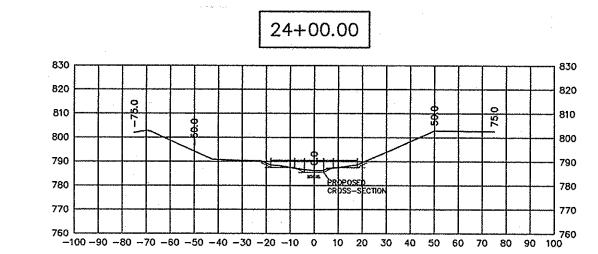


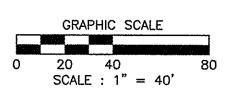












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BENCHMARK INFORMATION

HORIZONTAL AND VERTICAL CONTROL:

COORDINATE SYSTEM: US STATE PLANE 1983 (AT GROUND)

PROJECT DATUM: WORLD GEODETIC SYSTEM (WGS 1984)

VERTICAL DATUM NAVD 88

INDIANA EAST 1301

GEOID MODEL: GEOID12A (CONUS)

COORDINATE UNITS US SURVEY FEET DISTANCE UNITS US SURVEY FEET HEIGHT UNITS US SURVEY FEET

CERTIFICATION BY SURVEYOR

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(000.00) = AS-BUILT VALUE

Nathan Althouse #LS20400007 Date 2/24/2017 Miller Surveying, Inc. 948 Conner Street Noblesville, IN 46060 (317) 773-2644 000.00 = DESIGN VALUE



4-22-2017

3-21-18 KNA REVISED ON PROPOSED PROFILE

MAR 22 2018

OFFICE OF HAMILTON COUNTY SURVEYOR





PH. # (317) 773-2644 FAX 773-2694 PART OF THE S.W. 1/4 SECTION 35-19-5 DRAWN BY: KNA PREPARED BY: KNA SCALE: 1" = 200' | FIELD BOOK: WAYNE TOWNSHIP, HAMILTON COUNTY, INDIANA DATE: 2/22/2017 FIELD WORK COMPLETED: 2/14/2017 CLIENT: IMI JOB NUMBER SURVEY 4 FILE: DESCRIPTION: AS-BUILT

B37070

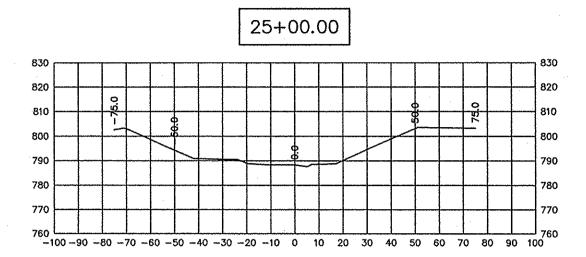
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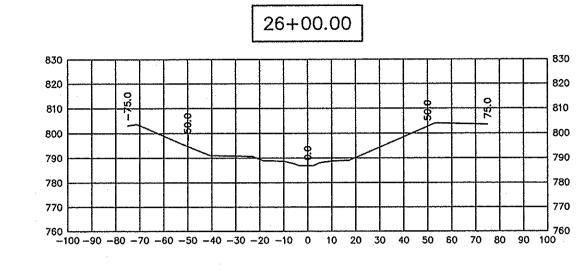
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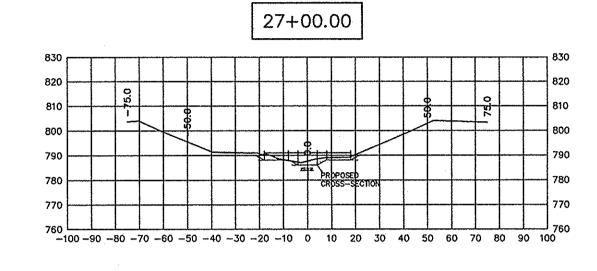
WEAVER AND HOOKE DRAIN

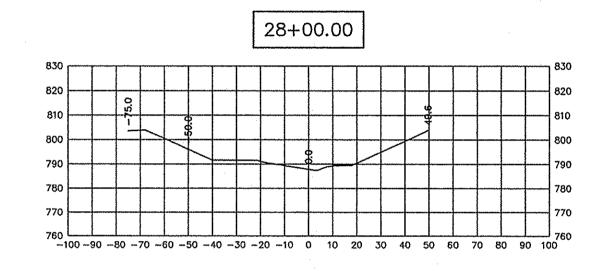
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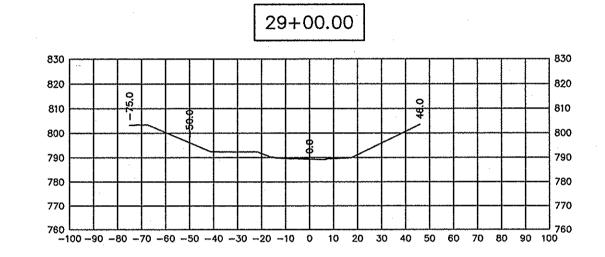


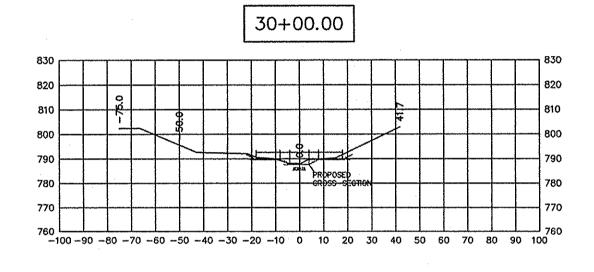


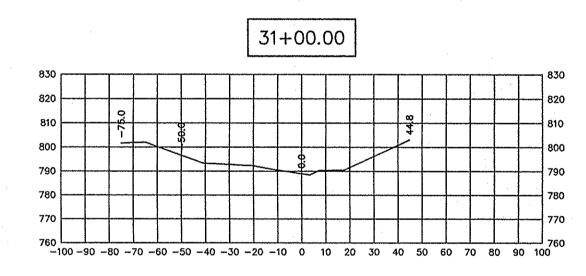


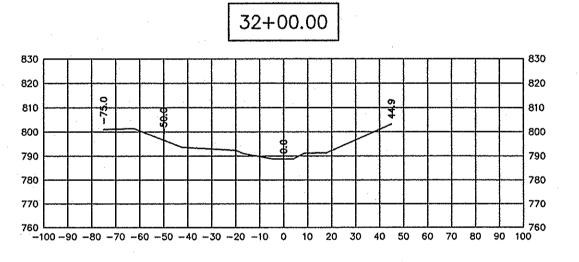


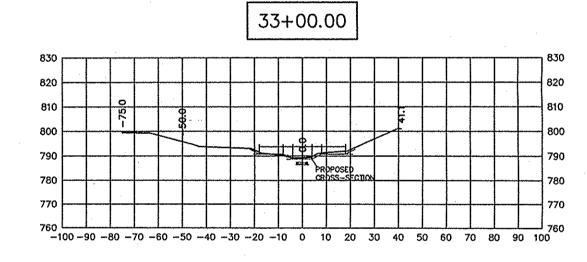


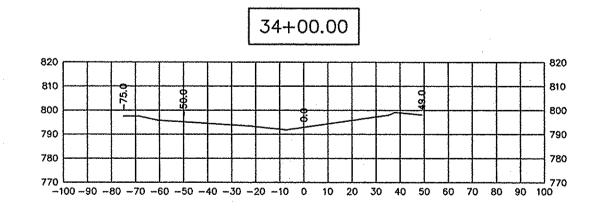


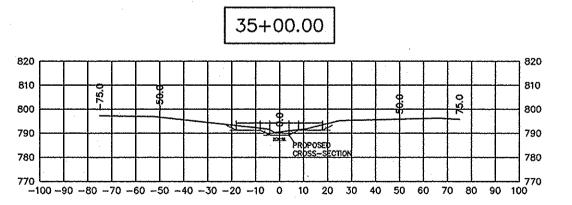












GRAPHIC SCALE 20 40 SCALE : 1" = 40'

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BENCHMARK INFORMATION

HORIZONTAL AND VERTICAL CONTROL:

COORDINATE SYSTEM: US STATE PLANE 1983 (AT GROUND)

PROJECT DATUM: WORLD GEODETIC SYSTEM (WGS 1984)

VERTICAL DATUM

ZONE: INDIANA EAST 1301

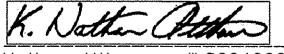
NAVD 88

GEOID MODEL: GEOID12A (CONUS)

COORDINATE UNITS US SURVEY FEET DISTANCE UNITS US SURVEY FEET HEIGHT UNITS US SURVEY FEET

CERTIFICATION BY SURVEYOR

The attached ASBUILT DRAWINGS, page PAGE 1 OF 1, to the best of my knowledge and belief a true and correct representation of the AS-BUILT REGILATED DRAINE installation.



Nathan Althouse #LS20400007 Date 2/24/2017 Miller Survéying, Inc. 948 Conner Street Noblesville, IN 46060 (317) 773-2644 000.00 = DESIGN VALUE

(000.00) = AS-BUILT VALUE



4-22-2017

3-21-18 KNA REVISED ON PROPOSED PROFILE

MAR 22 2018

OFFICE OF HAMILTON COUNTY SURVEYOR



MILLER SURVEYING INC. 948 CONNER STREET NOBLESVILLE INDIANA 46060 PH. # (317) 773–2644 FAX 773–2694



PART OF THE S.W. 1/4 SECTION 35-19-5 DRAWN BY: KNA PREPARED BY: KNA SCALE: 1" = 200' FIELD BOOK: WAYNE TOWNSHIP, HAMILTON COUNTY, INDIANA DATE: 2/22/2017 PAGE: FIELD WORK COMPLETED: 2/14/2017 JOB NUMBER SURVEY 4 FILE: DESCRIPTION: B37070 AS-BUILT

CROSS SECTIONS PG 3 OF 3

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