

*Kenton C. Ward, CFM*  
*Surveyor of Hamilton County*  
*Phone (317) 776-8495*  
*Fax (317) 776-9628*

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

December 17, 2013

TO: Hamilton County Drainage Board

RE: S. Moriarty Regulated Drain Reconstruction

Attached is a petition and plans, for the proposed reconstruction of the S. Moriarty Drain in Jackson Township. The plans were prepared by Byers Consulting. The reconstruction is being proposed by Beck's Superior Hybrids, Inc.

The original S. Moriarty Drain was ordered constructed in March 1910 by the Hamilton County Board of Commissioners. The original tile consists of 2,150 feet of 12" tile.

The new S. Moriarty Drain will consist of 2,135 feet of dual wall smooth bore HDPE pipe and 50 feet of 18" RCP for a total length of 2,185 feet.

The reconstructed drain shall begin at Station 0+00 of the original drain description and end at the outlet into the William P. Bennett Drain. From the outlet at Station 21+85 to Station 21+35 the drain will consist of 18" RCP. From Station 21+35 to Station 0+00 the drain will consist of 18" dual wall smooth bore HDPE pipe. There shall be a drop inlet installed at Station 0+00. From Station 0+00 to Station 6+00 the new tile will be run straight whereas the original tile had a curve in the line. The new alignment will be 23 feet from the old alignment at the greatest distance from the old alignment and will be within the existing easement. The new tile length will be 35 feet longer than the original tile.

The drop inlet at Station 0+00 shall consist of a 48" concrete manhole with a 24" beehive casting. The manhole shall be located at the junction of the Moriarty Drain and the Butler Drain.

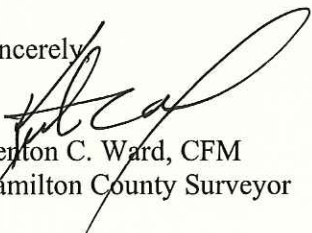
The cost estimate for this work is as follows:

Item Description	Unit	Quantity	Price	Total
18" Dual Wall HDPE Pipe	Feet	2135	\$75.00	\$160,125.00
18" RCP	Feet	50	\$80.00	\$ 4,000.00
18" Concrete End Section – Anchored	Each	1	\$600.00	\$ 600.00
48" Diameter Manhole with Beehive Casting	Each	1	\$2,500.00	\$ 2,500.00
Rip Rap around end section	Cubic Yards	3	\$50.00	\$ 150.00
Seeding around outlet and manhole structure	Lump Sum	1	\$150.00	\$ 150.00
Road Cut – Salem Road	Lump Sum	1	\$1,500.00	\$ 1,500.00
Total				\$169,025.00
*all prices for items include installation				

The cost of the relocation and reconstruction is to be paid by the Beck's Superior Hybrids, Inc.

I recommend the Board set a hearing for this drain for January 27, 2014.

Sincerely



Kerton C. Ward, CFM  
Hamilton County Surveyor

KCW/pll



STATE OF INDIANA     )  
                                  ) ss:  
COUNTY OF HAMILTON )

BEFORE THE HAMILTON COUNTY  
DRAINAGE BOARD  
NOBLESVILLE, INDIANA

IN THE MATTER OF THE  
RECONSTRUCTION OF THE  
**S. Moriarty Drain Reconstruction**

**FINDINGS AND ORDER FOR RECONSTRUCTION**

The matter of the proposed Reconstruction of the **S. Moriarty Drain Reconstruction** came before the Hamilton County Drainage Board for hearing **on January 27, 2014**, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.

The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.

Wherefore, it is ORDERED, that the proposed Reconstruction of the **S. Moriarty Drain Reconstruction** be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

HAMILTON COUNTY DRAINAGE BOARD

  
\_\_\_\_\_  
PRESIDENT

  
\_\_\_\_\_  
Member

  
\_\_\_\_\_  
Member

ATTEST:   
Executive Secretary

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF

***S. Moriarty Drain Reconstruction***

NOTICE

To Whom It May Concern and: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **S. Moriarty Drain Reconstruction** on **January 27, 2014** at **9:25 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

STATE OF INDIANA     )  
                              ) SS                 BEFORE THE HAMILTON  
                              )  
COUNTY OF HAMILTON )                 DRAINAGE BOARD

IN THE MATTER OF **S. Moriarty Drain Reconstruction**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **January 27, 2014** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

BY: Mark Heirbrandt  
PRESIDENT

ATTEST: Lynette Mosbaugh  
SECRETARY

**S.S. Moriarty Arm to W.P. Bennett Drain #353**

Reconstructing & realigning within existing easement. Easement will be slightly relocated with realignment.

Original drain description describes 2150 feet.

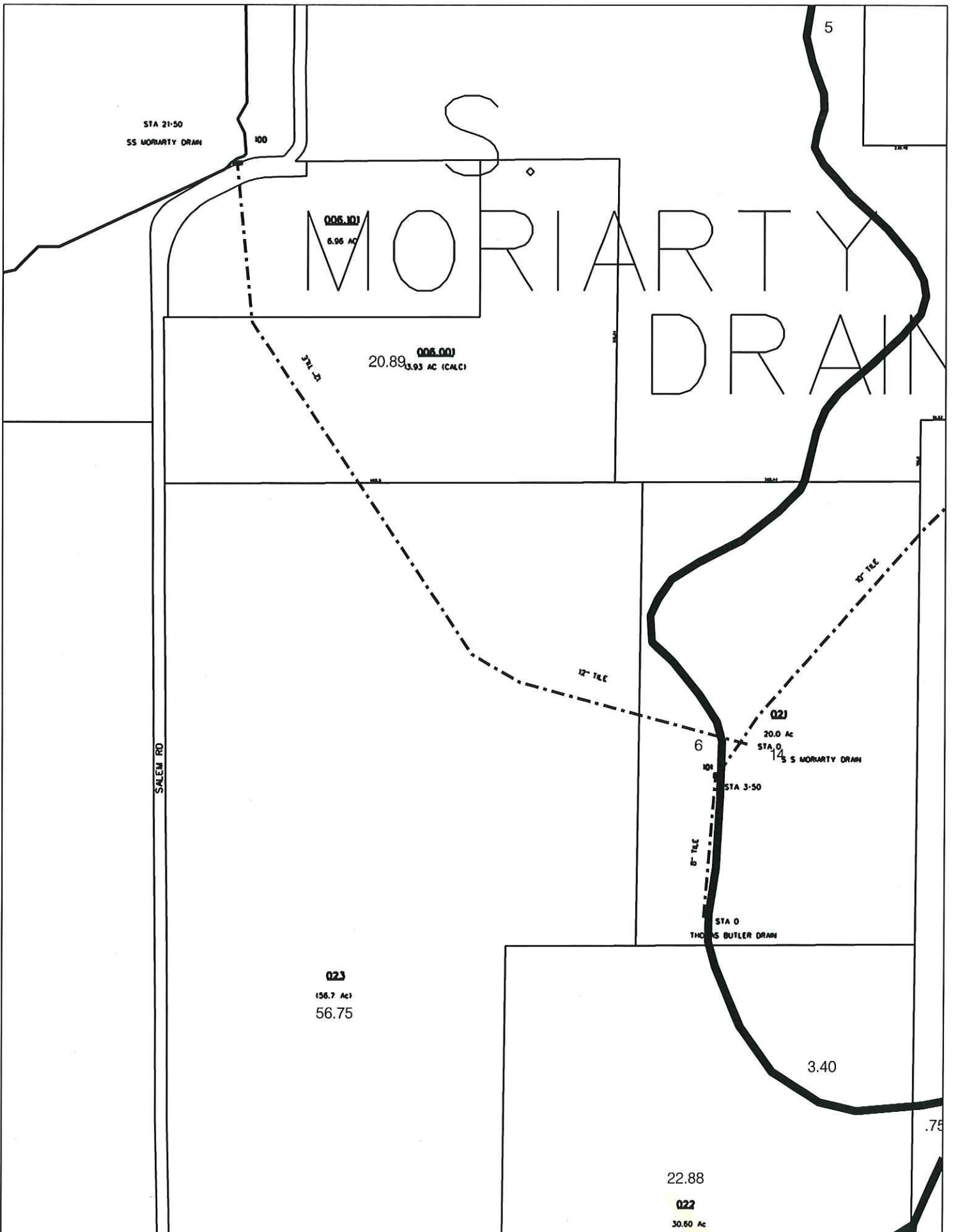
Due to realignment the new tile length will be 2185 feet. This will add 35' to the drains overall length.

\*Cost of reconstruction to be paid by Beck's Hybrids with no change in maintenance assessment.

Damages are set at zero.

Hearing: 01/27/14

Parcel	Owner	Description	Benefit	Mnt Asmt	Rec Asmt	Percent of Total
03-02-17-00-00-003.000	Duvall Bond & Harris LLC	S17 T20 R4 85.06 Ac	*	*	*	*
03-02-17-00-00-006.001	Wallace, Stephen Timothy	S17 T20 R4 13.93 Ac	*	*	*	*
03-02-17-00-00-006.101	Wallace, Stephen Timothy	S17 T20 R4 6.96 Ac	*	*	*	*
03-02-17-00-00-021.000	Beck Family Limited Partnership	S17 T20 R4 20.00 Ac	*	*	\$ 169,025.00	100.00%
03-02-17-00-00-023.000	Beck Family Limited Partnership	S17 T20 R4 56.75 Ac	*	*	*	*
99-99-99-99-999.001	Hamilton Co. Highway Dept.	S17 T20 R4, Salem Rd	*	*	*	*





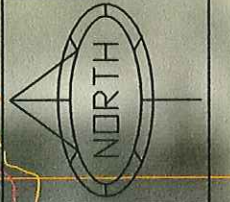
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Total				\$169,025.00
* all prices for items include installation				



TEMPORARY BENCH MARK  
 T.B.M. - ELEV. 896.68  
 HARRISON MARKER  
 SE CORNER, WEST HALF  
 SEC 17, T20N, R04E

**FILED**  
 DEC 02 2013  
 OFFICE OF HAMILTON COUNTY SURVEYOR

**BYERS CONSULTING**  
 Richard H. Byers, PE  
 Drainage Consultant  
 1512 Castle Hills Drive  
 New Castle, IN 47362-2926  
 Cell 765.524.1748  
 PE60016689  
 rbyers33@att.net  
 765.529.6569



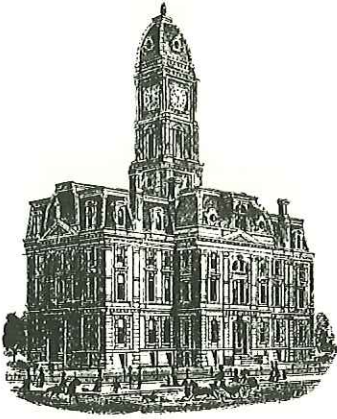
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 Revisions:

**LOCATION PLAN**  
 Location:  
 S. MORIARTY REGULATED DRAIN  
 SALEM ROAD - NORTH OF 266th STREET  
 SEC 17, T20N, R04E - HAMILTON COUNTY

Date:  
 12/02/2013

Project:  
 MORIARTY

Sheet:  
 1 of 6



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May 15, 2014

To: Hamilton County Drainage Board

Re: S. Moriarty Drain Reconstruction  
Final Inspection Report

Please regard this letter as the inspector's final report on the S. Moriarty Drain Reconstruction in Section 17, Township 20 North, Range 4 East, in Jackson Township, Hamilton County, Indiana.

The hearing for the S. Moriarty Drain Reconstruction was held on January 27, 2014 (see Hamilton County Drainage Board Minutes Book 15, pages 323-326). At this time the Board approved the project.

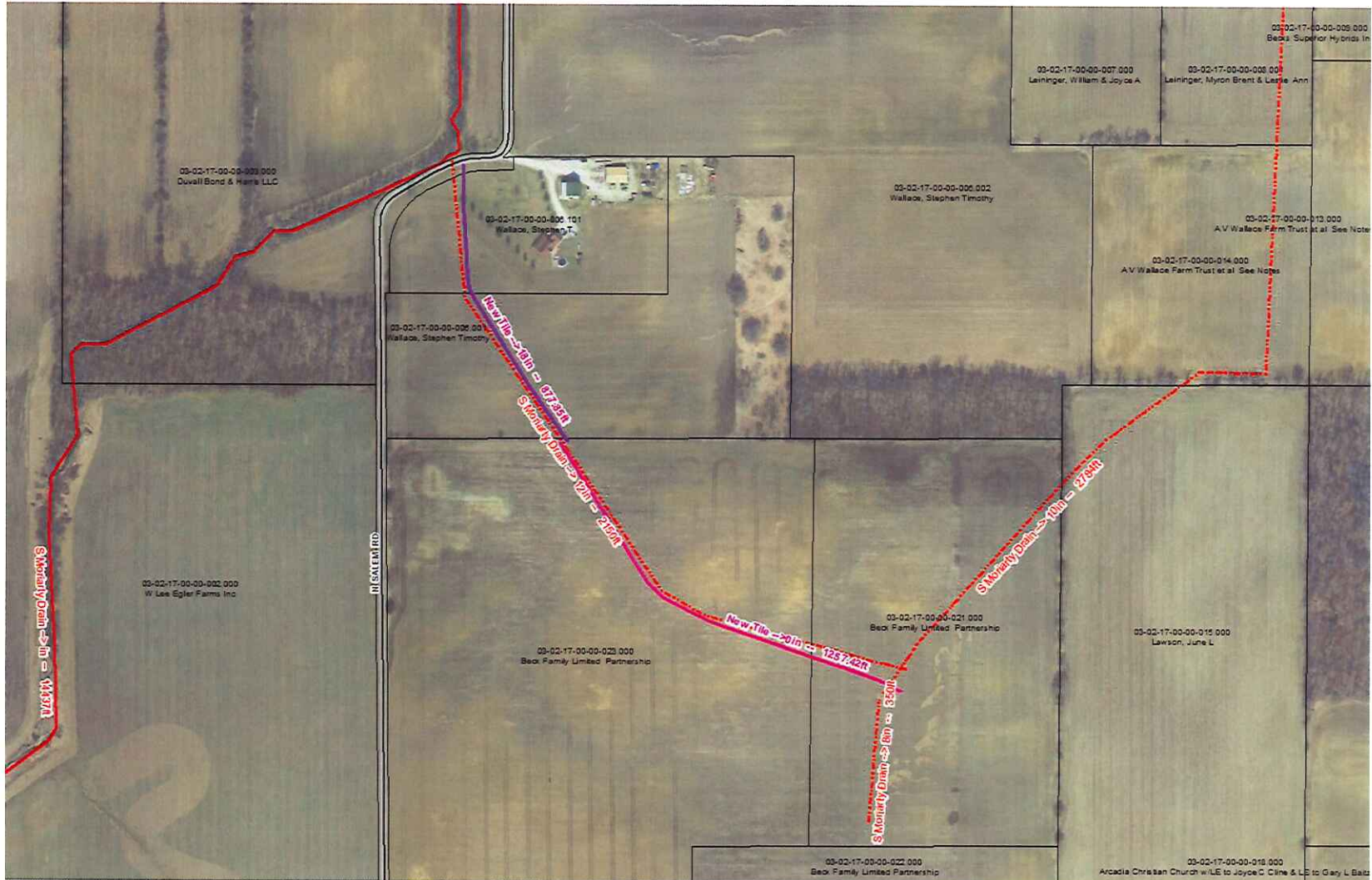
The Hamilton County Drainage Board approved the reconstruction of the Moriarty Drain to be done by Beck's Hybrids. Beck's Hybrids paid all costs associated with the reconstruction including the design for the project which was prepared by Byers Consulting.

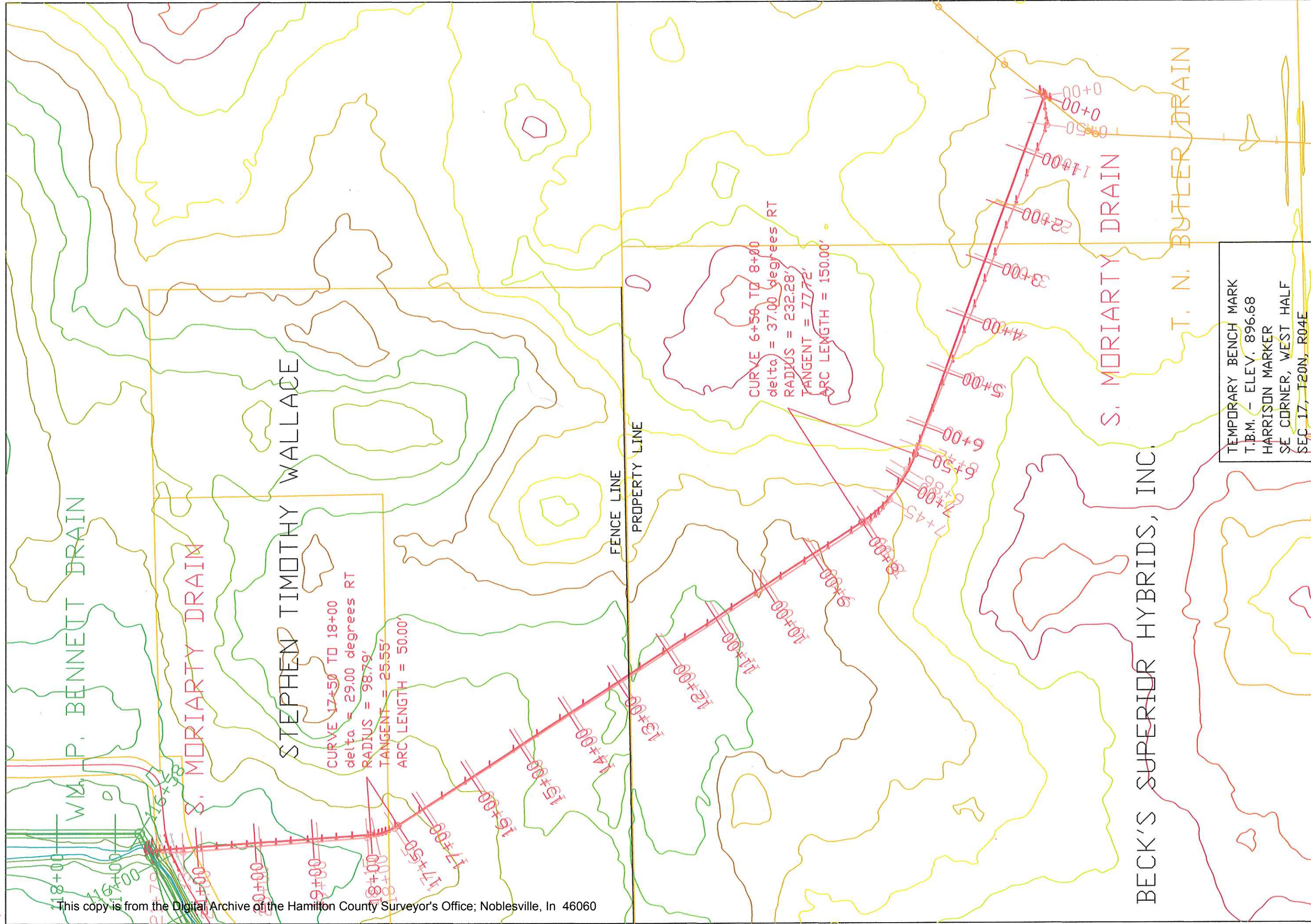
The S. Moriarty Drain Reconstruction consists of 2,135 feet of dual wall smooth bore HDPE pipe and 50 feet of 18" RCP for a total of 2,185 feet of drain. The reconstruction replaced the existing 12" tile from Station 0+00 to Station 21+50 of the original 1910 description.

As of the date of this report, I hereby attest to and agree that the reconstruction has been installed according to the specified plans. All inspections have been completed. Mapping of the tile location was done by Beck's Hybrids.

Submitted by:

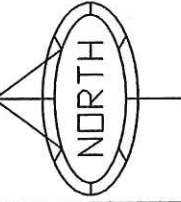
Andrew D. Conover  
Inspector





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TEMPORARY BENCH MARK  
 T.B.M. - ELEV. 896.68  
 HARRISON MARKER  
 SE CORNER, WEST HALF  
 SEC 17, T20N, R04E

Sheet: <b>2</b> of <b>6</b>	Project: <b>MORIARTY</b>	Date: <b>12/02/2013</b>	Title: <b>SITE PLAN</b> Location: <b>S. MORIARTY REGULATED DRAIN          SALEM ROAD - NORTH OF 266th STREET          SEC 17, T20N, R04E - HAMILTON COUNTY</b>	Scale: <b>1" = 150'</b> Revisions:		<b>BYERS CONSULTING</b> Richard H. Byers, PE Drainage Consultant 1512 Castle Hills Drive New Castle, IN 47362-2926 PE60016689 rhbyers33@att.net 765.529.6569 Cell 765.524.1748
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BECK'S SUPERIOR HYBRIDS, INC.

S. MORIARTY DRAIN

T. N. BUTLER DRAIN

STEPHEN TIMOTHY WALLACE

WM. P. BENNETT DRAIN

FENCE LINE  
 PROPERTY LINE

CURVE 17+50 TO 18+00  
 delta = 29.00 degrees RT  
 RADIUS = 98.79'  
 TANGENT = 25.55'  
 ARC LENGTH = 50.00'

CURVE 6+50 TO 8+00  
 delta = 37.00 degrees RT  
 RADIUS = 232.28'  
 TANGENT = 77.72'  
 ARC LENGTH = 150.00'

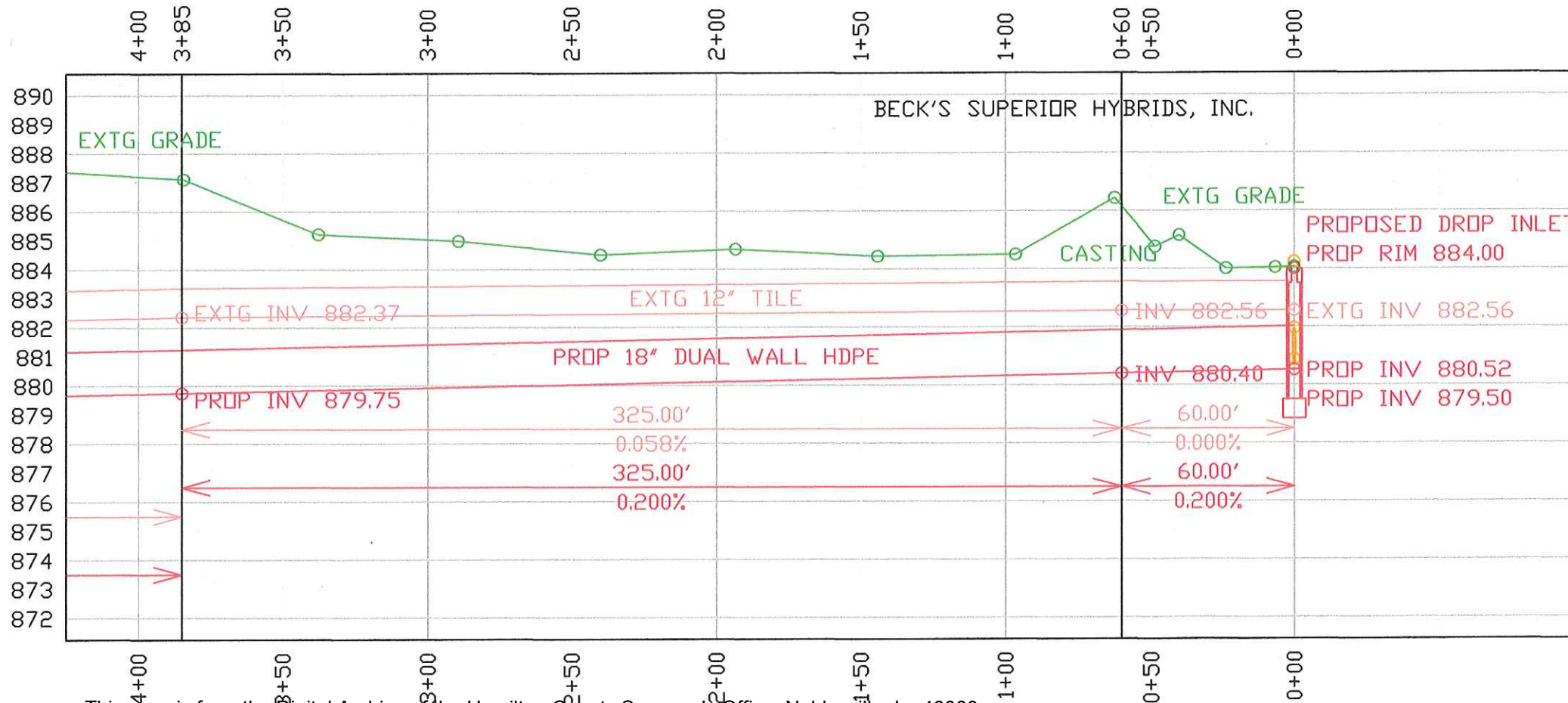
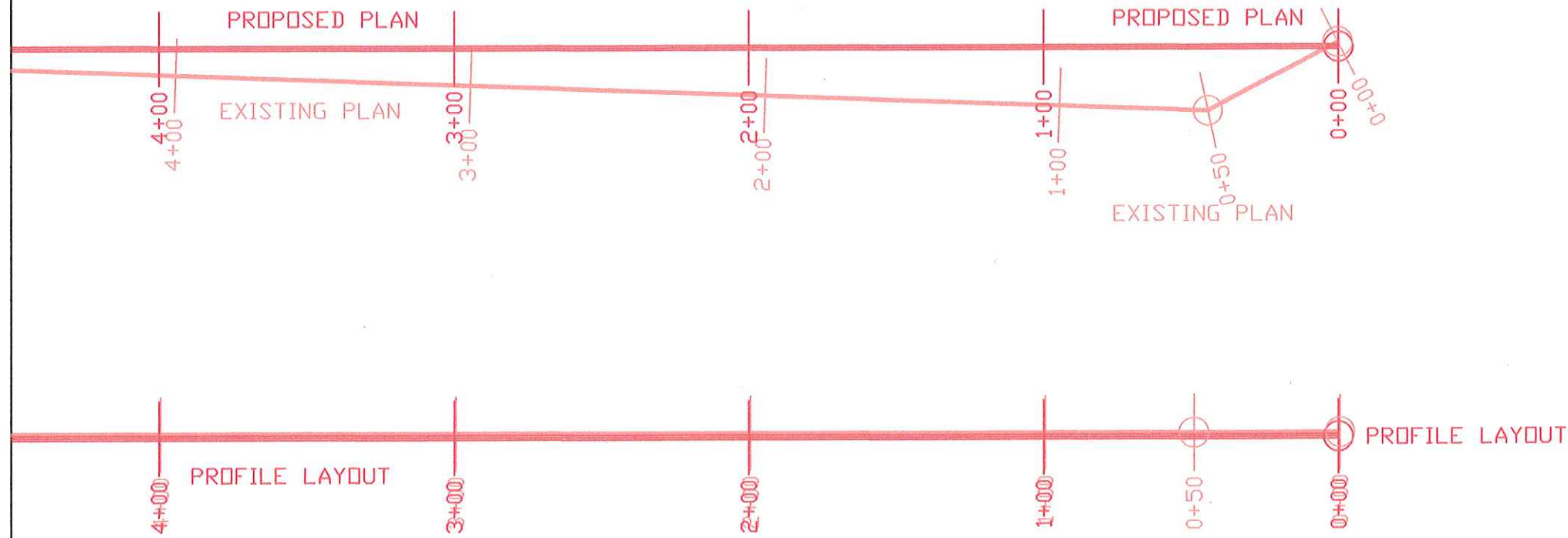
S. MORIARTY DRAIN

18+00  
19+00  
20+00  
21+00  
22+00

7+45  
7+50  
8+00  
8+50  
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22+00

BECK'S SUPERIOR HYBRIDS, INC.



PROPOSED DROP INLET  
6" REINFORCED CONCRETE  
TOP WITH 24" BEEHIVE  
GRATE CASTING  
48" I.D. BY 4'-0" CONCRETE  
MANHOLE BODY  
6'-0" DIA. BY 8" CONCRETE  
BASE SET AT INVERT  
ELEVATION FOR A 12" +/-  
SUMP BELOW LOWEST TILE  
LOCATED AT JUNCTION OF  
MORIARTY DRAIN AND  
BUTLER DRAIN

TEMPORARY BENCH MARK  
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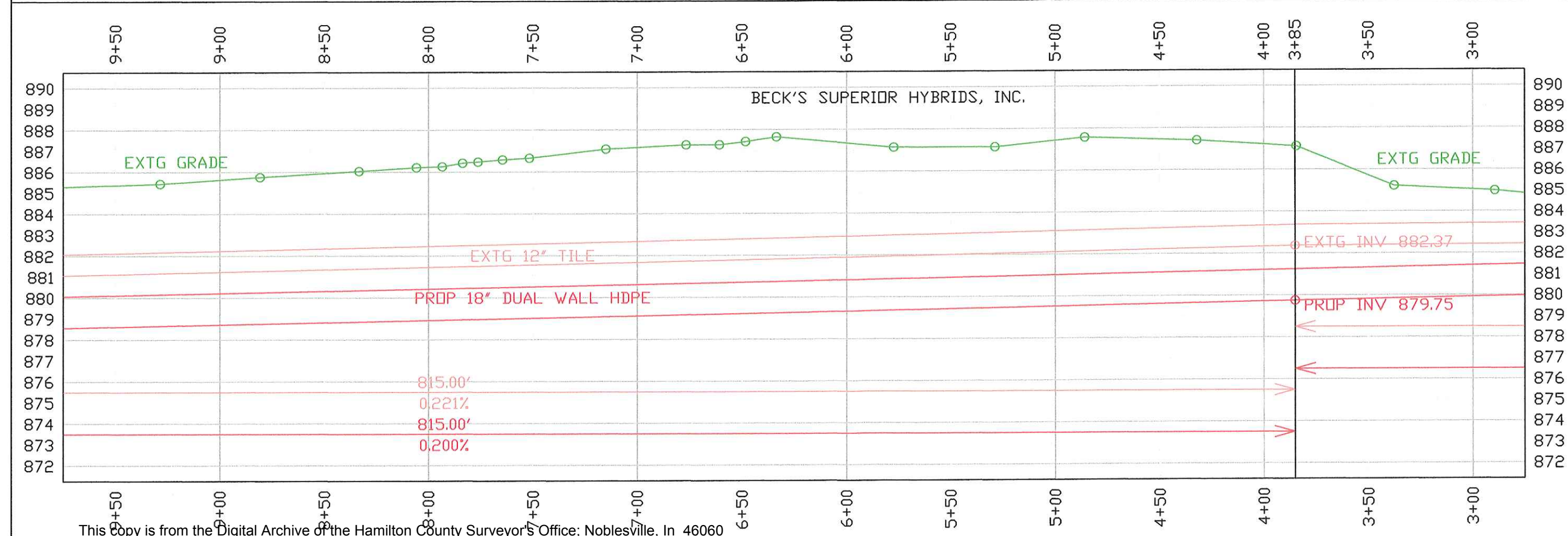
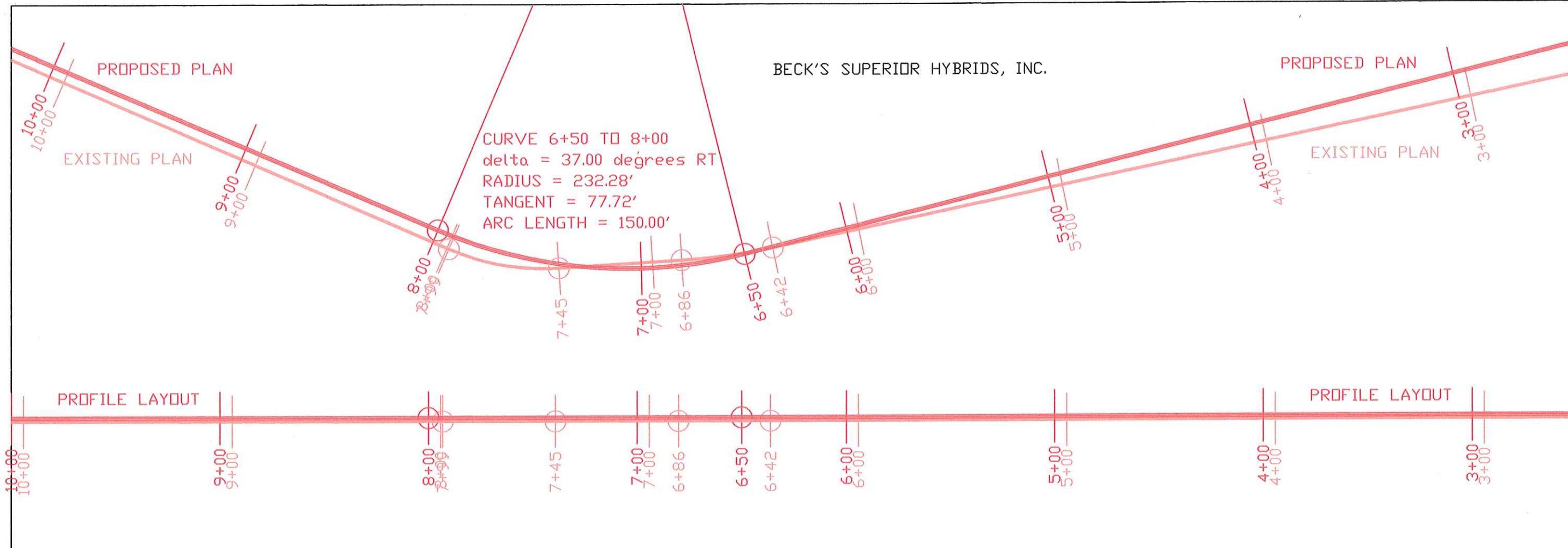
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1" = 4' V  
Revisions:

Title: **PLAN AND PROFILE**  
Location: **S. MORIARTY REGULATED DRAIN  
SALEM ROAD - NORTH OF 266th STREET  
SEC 17, T20N, R04E - HAMILTON COUNTY**

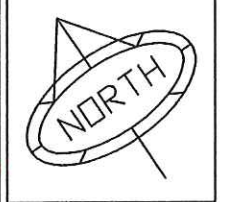
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Sheet: 3 of 6



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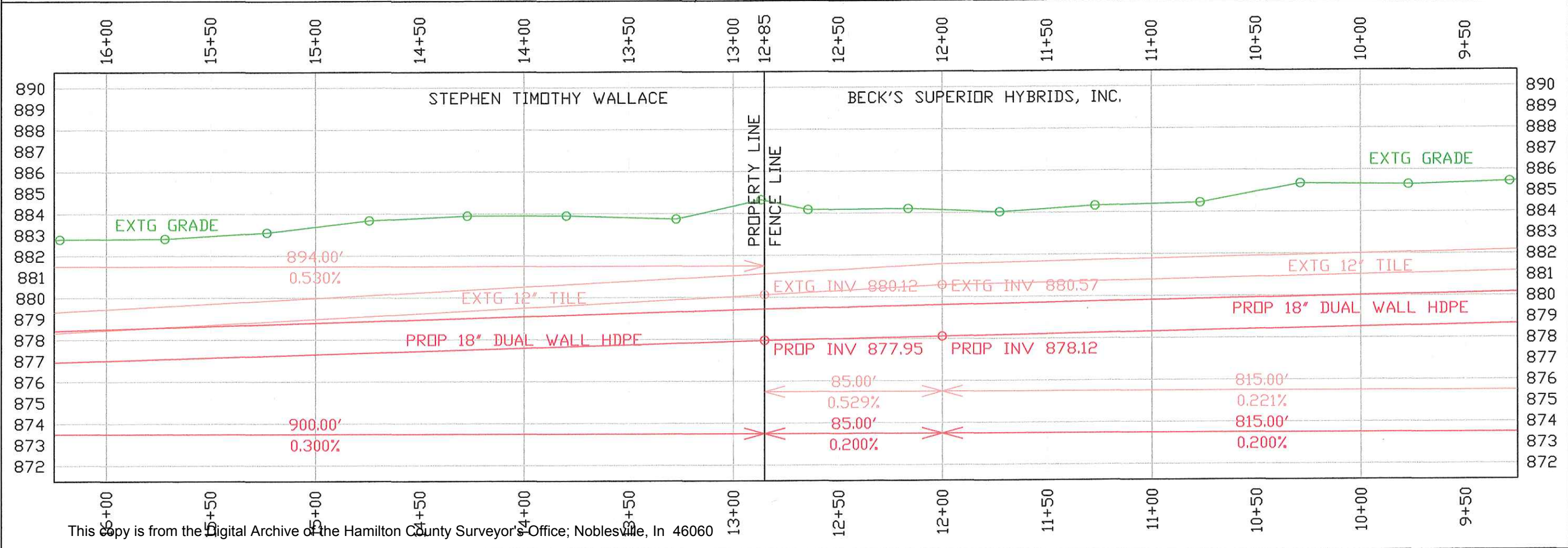
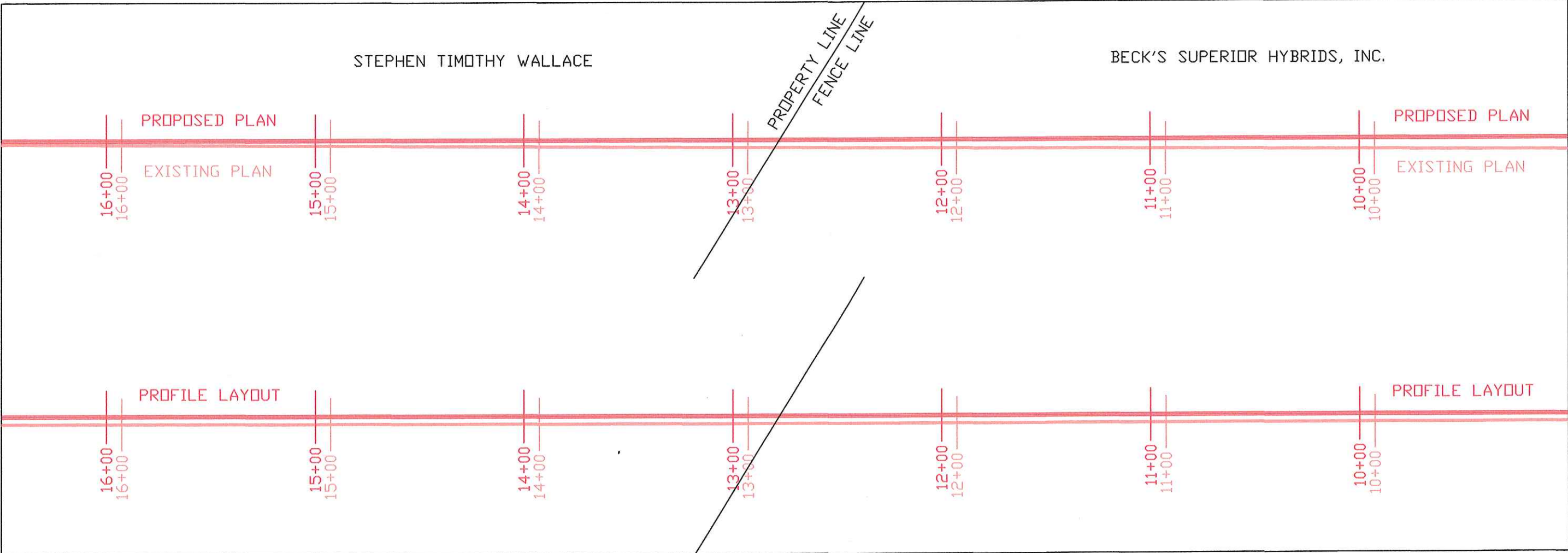
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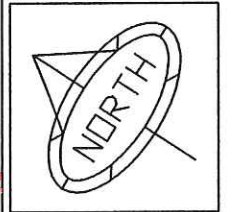
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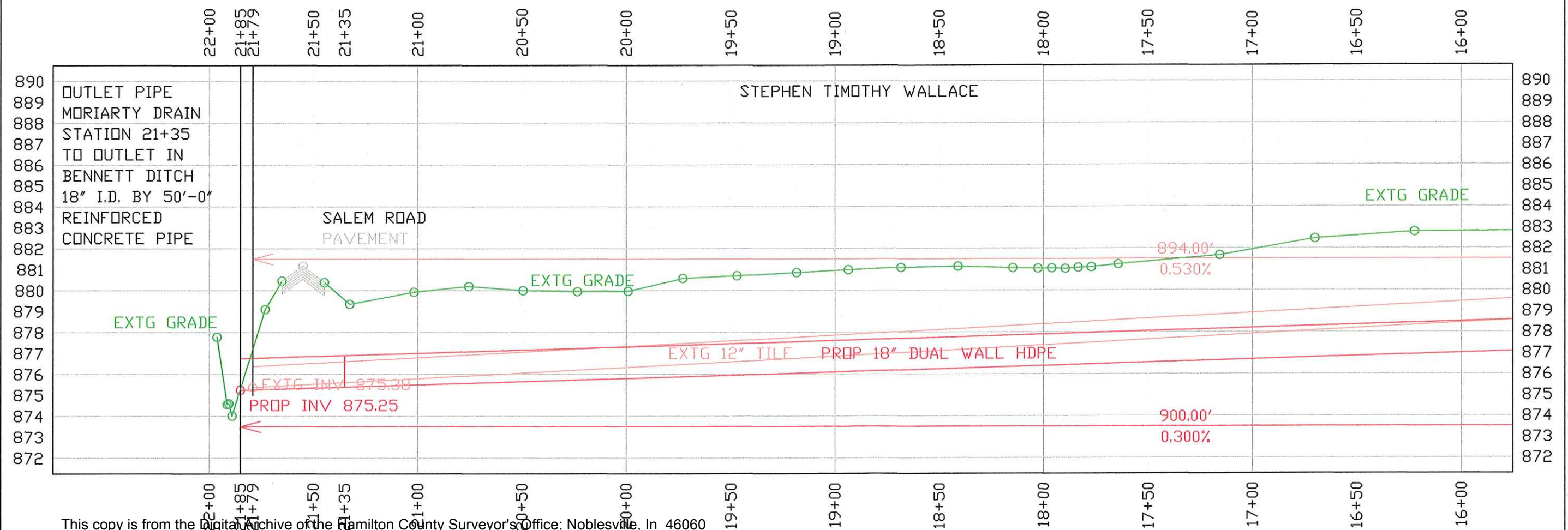
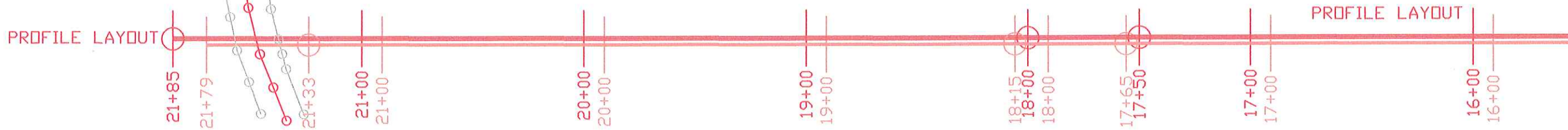
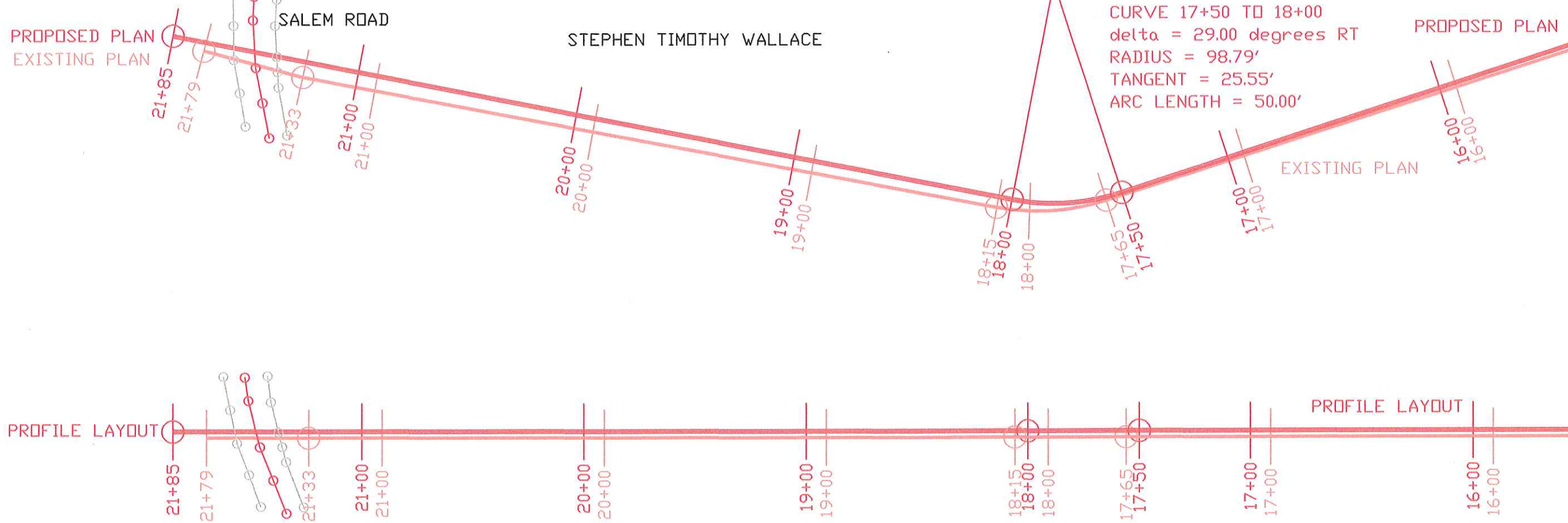
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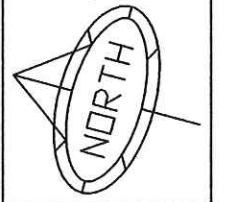
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