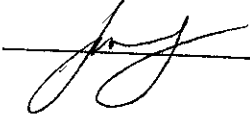
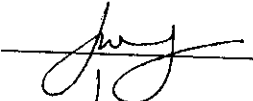





Drain: Harvey G. White Drain #: 8495
Improvement/Arm: RECONSTRUCTION
Operator: J. LIVINGSTON Date: 1-5-04
Drain Classification: Urban/Rural Year Installed: 1993

GIS Drain Input Checklist

- Pull Source Documents for Scanning 
- Digitize & Attribute Tile Drains _____
- Digitize & Attribute Storm Drains _____
- Digitize & Attribute SSD _____
- Digitize & Attribute Open Ditch _____
- Stamp Plans _____
- Sum drain lengths & Validate _____
- Enter Improvements into Posse 
- Enter Drain Age into Posse 
- Sum drain length for Watershed in Posse 
- Check Database entries for errors 

Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: _____

Drain Type:	Size:	Length ()	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE	12"	1900'			4. ⁰⁰ /lf	7600. ⁰⁰
OPEN DITCH	—	16280'			19. ⁵⁵ /lf	318274. ⁰⁰

Sum: 18180' \$325,874.⁰⁰

Final Report: _____

Comments: _____



Hamilton County Soil and Water Conservation District

925 Division Street - Noblesville, IN 46060-2744 - (317) 773-1406 - FAX (317) 776-1101

February 14, 1996

FILED

FEB 16 1996

Mr. Kenton Ward
Hamilton County Drainage Board
Hamilton County Judicial Center
1 Hamilton County Square Ste #146
Noblesville IN 46061-2230

HAMILTON COUNTY DRAINAGE BOARD

Harvey Gwinn
SECRETARY

RE: **Harvey Gwinn Drain**

Dear Kenton,

The Harvey Gwinn Drain is scheduled for a maintenance hearing February 26, 1996. As you are aware the upper end of the open channel was reconstructed three years ago. The landowners who financed the project, are now arguing that they should have a reduced maintenance assessment. I agreed to survey the portion that was reconstructed and give my opinion to it's condition.

A visual inspection suggests the reconstruction was completed as well or better than other County projects. All woody vegetation has been removed along with the stumps. The excavation and spoil leveling was completed in good fashion. The side slopes have been cut to 2:1 or flatter. Seven rock chute structures have been installed to prevent gully erosion. The grass establishment is still thin.

The profile and cross sections show the channel was excavated on grade with a 0.12% slope. Several tile outlets could be upgraded to metal with animal guards. If the reconstruction was a County project, the culvert at Montana Avenue may have been lowered to improve the tile outlet at the head of the ditch. Enclosed is a copy of the profile and cross-sections of the recent survey.

In general the channel is in excellent condition and should require very little maintenance for the next 10-15 years. Seeding the ditch banks and installing an animal guard on the county tile are the only practices that need to be completed at this time.

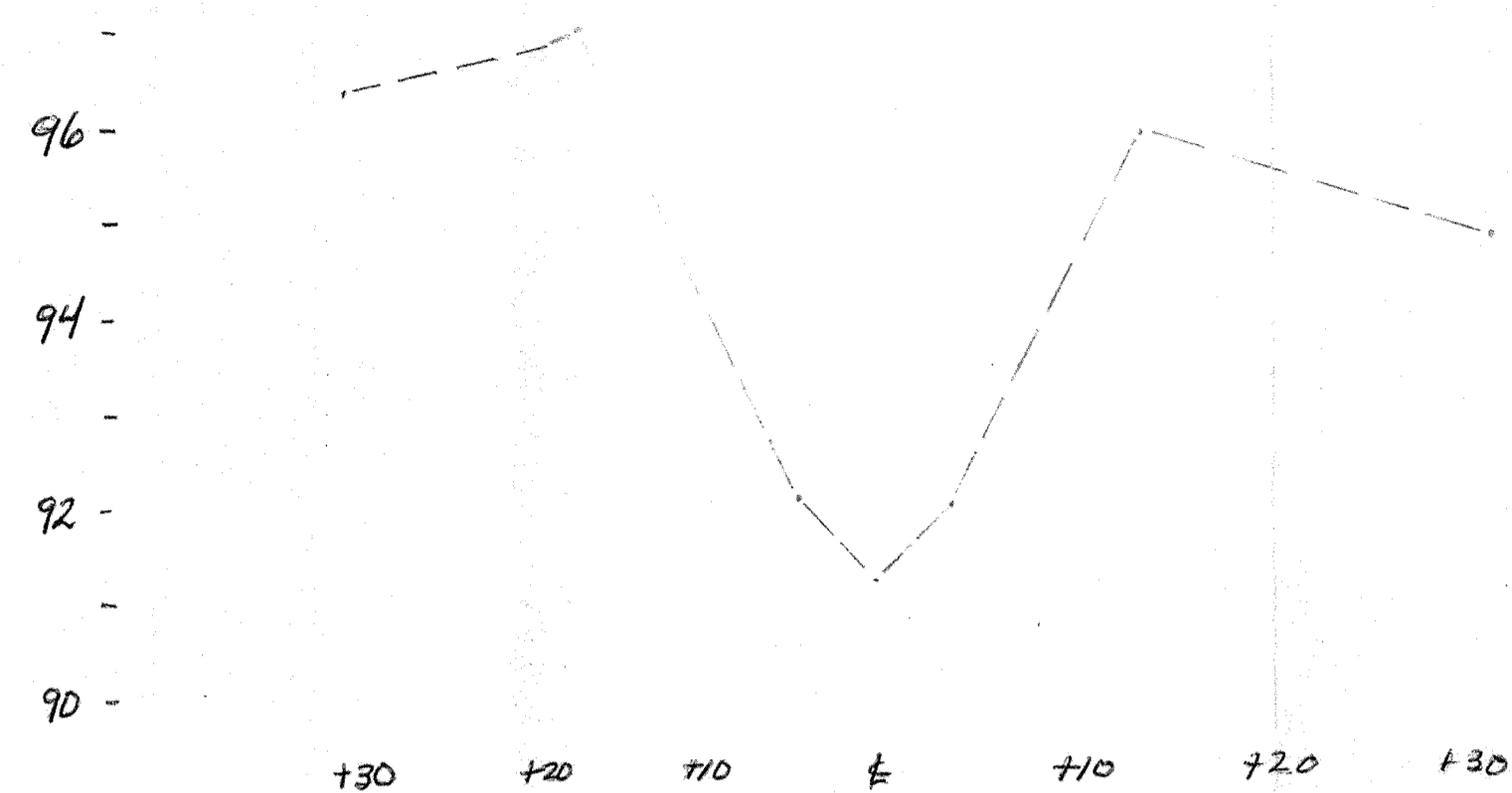
Should you have additional questions concerning the **Harvey Gwinn Drain**, please feel free to contact me at 317-773-1406.

Sincerely,

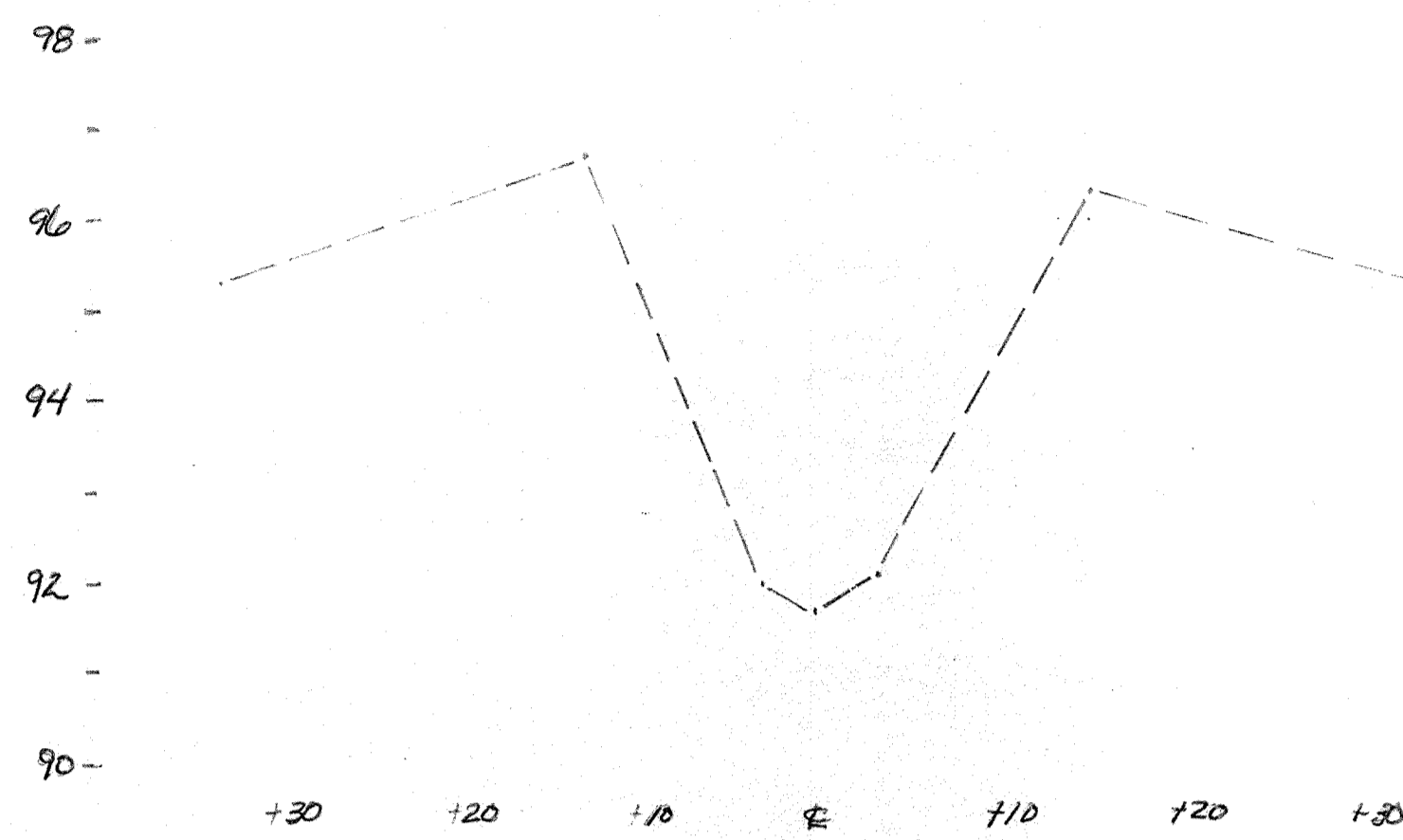
John B. South

John B. South, P.E.
SWCD Engineer

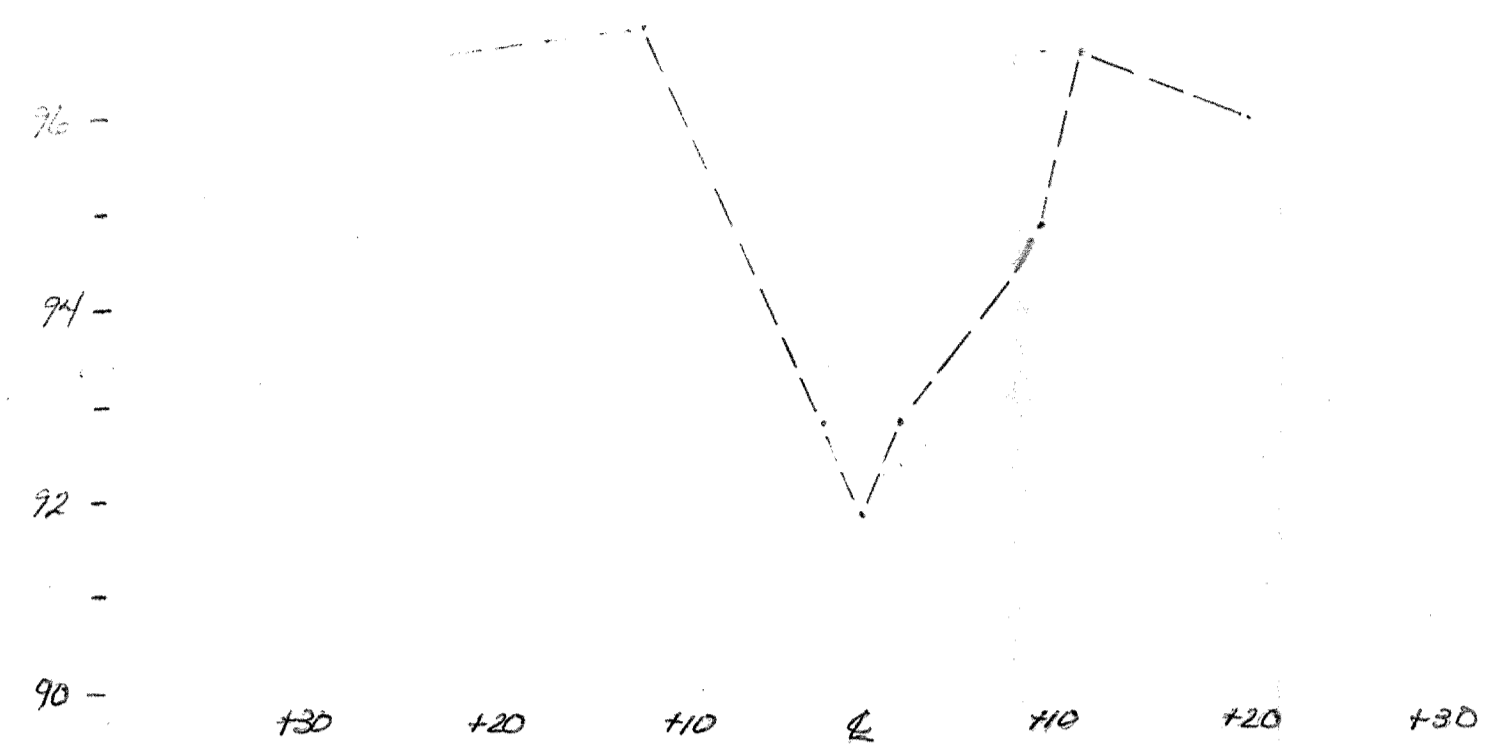
cc: Tom Sherrill
Mike Swackhamer ✓
file



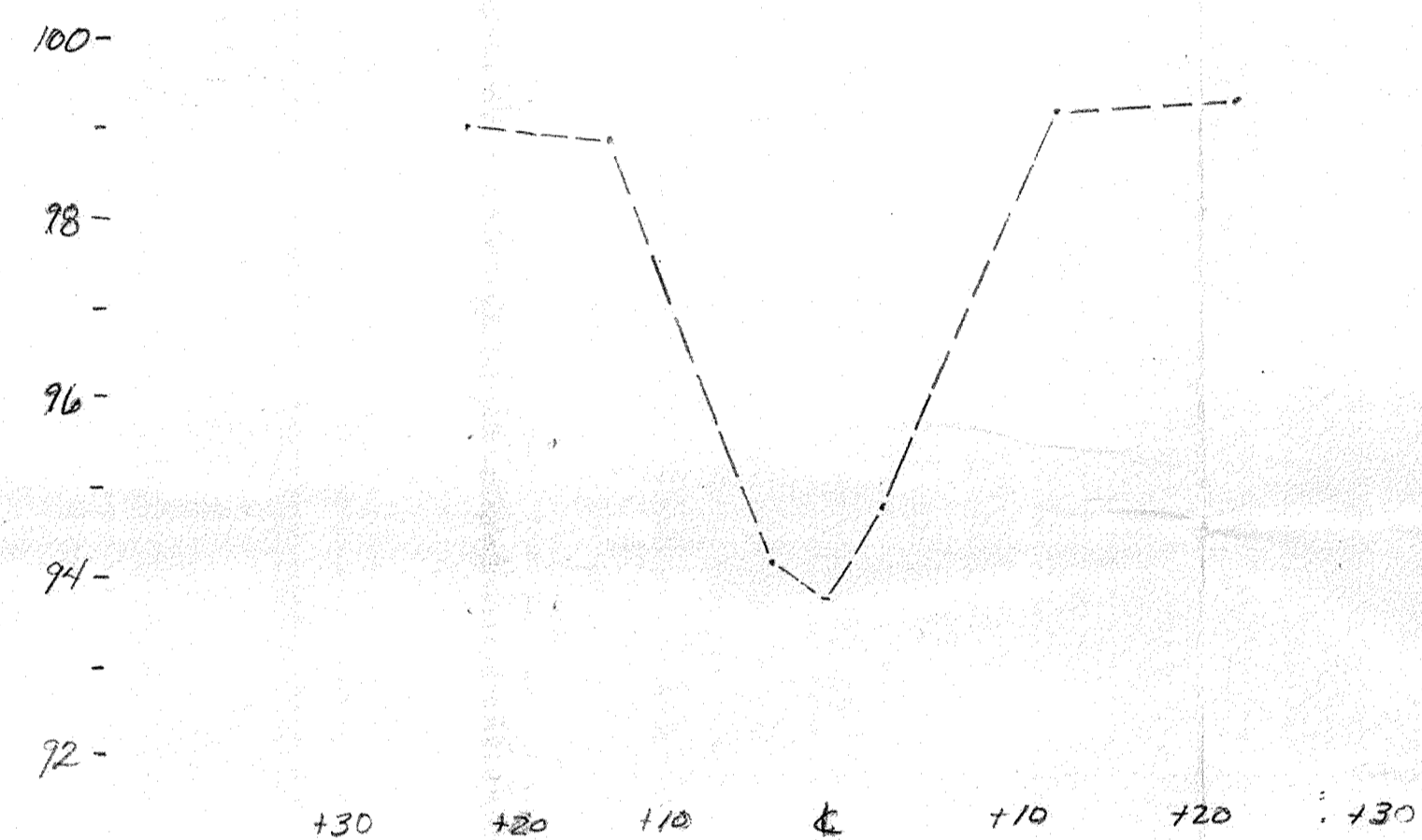
N. STA. 102+00 S.



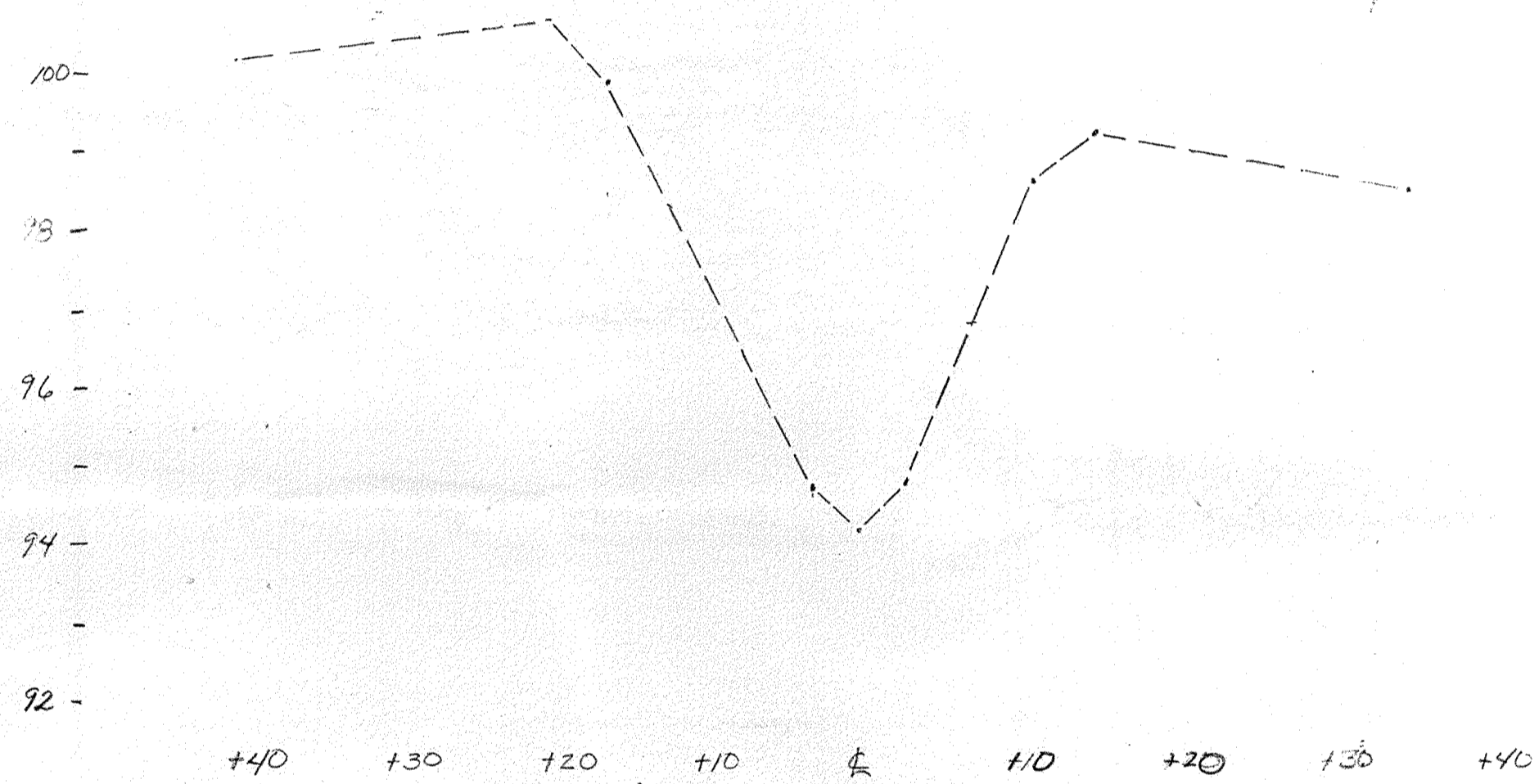
N. STA. 108+00 S.



N. STA. 112+00 S.



N. STA. 121+00 S.



N. STA. 128+00 S.



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Entry Date: 1-5-01

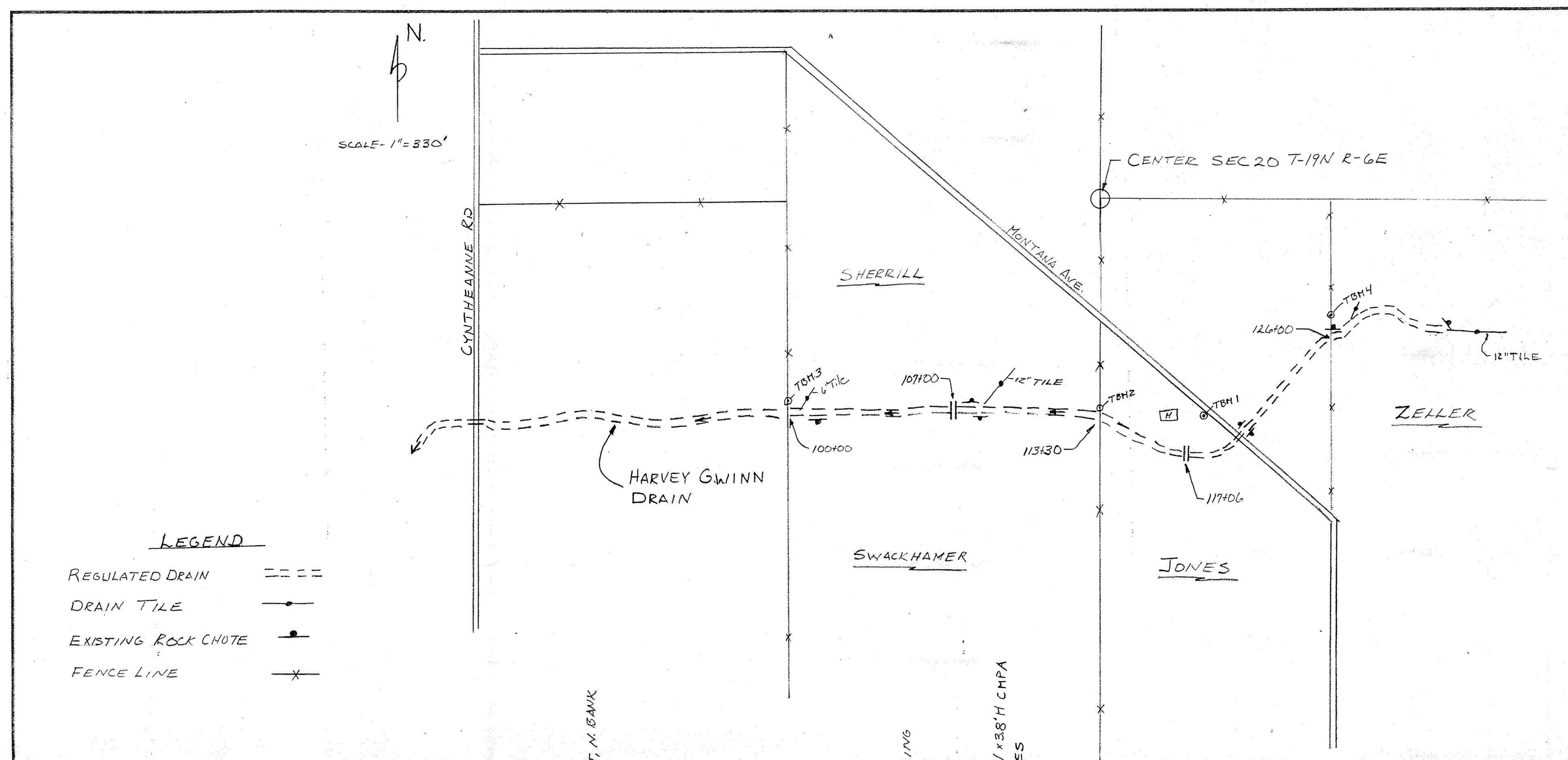
Entered by: [Signature]

**HARVEY GWINN DRAIN
(AS BUILT)**

**U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE**

Designed.....	Date.....	Approved by.....
Drawn.....	JOHN SOUTH 2/96	Title.....
Traced.....	Sheet.....	Drawing No.....
Checked.....	No.....	of.....

SCS-ENG-313 REV 8-75



HAMILTON COUNTY INDIANA
 1823

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Entry Date: 1-5-04

Entered by: [Signature]

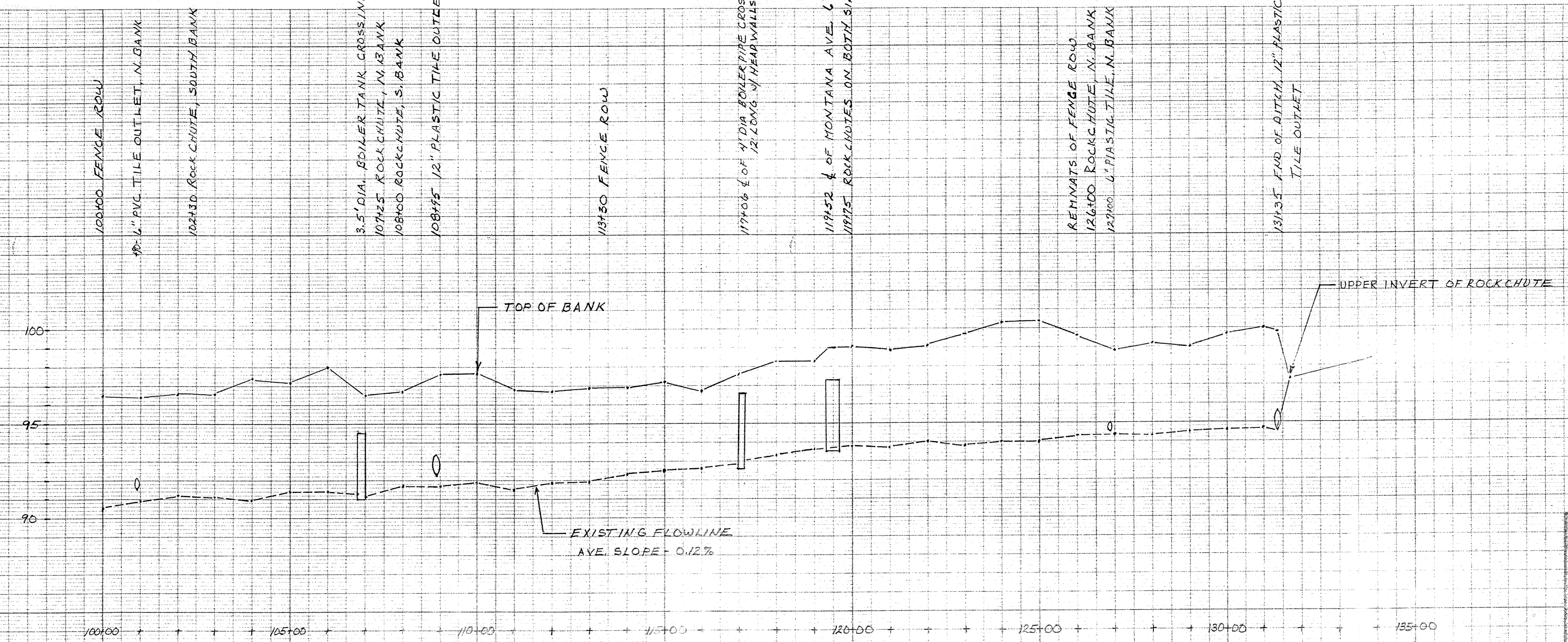
HAMILTON COUNTY INDIANA
 1823

This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: _____

Entered by: _____

- LEGEND**
- REGULATED DRAIN
 - DRAIN TILE
 - EXISTING ROCK CHUTE
 - FENCE LINE



HARVEY GWINN DRAIN
 (AS BUILT PLANS)

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed	Date	Approved by
Drawn <u>J. SOUTH</u>	<u>2/9/0</u>	
Traced	Title	Drawing No.
Checked	No.	