

Drain: ELWOOD WILSON Drain #: 126  
Improvement/Arm: FISHERS OAKWOOD  
Operator: J. LINDGREN Date: 7-20-04  
Drain Classification: Urban/Rural Year Installed: 1992

### 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

*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*





SURVEYOR'S OFFICE  
**Hamilton County**

*Kenton C. Ward, Surveyor*

*Suite 146*

*776-8495*

*One Hamilton County Square*

*Noblesville, Indiana 46060-2230*

November 16, 1992

TO: Hamilton County Drainage Board

RE: Elwood Wilson Drain

Attached are drainage shed maps, construction plans and assessment roll for the proposed reconstruction of the Elwood Wilson Drain.

This proposed relocation is a result of a two (2) year effort by Mr. Douglas Miller and me to find an acceptable solution to the flooding problems in the Fishers Oakwoods Subdivision. These efforts are outlined in my report to the Board dated September 1, 1992 for a proposed Arm #3 to the F.M. Musselman Drain.

The proposal being offered by this report consists of intercepting the John Holleran Drain at or near STA 27+00. This location is East of the Fishers Oakwood Subdivision in the field owned by Byron and Lois May Carroll-07-33-00-00-004.000 40 acres. A new twelve (12") tile will then run South along the East side of the fence line, which is the Carroll's West property line to the Southeast corner of the Fishers Oakwoods Subdivision. The tile will thence run West along the South side of the subdivision within the Ruth Fisher property -07-33-00-00-003.000-58.5 acres. This tile will cross under Promise Road and continue to run West until intercepting the original tile in a low area located on the Lawrence and Ruth Dicks property-07-33-00-00-001.000 40 acres at or near the John Holleran Drain. The old tile will be disconnected from the point of interception to a point approximately thirty (30') feet West of the Carroll property. This will eliminate approximately forty (40') feet of the original tile. The remainder of the tile will continue to exist as a regulated drain. By the construction of this tile around the subdivision it is hoped that the flooding problems within the subdivision will be decreased.

Another portion of the project is to examine the condition of the existing drain between Promise Road and the intersection with the new tile. If during the inspection it is found that this tile is in need of replacement it will be replaced. Because of the uncertainty of its present condition I have included its entire replacement in the cost estimate. This will be a field decision to be made once the contractor has the tile exposed.

The third portion of the proposal is a tile on the North line of the subdivision. This tile with swale is to intercept flow from the Roudebush property North of the subdivision and redirect the flow around the subdivision. The tile is to begin in the Roudebush property North of Tract 5 of the Fishers Oakwoods Subdivision at a point 212 feet from the Promise Road R/W. The tile will then cross Promise Road on a South West diagonally to the West side of Promise Road. A tile arm will extend North under 186th Street at this point to pick up drainage in the North West corner of Promise Road and 186th Street. The tile will then run South along the West side of Promise Road to a point opposite Fishers Drive. A tile will extend East under Promise Road at this point to collect drainage in the North East corner of Promise Road and Fishers Drive. The tile will then run in a South Westerly direction across the Dicks property to a point of intersection of the Holleran Drain and the tile routed around the South side of the subdivision which was described above in the third paragraph. This point of intersection within the low area will have a slotted riser installed on the junction box to be constructed.

The cost estimate for this work is as follows:

ELWOOD WILSON DRAIN

12" Conc	3535' @ \$13.20/ft	\$ 46,662.00
12" RCP	142' @ \$22.30/ft	3,166.00
Structures (11)		
STR. Type C	3 @ \$ 500.00 each	1,500.00
STR. Type B	7 @ \$1,000.00 each	7,000.00
SPECIAL STR.		
with Riser	1 @ \$1,500.00 each	1,500.00
Road Cut Repair	4 @ \$1,000.00 each	4,000.00
12" CMP	48' @ \$7.00/ft	336.00
Roadside Ditch	400' @ \$2.00/ft	800.00
Swale	750' @ \$9.00/ft	6,750.00
Seeding	2.5ac @ \$500.00/acre	1,250.00
Plug old tile	(1)	200.00
Erosion Control		400.00
Debris fence	(2)	100.00
		\$ 73,664.00
	10% Contg.	7,366.00
	Subtotal	81,030.00

Engineering/ staking	23,700.00
TOTAL	\$104, 730.00

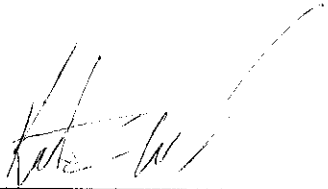
I have reviewed the plans and believe that additional damages will not result on any of the tracts which will be crossed by the proposed project. Upon review of the plans I believe the construction of the drain will benefit each tract equally except for those tracts within the Fishers Oakwood Subdivision (unrecorded) . Therefore, I recommend that for construction, each tract be assessed equally other than those tracts within the Fishers Oakwood Subdivision will receive greater benefit, that the construction cost be assessed at \$1,700.00 per tract for all tracts except for 07-33-01-01-024, which is two (2) original lots (27 & 28 and 07-33-01-01-025 and 07-33-01-01-025.001 which was original one lot (29). The cost for 024 should be set at \$3,400.00 and the cost for 025 and 025.001 should set at \$850.00 each. Due to the additional benefits the County Highway Department will review, I recommend an assessment of \$10,000.00. The additional benefits for the Highway comes from the ability to put proper road side drainage along portions of Promise Road and 186th Street due to the installation of inlets. The remainder of the tracts within the drainage shed should be set at \$155.00 per acre with a \$500.00 minimum.

This is not the ultimate plan for this problem. The proper solution is far too expensive to pursue at this time. This is only a temporary fix to the problem. Fishers Oakwoods will still have flooding problems during heavy storm events. The Dicks and Carroll properties could experience more flood events and longer flood events in the low areas on each farm. However, I do believe that the overall situation in Fishers Oakwoods will be improved due to the diverting the storm water around the subdivision instead of through it.

I recommend the balance of the study funds with Mr. Miller be devoted to creating future drainage basins for the drainage shed East side of State Road 37 for future development to follow. Also, assistance on the West side of State Road 37 is needed to help co-ordinate efforts with the City of Noblesville and Noblesville Schools in planning a new storm sewer for the new High School and athletic fields.

I also recommend to the Board that the minimum maintenance assessment be increased from \$3.00 to \$5.00 for the entire drainage shed.

The Board should set a February 1993 hearing date for this item.



---

Kenton C. Ward  
Hamilton County Surveyor

KCW/no



SURVEYOR'S OFFICE

# Hamilton County

Kenton C. Ward, Surveyor      Suite 146  
776-8495

One Hamilton County Square  
Noblesville, Indiana 46060-2470

October 23, 1995

DEC 11 1995

HAMILTON COUNTY SURVEYOR'S OFFICE  
SEAL

To: Hamilton County Drainage Board

Re: Elwood Wilson-Fishers Oakwood Arm

I recently found that the final reports for the Drain had not been submitted. The reconstruction was done by Culy Construction and Excavating Inc. under contract dated March 15, 1993. The contract amount was \$64,574.00. The estimate for the work was \$104,730.00 per my report dated November 16, 1992.

During construction, changes were made to the drain which will alter the plans submitted with my report for this drain dated November 16, 1992. The changes are as follows:

The following items are additional to the contract for the Elwood Wilson Drainage Area-Fishers Oakwood Arm reconstruction project.

Change Order #1-Project Additional

Tile investigation (Dick property)	\$ 306.25
Eighteen (18') feet of twelve (12") inch RCP	337.50
150' of twelve (12") Concrete tile	1200.00
Tile Investigation	168.00

The total cost for these additional is \$2011.75.

Change Order #2-Project Additional

Low area restoration	\$ 960.00
Build levee west of STR #6	150.00
Screen Cap Special Structure	45.00
12" CMP pipe across Matherly property	2250.00
10" of 12" CMP (road cut Fishers Drive)	no add. charge

The total cost for these additional is \$3405.00

The swale between STR 7 and STR 8 on the north line of lots 1 and 2 was not constructed. A deduction for the 212 feet of swale omitted is \$848.00. One structure type C was omitted with a total savings of \$520.00.

The length of the drain due to the changes described above is now 3888' feet. The original tile was cut and ten feet vacated.

This brings the total net gain of drain length to 3878' feet.

The total cost of the project with the engineering fees, contract prices, deduction and the change order is \$94,822.75, below the estimate of \$104,730.00. The payments to the contractor are as follows:

Doug Miller P.E.

<u>Date</u>	<u>Check#</u>	<u>Amount</u>	<u>Claim#</u>
4-6-90	37083	\$2500.00	90-089
6-8-90	39251	\$2500.00	90-120
10-10-90	42303	\$2500.00	90-277
2-8-91	45868	\$1500.00	91-068
3-8-91	46620	\$1500.00	91-075
4-5-91	47288	\$1500.00	91-078
6-7-91	49244	\$1500.00	91-185
7-8-91	50069	\$1000.00	91-236
10-11-91	52586	\$1000.00	91-305
3-6-92	57639	\$2500.00	92-118
4-3-92	58532	\$1000.00	92-122
7-10-92	61700	\$2000.00	92-226
2-5-93	68547	\$4200.00	93-044

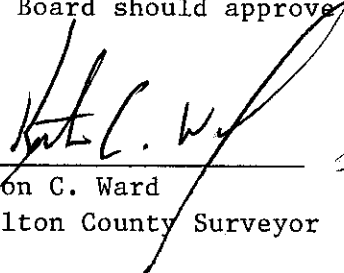
Total engineering costs \$25,200

Culy Construction and Excavating Inc.:

<u>Date</u>	<u>Amount</u>	<u>Claim#</u>
6-4-93	\$25,644.50	93-124
7-9-93	\$20,140.75	93-194
7-30-93	\$13,394.09	93-253
10-20-95	\$10,443.41	95-341 pending

Total excavating costs-\$69,622.75


The Board should approve the claims and accept the work as complete.

  
Kenton C. Ward  
Hamilton County Surveyor

SLM

KCW/nw



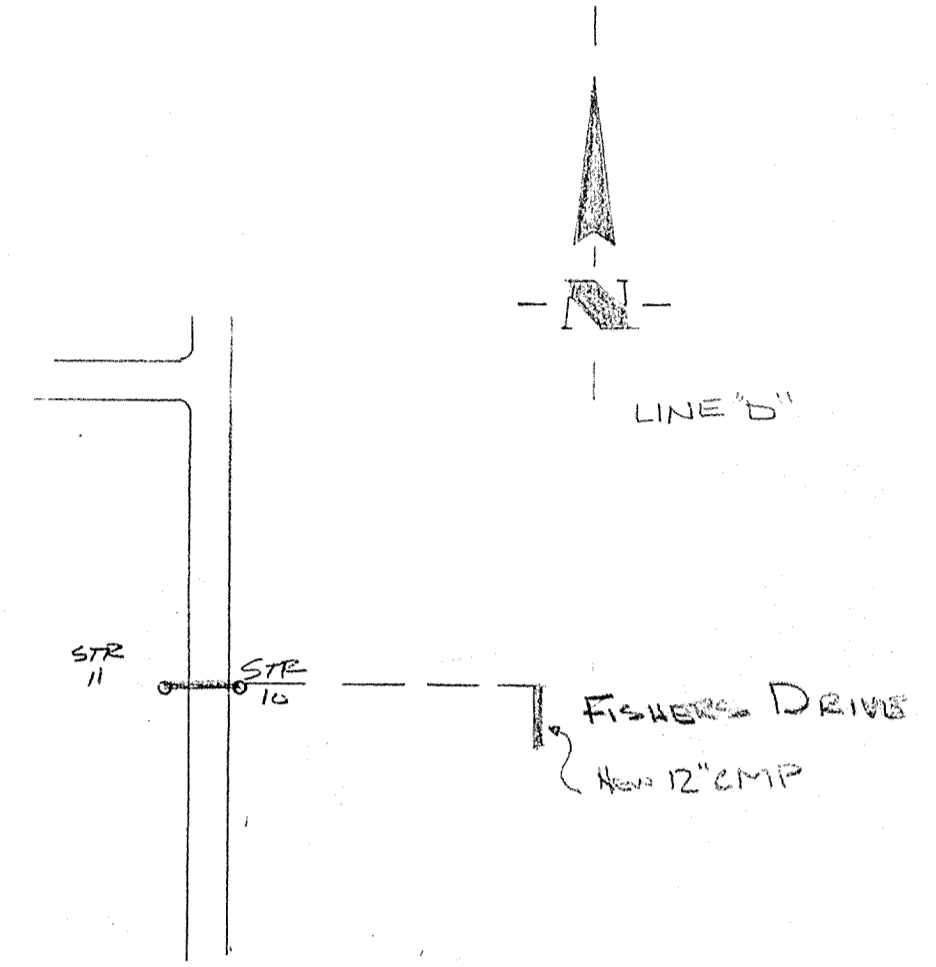
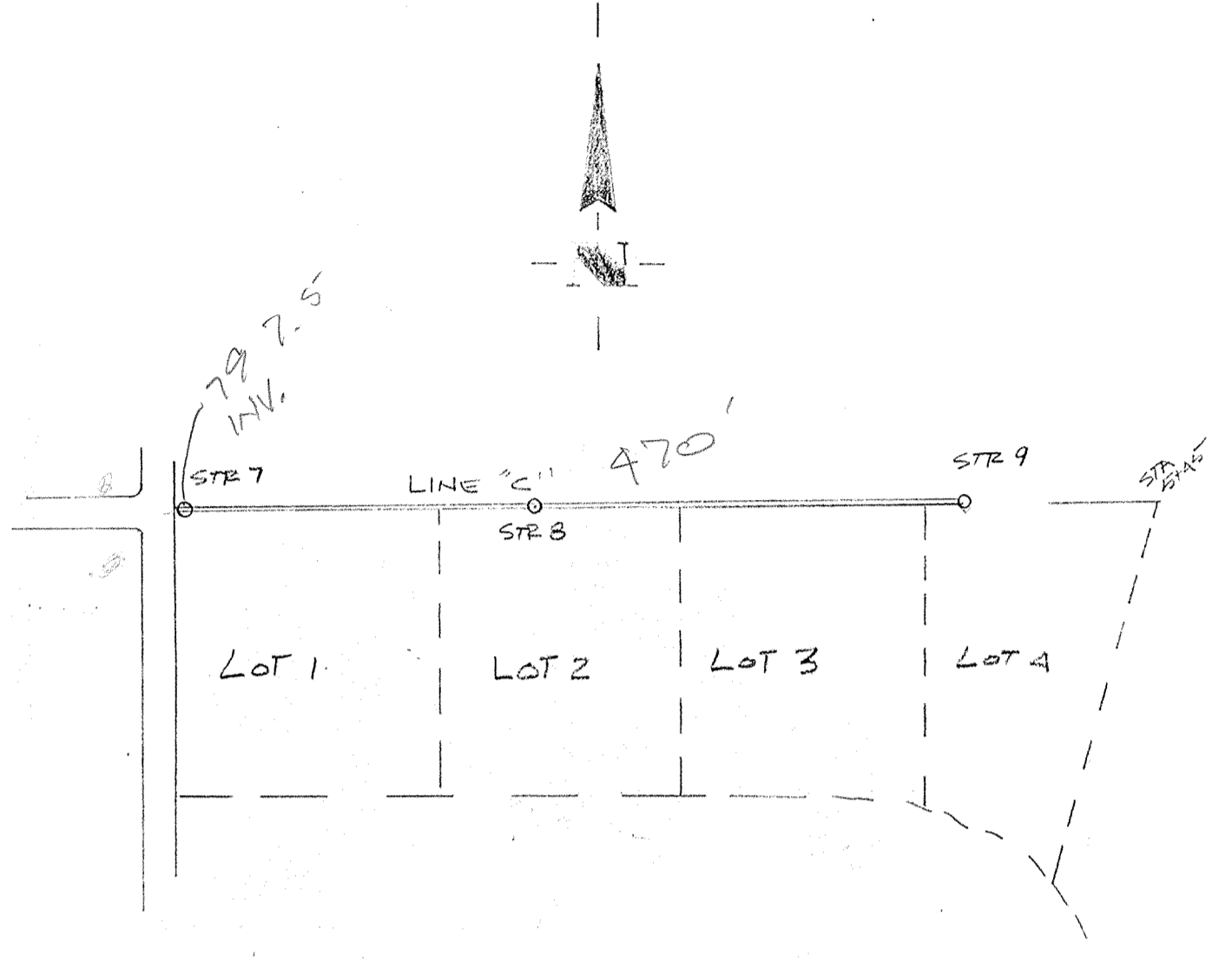
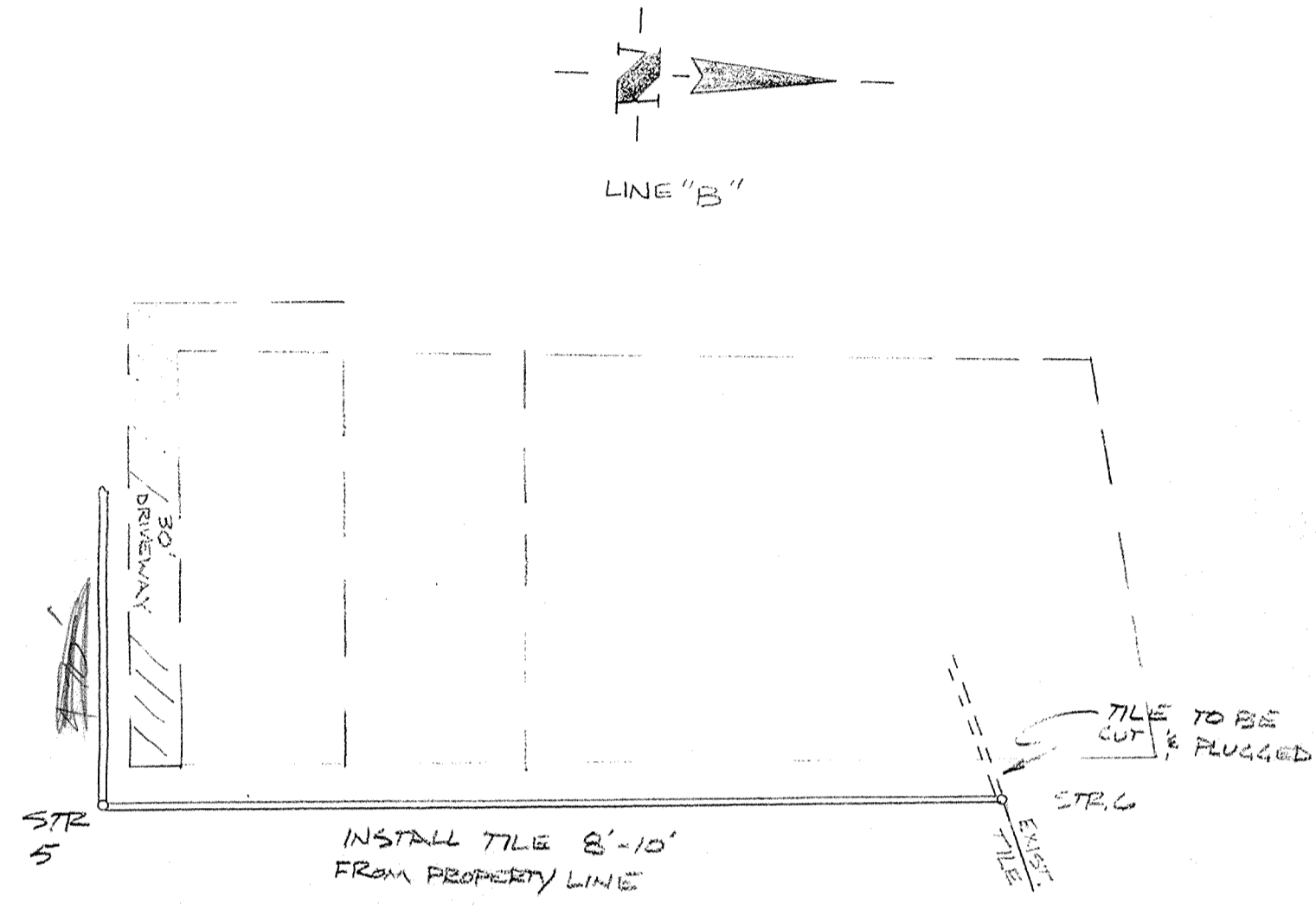


This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

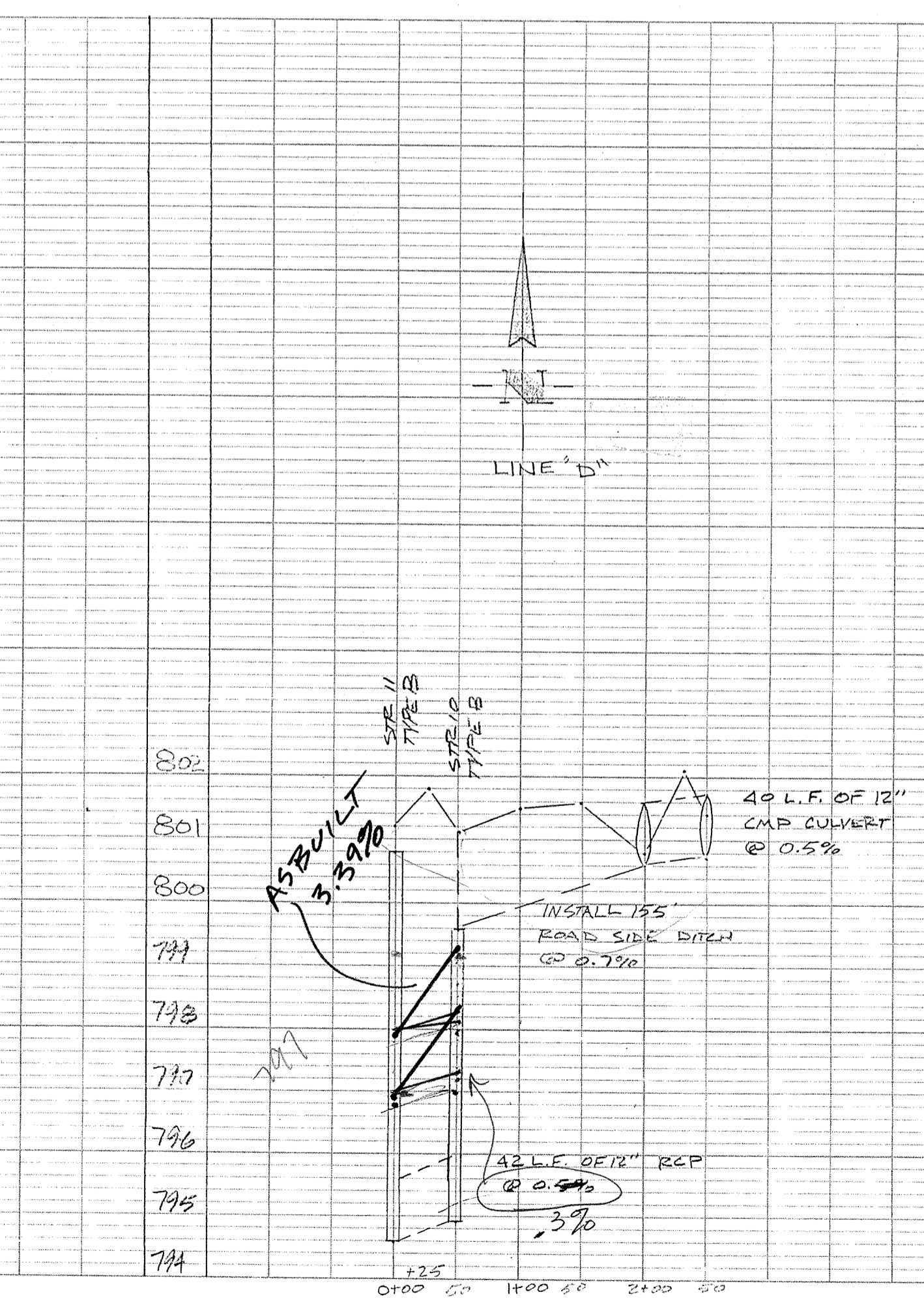
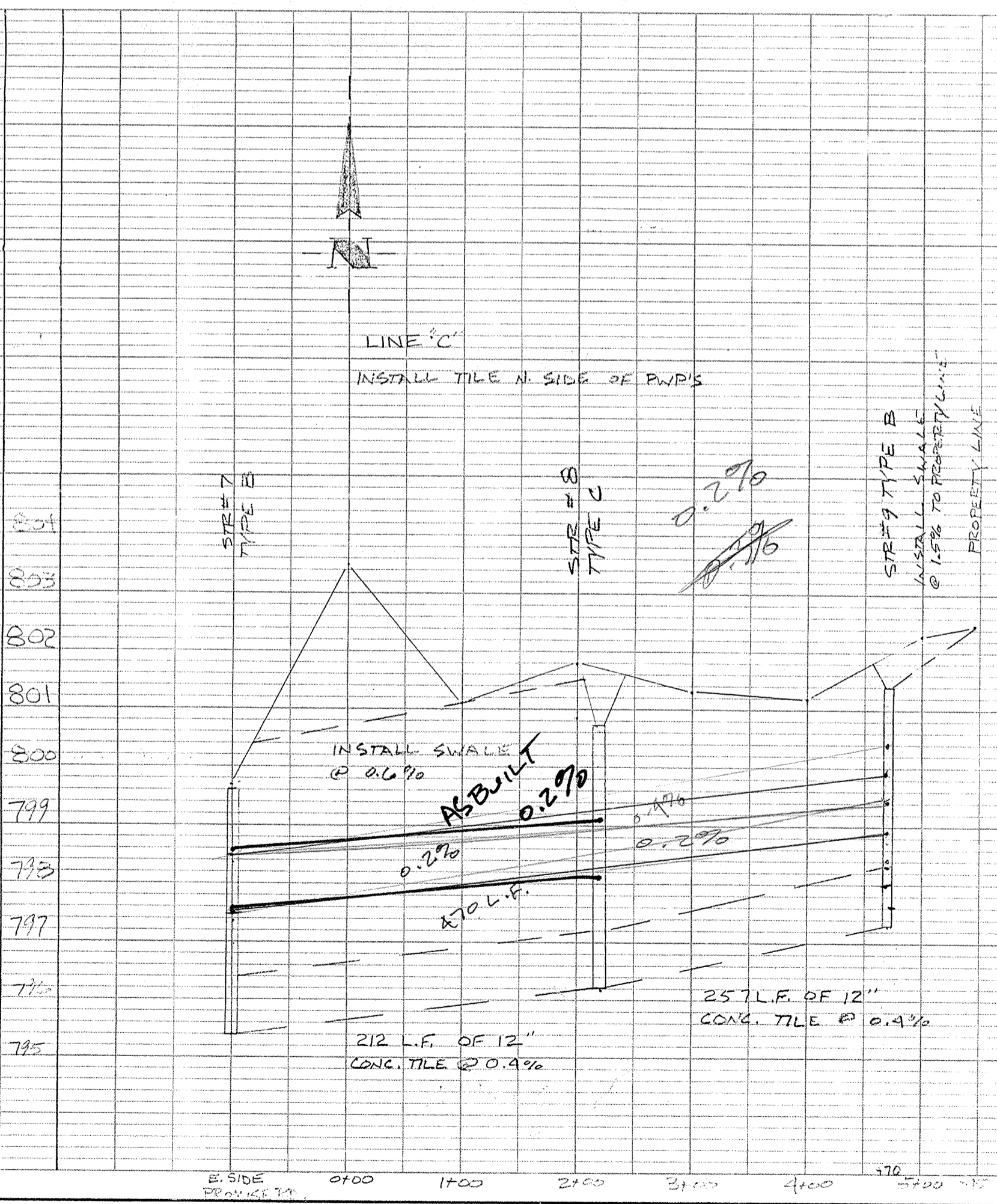
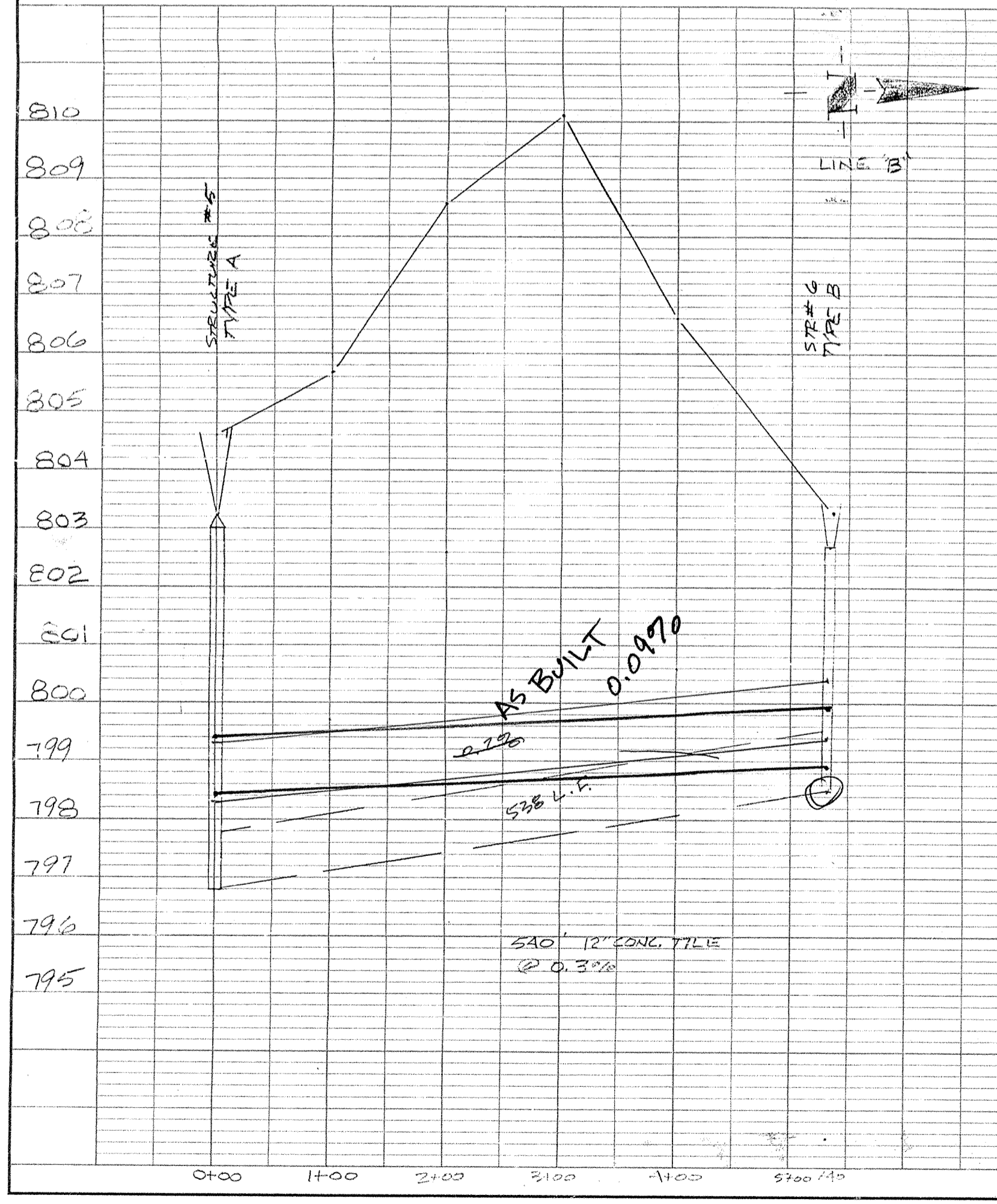
Entry Date: 7-21-04

Entered by: *[Signature]*

DATE	
BY	
SURVEYED	
NOTED	
NOTE BOOK	
RT. OF WAY CHECKED	
NO.	



DATE	8/13
BY	ELWOOD WILSON
SURVEYED	
NOTED	
NOTE BOOK	
RT. OF WAY CHECKED	
NO.	



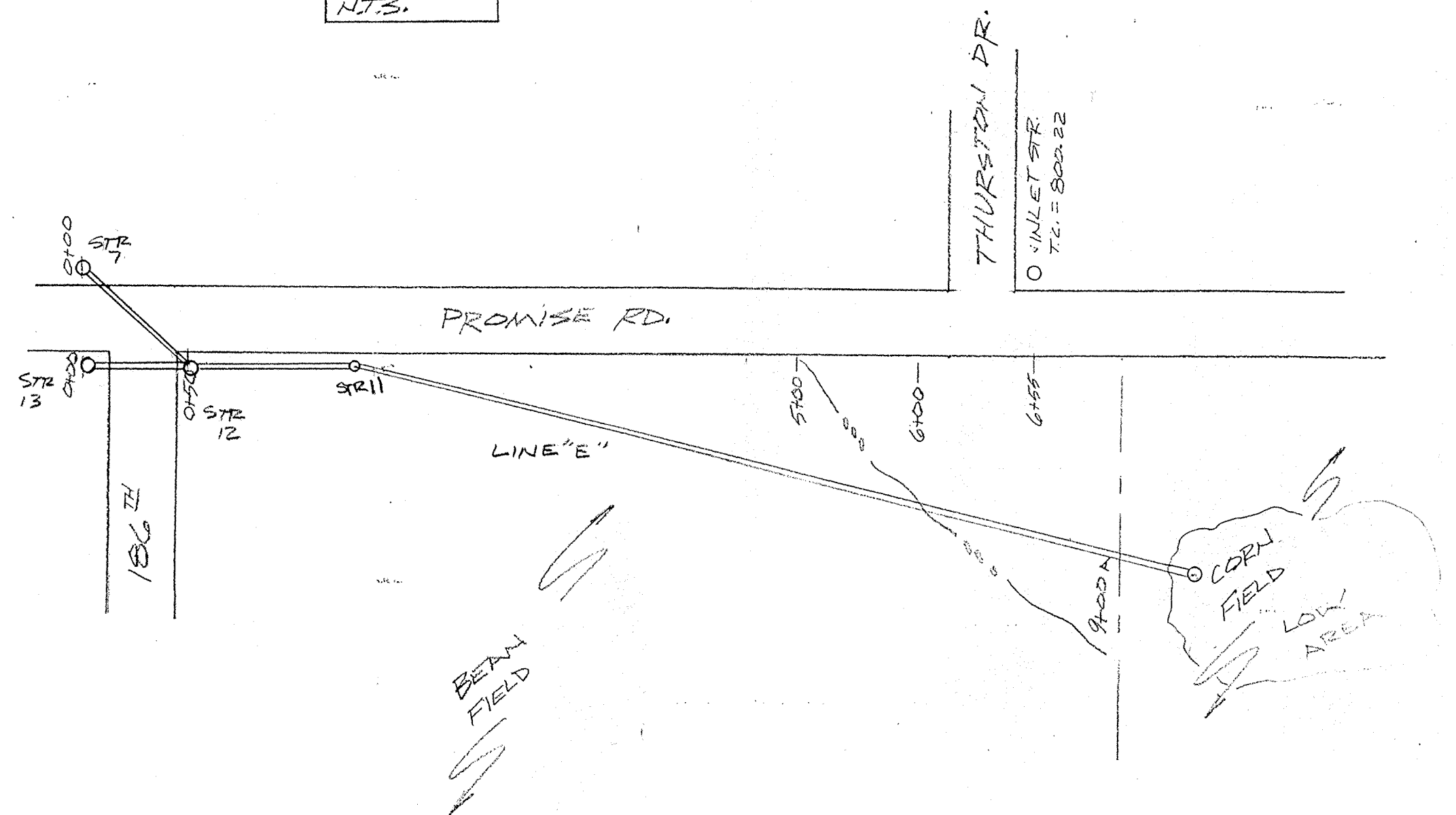
ELWOOD WILSON



Elwood Wilson

PLAN	NO. 13
DATE	7-21-04
REVISION	
PLOTTED	
NOTE BOOK	
ALIGNMENT CHECKED	
BY	
NO.	

NOTE: N.T.S.



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: 7-21-04

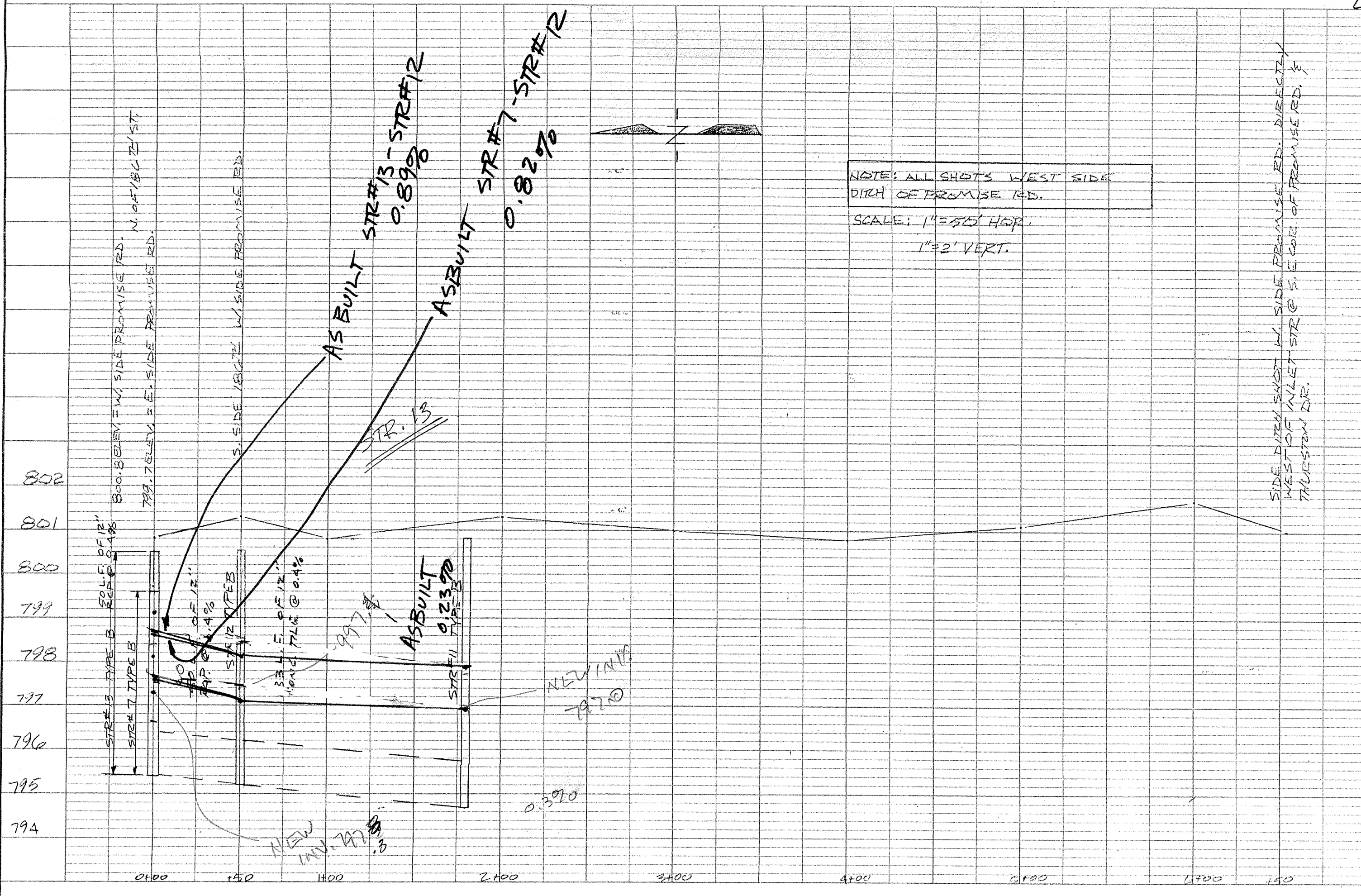
Entered by: *ELW*

94.7  
A1.9  
3.2

B.M. T.C. INLET STR.  
S.E. COR. PROMISE RD.  
& THURSTON DR.  
ELEV. 800.22

ELWOOD WILSON

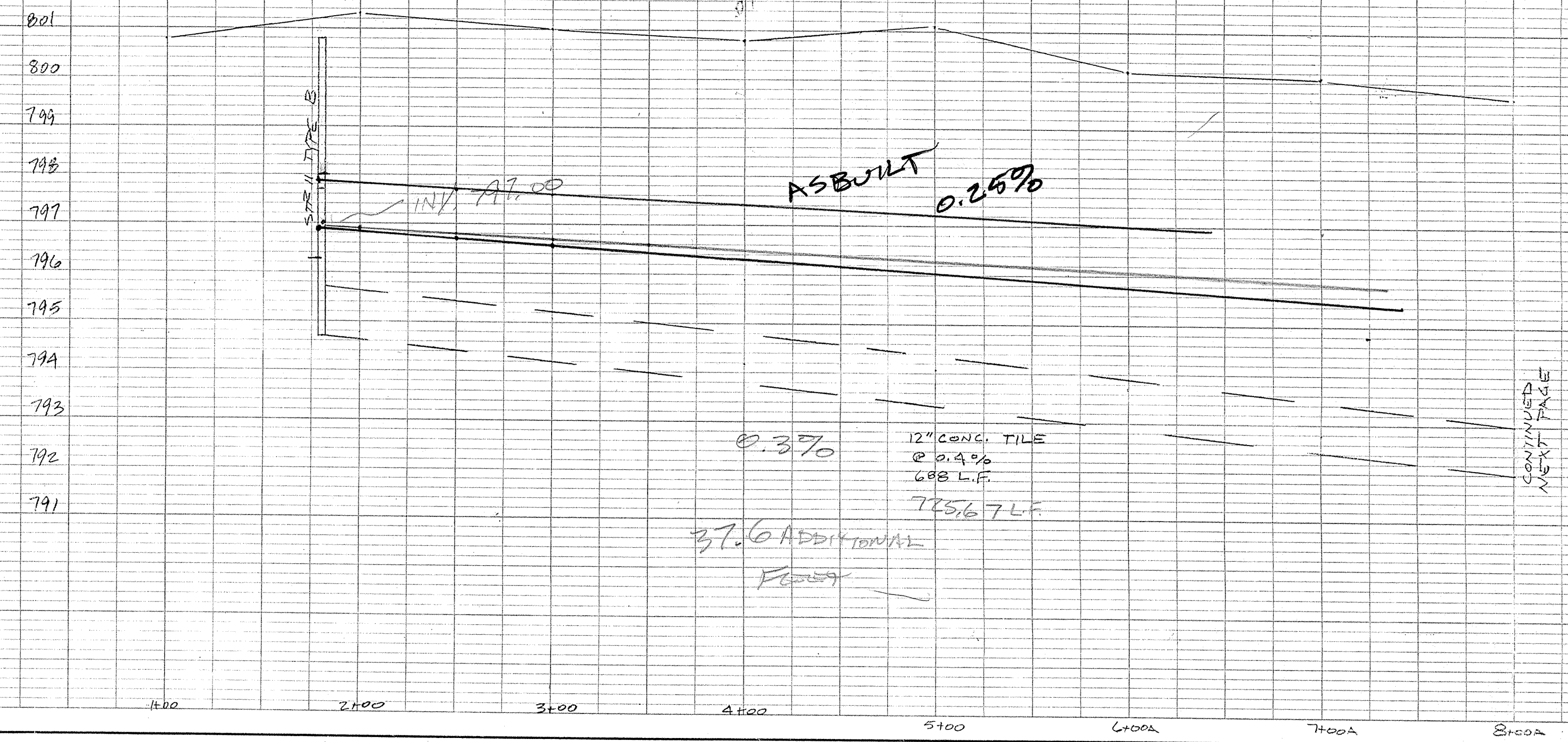
PROFILE	NO. 13
DATE	7-21-04
REVISION	
PLOTTED	
NOTE BOOK	
ALIGNMENT CHECKED	
BY	
NO.	



LINE "E"

NOTE: LOW AREA THRU BEAN FIELD STARTS @ STA 3+00. CONTINUED 100' STKS. THRU SAID LOW AREA. 1" STKS TAKEN @ STA 4+00.00, S.W. DIRECTION OF STKS.

SCALE: 1"=50' HOR.  
1"=2' VERT.



ELWOOD WILSON

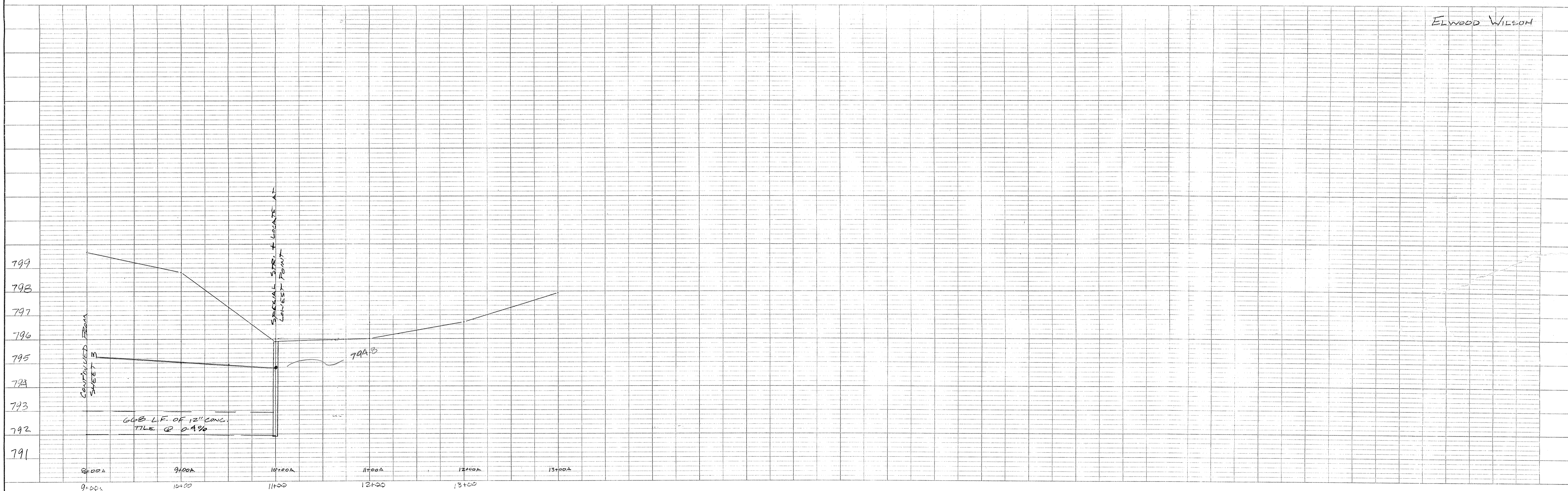


PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
No.	CHECKED	
	RT. OF WAY CHECKED	

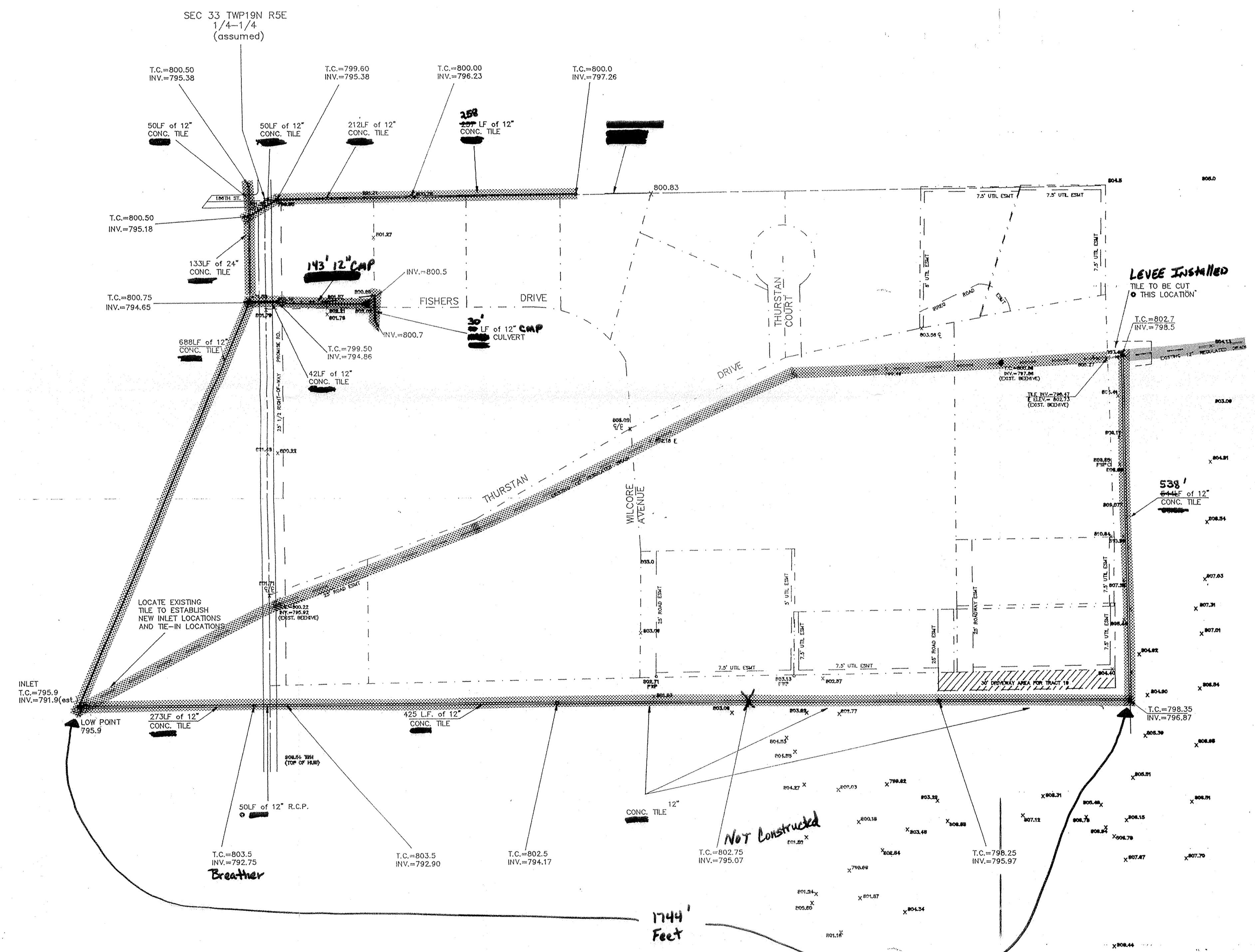
ELWOOD WILSON

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
No.	CHECKED	
	STRUCTURE NOTATIONS CHECKED	

JUL 4 1913



ELWOOD WILSON



HAMILTON COUNTY INDIANA

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: 7-21-04

Entered by: [Signature]

Sheet 2 of 2

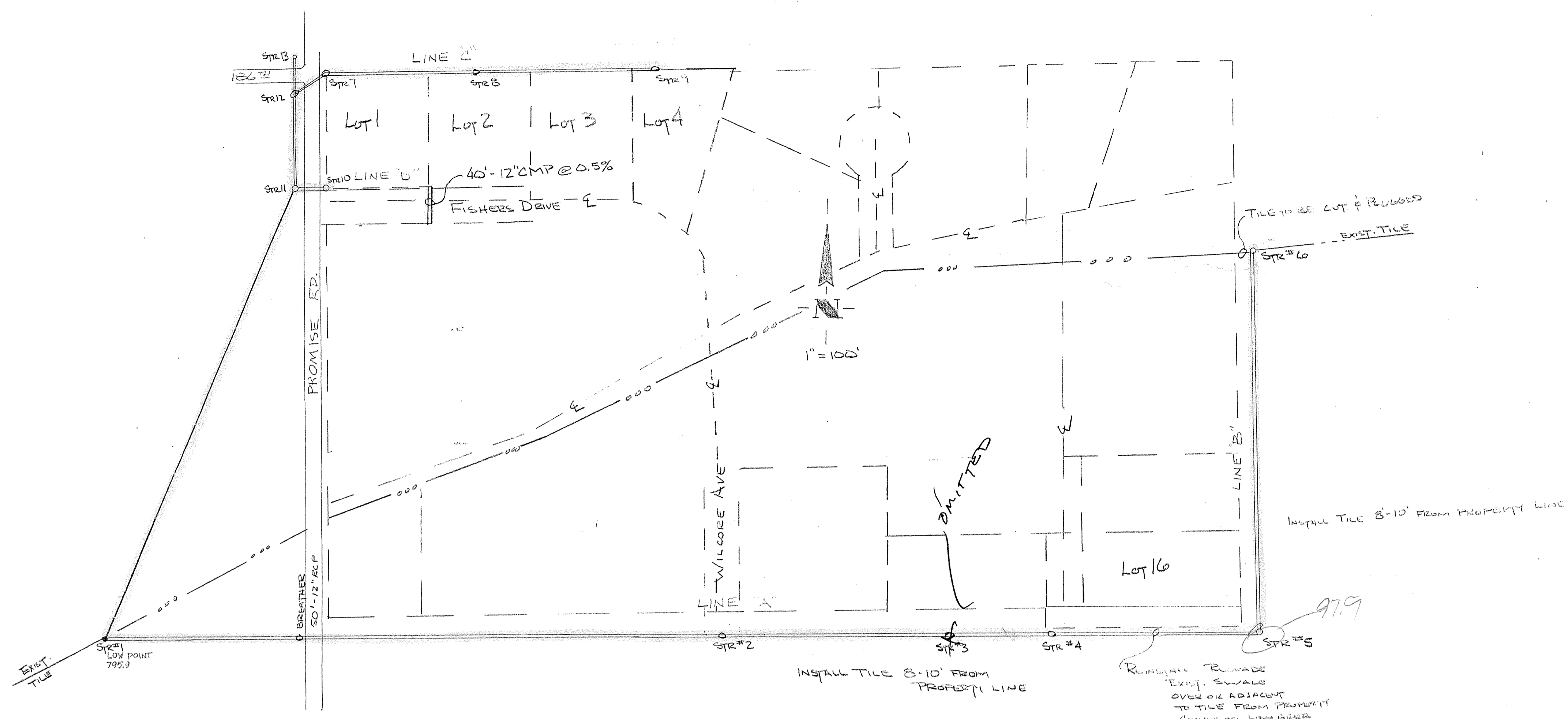
DOUGLAS E. MILLER, P.E.  
 - Consulting Engineering -  
 Vantage Point Office Tower, Suite 470  
 4475 Allisonville Road  
 Indianapolis, Indiana 46205  
 (317)549-3351

FISHERS-OAKWOOD  
 SUBDIVISION  
 SUMMARY PLAN

ELWOOD WILSON  
 REGULATED DRAIN

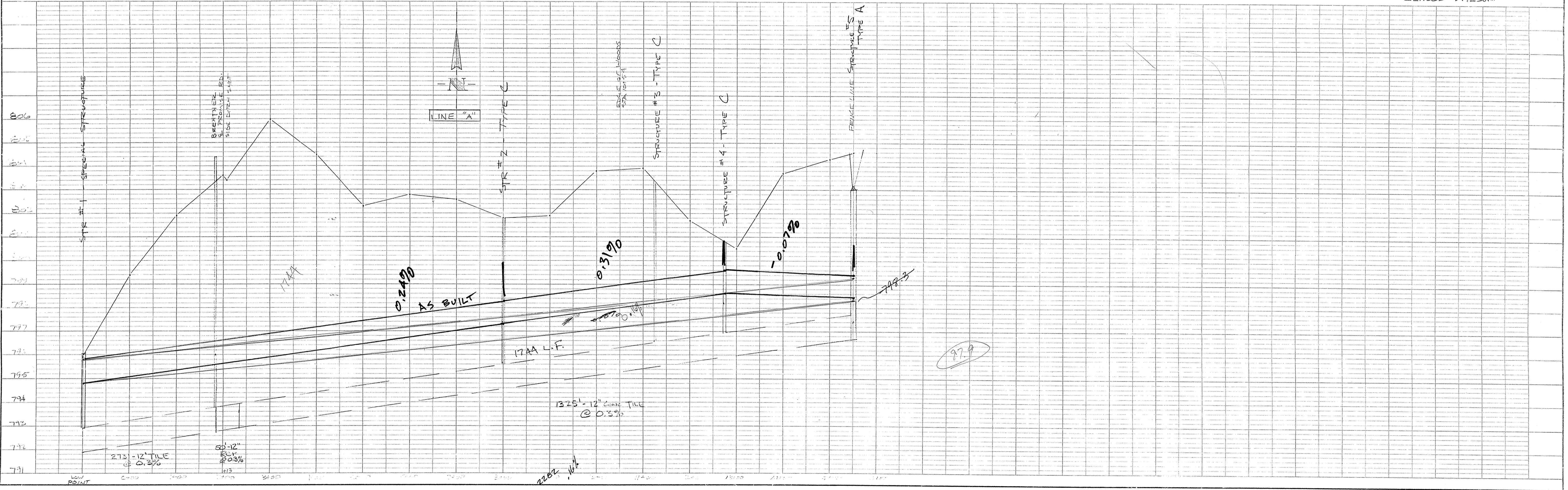


DATE	
BY	
PLAN	
NOTE BOOK	
No.	



HAMILTON COUNTY INDIANA  
 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: 7-21-04  
 Entered by: [Signature]

DATE	
BY	
PROFILE	
NOTE BOOK	
No.	



ELWOOD WILSON

INSPECTOR'S COPY

ELWOOD WILSON DRAINAGE AREA  
 FISHER OAKWOODS ARM

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060