

Drain: MARGARET O'BRIEN Drain #: 124
Improvement/Arm: CROSSPOINTE BUSINESS PARK
Operator: J. LIVINGSTON Date: 5-3-04
Drain Classification: Urban/Rural Year Installed: 1986

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

Jay
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**Gasb 34 Footages for Historical Cost
Drain Length Log**

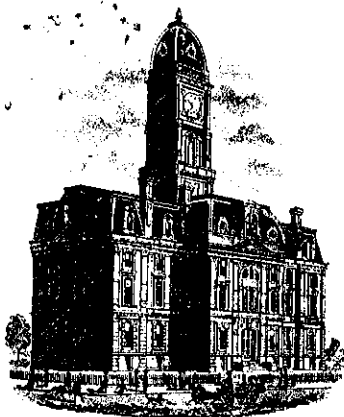
Drain-Improvement: MARGARET O'BRIEN - CROSSPOINTE BUSINESS PARK

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
RCP	12"	699'	699'		7.25/lf	5067.75
	18"	162'	162'		10.50/lf	1701.00
	24"	786'	786'		18.00/lf	14,148.00
	30"	324'	324'		24.00/lf	7,770.00
	36"	644'	688'	+44'	32.25/lf	22,188.00
	42"	458'	458'		52.65/lf	24,113.70
	48"	1257'	1191'	-66'	66.55/lf	79,194.50
	54"	258'	280'	+22'	85.45/lf	23,926.00
PERFORATED PVC	4"	1100'	1100'		0.75/lf	825.00
OPEN DITCH	—	127'	127'		19.55/lf	2482.85

Sum: 5815' 5815' 0' \$181,617.20

Final Report: 5815'

Comments:



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 June 30, 1986

JUL 14 1986

TO: Hamilton County Drainage Board

RE: Margaret O'Brien Drain

HAMILTON COUNTY DRAINAGE BOARD
James M. Williams
SECRETARY

Attached is a petition filed by the Norfolk Southern Corporation on May 12, 1986 for the reconstruction of the Margaret O'Brien Drain. This project shall consist of relocating the existing tile system and incorporating it as part of the storm sewer system for the Northgate Business Park.

I have reviewed the plans for the development and believe them to be acceptable. I recommend that the storm sewer system shown in red on the attached plan be added to the O'Brien Drain. This would be from structure 40 to 46 and 44 to 46 on sheet 7; 46 to 65, including structure 47,50 and 51 on sheet 8; 68 to 70 including structures 66,69,72,74,73,77,76 and 75 on sheet 9; structure 55 on sheet 34, offsite improvements (Drain #4) on sheet 35; structure 71a on sheet 38; structure 80 on sheet 37; structure 64 to 65 and 59 to 65 on sheet 33. The detention basin on drain #4 (sheet 33, detail on sheet 37) will be maintained by the petitioner. The concrete gutter, structure 94,95,96 and the existing 36" pipe under the railroad parallel to structure 94 shall be maintained as part of the Margaret O'Brien Drain. By maintaining the above, I would hope that problems regarding maintenance responsibility between the Drainage Board and the Town of Fishers would not arise.

The existing tile drain will be intercepted at the East end of structure NO. 55 (approximately STA 15+60 of the existing drain)

The existing regulated tile from this point to it's outlet (STA 44) would be abandoned and the new storm sewer would replace this as the

regulated drain. Also to be abandoned will be Arm #2 of the drain.

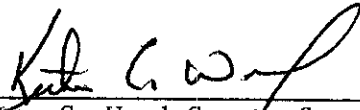
The new drain would consist of the following:

12" RCP	546'	42" RCP	460'
15" RCP	565'	48" RCP	1072'
18" RCP	284'	54" RCP	280'
24" RCP	785'	Open Ditch	127'
30" RCP	324'	Concrete Gutter	1100'
36" RCP	618'		

The total new drain will be 6161 feet. Excluding the abandoned length of Main Drain-2840 feet and Arm #2-630 feet, the total additional drain will be 2691 feet.

The drainage shed will not change at this time. However, upon development of the park various changes in the shed may occur depending on the drainage plans of individual projects. I also would recommend the assessment remain the same at this time.

KCW/no


Kenton C. Ward-County Surveyor

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: Margaret O'Brien Drain Improvements
Phase I - Crosspoint, Fishers, Indiana
For Norfolk Southern Corporation

I hereby certify that: Professional Engineer

- 1.) I am a Registered ~~Land Surveyor~~ 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, and
- 4.) To the best of my knowledge, information and belief, the Drainage Facilities within the subdivision has been installed and completed in conformity with all plans and specifications.

Signature: Thomas F. Hutzler Date: October 21, 1987

Type or Printed Name: Thomas F. Hutzler

Business Address: c/o Clyde E. Williams & Associates, Inc.
8925 North Meridian Street, Indianapolis, Indiana 46260

Telephone: 317 - 844-8900

INDIANA REGISTRATION NUMBER

13037

SEAL





SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 146

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

September 10, 1998

To: Hamilton County Drainage Board

**Re: Margaret O'Brien Drain: Crosspointe
Business Park (Norfolk & Southern Recons.)**

Attached are as-builts, certificate of completion & compliance, and other information for Crosspointe Business Park. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain which will alter the plans submitted with my report for this drain dated June 30, 1986. The changes are as follows:

12" RCP - 699' 24" RCP - 786' 36" RCP - 644' 48" RCP - 1257'
18" RCP - 162' 30" RCP - 324' 42" RCP - 458' 54" RCP - 258'
4" PERF.PVC - 1100' OPEN DITCH - 127'

Str. 48 was deleted and constructed as Strs. 48A to 48B. These two structures connect to structure 49. As a result 4ft of 18" RCP was not constructed for structure 48. Str. 48A consisted of 20ft of 12" RCP and Str. 48B consisted of 46ft of 12" RCP.

Str. 75 - 80 12" RCP lengthened from 4ft to 6ft.

Str. 76 - 80 12" RCP lengthened from 4ft to 6ft.

Str. 73 - 74A 12" RCP lengthened from 4ft to 10ft.

Str. 74 - 74A 12" RCP lengthened from 4ft to 10ft.

Str. 78 - 79 12" RCP lengthened from 4ft to 6ft.

Str. 79 - 80 12" RCP lengthened from 322ft to 327ft.

Str. 42 - 42A 12" RCP 50ft in length. Str. 42A - 43 12" RCP 14ft in length.

The asbuilts on page 33 show revisions to Str. 65 and Strs. 59-64. The revisions show a 48" RCP at 120 ft in length. This was constructed along with a temporary earthen swale. This replaced Strs. 59-64. As a result, three sections of 15" RCP were not constructed totaling 565ft, and one section of 18" RCP totaling 130ft was deleted.

Str. 47-49 18" RCP lengthened from 46ft to 54ft.

Str. 41-43 18" RCP lengthened from 46ft to 54ft.

Str. 71A – 74A 24" RCP lengthend from 470ft to 472ft.

Str. 43-46 24" RCP shortened from 315ft to 314ft.

Str. 55-56 42" RCP shortened from 460ft to 458ft.

Str. 80-detention pond #4 outlet 54" RCP shortened from 280ft to 258ft.


The 1100ft of concrete gutter in detetion pond #4 was replaced with 1100ft of 4" perferated PVC.

Str.95-detention pond #4 was omitted from the original report. This segment consists of 66ft of 48" RCP.

The length of the drain due to the changes described above is now **5815 feet**.

I recommend the Board approve the drains construction as complete and acceptable.

Sincerely,

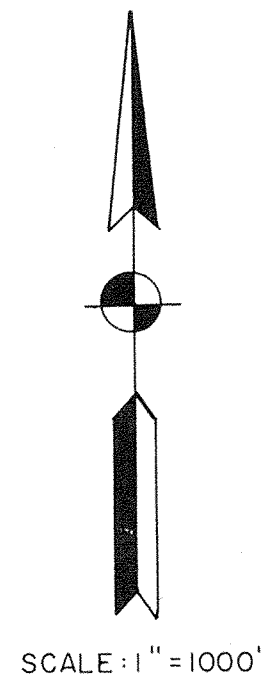
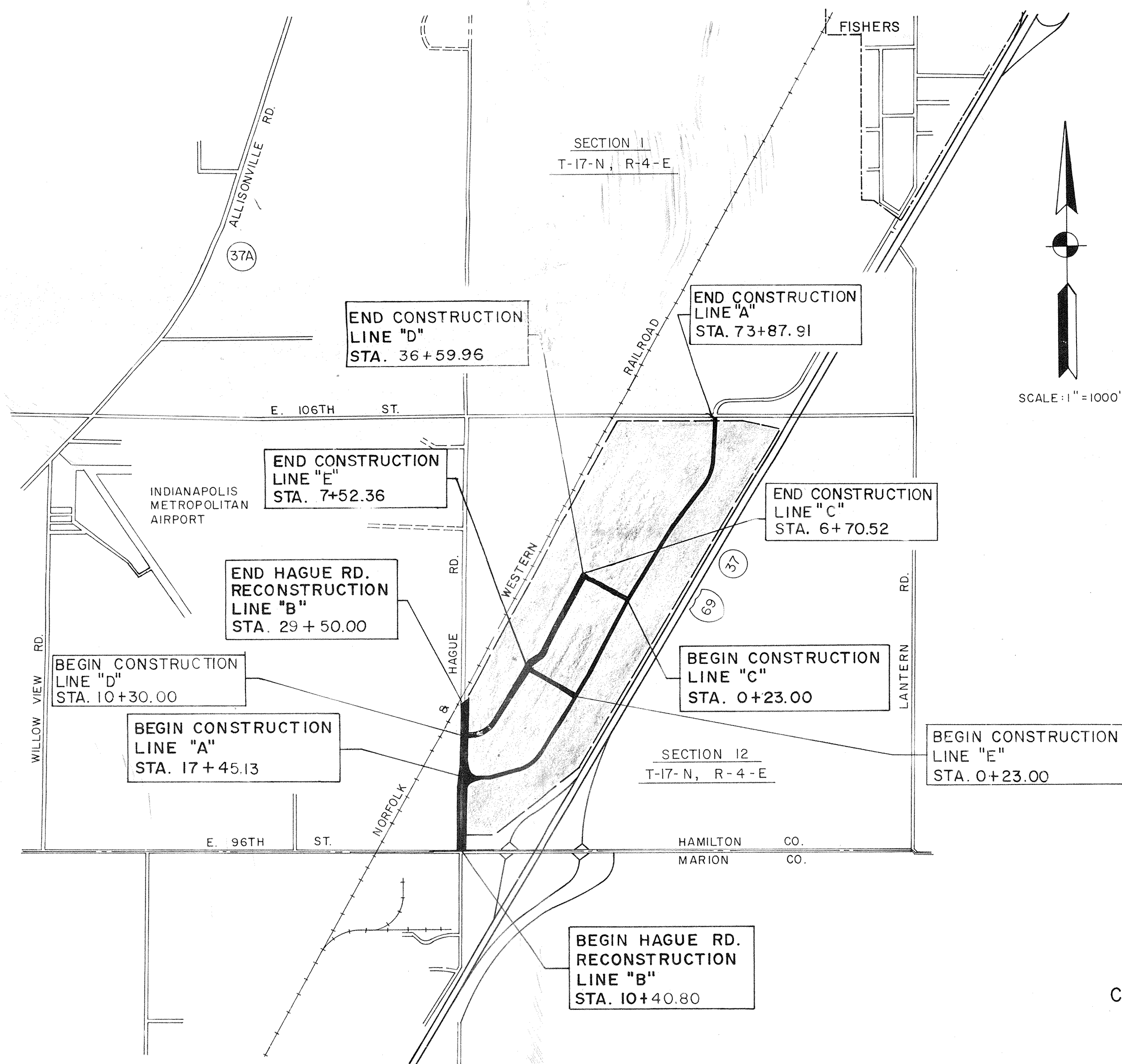


Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

PHASE I SITE IMPROVEMENTS CROSSPOINT

NORFOLK SOUTHERN CORPORATION FISHERS, INDIANA



APPROVED BY:

NORFOLK SOUTHERN CORPORATION

DATE _____

TOWN OF FISHERS

DATE _____

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: 5-5-04

Entered by: [Signature]

APR, 1985

THESE PLANS PREPARED BY
CLYDE E. WILLIAMS & ASSOCIATES INC.
PROFESSIONAL ENGINEERS
SOUTH BEND INDIANAPOLIS
CERTIFIED [Signature] DATE 5/13/86

REVISED 10-87 SHEETS 23, 23A, 23C
REVISED 7-87 SHEETS 4, 7, 13, 17, 15A, 15B, 15C, 23, 23A, 23C, 23D

FILED
APR 11 1988
HAMILTON COUNTY DRAINAGE BOARD
SECRETARY

Rev. to show future construction locations J.E.F. 10/29/86

SURVISED BY: M. Foxton
 PLOTTED BY: R. White
 NOTE BOOK: ALIGNMENT CHECKED
 No.

SURVISED BY: M. Foxton
 PLOTTED BY: R. White
 NOTE BOOK: GRADES CHECKED
 No.

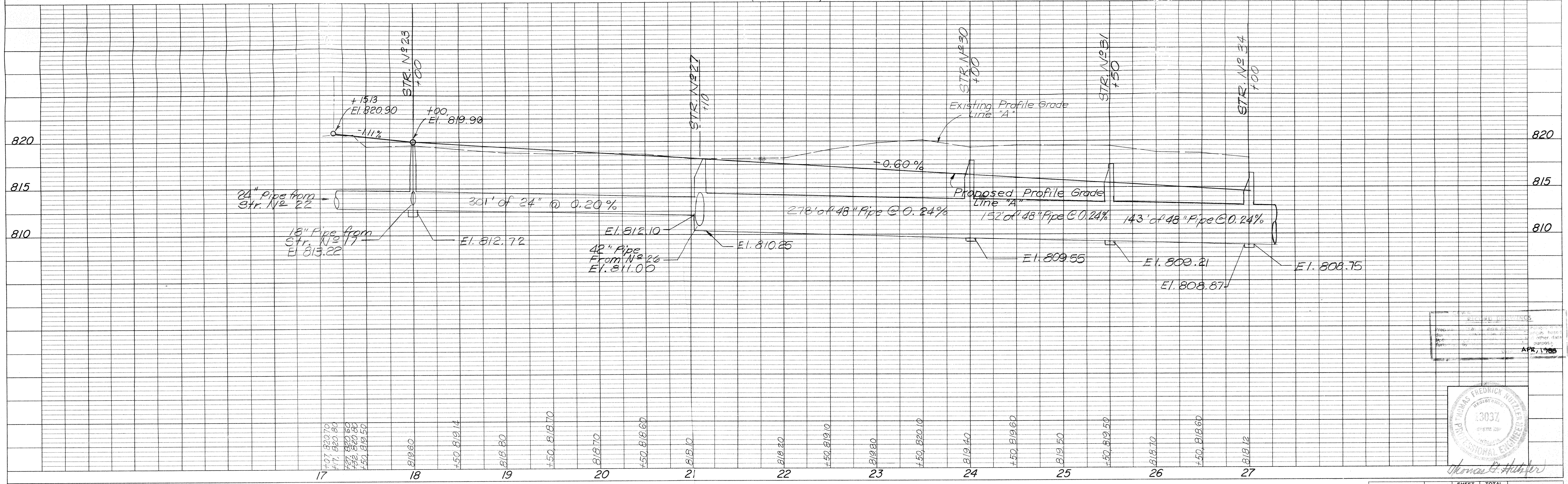
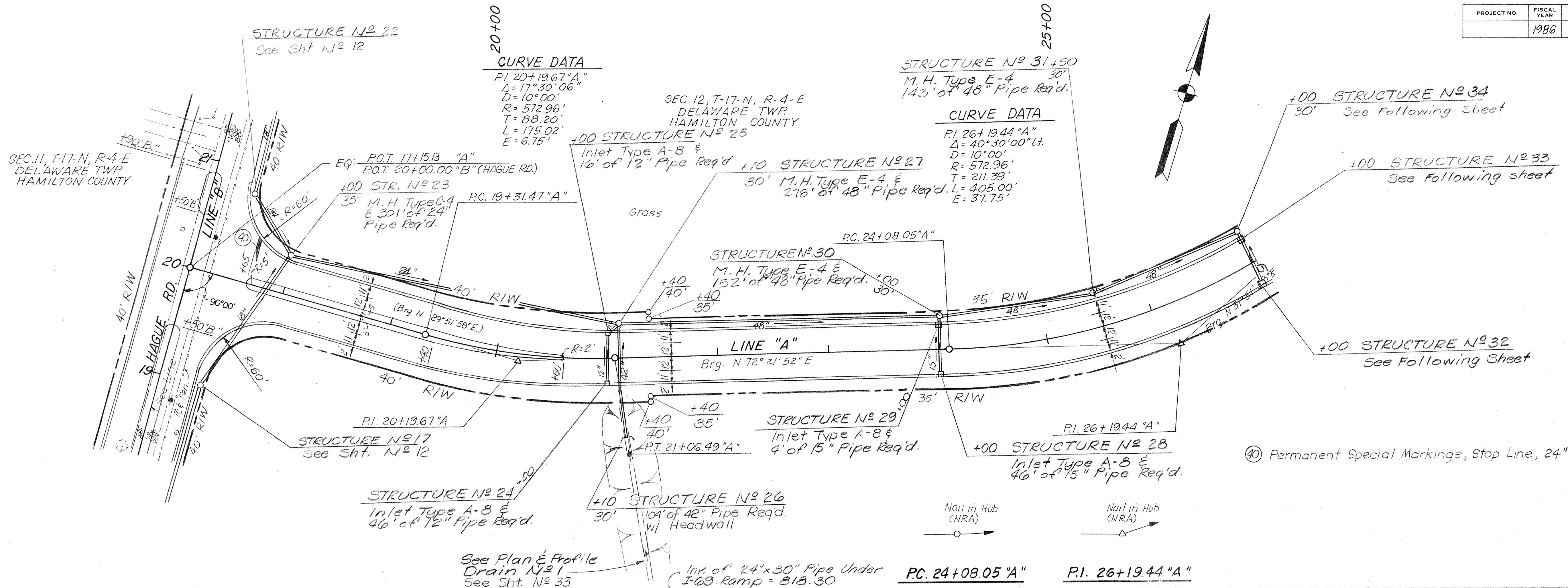
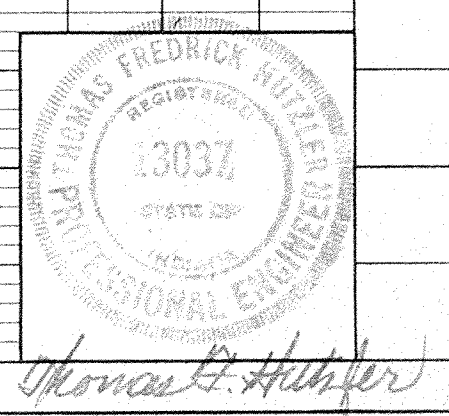


PLATE 1 - PLAN - PROFILE S. R. R. STANDARD
 1975

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
	"A"	6	123	

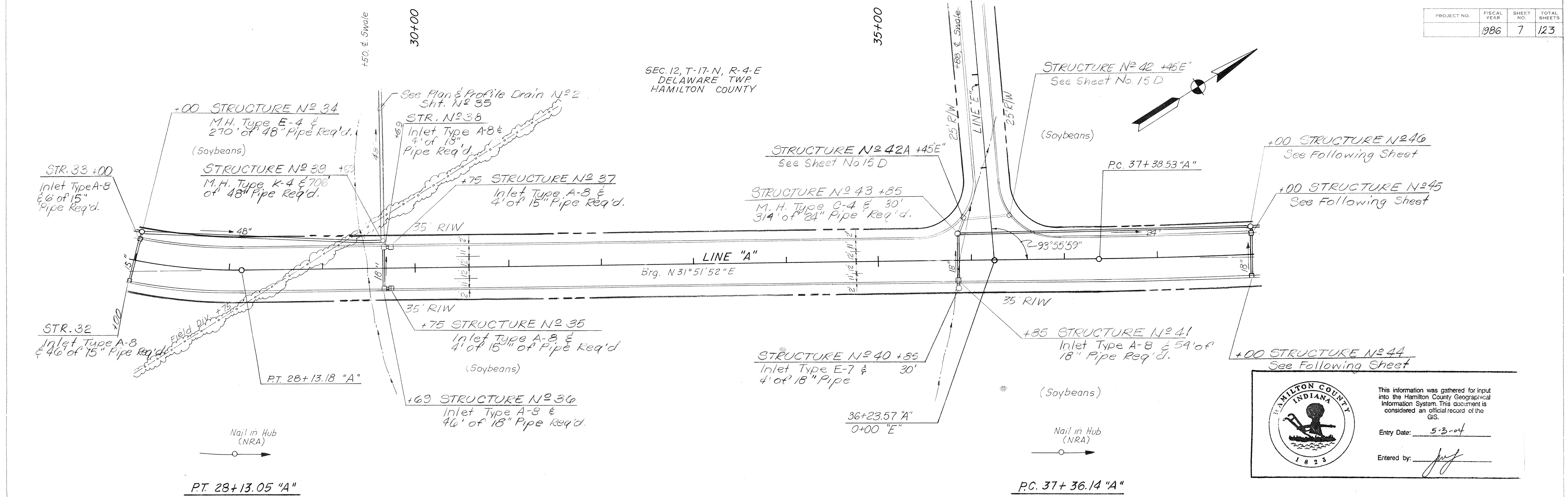
RECEIVED
 APR 1 1986



PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	1986	7	123

SEC. 12, T-17-N, R-4-E
DELAWARE TWP.
HAMILTON COUNTY

DATE: Nov. 1983
BY: M. Koyfman, R. White
CHECKED: R. White
NO. 1077

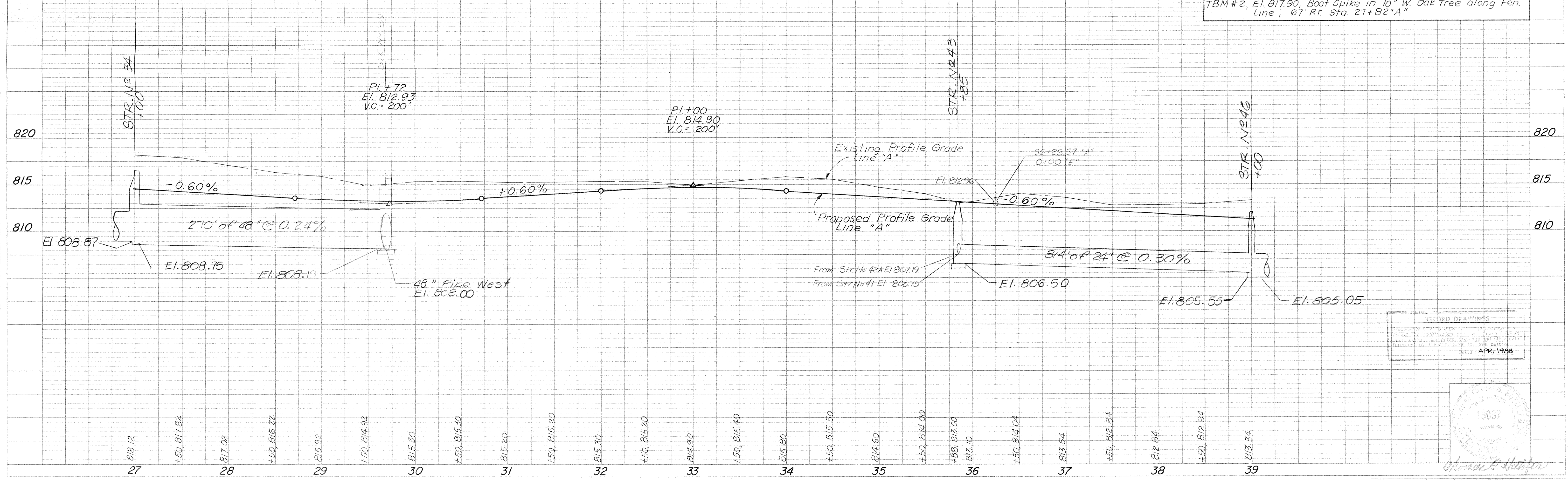


This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 5-3-04

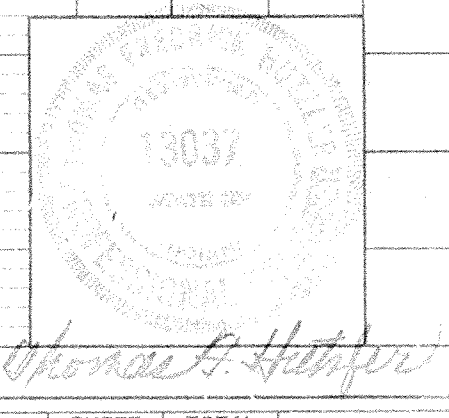
Entered by: *[Signature]*

DATE: Nov. 1983
BY: M. Koyfman, R. White
CHECKED: R. White
NO. 1077



TBM #2, El. 817.90, Boat Spike in 10" W. Oak Tree along Fen. Line, 67' Rt. Sta. 27+82.4"

RECORD DRAWINGS
DATE: APR. 1988



PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS	FILE
	"A"	7	123	

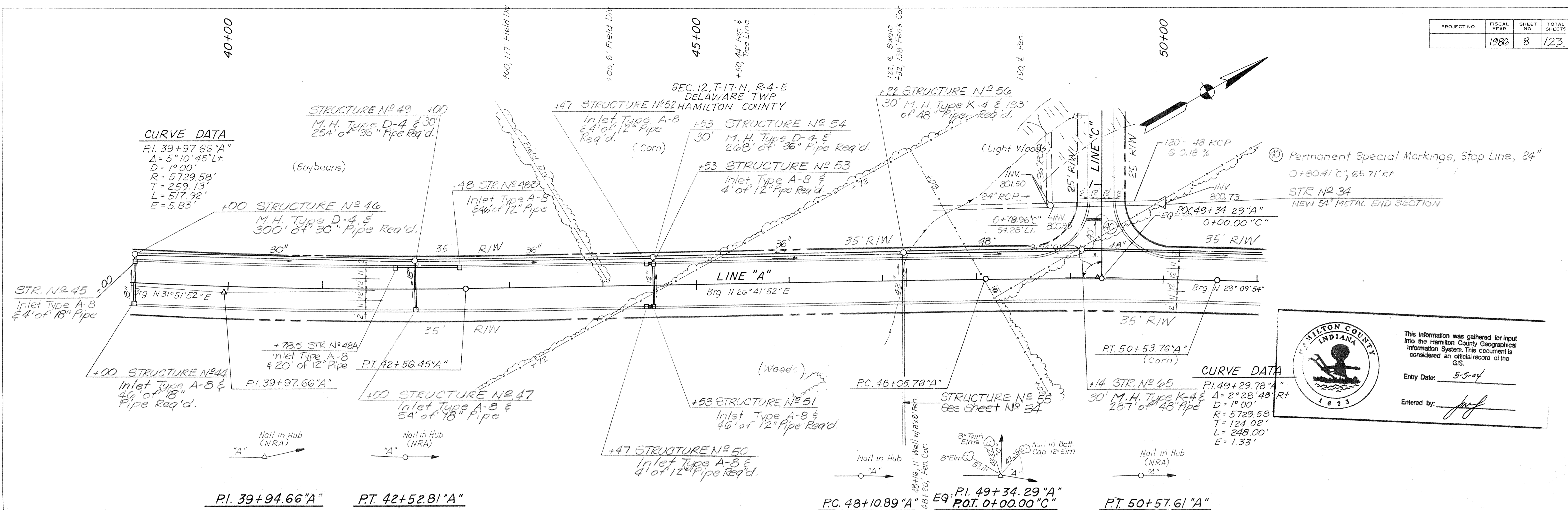
Rev. 10/86 48" Storm Sewer
Rev. 7/87 Add Line E

PLATE 1 - PLAN - PROFILE - STANDARD
1975

PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	1986	8	123

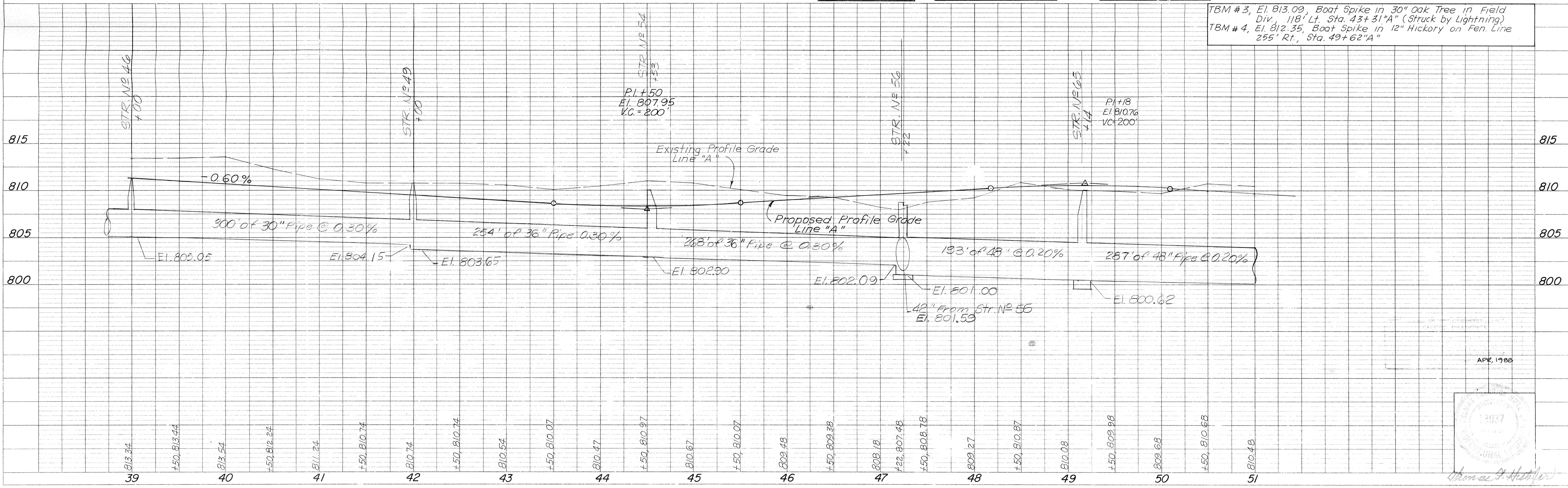
DATE: Nov '85
 BY: M. Koyton, R. White
 SURVEYED, PLOTTED, ALIGNED, CHECKED, NOTE BOOK, IN CHARGE

DATE: Nov '85
 BY: M. Koyton, R. White
 SURVEYED, PLOTTED, GRADES CHECKED, STRUCTURE NOTATIONS CHECKED, NOTE BOOK, IN CHARGE



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: 5-5-04
 Entered by: [Signature]



TBM # 3, E1.813.09, Boat Spike in 30" Oak Tree in Field Div., 118' Lt. Sta. 43+31"A" (Struck by Lightning)
 TBM # 4, E1.812.35, Boat Spike in 12" Hickory on Fen. Line 255' Rt., Sta. 49+62"A"

PLATE 1 - PLAN - PROFILE - R.R. STANDARD 1975

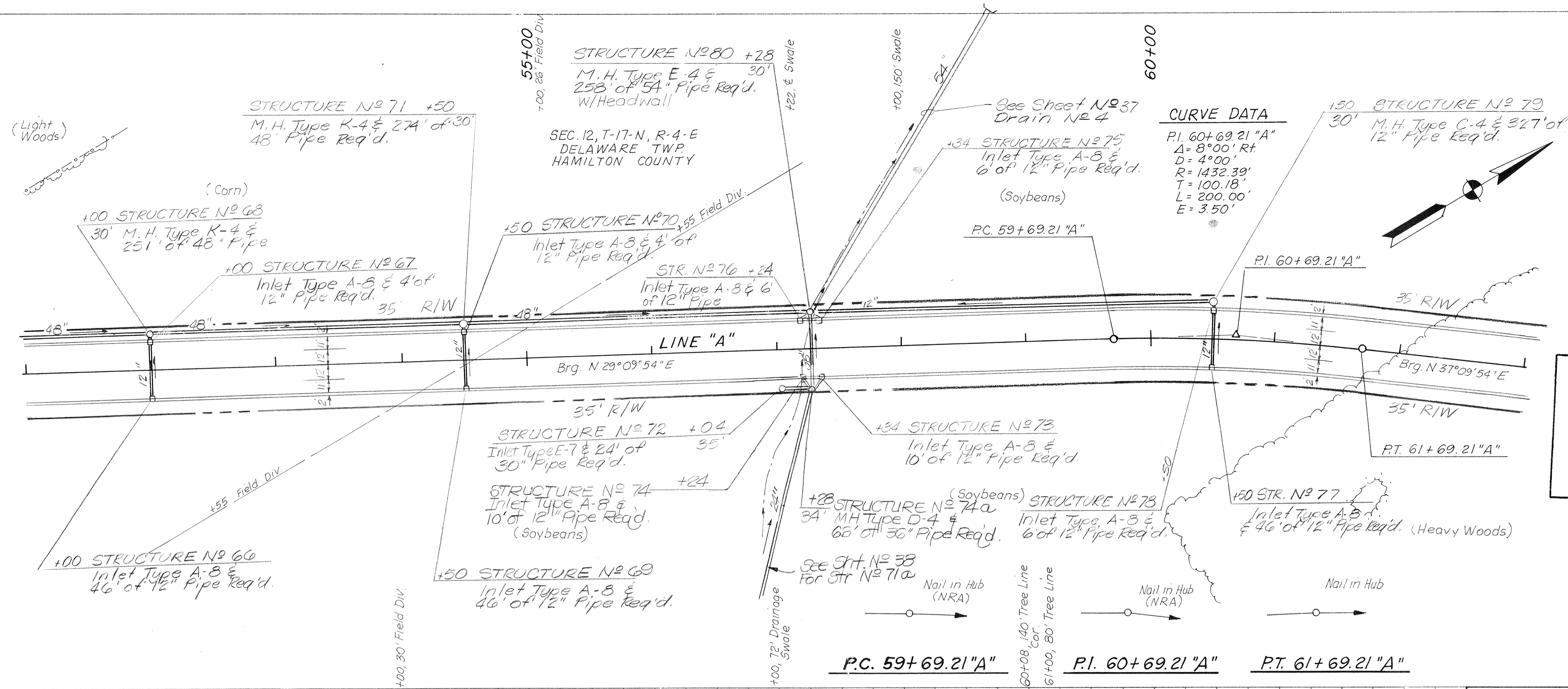
PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS
	"A"	8	123

Rev P1 10-29-86 MDR
 Rev Drainage Line "C" 10-13-87

PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	1986	9	123

DATE: Nov. 85
 BY: M. Kayton, R. White
 SURVEYED, PLOTTED, & CHECKED
 NOTE BOOK NO. 18
 RE. OF WAY CHECKED

DATE: Nov. 85
 BY: M. Kayton, R. White
 SURVEYED, PLOTTED, & CHECKED
 NOTE BOOK NO. 18
 RE. OF WAY CHECKED



MILTON COUNTY INDIANA

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Entry Date: 5-5-04

Entered by: [Signature]

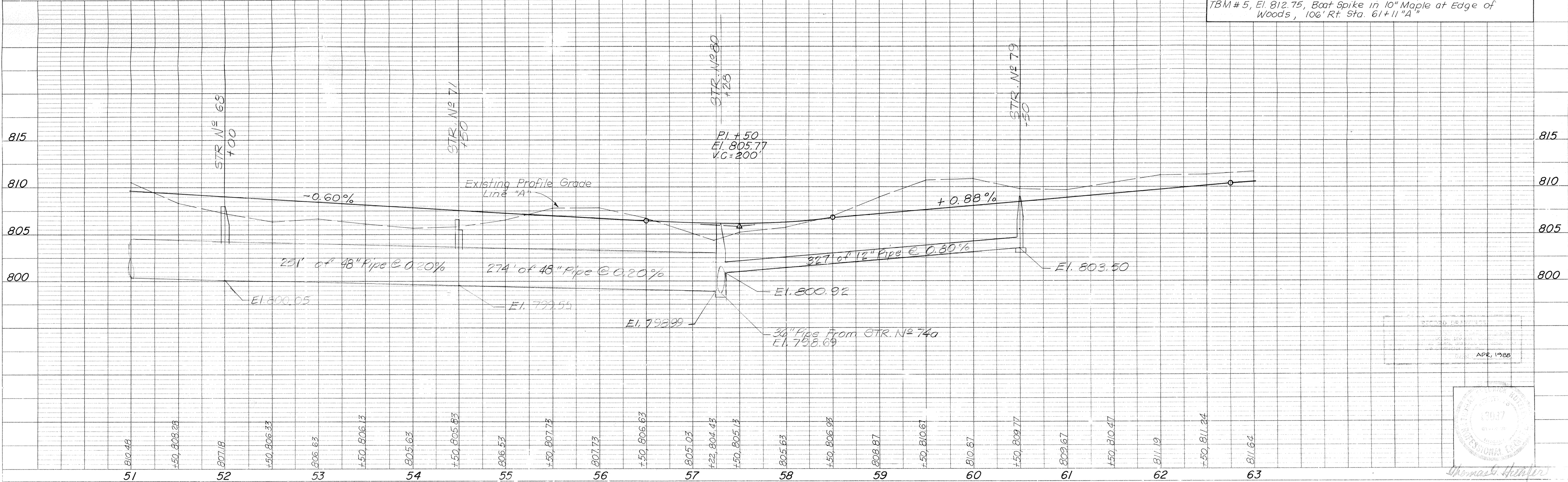
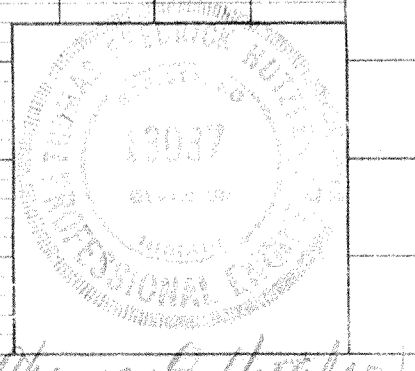


PLATE 1 - PLAN - PROFILE B. R. STANDARD 1975

PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS
	4A	9	123



Thomas H. Hester

Rev. 10-29-86
 Sewer Elevations

PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	1986	10	123

DRAWN BY: M. White
 CHECKED BY: R. White
 DATE: Dec. 85
 PROJECT: 10-29-86 MDR
 SHEET: 10
 TOTAL SHEETS: 123

PROFILE
 DRAWN BY: M. White
 CHECKED BY: R. White
 DATE: Dec. 85
 PROJECT: 10-29-86 MDR
 SHEET: 10
 TOTAL SHEETS: 123

SEC. 12, T-17-N, R-4-E
 DELAWARE TWP.
 HAMILTON COUNTY

CURVE DATA

P.I. 67+26.85 "A"
 $\Delta = 38^{\circ}31'43''$
 $D = 10^{\circ}00'$
 $R = 572.96'$
 $T = 194.65'$
 $L = 375.29'$
 $E = 32.16'$

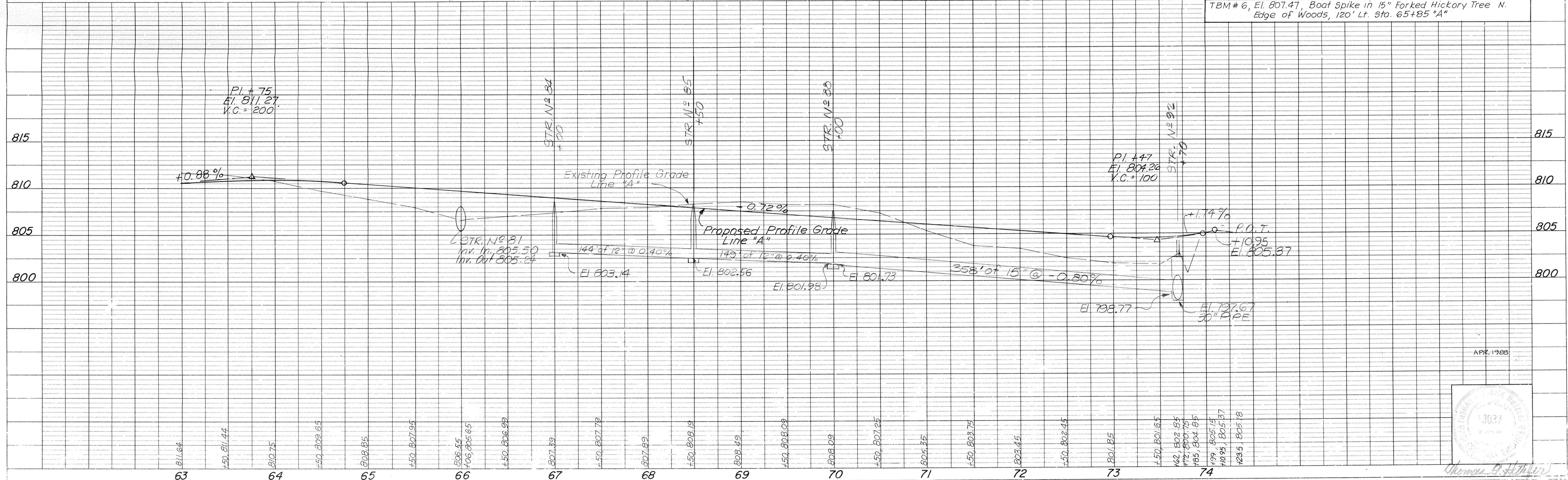
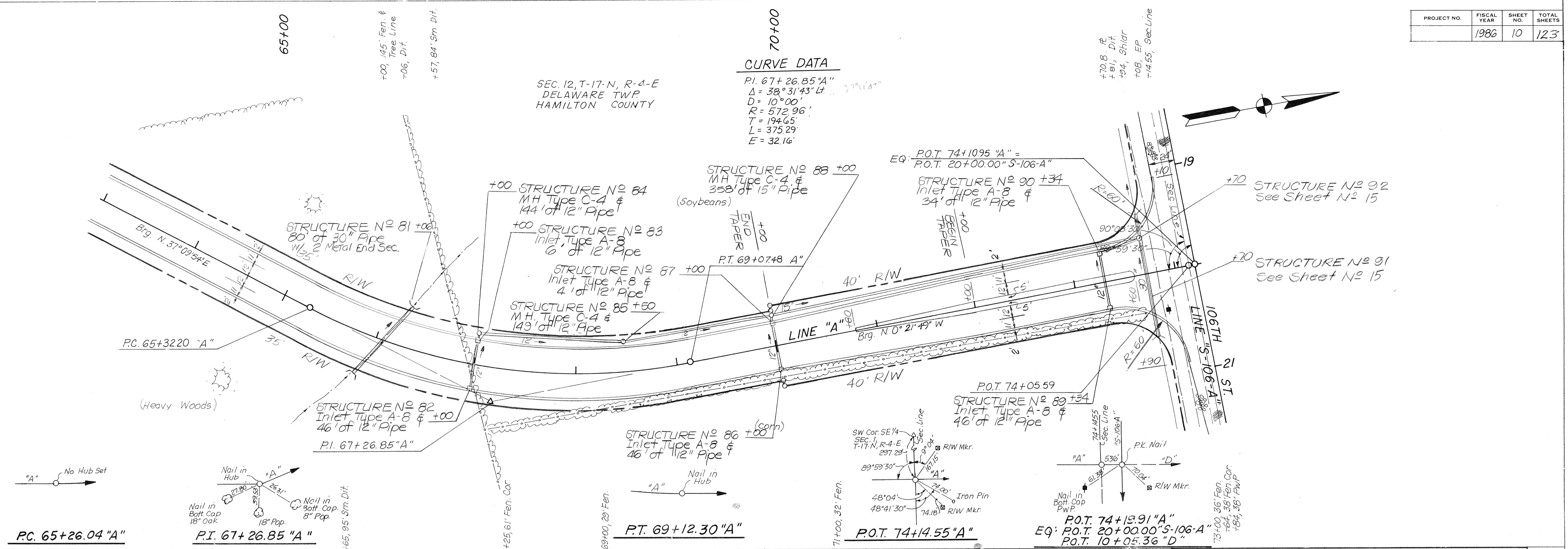


PLATE 1 - PLAN, PROFILE OF S. R. STANDARD 1975

PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS
	"A"	10	123

Rev. PI 10-29-86 MDR

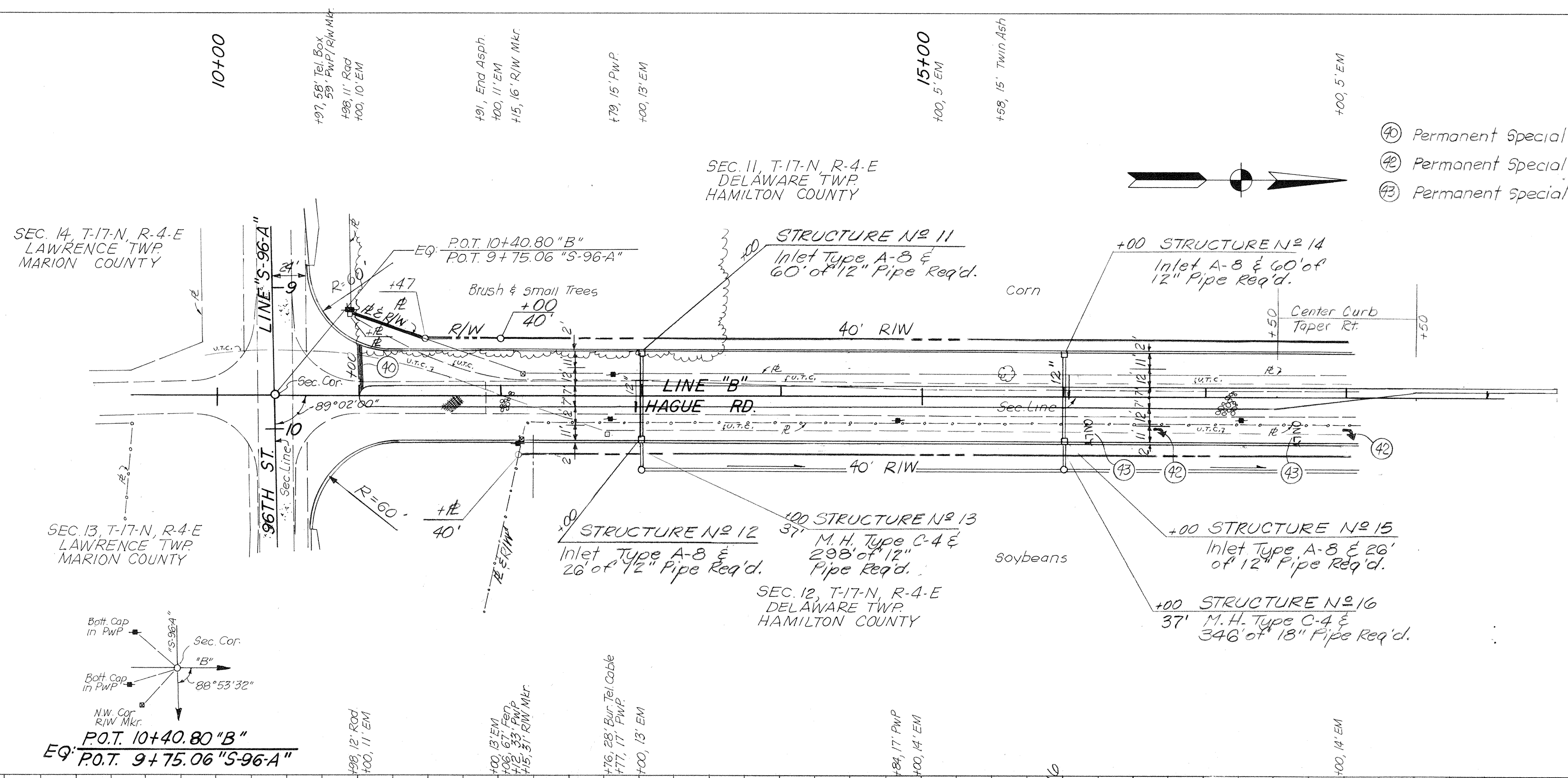
PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	1986	11	123

DATE	BY	NO.
Dec. 85	M. Kaufman	Dec. 85
Dec. 85	R. White	Dec. 85

PLAN
NOTE BOOK
No. _____

DATE	BY	NO.
Dec. 85	M. Kaufman	Dec. 85
Dec. 85	R. White	Dec. 85

PROFILE
NOTE BOOK
No. _____



- (40) Permanent Special Markings, Stop Line 24"
- (42) Permanent Special Markings, Lane Indication Arrow
- (43) Permanent Special Markings, Word Only

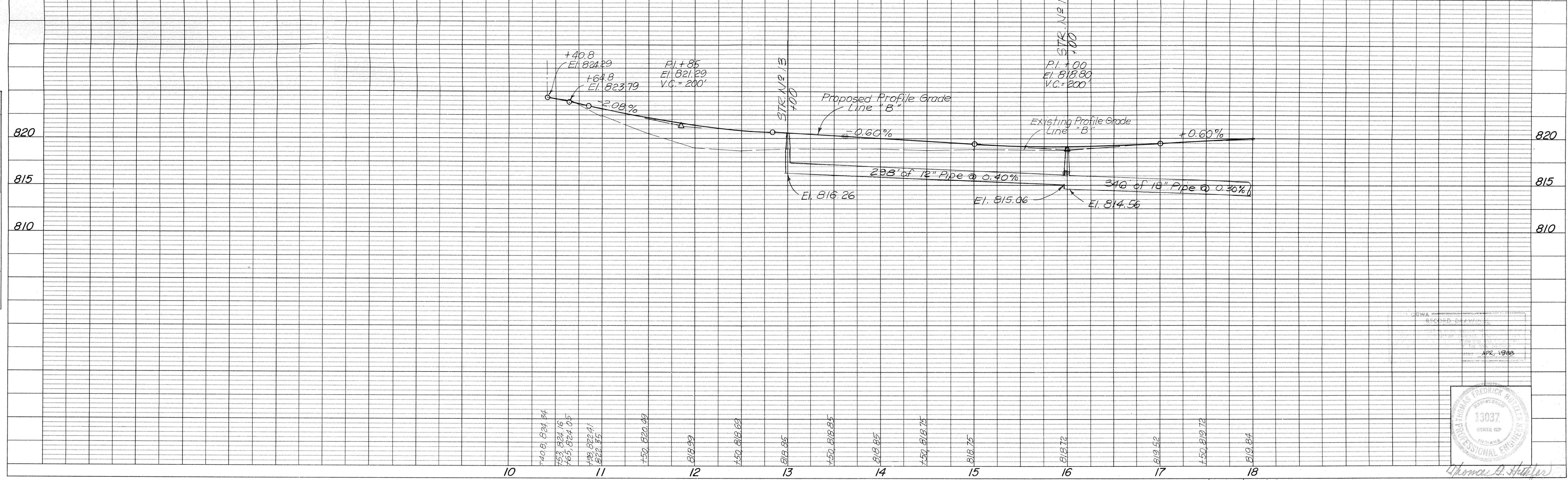
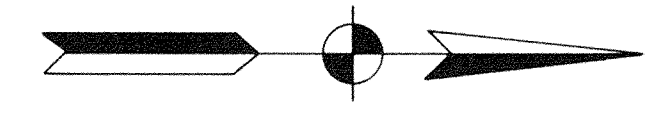
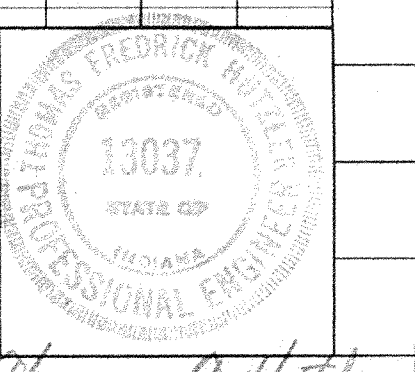


PLATE 1 - PLAN - PROFILE B. R. R. STANDARD
1975

Rev. 10/86 to show telephone conduits
Rev. 12/29/86 to show Center Curb Taper

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
	"B"	11	123	



Thomas A. Hubler

PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	1986	12	123

PLAN	SURVISED	M. K. White
	NOTED	R. White
NOTE BOOK	ALIGNED CHECKED	
	RT. OF WAY CHECKED	
No.		

PROFILE	SURVISED	M. K. White
	NOTED	R. White
NOTE BOOK	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
No.		

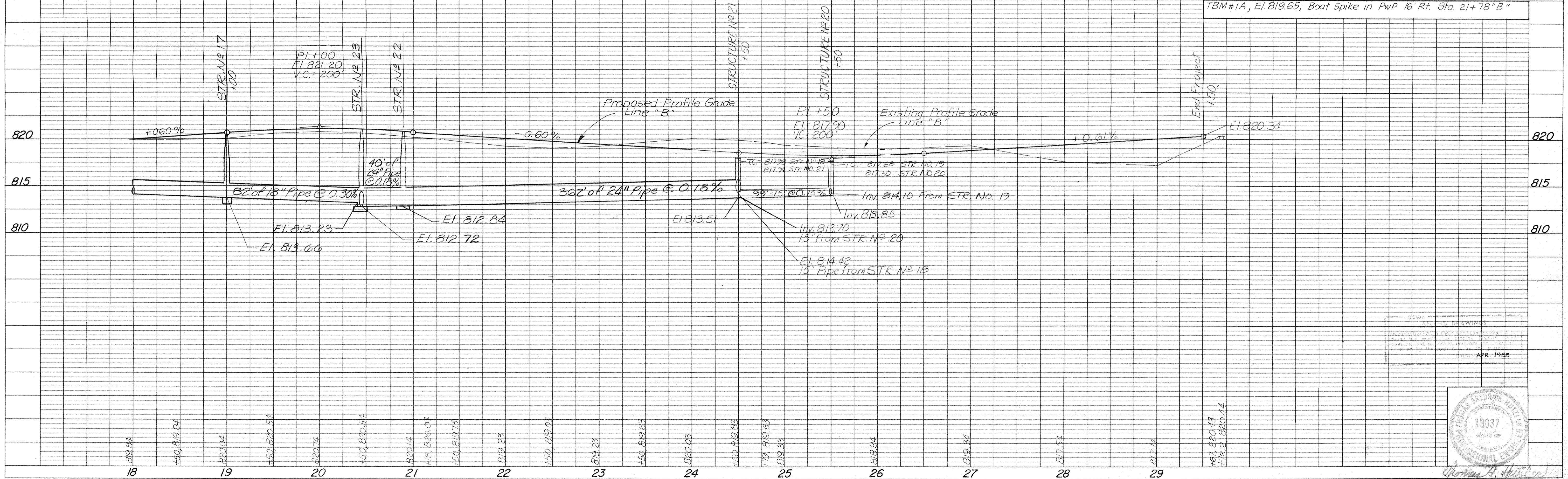
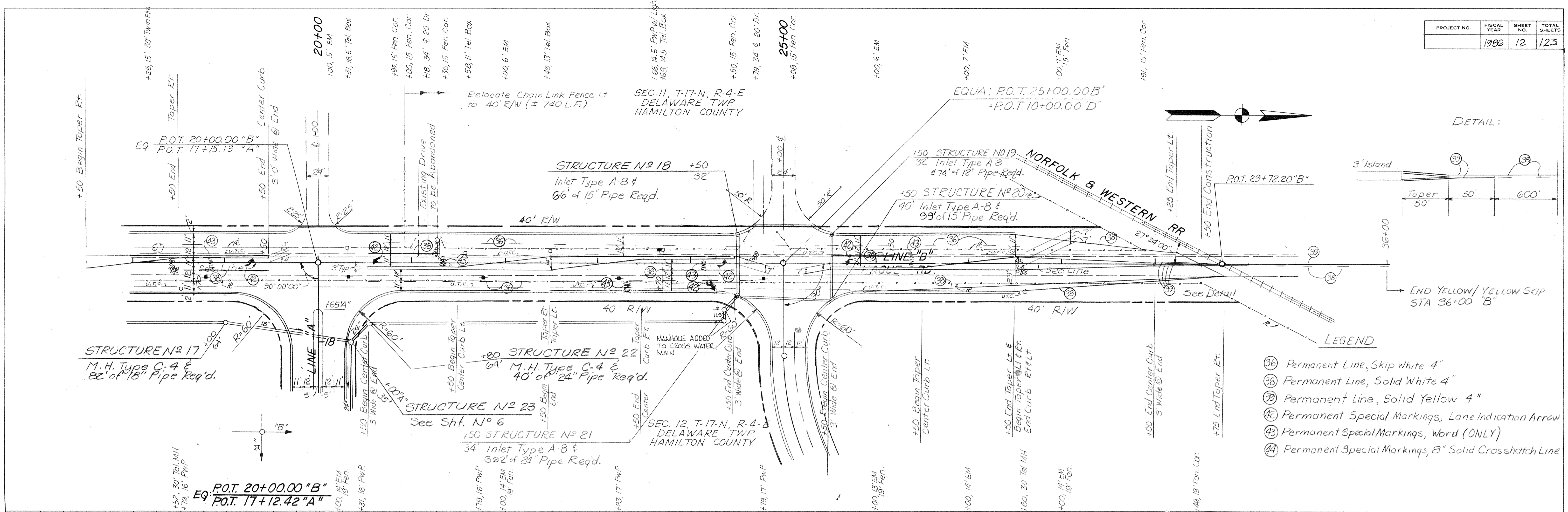
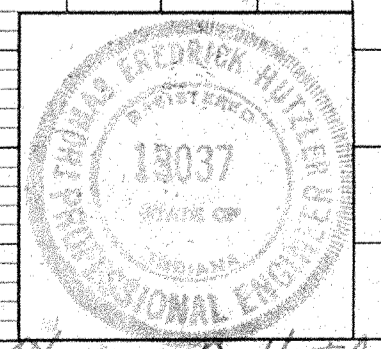


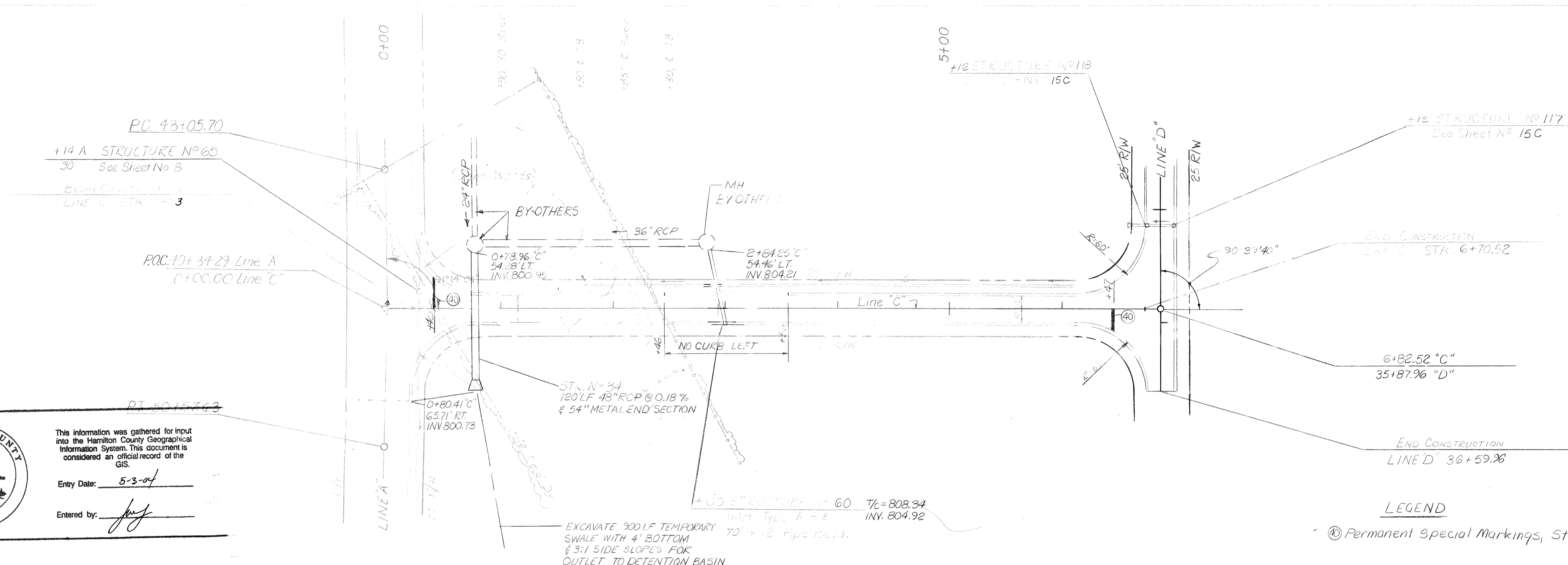
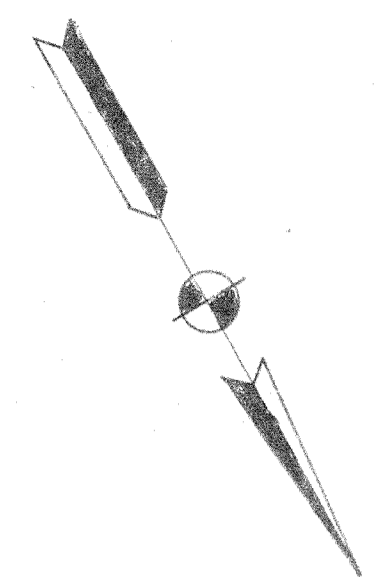
PLATE 1 - PLAN - PROFILE B. R. R. STANDARD
1975

Rev. 10/86 to show telephone conduits & add Line "D" related changes
Rev. 12/86 for Curbs, Widening, & Storm Sewers

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
	"B"	12	123	



Norman B. Hillier



HAMILTON COUNTY INDIANA

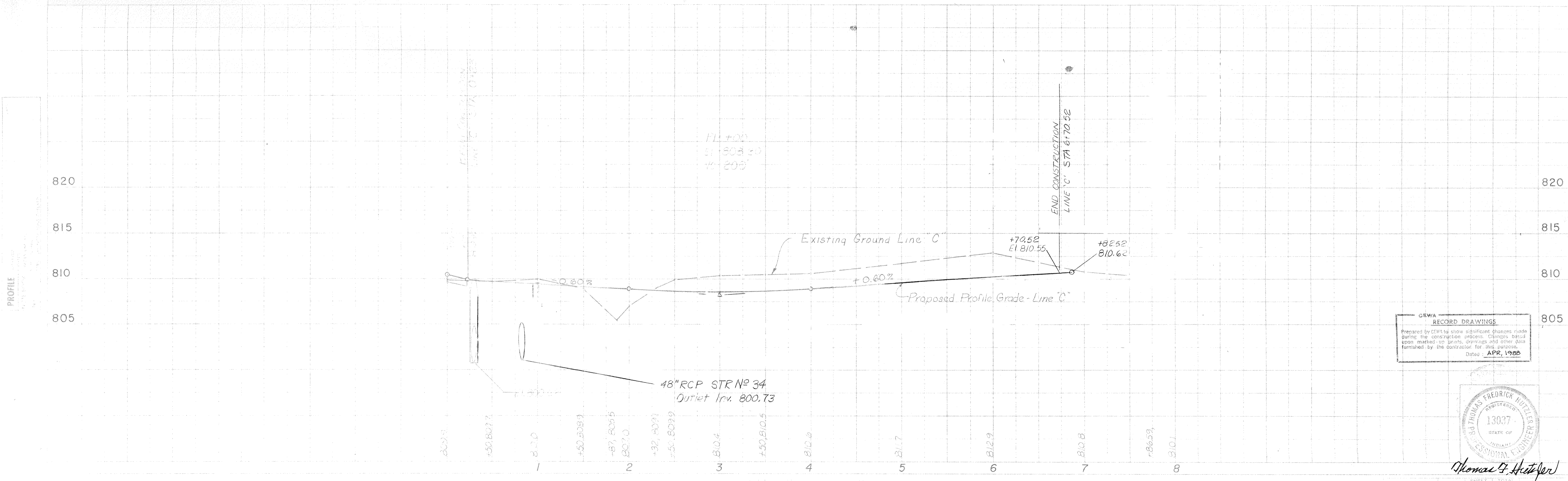
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 5-3-04

Entered by: *[Signature]*

LEGEND

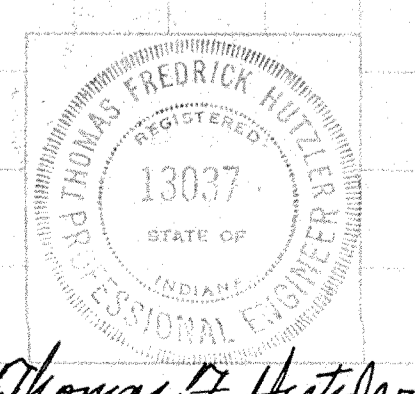
Ⓢ Permanent Special Markings, Stop Line, 24 IN.



RECORD DRAWING

Prepared by CEWA to show significant changes made during the construction process. Changes based upon marked-up plans, drawings and other data furnished by the contractor for this purpose.

Dated: APR, 1988



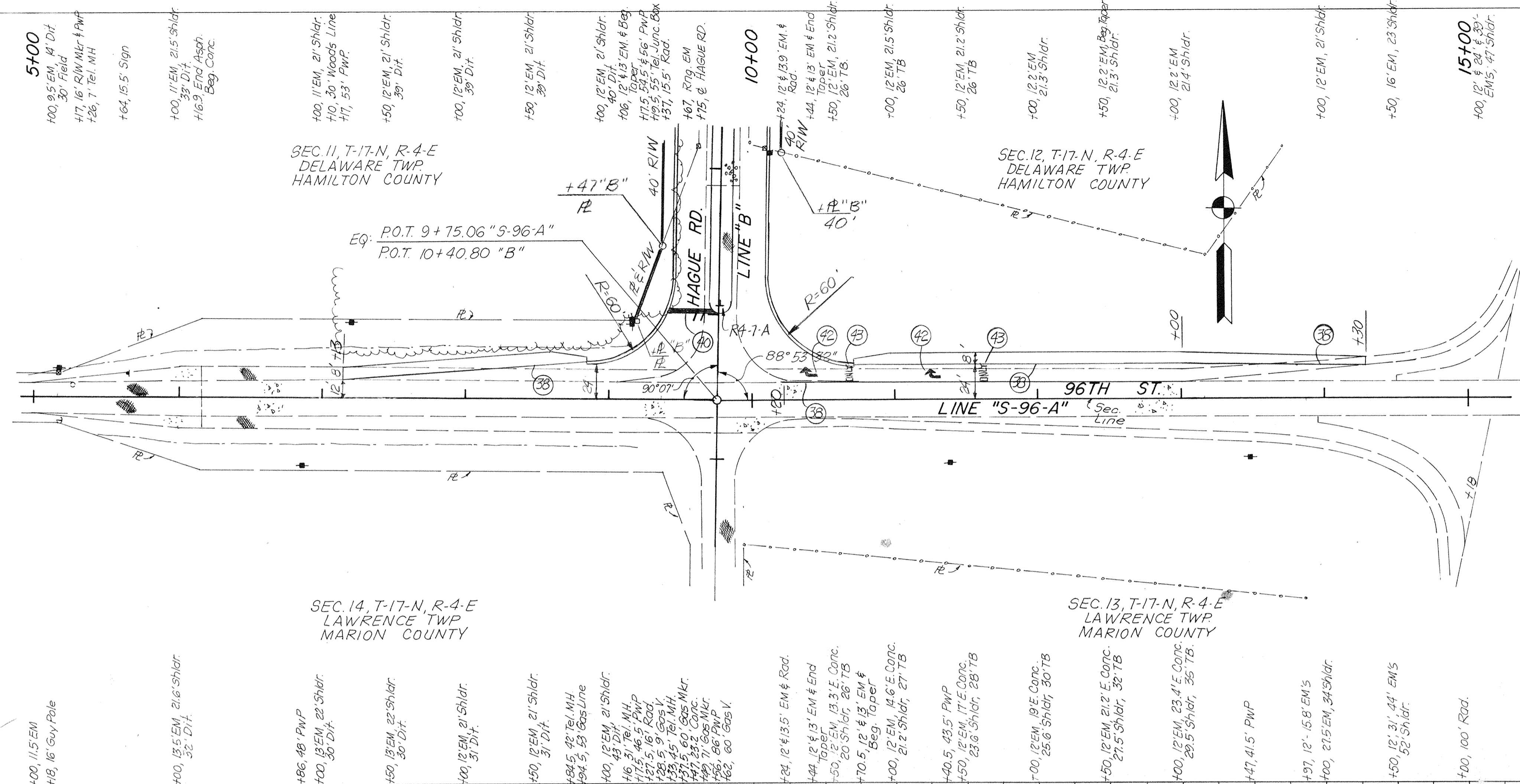
Thomas F. Hutterer

Rev. 10/86 TO show new Ln. "D" Connection
 Rev. 7/87 to Relocate Ln. "D"
 Rev. Drainage Line "C" 10-13-87

PLAN
 SURVEYED BY: M. Kayford, R. White
 DATE: Nov. 85
 NOTE BOOK NO. 11718
 STRUCTURE NOTATIONS CHECKED

PROFILE
 SURVEYED BY: M. Kayford, R. White
 DATE: Nov. 85
 NOTE BOOK NO. 11718
 STRUCTURE NOTATIONS CHECKED

PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	1986	14	123



- (38) Permanent Line, Solid White, 4"
- (40) Permanent Special Markings, Stop Line, 24"
- (42) Permanent Special Markings, Lane Indication Arrow
- (43) Permanent Special Markings, Word Only

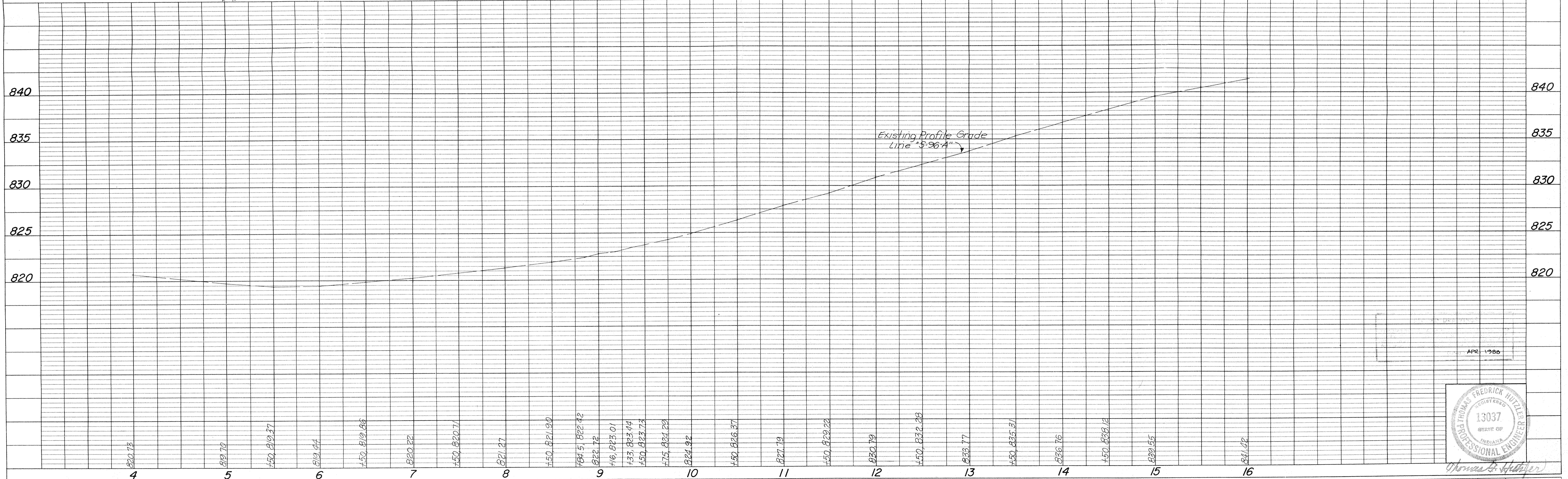
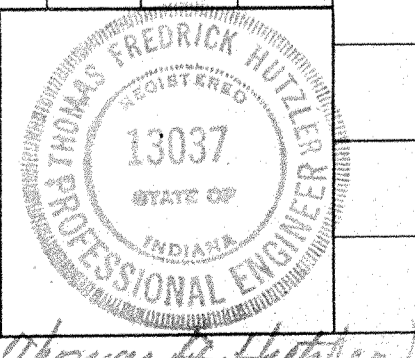


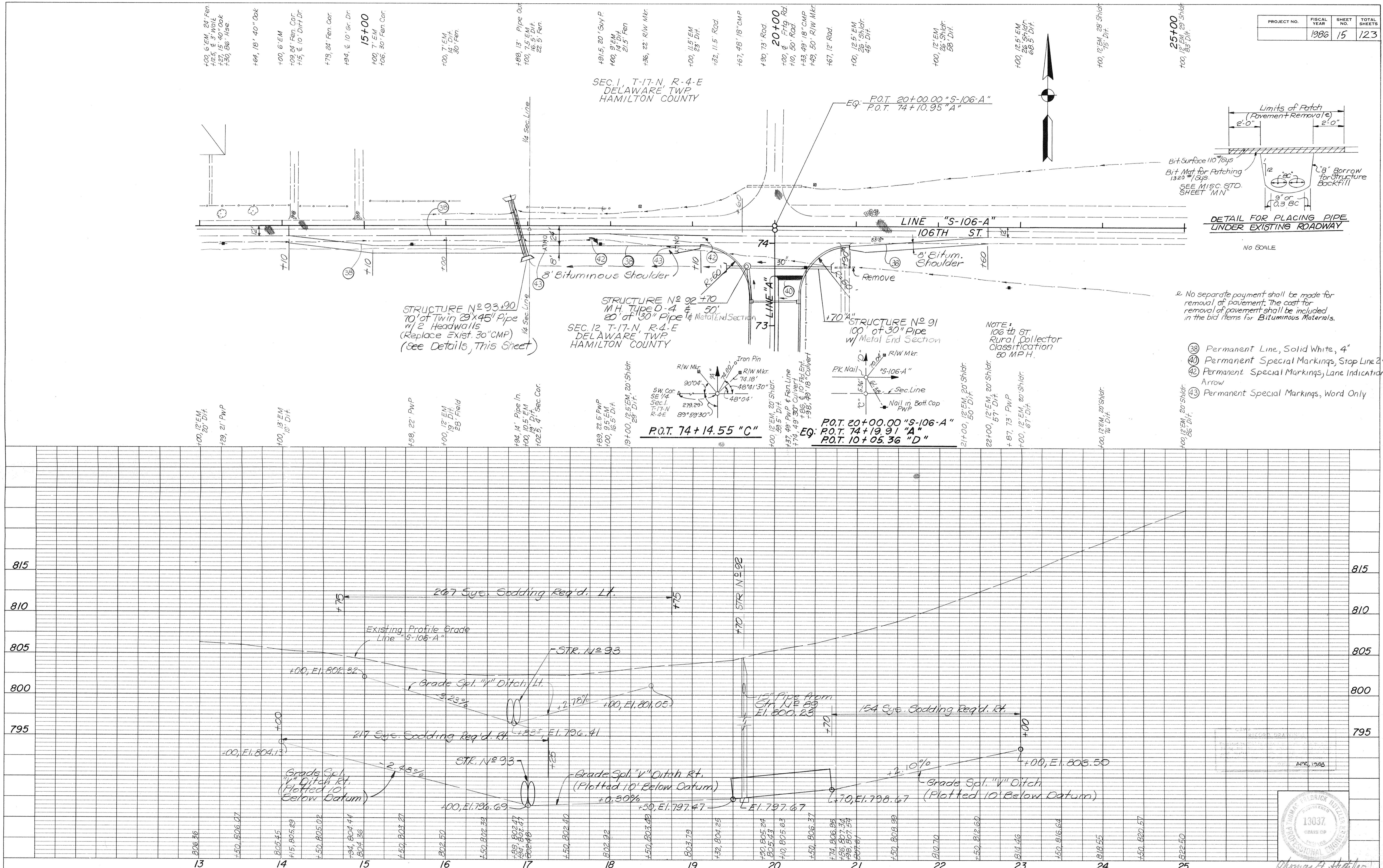
PLATE 1 - PLAN - PROFILE B. R. R. STANDARD 1975



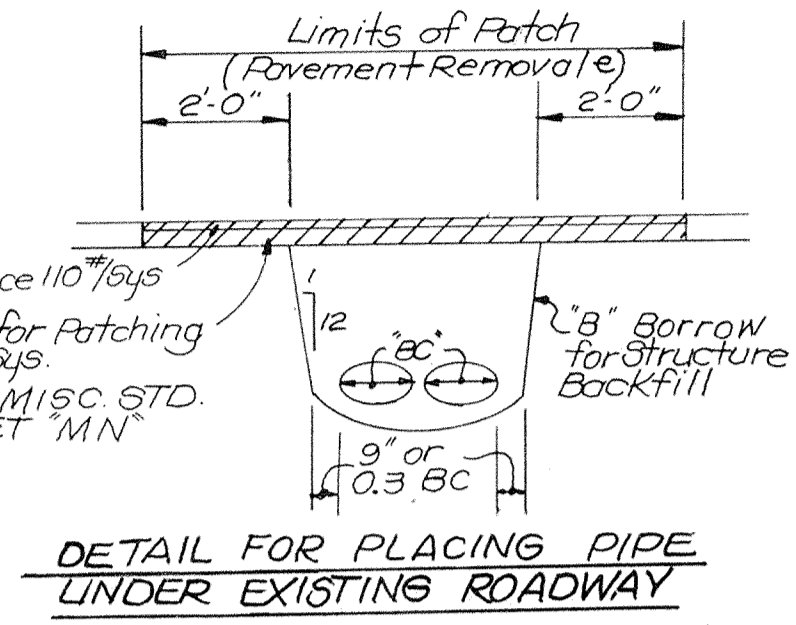
PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS	FILE
	S-96-A	14	123	

PLAN
 SURVEYED BY: M. K. V. / R. W. / J. S.
 PLOTTED BY: M. K. V. / R. W. / J. S.
 NOTE BOOK: ALIGNMENT CHECKED. R. OF WAY CHECKED.
 No.:

PROFILE
 SURVEYED BY: M. K. V. / R. W. / J. S.
 PLOTTED BY: M. K. V. / R. W. / J. S.
 NOTE BOOK: GRADES CHECKED. ELEVATION INDICATIONS CHECKED.
 No.:



PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1986	15	123	123

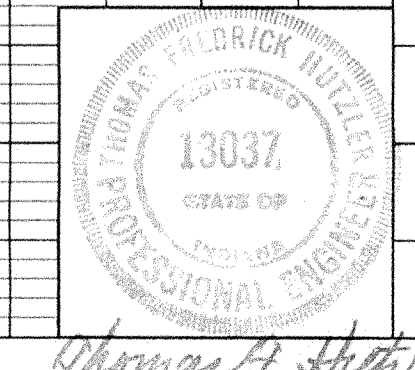


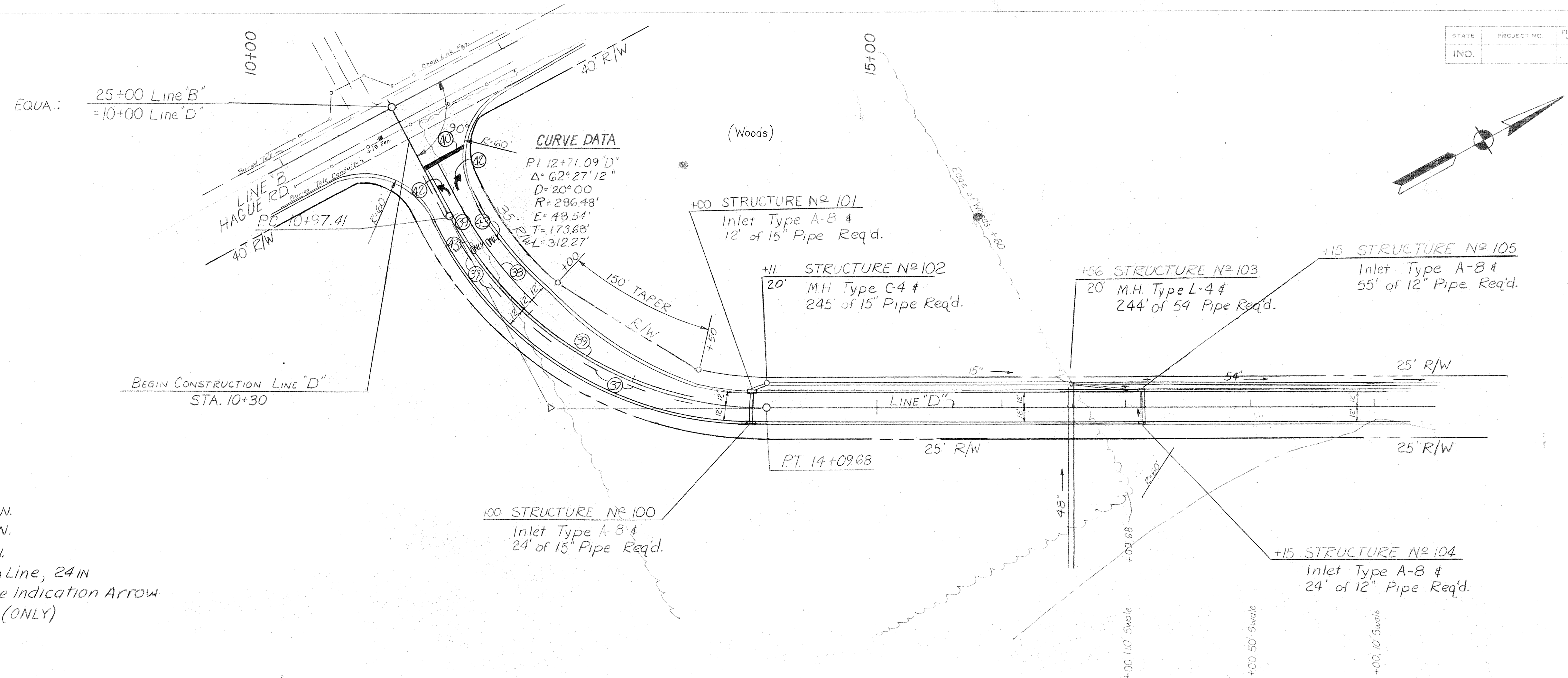
No separate payment shall be made for removal of pavement. The cost for removal of pavement shall be included in the bid items for Bituminous Materials.

- (38) Permanent Line, Solid White, 4"
- (40) Permanent Special Markings, Stop Line 24"
- (42) Permanent Special Markings, Lane Indication Arrow
- (43) Permanent Special Markings, Word Only

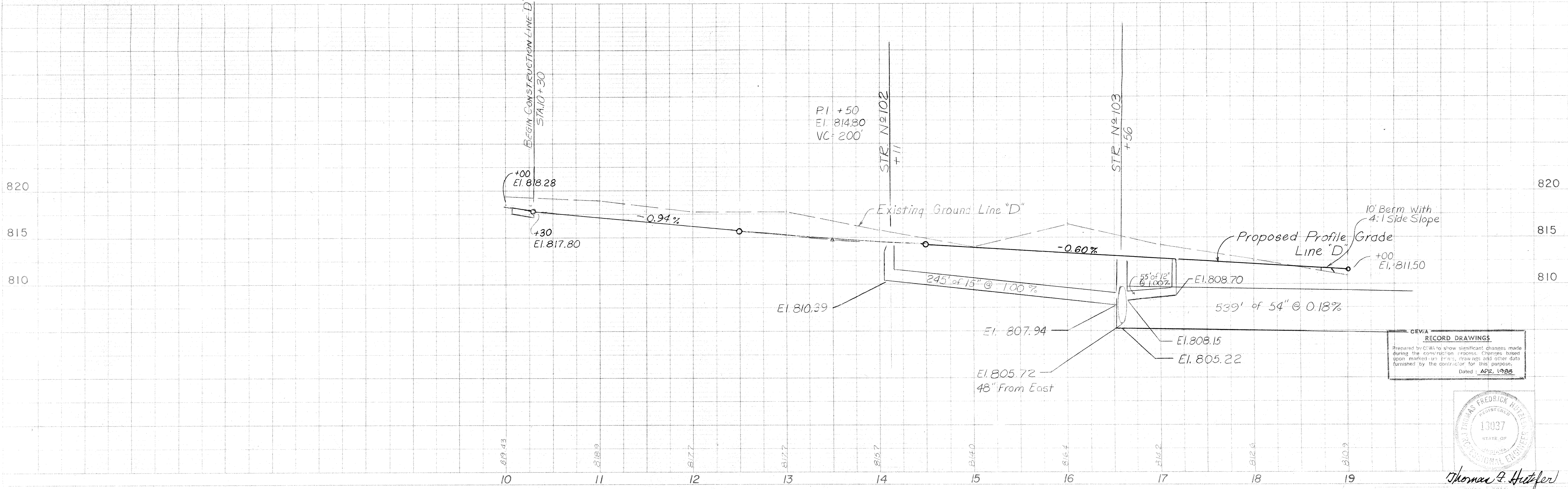
PLATE 1 - PLAN - PROFILE S. R. R. STANDARD
 1975

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
1986	S-106-A	15	123	

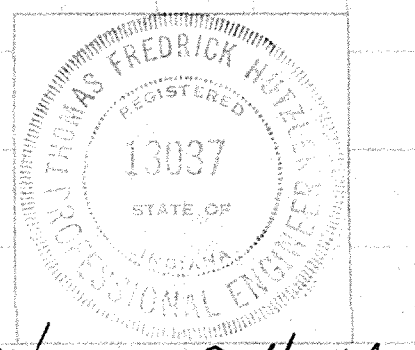




- LEGEND**
- ③ Permanent Line, Skip Yellow, 4 IN.
 - ⊗ Permanent Line, Solid White, 4 IN.
 - ⊙ Permanent Line, Solid Yellow, 4 IN.
 - ⊕ Permanent Special Markings, Stop Line, 24 IN.
 - ⊖ Permanent Special Markings, Lane Indication Arrow
 - Ⓢ Permanent Special Markings, Word (ONLY)

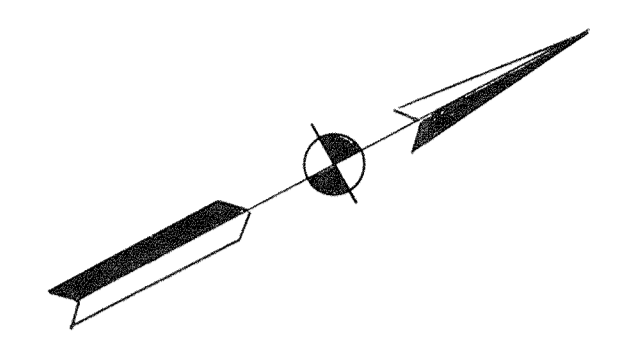


CEVA RECORD DRAWINGS
 Prepared by CEVA to show significant changes made during the construction process. Changes based upon marked-up prints, drawings and other data furnished by the contractor for this purpose.
 Dated: APR. 1988



Thomas F. Justel

STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
IND.			15B	



PLAN SURVEYED, PLOTTED, NOTE BOOK, ALIGNMENT CHECKED, NO. OF POINTS CHECKED, DATE, BY, No.

PROFILE SURVEYED, PLOTTED, GRADES CHECKED, STRUCTURE NOTATIONS CHECKED, DATE, BY, No.

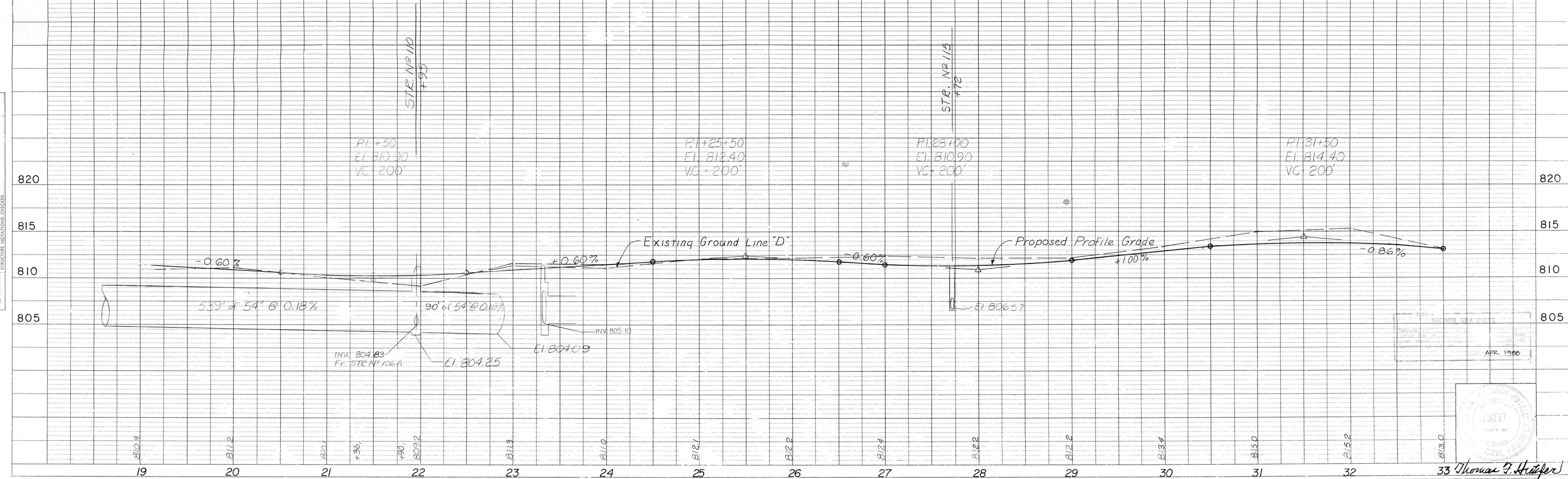
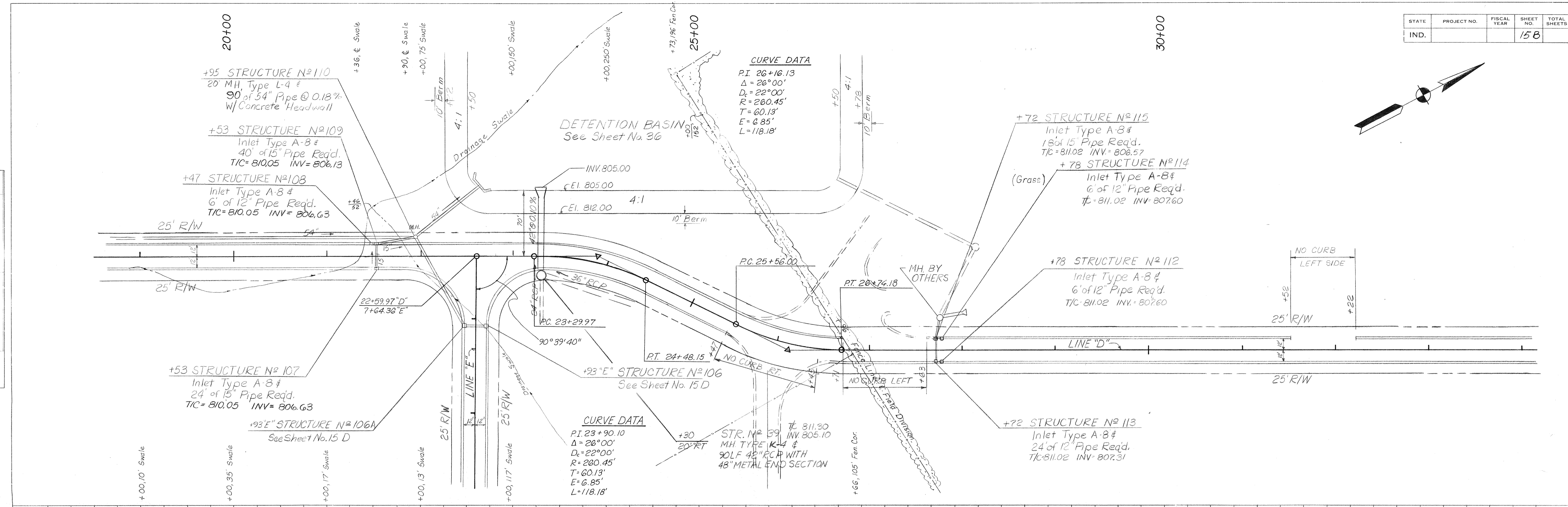
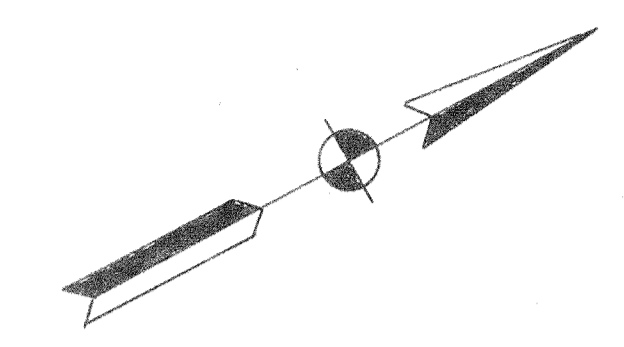


PLATE I - PLAN - PROFILE B & R STANDARD 1975

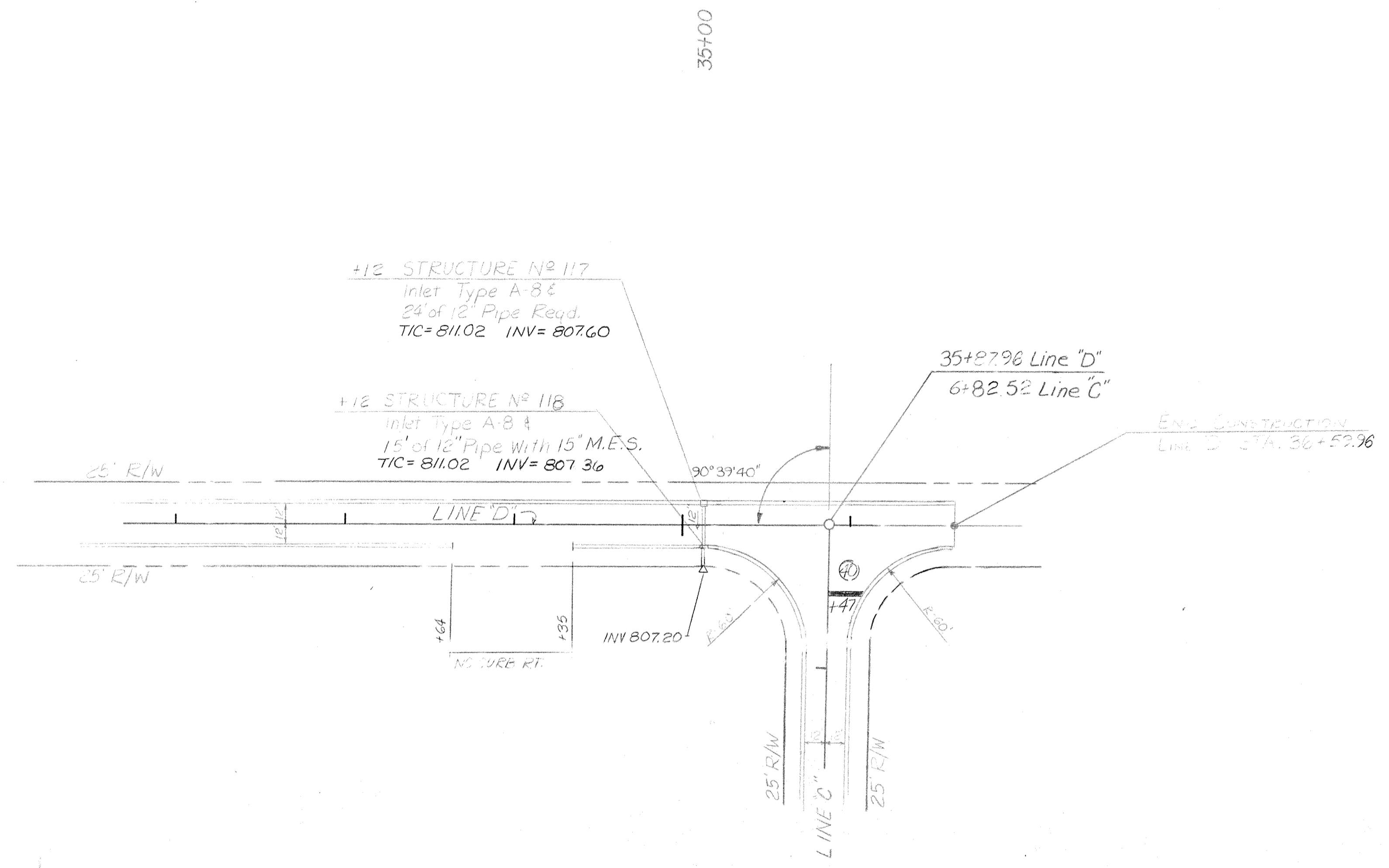
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS
		15B	

Rev. 7/87 Realignment Line D & ADD L.I.E.
Rev. Drainage Structures 10-13-87

STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
IND.			15C	

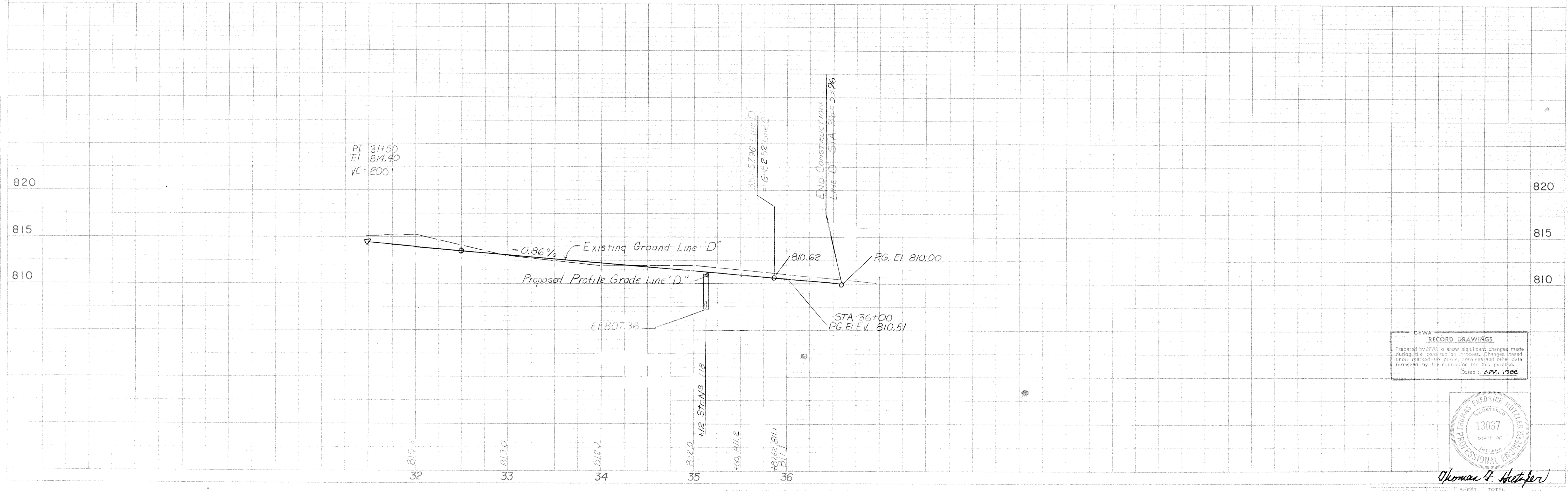


PLAN
 SUPERVISOR
 NOTE BOOK
 APPROVED
 DATE



LEGEND
 (A) Permanent Special Markings, Stop Line, 24 IN.

PROFILE
 SUPERVISOR
 NOTE BOOK
 APPROVED
 DATE



RECORD DRAWINGS
 Prepared by CFW to show significant changes made during the construction process. Changes based upon marked-up drawings, notes and other data furnished by the contractor for this purpose.
 Dated: APR, 1988

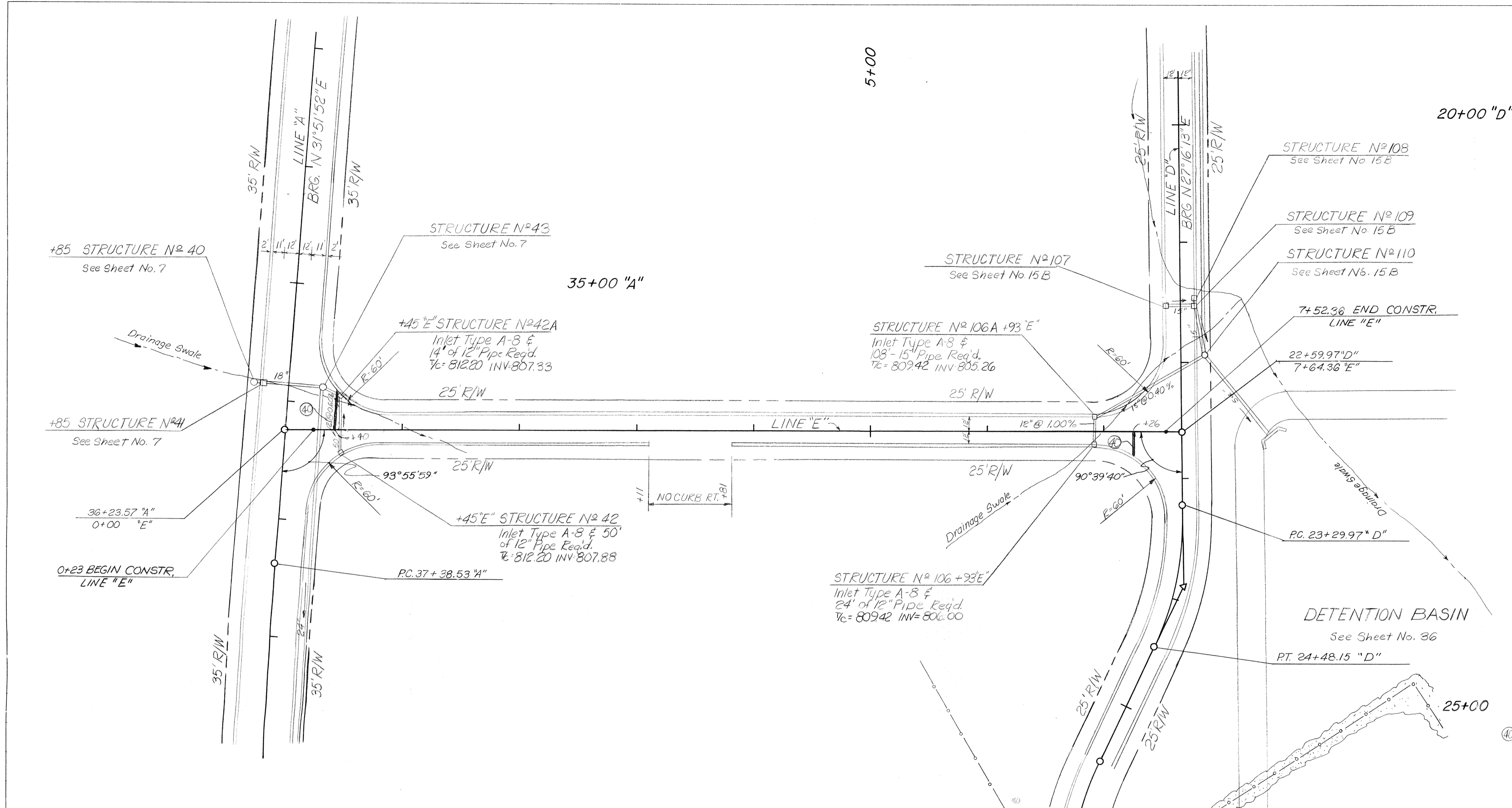


PROJECT NO. "D" 15C
 SHEET NO. 15C
 TOTAL SHEETS
 DATE: APR, 1988
 Rev. 7/87 Realignment Line "D"
 Rev. Drange Structures 10-13-87

STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
IND.			150	

DATE	BY	REVISION

DATE	BY	REVISION



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: 5-3-04

Entered by: *Jug*

LEGEND
 (A) Permanent Special Markings, Stop Line, 24 IN.

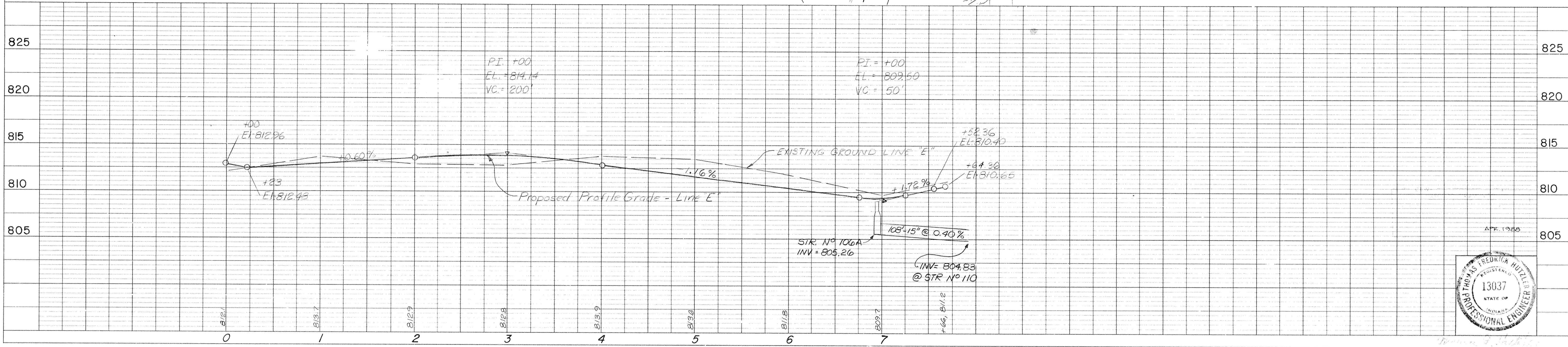
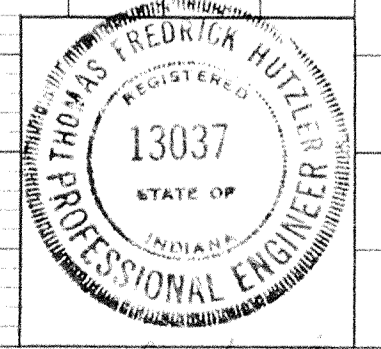


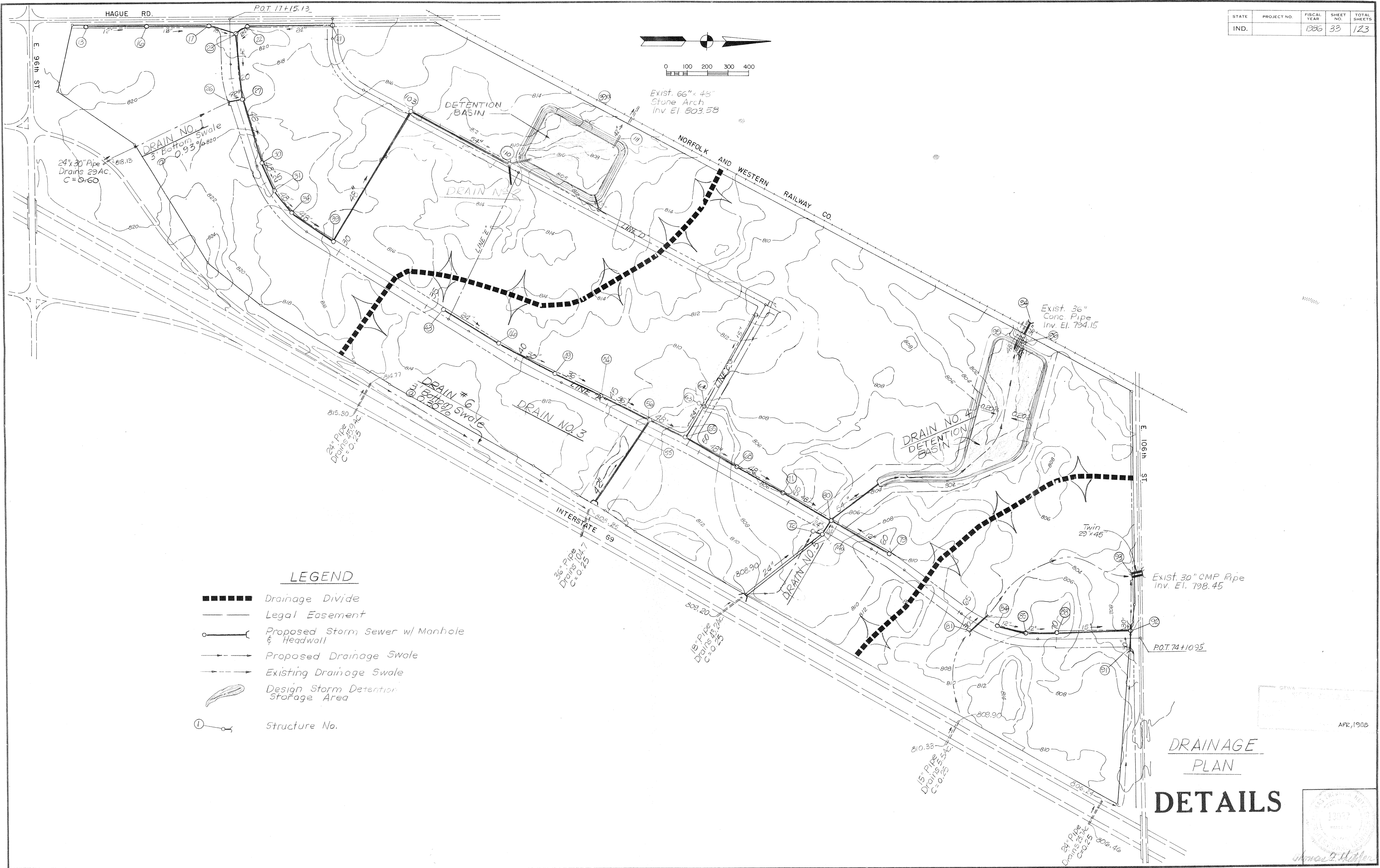
PLATE 3 - PLAN - PROFILE B. R. R. STANDARD
1975



PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
	"E"	15 D		

Rev Curb Cuts Line "E" 10.13.87

STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
IND.		1986	33	123



LEGEND

- Drainage Divide
- Legal Easement
- Proposed Storm Sewer w/ Manhole & Headwall
- Proposed Drainage Swale
- Existing Drainage Swale
- Design Storm Detention Storage Area
- ① Structure No.

**DRAINAGE PLAN
DETAILS**

APR 1988

DRWA

1307

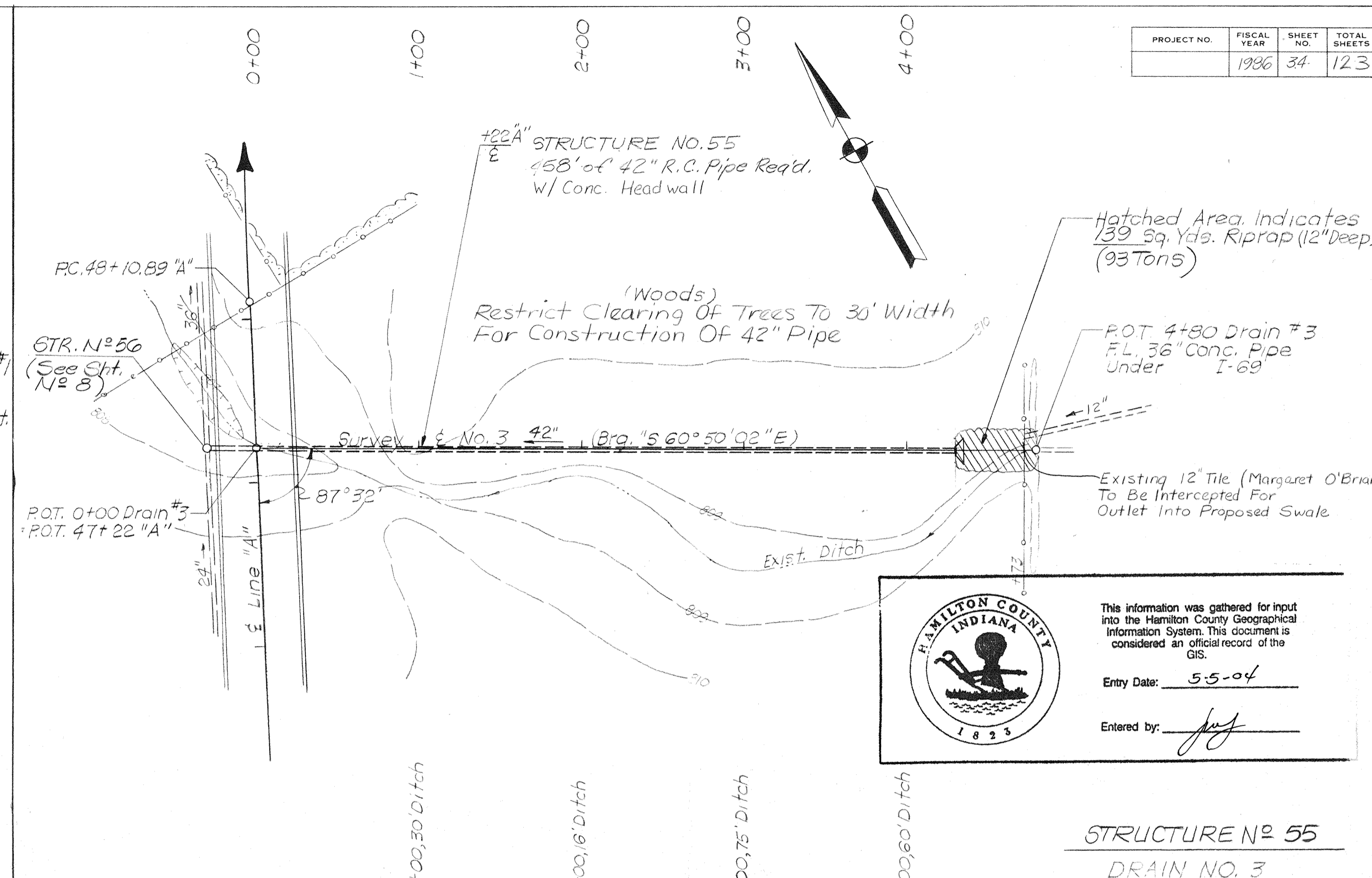
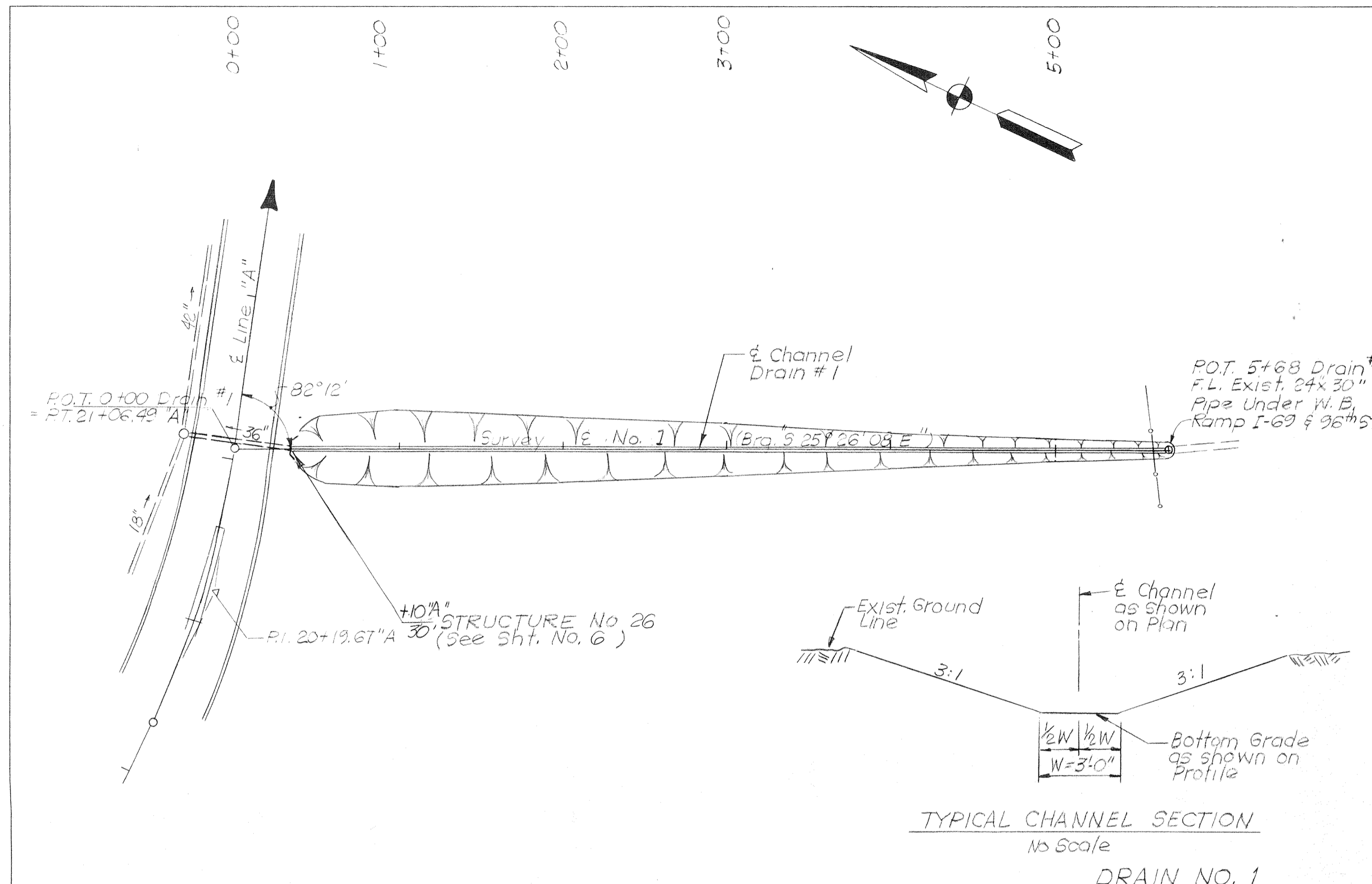
APR 1988

DRWA

SHT 33 OF 123
Rev 10-30-86 Detention Pond

PLAN
 SURVEYED, PLOTTED, & CHECKED
 M. Kayson
 11/20/03

PROFILE
 SURVEYED, PLOTTED, & CHECKED
 M. Kayson
 11/20/03



PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	1996	34	123

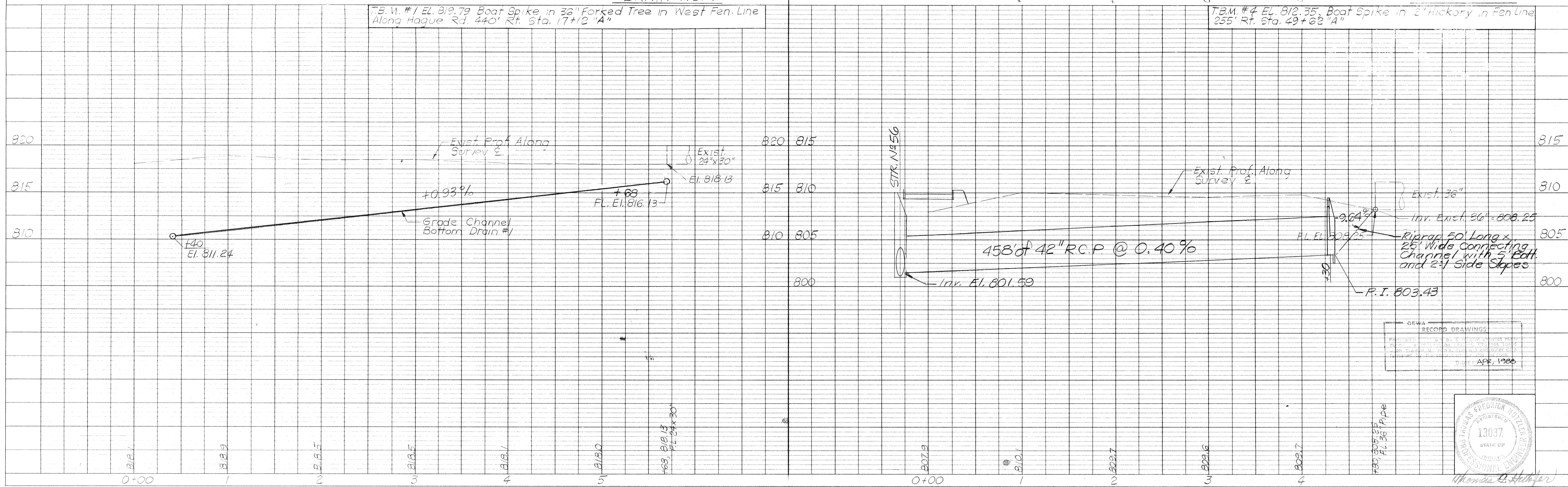
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 5-5-04

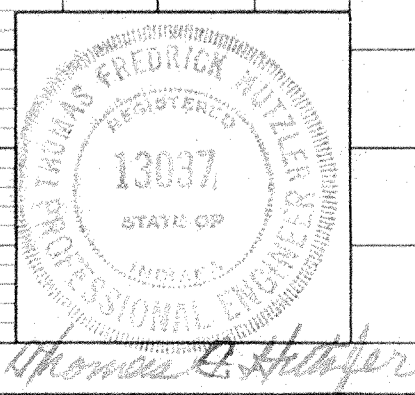
Entered by: *[Signature]*

T.B.M. #1 EL. 819.79 Boat Spike in 36" Forked Tree in West Fen. Line Along Hague Rd. 440' Rt. Sta. 17+1/2 "A"

T.B.M. #4 EL. 812.35 Boat Spike in 2" Hickory in Fen Line 255' Rt. Sta. 49+82 "A"

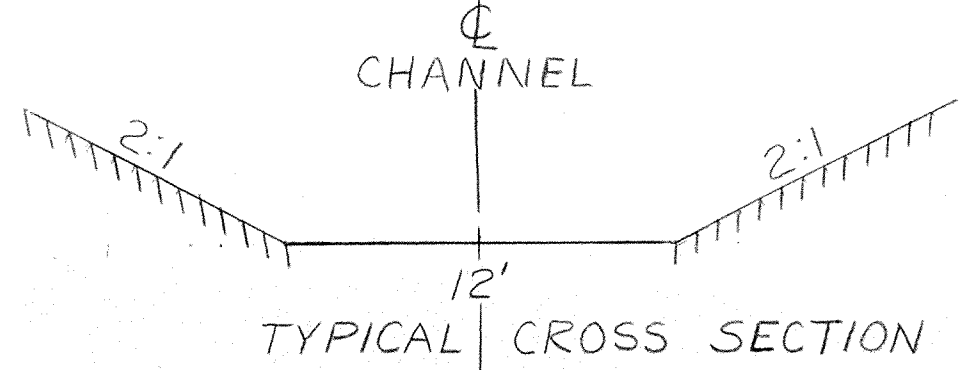
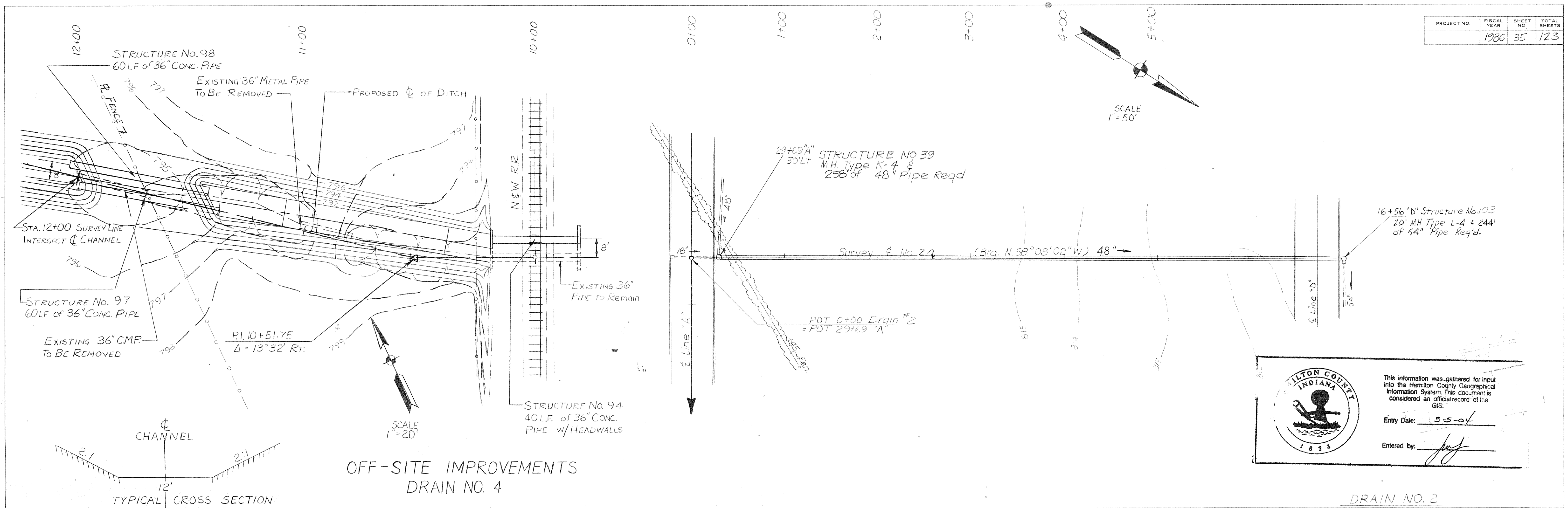


GEWA RECORD DRAWINGS
 PROJECT NO. 13037
 DATE APR. 1988



PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
		34	123	

PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	1936	35	123



OFF-SITE IMPROVEMENTS
DRAIN NO. 4

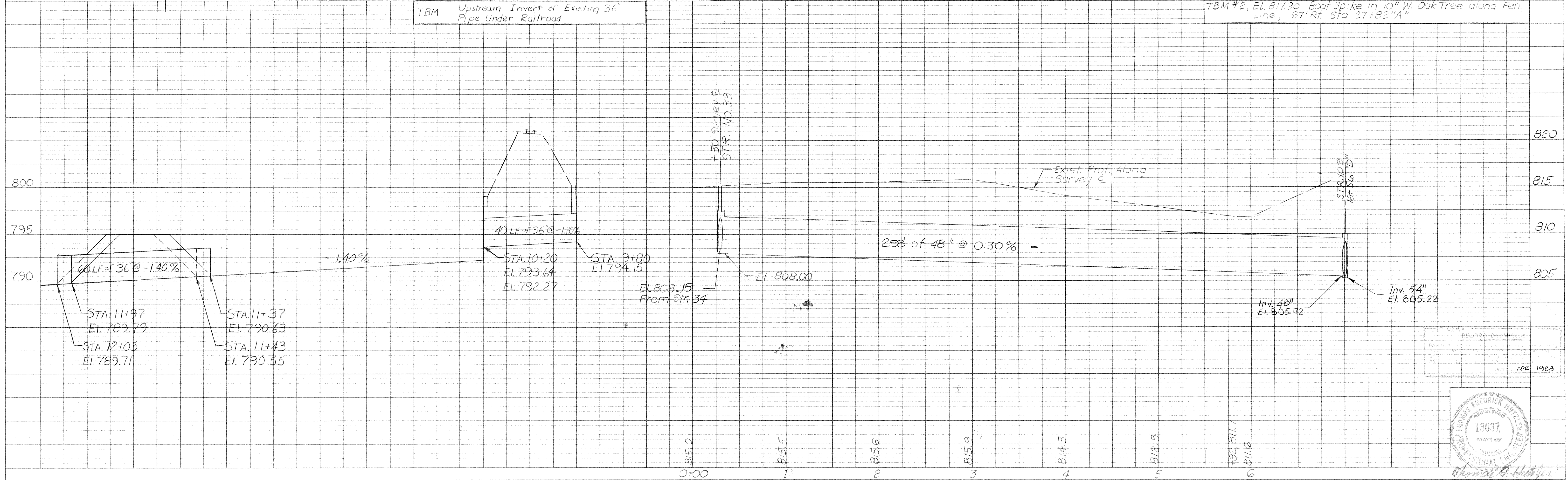
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 5-5-04

Entered by: [Signature]

PLAN
CHECKED BY: M. K. A. [Signature]
DATE: 10/2/03
NOTE BOOK NO. [Blank]
ALIGNMENT CHECKED BY: [Blank]
BY: [Blank]

PROFILE
CHECKED BY: M. K. A. [Signature]
DATE: 10/2/03
NOTE BOOK NO. [Blank]
GRADE CHECKED BY: [Blank]
BY: [Blank]

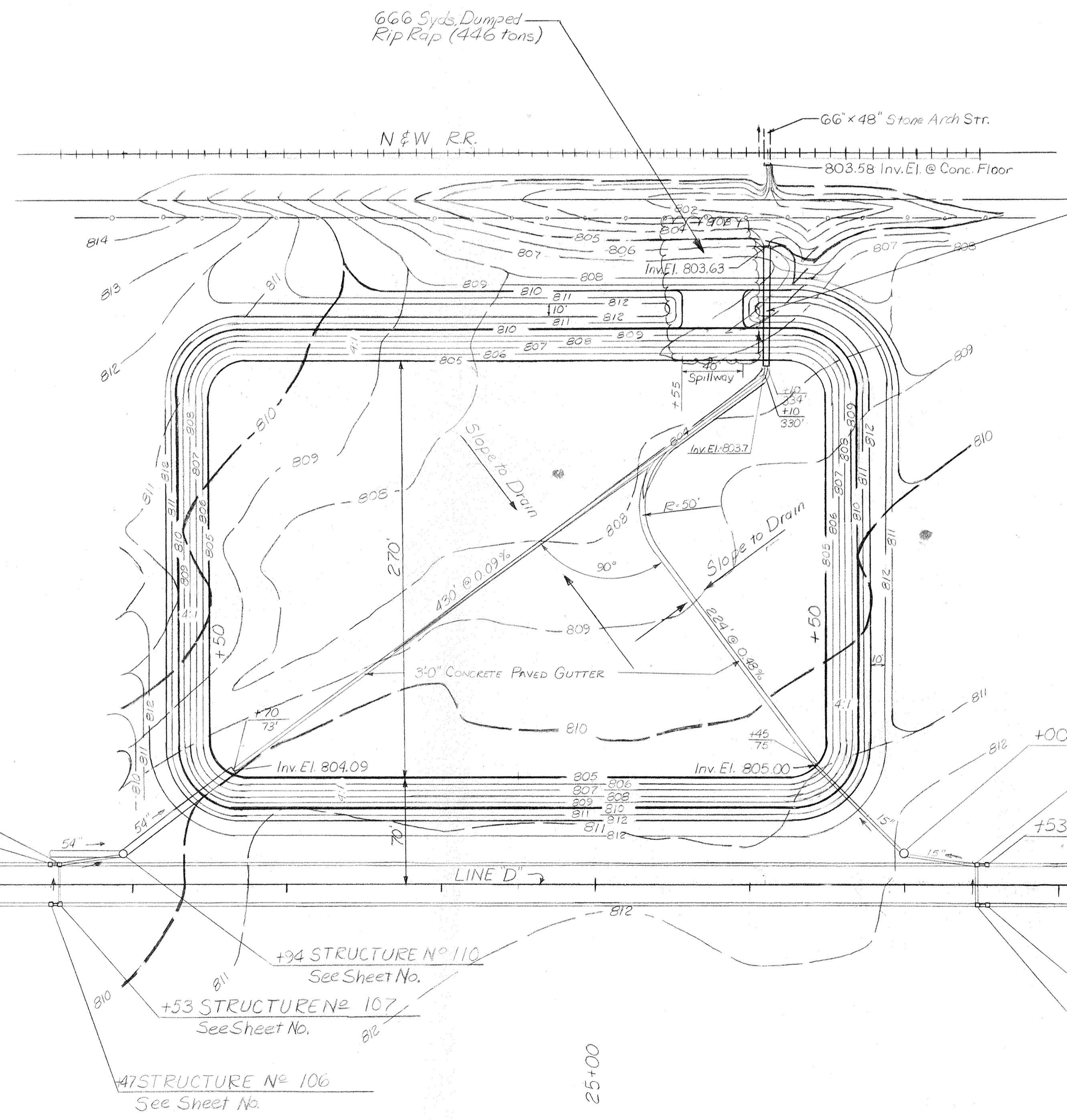
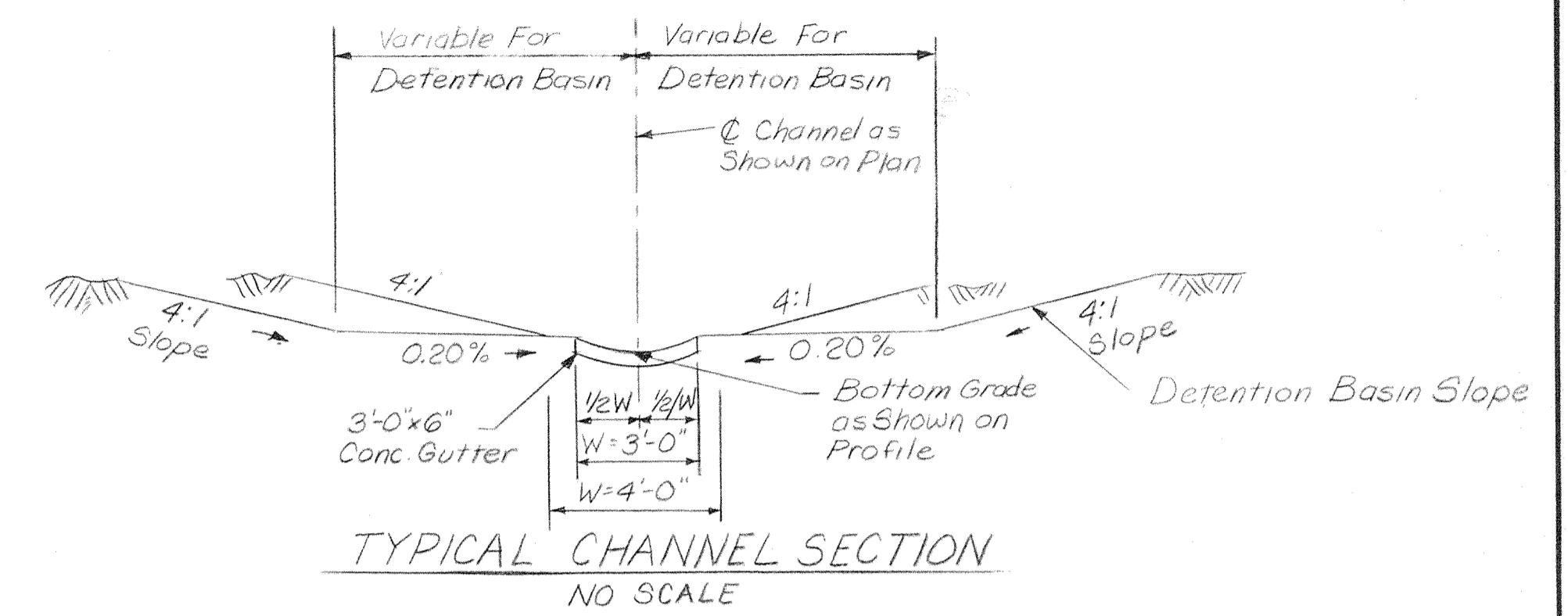
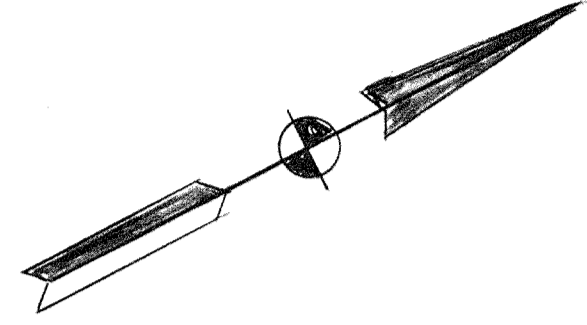


THOMAS FREDRICK HUNTER
REGISTERED PROFESSIONAL ENGINEER
NO. 13037
STATE OF INDIANA

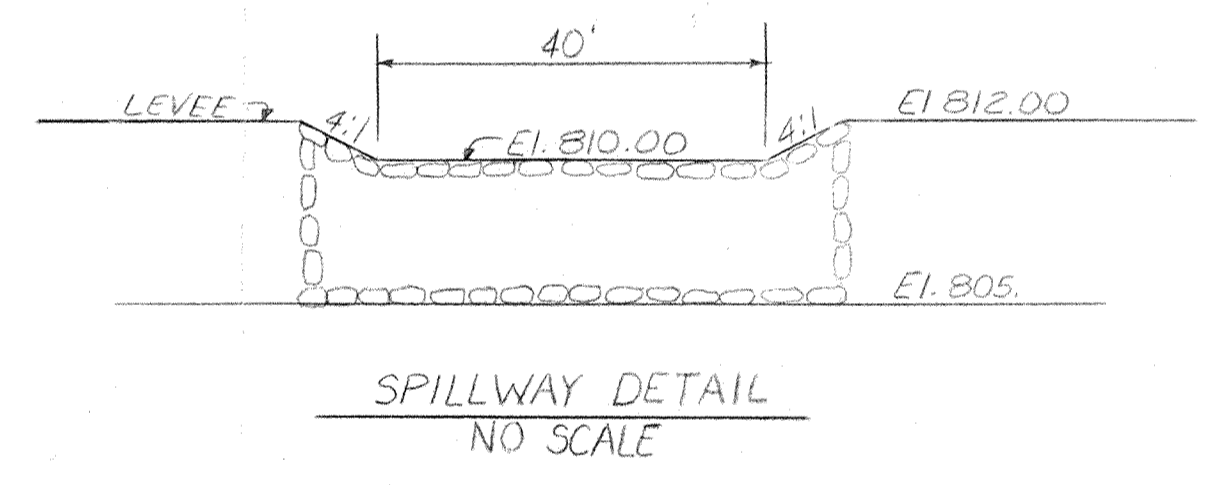
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
		35	123	

Chg. Lgth. of 48" Pipe to 706' from 532'
JEE 10/30/06

STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
IND.			36	123



+10 STRUCTURE N^o 111
78" of 42" Pipe Req'd @ 0.09%
W/2 Anchors



CONTOUR INTERVAL = 1 FOOT

+53 STRUCTURE N^o 103
See Sheet No.

+47 STRUCTURE N^o 108
See Sheet No.

+00 STRUCTURE N^o 116
See Sheet No.
+47 STRUCTURE N^o 115
See Sheet No.
+53 STRUCTURE N^o 114
See Sheet No.

+94 STRUCTURE N^o 110
See Sheet No.

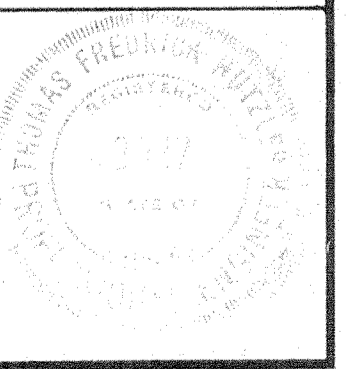
+53 STRUCTURE N^o 107
See Sheet No.

+47 STRUCTURE N^o 106
See Sheet No.

+53 STRUCTURE N^o 112
See Sheet No.
+47 STRUCTURE N^o 113
See Sheet No.

CEWA RECORD DRAWINGS
Prepared by firms to show significant changes made during the construction process. Changes based upon marked-up prints, drawings and other data furnished by the contractor for this purpose.
Dated: APR, 1988

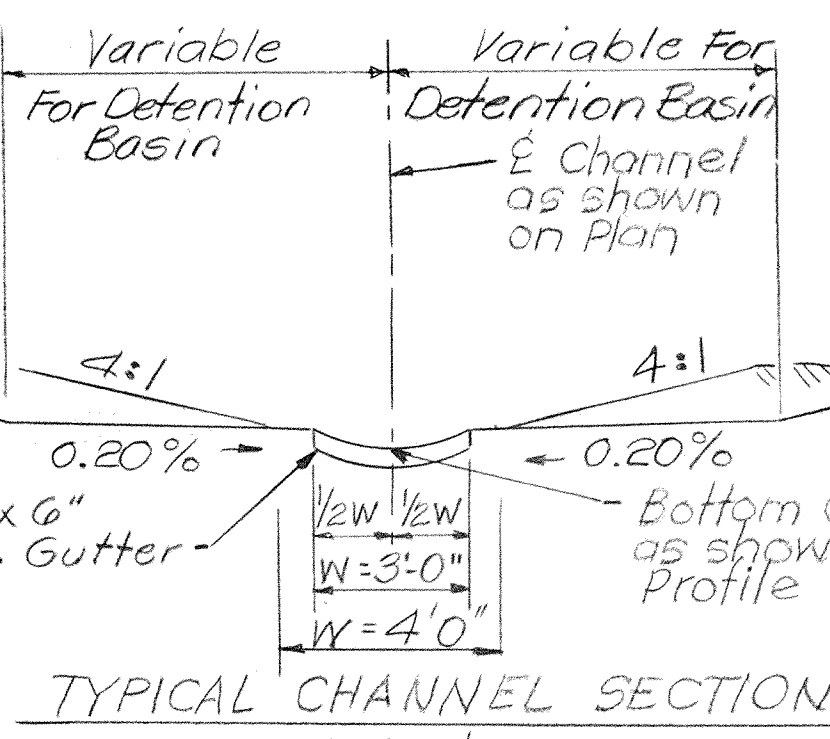
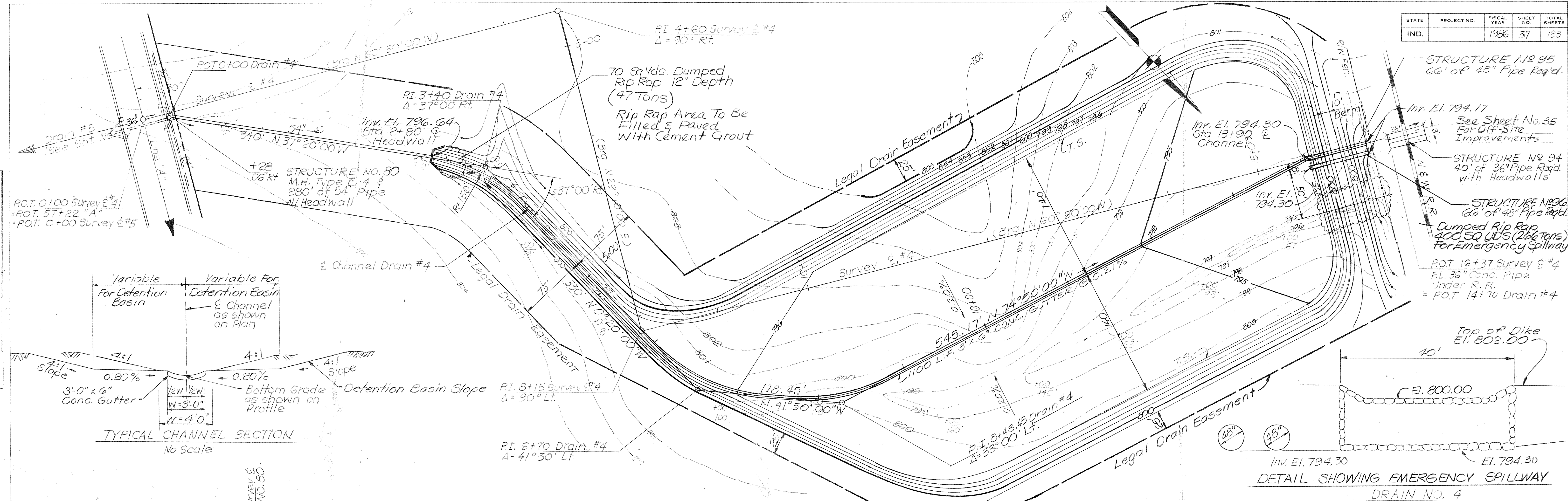
DETENTION BASIN
SCALE: 1" = 50'



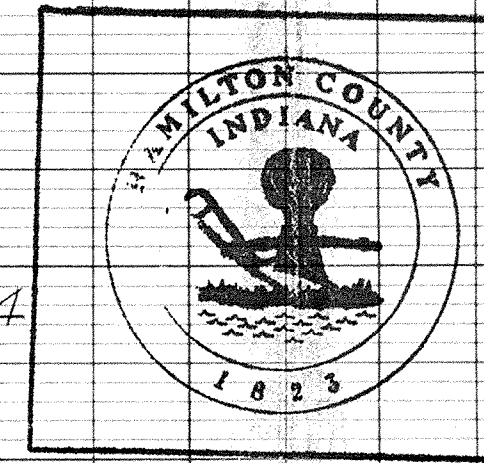
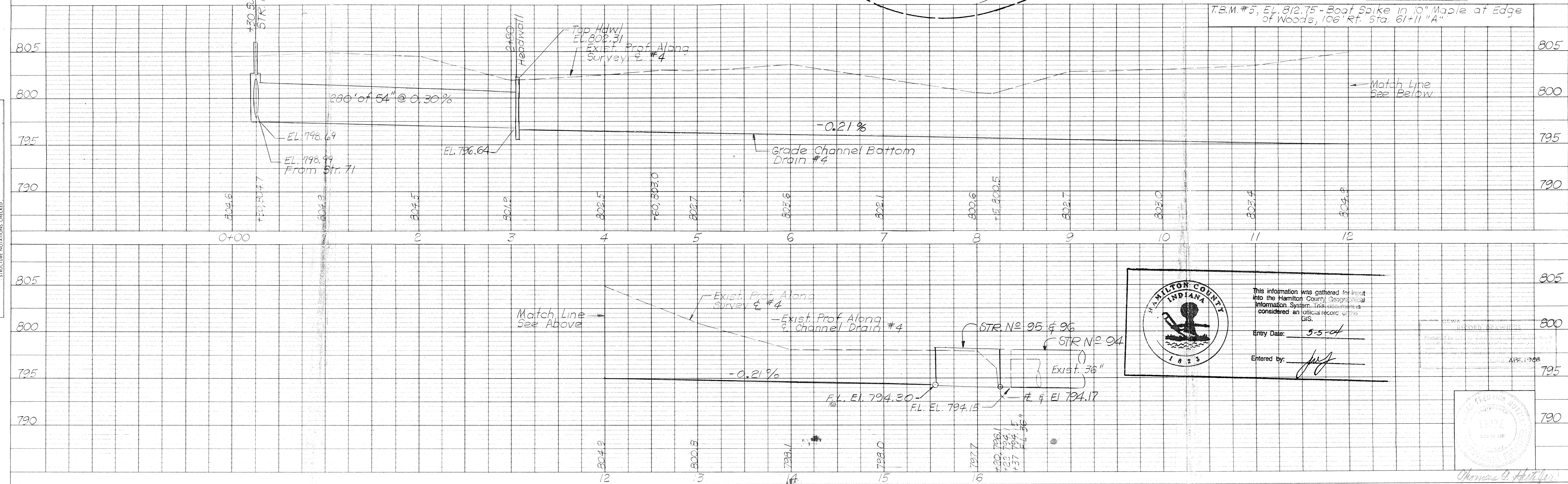
Thomas D. Hutzler

SHT. 36

STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
IND.		1986	37	123



DETAIL SHOWING EMERGENCY SPILLWAY DRAIN NO. 4



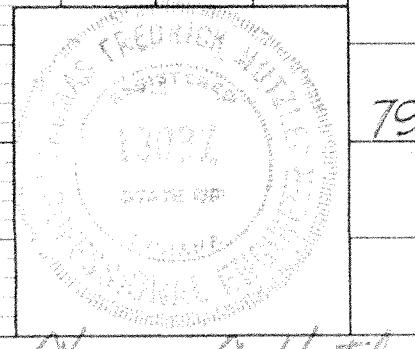
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 5-5-04

Entered by: [Signature]

RECORD DRAWINGS

APR. 1988



PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
		37	123	

PLAN SURVEYED, PLOTTED, CHECKED, AND PRINTED BY: [Blank]

PROFILE SURVEYED, PLOTTED, CHECKED, AND PRINTED BY: [Blank]

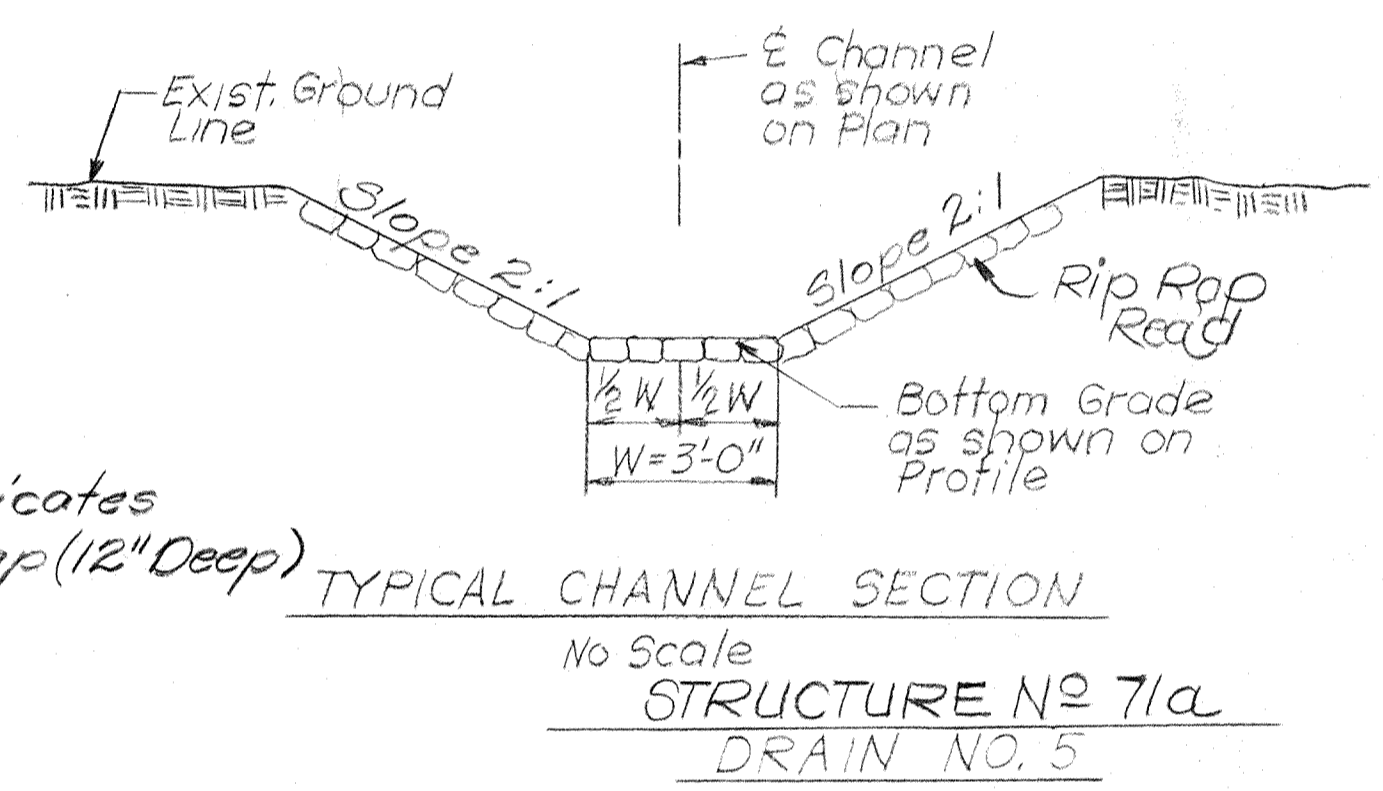
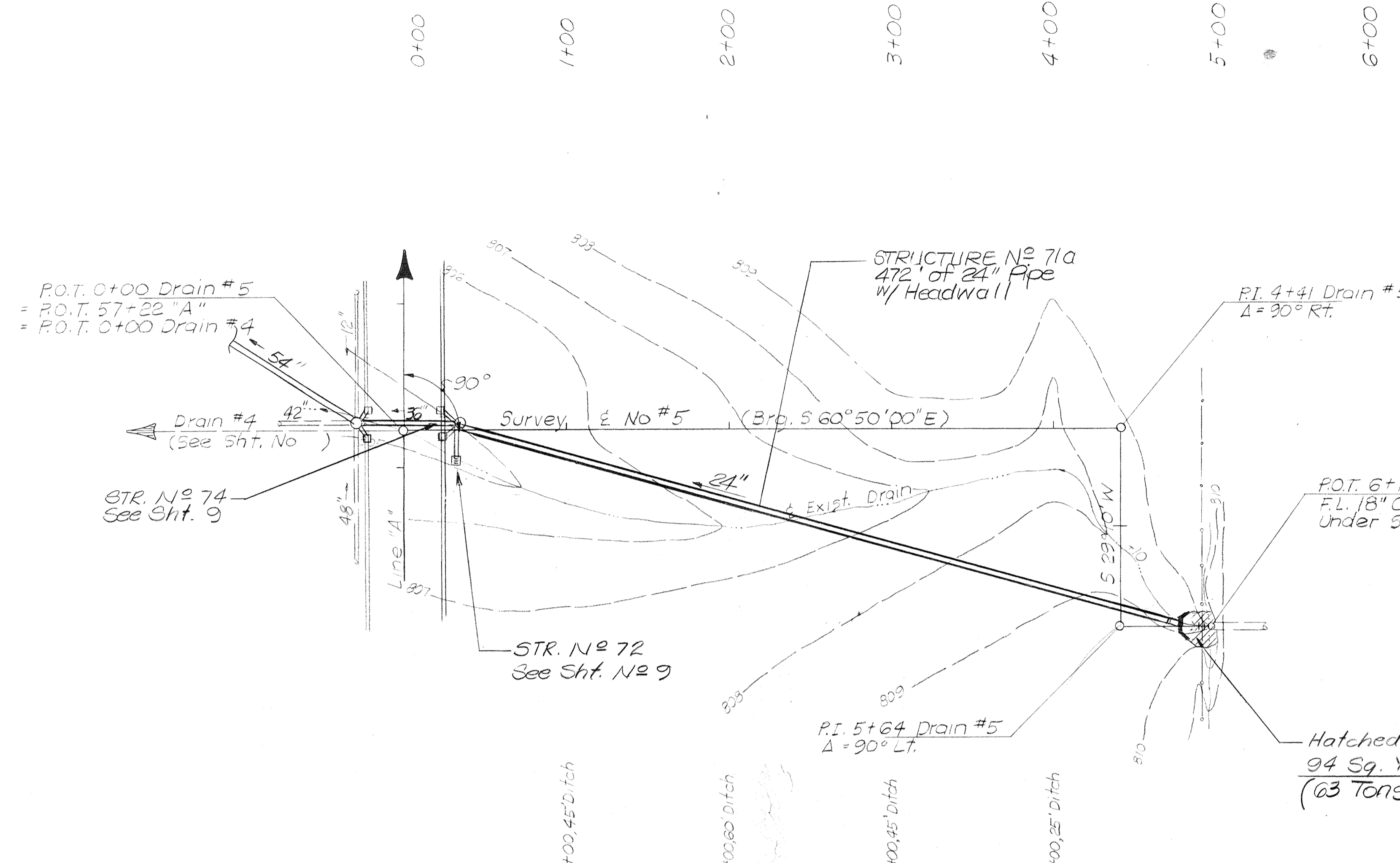
PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	1996	38	123

MILTON 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: 5.5.04

Entered by: *[Signature]*



T.B.M. #5, EL. 812.75 - Boat Spike in 10" Maple at Edge of Woods, 106' Rt. Sta. 61+11 "A"

PLAN

BY: *M. Kayton*

DATE: *May 03*

NOTED BY: *[Signature]*

NO.:

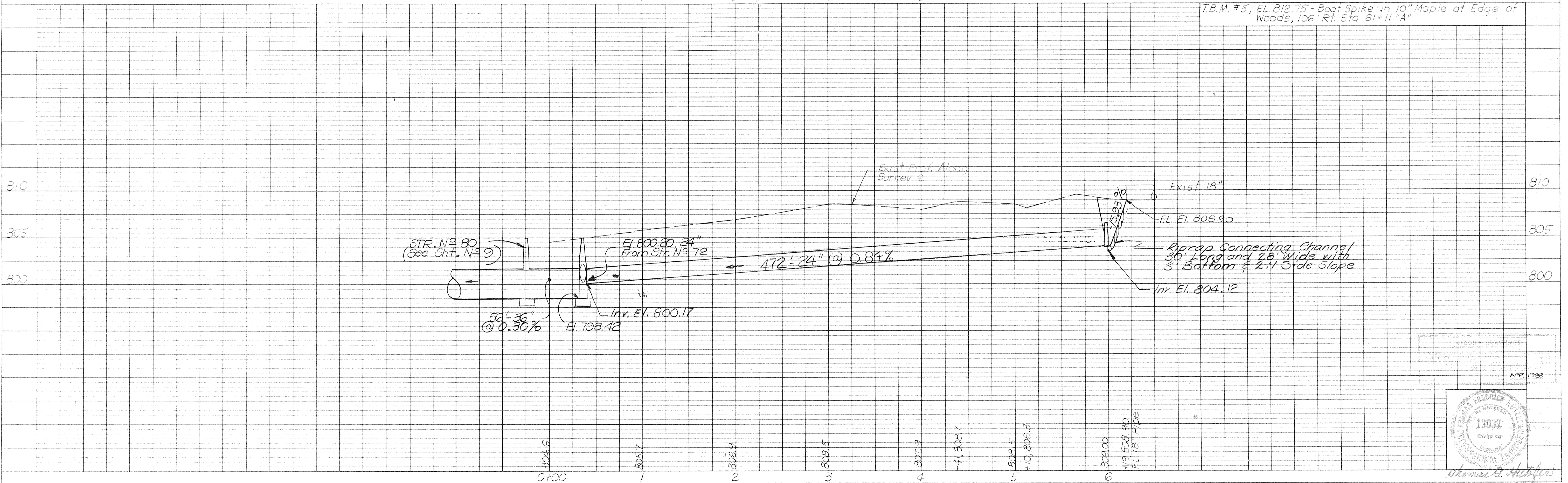
PROFILE

BY: *M. Kayton*

DATE: *May 03*

NOTED BY: *[Signature]*

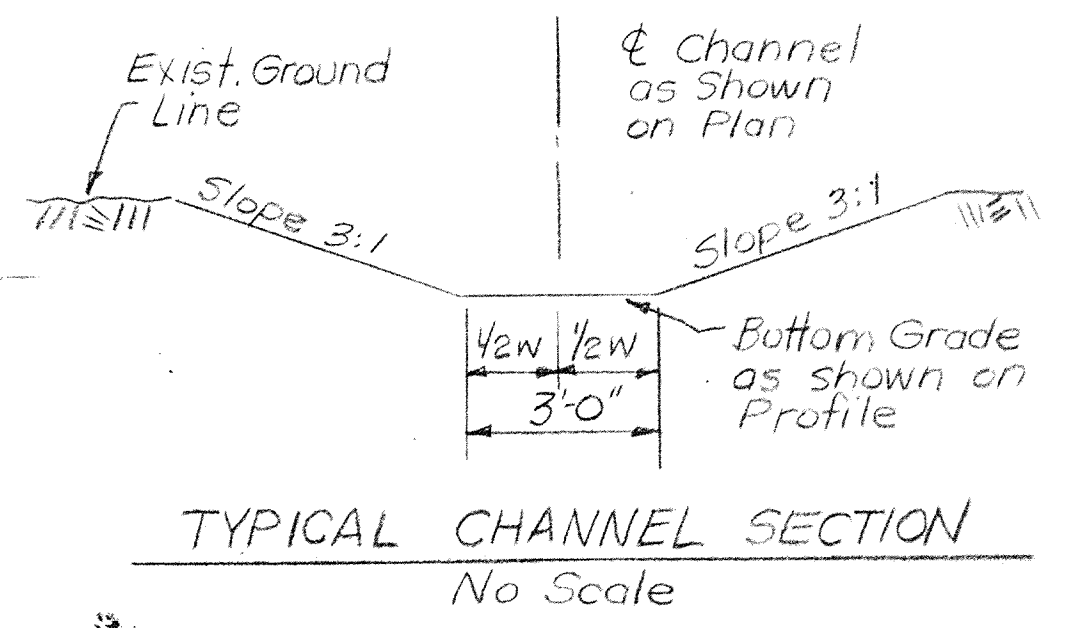
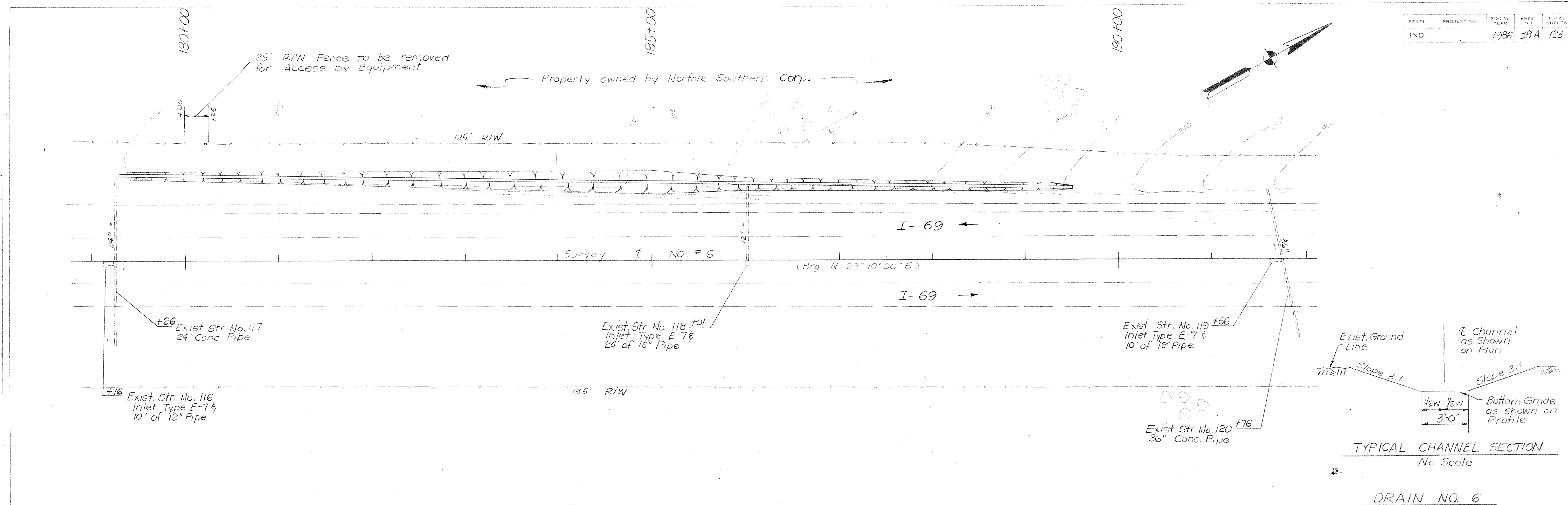
NO.:



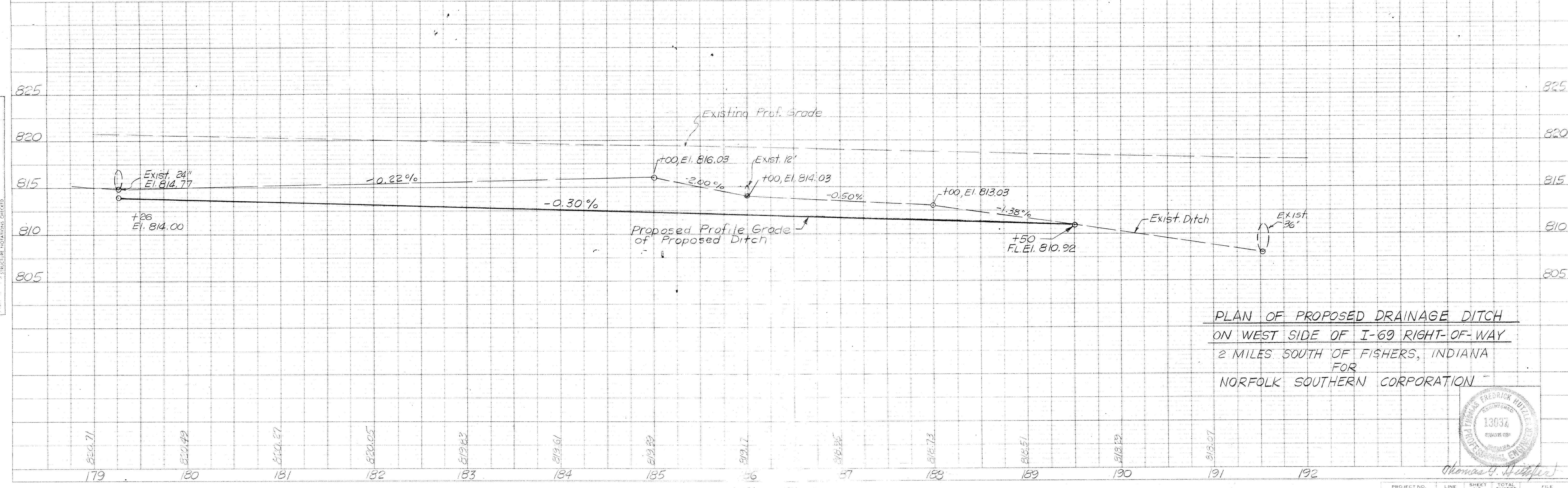
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
		38	123	

PLAN
 SURVEYED
 PLOTTED
 NOTE BOOK
 GRADES CHECKED
 NO. OF WALS CHECKED
 No.

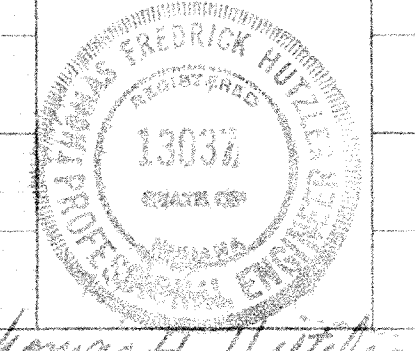
PROFILE
 SURVEYED
 PLOTTED
 NOTE BOOK
 GRADES CHECKED
 NO. OF WALS CHECKED
 No.



DRAIN NO. 6



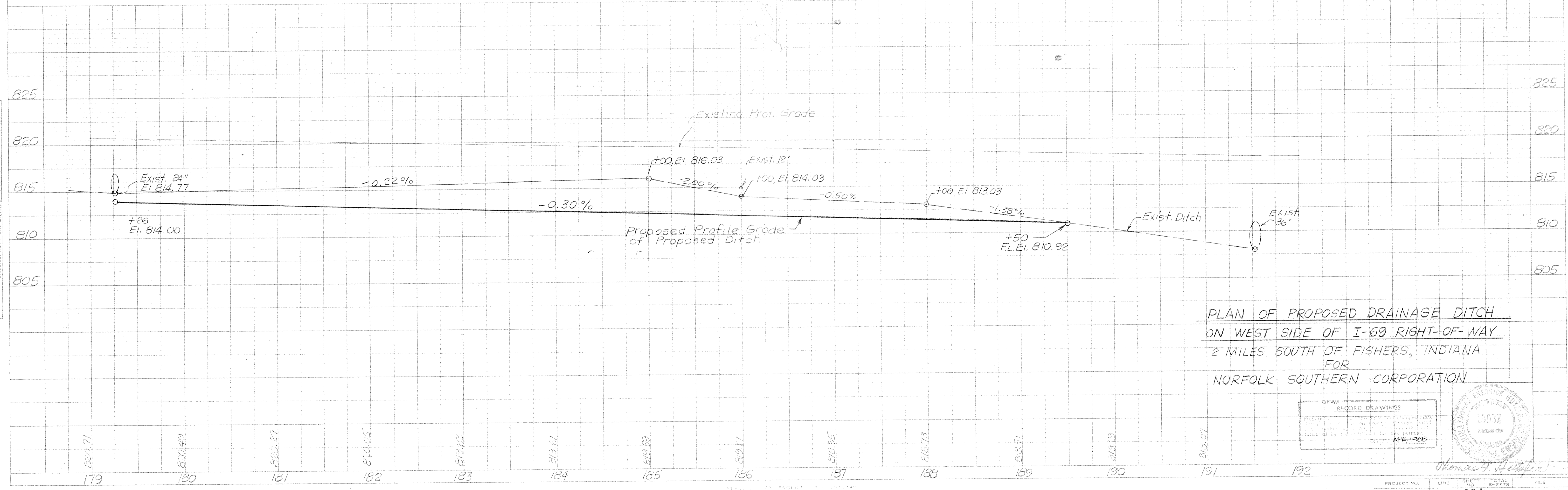
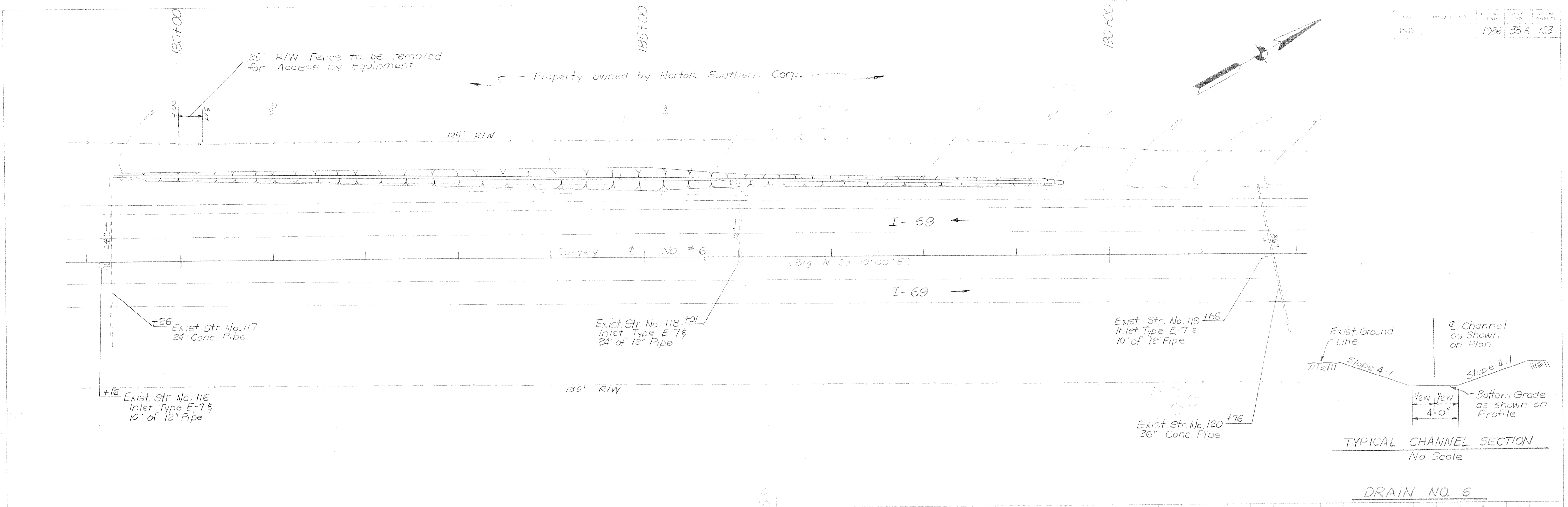
PLAN OF PROPOSED DRAINAGE DITCH
 ON WEST SIDE OF I-69 RIGHT-OF-WAY
 2 MILES SOUTH OF FISHERS, INDIANA
 FOR
 NORFOLK SOUTHERN CORPORATION



Thomas H. Huffer

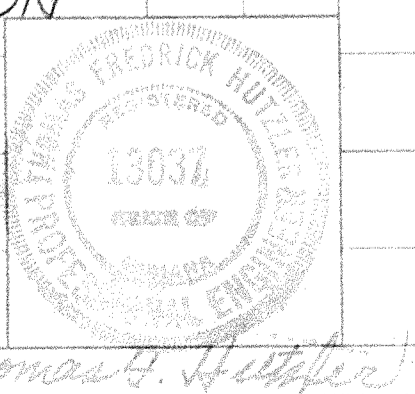
PLAN
 SURVEYED
 CHECKED
 DATE
 BY
 NO. OF WAY CHECKED
 NO.

PROFILE
 SURVEYED
 CHECKED
 DATE
 BY
 NO. OF VERTICAL CURVES CHECKED
 NO.



PLAN OF PROPOSED DRAINAGE DITCH
 ON WEST SIDE OF I-69 RIGHT-OF-WAY
 2 MILES SOUTH OF FISHERS, INDIANA
 FOR
 NORFOLK SOUTHERN CORPORATION

RECORD DRAWINGS
 APR 1988



PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
		384		

Eng. Slope to 4:1 from 3:1 & width to 4'0" fr 3'0"
 @ Channel Section JEE 10/30/86