

Drain: SPRINGS OF CAMBRIDGE DRAIN **Drain #:** 262
Improvement/Arm: SPRINGS OF CAMBRIDGE-SECTION 5
Operator: JDH **Date:** 7-2-04
Drain Classification: Urban/Rural **Year Installed:** 1995

GIS Drain Input Checklist

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

Gasb 34 Footages for Historical Cost Drain Length Log

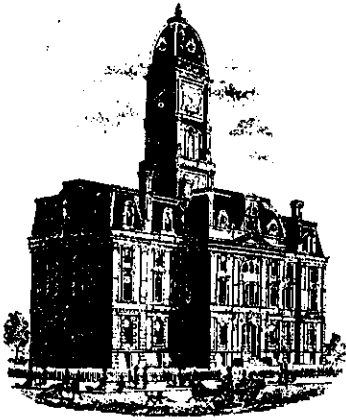
Drain-Improvement: SPRINGS OF CAMM BRIDGE DRAIN - SPRINGS OF CAMM BRIDGE - SECTION 5

Drain Type:	Size:	Length <small>SURVEYED LENGTH</small>	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSD	6"	8,602'	8,602'	Ø		
RCP	12"	969'	845'	-124'		
	15"	459'	459'	Ø		
	18"	382'	506'	+124'		
	24"	82'	82'	Ø		
	30"	1,096'	1,102'	+6		
	36"	530'	530'	Ø		

Sum: 12,120' 12,126' +6

Final Report: _____

Comments:
SR AND AB DISAGREE ON 12", 18", AND 30" RCP LENGTHS



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230

April 24, 1995

TO: Hamilton County Drainage Board

RE: Springs of Cambridge Drain-Section 5

Attached is a petition, non-enforcement request, plans, calculation, quantity summary and assessment roll for the Springs of Cambridge-Sec 5. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable; will improve the public health; benefit a public highway and be of public utility; and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited.

The drain will consist of the following:

6"	SSD	8122 feet	24"	RCP	89 feet
12"	RCP	982 feet	30"	RCP	1097 feet
15"	RCP	464 feet	36"	RCP	546 feet
18"	RCP	390 feet			

The total length of the drain will be 11,690 feet.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and those main lines between lots or in rear yards. Only the main SSD lines which are located within the easement/ Right of Way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain.

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed by the construction of this drain. I recommend a maintenance

assessment of \$30.00 per lot, \$5.00 per acre for roadways, with a \$30.00 minimum. With this assessment the total annual assessment for this drain/ this section will be \$ ~~2079~~ 26

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designed as an Urban Drain.

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement request. This request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Springs of Cambridge Sec 5 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for June 1995.

Kenton C. Ward
Hamilton County Surveyor
KCW/no



NBD Bank, N.A.
 International Operations, MS 1624
 One Indiana Square
 Indianapolis, Indiana 46266
 (317) 266-5395
 317

In All Correspondence
 Quote Our Reference No.

TELEX: MCI205615

◀ By Mail By Wire ▶

S.W.I.F.T.: INBI US44

FAX: (317) 266-7150

IRREVOCABLE STANDBY LETTER OF CREDIT NO. 5036977
 APRIL 04, 1995

 *** B E N E F I C I A R Y *** | *** A P P L I C A N T ***
 HAMILTON COUNTY COMMISSIONERS | THE MARINA LIMITED PARTNERSHIP
 & HAMILTON COUNTY DRAINAGE BOARD | 20999 HAGUE RD.
 | NOBLESVILLE, IN 46060
 |

*** EXPIRY DATE/PLACE *** | *** AVAILABLE AT/BY: ***
 EXPIRES ON APRIL 06, 1996 | OUR OFFICE ONLY BY PRESENTATION
 FOR PRESENTATION AT OUR OFFICE. | OF DOCUMENT(S) REQUIRED AND YOUR
 | DRAFT(S) DRAWN AT SIGHT.

 A M O U N T O F C R E D I T : NOT TO EXCEED, IN THE AGGREGATE
 142,500.00 U.S. DOLLARS

AT THE REQUEST AND FOR THE ACCOUNT OF THE ABOVE NAMED APPLICANT,
 WE HEREBY ESTABLISH OUR IRREVOCABLE LETTER OF CREDIT IN YOUR
 FAVOR WHICH IS AVAILABLE AS INDICATED ABOVE AGAINST PRESENTATION
 OF YOUR DRAFT(S) DRAWN ON NBD BANK, N.A., INDIANAPOLIS, INDIANA,
 WHEN ACCOMPANIED BY ORIGINAL OF THIS LETTER OF CREDIT
 AND THE FOLLOWING DOCUMENT(S):

CERTIFICATION BY THE HAMILTON COUNTY COMMISSIONERS AND HAMILTON
 COUNTY DRAINAGE BOARD OF NOBLESVILLE, IN, FOR NON-COMPLIANCE
 WITH THE SPECIFICATIONS REQUIRED FOR STORM SEWERS IN THE SPRINGS
 OF CAMBRIDGE, SECTION 5 BY THE MARINA LIMITED PARTNERSHIP, SUCH
 CERTIFICATION NOT TO ANTEDATE THE LETTER OF CREDIT; AND

CERTIFICATION BY THE HAMILTON COUNTY COMMISSIONERS AND HAMILTON
 COUNTY DRAINAGE BOARD OF NOBLESVILLE, IN THAT FUNDS DRAWN UNDER
 THIS LETTER OF CREDIT WILL BE USED TO BRING THE STORM SEWERS
 INTO COMPLIANCE IN ACCORDANCE WITH THE SPECIFICATIONS REFERENCED.

WE HEREBY ENGAGE WITH DRAWERS AND/OR BONA FIDE HOLDERS THAT
 DRAFTS DRAWN AND NEGOTIATED IN CONFORMITY WITH THE TERMS OF THIS
 CREDIT WILL BE DULY HONORED AT PRESENTATION.

EXCEPT SO FAR AS OTHERWISE EXPRESSLY STATED, THIS CREDIT IS
 SUBJECT TO THE UNIFORM CUSTOMS AND PRACTICE FOR DOCUMENTARY
 CREDITS, 1993 REVISION, INTERNATIONAL CHAMBER OF COMMERCE
 PUBLICATION NO. 500.

REGARDS,

Kathleen A. Walker
 AUTHORIZED SIGNATURE

Jessica Shuman
 AUTHORIZED SIGNATURE



NBD Bank, N.A.
 International Operations, MS 1624
 One Indiana Square
 Indianapolis, Indiana 46266
 (317) 266-5395
 317

In All Correspondence
 Quote Our Reference No.

TELEX: MCI205615

◀ By Mail By Wire ▶

S.W.I.F.T.: INBI US44

FAX: (317) 266-7150

IRREVOCABLE STANDBY LETTER OF CREDIT NO. S036976
 APRIL 04, 1995

 *** B E N E F I C I A R Y *** | *** A P P L I C A N T ***
 HAMILTON COUNTY COMMISSIONERS | THE MARINA LIMITED PARTNERSHIP
 & HAMILTON COUNTY DRAINAGE BOARD | 20999 HAGUE RD.
 | NOBLESVILLE, IN 46060
 |

*** EXPIRY DATE/PLACE *** | *** AVAILABLE AT/BY: ***
 EXPIRES ON APRIL 06, 1996 | OUR OFFICE ONLY BY PRESENTATION
 FOR PRESENTATION AT OUR OFFICE. | OF DOCUMENT(S) REQUIRED AND YOUR
 | DRAFT(S) DRAWN AT SIGHT.

 A M O U N T O F C R E D I T : NOT TO EXCEED, IN THE AGGREGATE
 42,666.00 U.S. DOLLARS

AT THE REQUEST AND FOR THE ACCOUNT OF THE ABOVE NAMED APPLICANT,
 WE HEREBY ESTABLISH OUR IRREVOCABLE LETTER OF CREDIT IN YOUR
 FAVOR WHICH IS AVAILABLE AS INDICATED ABOVE AGAINST PRESENTATION
 OF YOUR DRAFT(S) DRAWN ON NBD BANK, N.A., INDIANAPOLIS, INDIANA,
 WHEN ACCOMPANIED BY ORIGINAL OF THIS LETTER OF CREDIT
 AND THE FOLLOWING DOCUMENT(S):

CERTIFICATION BY THE HAMILTON COUNTY COMMISSIONERS AND HAMILTON
 COUNTY DRAINAGE BOARD OF NOBLESVILLE, IN, FOR NON-COMPLIANCE
 WITH THE SPECIFICATIONS REQUIRED FOR SUBSURFACE DRAINAGE IN
 THE SPRINGS OF CAMBRIDGE, SECTION 5 BY THE MARINA LIMITED
 PARTNERSHIP, SUCH CERTIFICATION NOT TO ANTEDATE THE LETTER OF
 CREDIT; AND

CERTIFICATION BY THE HAMILTON COUNTY COMMISSIONERS AND HAMILTON
 COUNTY DRAINAGE BOARD OF NOBLESVILLE, IN, THAT FUNDS DRAWN
 UNDER THIS LETTER OF CREDIT WILL BE USED TO BRING THE SUBSURFACE
 DRAINAGE INTO COMPLIANCE IN ACCORDANCE WITH THE SPECIFICATIONS
 REFERENCED.

WE HEREBY ENGAGE WITH DRAWERS AND/OR BONA FIDE HOLDERS THAT
 DRAFTS DRAWN AND NEGOTIATED IN CONFORMITY WITH THE TERMS OF THIS
 CREDIT WILL BE DULY HONORED AT PRESENTATION.

EXCEPT SO FAR AS OTHERWISE EXPRESSLY STATED, THIS CREDIT IS
 SUBJECT TO THE UNIFORM CUSTOMS AND PRACTICE FOR DOCUMENTARY
 CREDITS, 1993 REVISION, INTERNATIONAL CHAMBER OF COMMERCE
 PUBLICATION NO. 500.

REGARDS,

Matthew A. Becker
 AUTHORIZED SIGNATURE

Gerda C. Shuman
 AUTHORIZED SIGNATURE



NBD Bank, N.A.
 International Operations, MS 1624
 One Indiana Square
 Indianapolis, Indiana 46266
 (317) 266-5395

In All Correspondence
 Quote Our Reference No.

TELEX: MCI205615

◀ By Mail By Wire ▶

S.W.I.F.T.: INBI US44

FAX: (317) 266-7150

317

IRREVOCABLE STANDBY LETTER OF CREDIT NO. 9036997
 APRIL 07, 1995

 *** B E N E F I C I A R Y *** | *** A P P L I C A N T ***
 HAMILTON COUNTY COMMISSIONERS & | THE MARINA LIMITED PARTNERSHIP
 HAMILTON COUNTY DRAINAGE BOARD | 20999 HAGUE RD.
 | NOBLESVILLE, IN 46060
 |

 *** EXPIRY DATE/PLACE *** | *** AVAILABLE AT/BY: ***
 EXPIRES ON APRIL 06, 1996 | OUR OFFICE ONLY BY PRESENTATION
 FOR PRESENTATION AT OUR OFFICE. | OF DOCUMENT(S) REQUIRED AND YOUR
 | DRAFT(S) DRAWN AT SIGHT.

 A M O U N T O F C R E D I T : NOT TO EXCEED, IN THE AGGREGATE
 20,000.00 U.S. DOLLARS

AT THE REQUEST AND FOR THE ACCOUNT OF THE ABOVE NAMED APPLICANT,
 WE HEREBY ESTABLISH OUR IRREVOCABLE LETTER OF CREDIT IN YOUR
 FAVOR WHICH IS AVAILABLE AS INDICATED ABOVE AGAINST PRESENTATION
 OF YOUR DRAFT(S) DRAWN ON NBD BANK, N.A., INDIANAPOLIS, INDIANA,
 WHEN ACCOMPANIED BY ORIGINAL OF THIS LETTER OF CREDIT
 AND THE FOLLOWING DOCUMENT(S):

+CERTIFICATION BY THE HAMILTON COUNTY COMMISSIONERS AND HAMILTON
 COUNTY DRAINAGE BOARD OF NOBLESVILLE, IN, FOR NON-COMPLIANCE WITH
 THE SPECIFICATIONS REQUIRED FOR EROSION CONTROL IN THE SPRINGS OF
 CAMBRIDGE, SECTION 5 BY THE MARINA LIMITED PARTNERSHIP, SUCH
 CERTIFICATION NOT TO ANTEDATE THE LETTER OF CREDIT AND;

CERTIFICATION BY THE HAMILTON COUNTY COMMISSIONERS AND HAMILTON
 COUNTY DRAINAGE BOARD OF NOBLESVILLE, IN THAT FUNDS DRAWN
 UNDER THIS LETTER OF CREDIT WILL BE USED TO BRING THE EROSION
 CONTROL INTO COMPLIANCE IN ACCORDANCE WITH THE SPECIFICATIONS
 REFERENCED.

WE HEREBY ENGAGE WITH DRAWERS AND/OR BONA FIDE HOLDERS THAT
 DRAFTS DRAWN AND NEGOTIATED IN CONFORMITY WITH THE TERMS OF THIS
 CREDIT WILL BE DULY HONORED AT PRESENTATION.

EXCEPT SO FAR AS OTHERWISE EXPRESSLY STATED, THIS CREDIT IS
 SUBJECT TO THE UNIFORM CUSTOMS AND PRACTICE FOR DOCUMENTARY
 CREDITS, 1993 REVISION, INTERNATIONAL CHAMBER OF COMMERCE
 PUBLICATION NO. 500.

REGARDS,

Matthew A. Becker
 AUTHORIZED SIGNATURE

Jendac Steiner
 AUTHORIZED SIGNATURE

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: The Springs of Cambridge, Section Five

I hereby certify that:

- 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: Joseph A. Sharp Date: November 14, 1995

Type or Printed Name: Joseph A. Sharp

Business Address: 7172 Graham Road

Indianapolis, IN 46250

Telephone: (317) 842-6777

INDIANA REGISTERED NUMBER

15179





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

To: Hamilton County Drainage Board

August 5, 1997

Re: Springs of Cambridge Drain: Sec. 5

Attached are as-builts, certificate of completion and compliance, and other information for Springs of Cambridge Sec. 5. 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 April 24, 1995. The changes are as follows:

- Str. 713-706 24"RCP shortened from 89' feet to 82' feet.
- Str. 704-703 30"RCP lengthened from 194' feet to 196' feet.
- Str. 702-701 30"RCP lengthened from 41' feet to 43' feet.
- Str. 701-700 36"RCP shortened from 165' feet to 158' feet.
- Str. 714-707 12"RCP shortened from 146' feet to 142' feet.
- Str. 709-708 15"RCP lengthened from 36' feet to 37' feet.
- Str. 708-707 15"RCP shortened from 107' feet to 106' feet.
- Str. 712-705 12"RCP shortened from 156' feet to 152' feet.
- Str. 711-701 15"RCP lengthened from 35' feet to 42' feet.
- Str. 724-723 18"RCP lengthened from 22' feet to 28' feet.
- Str. 723-721 18"RCP shortened from 16' feet to 12' feet.
- Str. 725-722 18"RCP lengthened from 54' feet to 57' feet.
- Str. 722-721 36"RCP lengthened from 95' feet to 97' feet.
- Str. 721-716 36"RCP shortened from 135' feet to 131' feet.
- Str. 727-726 12"RCP lengthened from 26' feet to 28' feet.
- Str. 726-719 18"RCP shortened from 180' feet to 177' feet.
- Str. 720-719 18"RCP shortened from 118' feet to 113' feet.
- Str. 719-718 30"RCP shortened from 165' feet to 163' feet.
- Str. 718-717 30"RCP shortened from 129' feet to 126' feet.
- Str. 716-715 36"RCP shortened from 151' feet to 144' feet.
- Str. 729-728 15"RCP shortened from 42' feet to 30' feet.
- Str. 738-737 12"RCP shortened from 26' feet to 25' feet.

Str. 736-E721 12"RCP shortened from 147' feet to 145' feet.
Str. 735-734 12"RCP shortened from 131' feet to 129' feet.
Str. 734-733 18"RCP shortened from 124' feet to 119' feet.
Str. 732-731 12"RCP lengthened from 28' feet to 29' feet.
Str. 731-730 12"RCP shortened from 170' feet to 167' feet.
The 6"ssd total for the streets is 8,602 feet. 6"ssd was added across lots 231 & 223-225 at a length of 1162' feet.

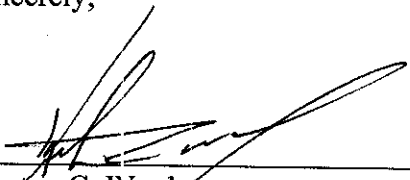
The length of the drain due to the changes described above is now ^{12,120'}~~13,288 feet~~.

The non-enforcement was approved by the Board at its meeting on June 5, 1995 and recorded under instrument #9537801.

The bond or letter of credit from NBD Bank, number SO36975 for monuments, SO36976 for drainage, and SO36977 for erosion control, dated April 4, 1995 and April 7, 1995, in the amount of \$4,500.00, \$20,000.00, and \$42,666.00, has expired.

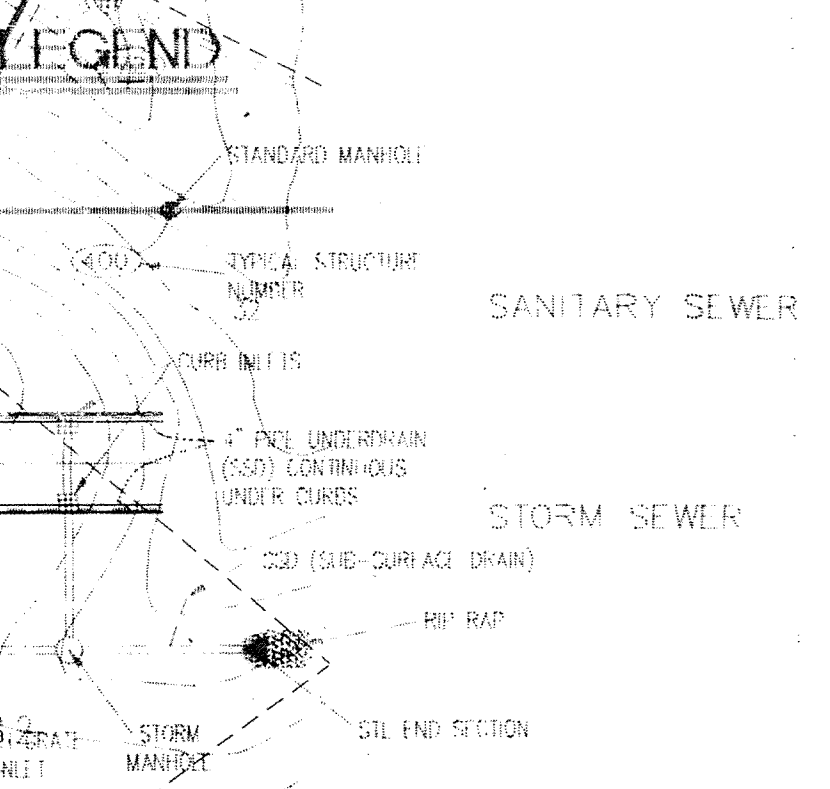
I recommend the Board approve the drains construction as complete and acceptable.

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm



NOTE:
 1. DIMENSIONS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY REPRESENT ACTUAL RECORDED INFORMATION. SEE RECORDED PLAT FOR EXACT INFORMATION.
 2. PHOTOGRAPHIC AND PLANNING INFORMATION FROM PHOTOGRAPHIC COMPILATION IS SHOWN FOR REFERENCE ONLY AND HAS NOT BEEN TOTALLY CORRECTED BY PAUL I. CRIFE, INC. TYPICAL AERIAL PHOTOGRAPHIC MAPPING ACCURACY IS TO WITHIN ONE-HALF CENTIMETER INTERVAL. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER. THE CONSULTING PHOTOGRAMMETRIC CONSULTANT SHALL BE SOLELY RESPONSIBLE FOR THE ACCURACY OF PHOTOGRAMMETRIC MAPPING. PHOTOGRAMMETRIC MAPPING PREPARED BY:

WATER ELEVATION=785.0
 100 YEAR = 788.4

GEIST RESERVOIR

RECORD DRAWING

DON'T DIG BLIND

"HOLEY MOLEY" SEE

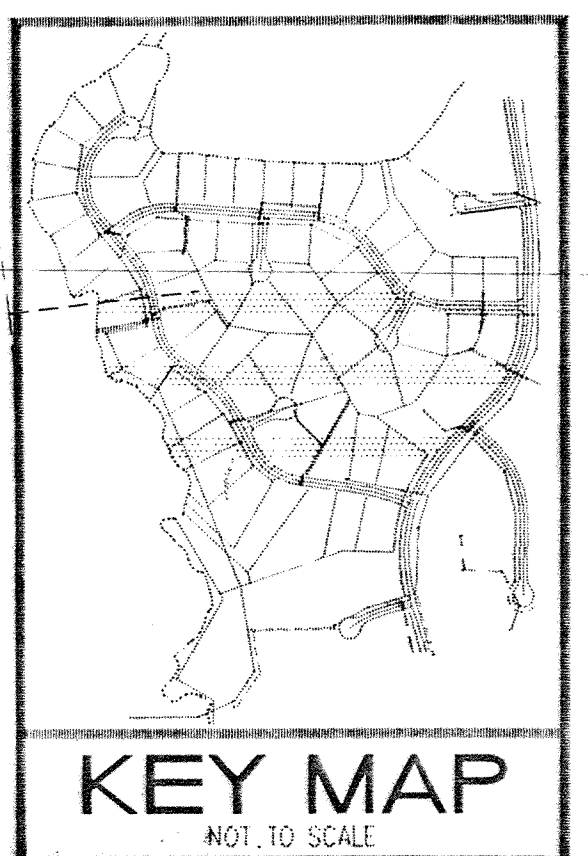
REGISTERED PROFESSIONAL ENGINEER

15179
 101-800-382-5544
 TOLL FREE
 428-5200

CAUTION
 LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

NO PAD - MEANS THIS IS A HEAVILY WOODED LOT AND NO PAD FILL REQUIRED BY THE DEVELOPER.
MFG - (MINIMUM PAD GRADE) MEANS THE DEVELOPER IS TO FILL THE PAD AREA TO THE GRADE SHOWN ON PLANS.
MFGC - (MINIMUM FINISH GRADE) MEANS THE FINISHED GRADE AROUND THE HOME. NO OPENING CAN BE BELOW THE GRADE.

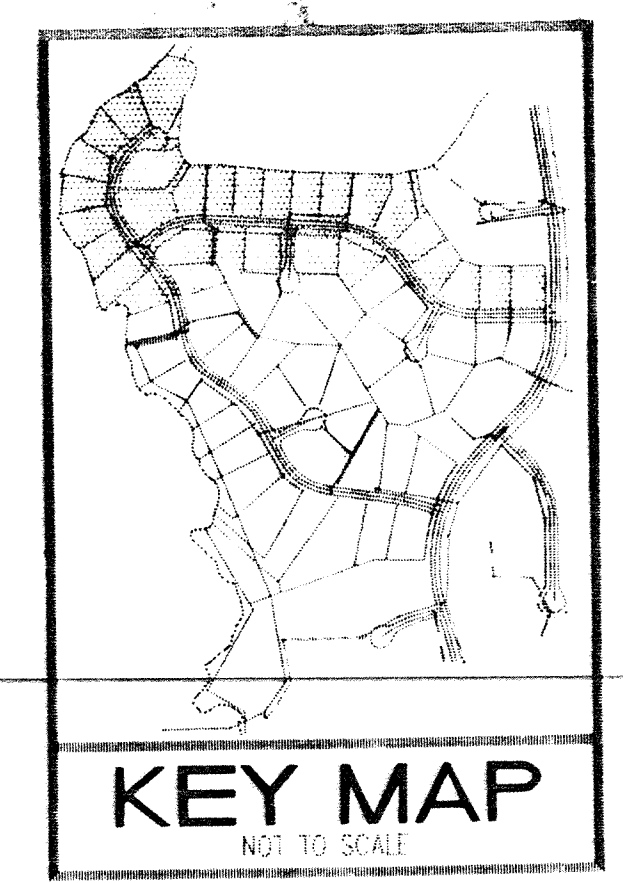
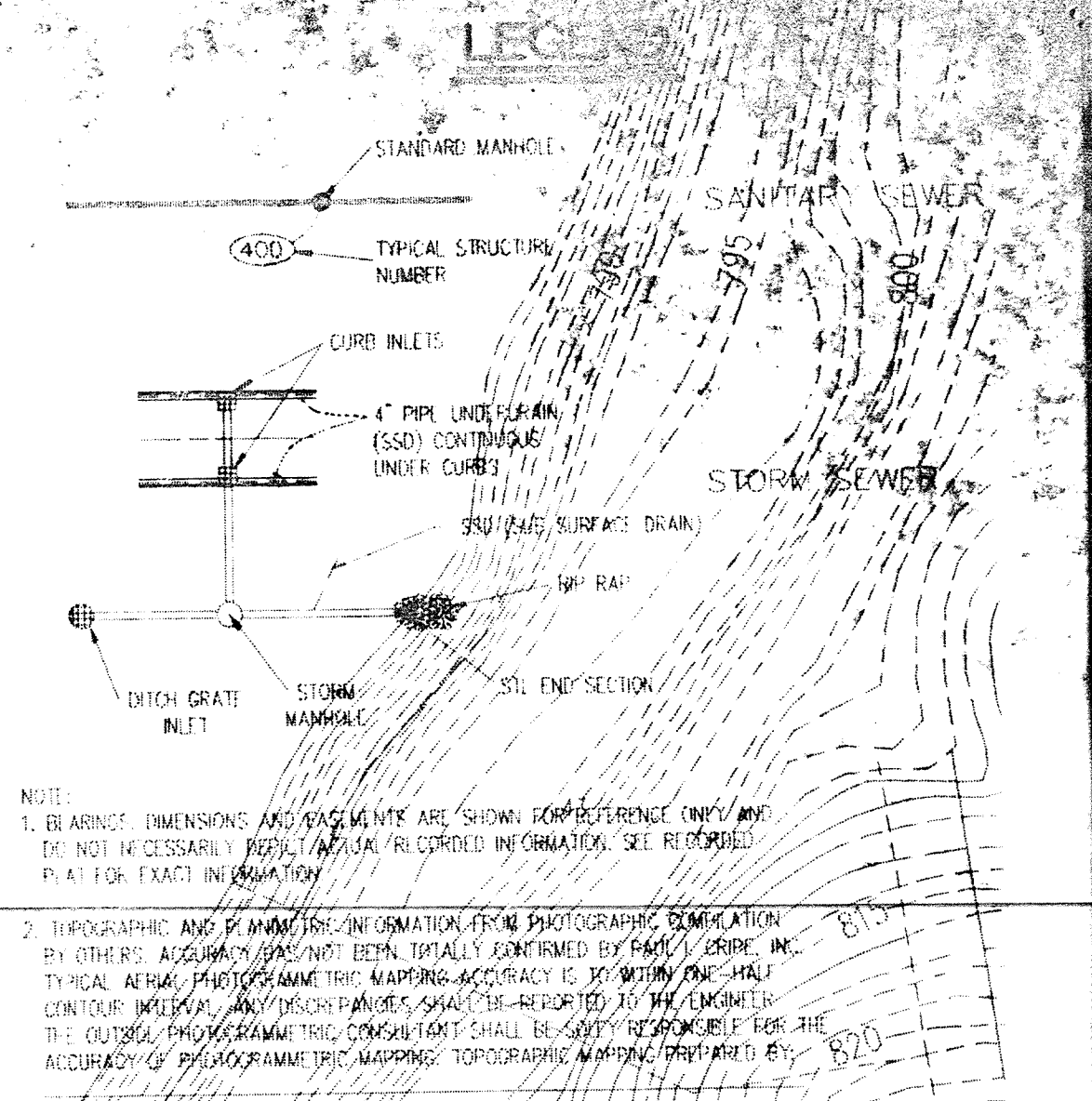
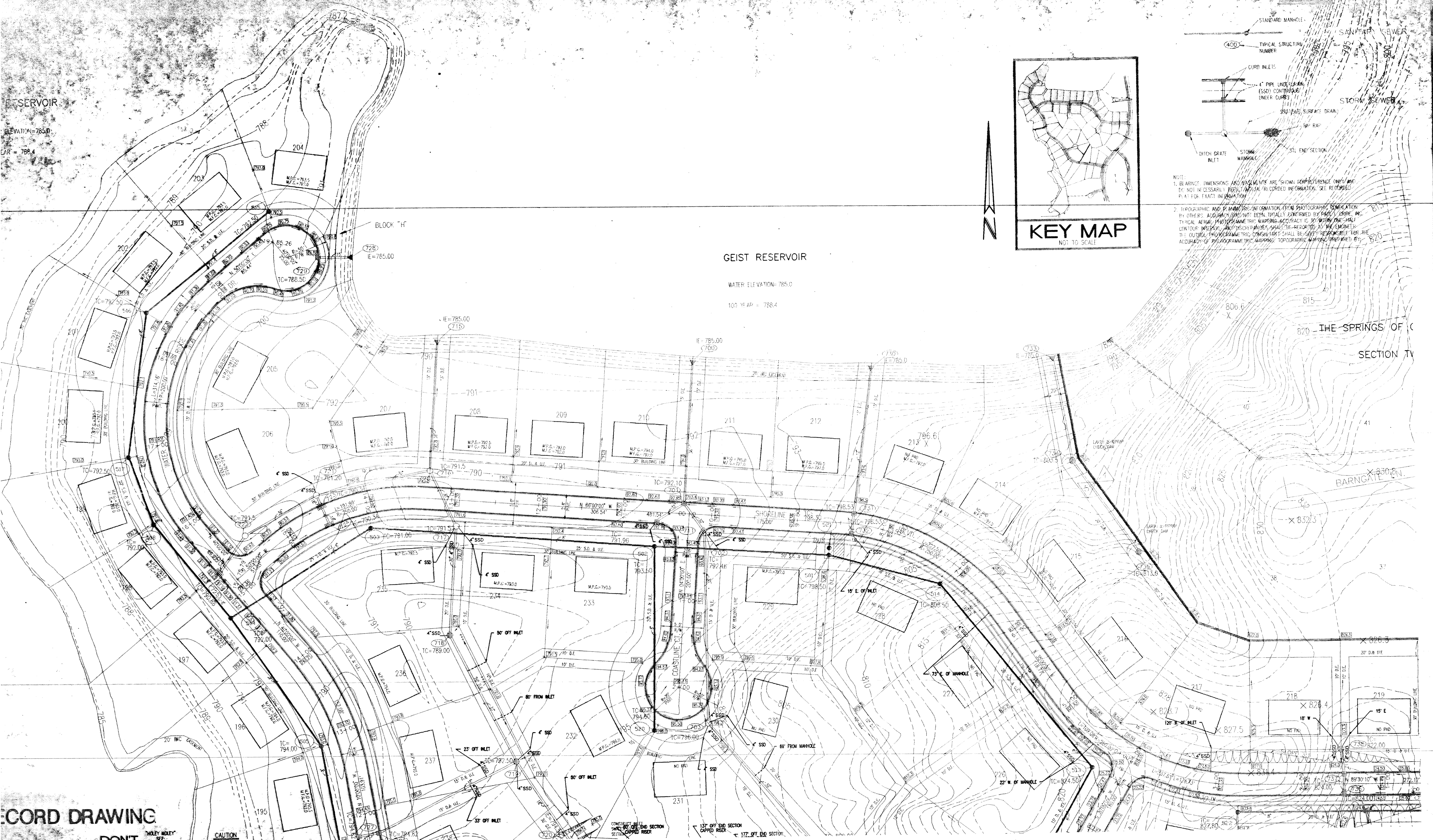
THE HOMEOWNER, BUILDER OR HIS REPRESENTATIVES MUST HAVE A PLOT PLAN PREPARED AND SEALED BY A PROFESSIONAL ENGINEER THAT MEETS ALL THE REQUIREMENTS OF THE PLANNING JURISDICTIONS, FEDERAL AND STATE REQUIREMENTS, LOCAL UTILITIES, COVENANTS AND ANY OTHER ENCUMBRANCES. THIS PLAN, AMONG OTHER ITEMS, SHALL CONSIDER FLOOR LEVELS, STORM ROUTINGS, AND MINIMUM FLOOR ELEVATIONS. GRAVITY SEWER SHALL NOT BE CONSIDERED FOR LOWER LEVELS.
 PAUL I. CRIFE, INC. SHALL BE HELD HARMLESS IF THESE REQUIREMENTS ARE NOT MET.



THE SPRINGS OF CAMBRIDGE SECTION FIVE

CERTIFIED BY: <i>Joseph A. Shays</i> 1.3.96	REVISIONS 2-20-95 REVISED PER DEVELOPERS CHANGES. SMW 05-21-96 "BUILT" SSD 4-17-95 REVISED PER HAMILTON CO. SURVEYOR. EFG 05-15-96 Additional "As-built" SSD 11-10-95 ADDED SSD "AS BUILT" EFG	REVISIONS 01-05-96 REVISED "As-Built" SSD - SAME EFG	PAUL I. CRIFE, INC. 7172 GRAHAM ROAD INDIANAPOLIS, INDIANA 46250 (317) 842-6777	CIVIL ENGINEERING LAND SURVEYING ARCHITECTURE LAND PLANNING	TECH SERVICES CHECK: DATE:	DATE: 10-10-94 SCALE: 1"=50'	DRAWING TITLE: SITE DEVELOPMENT PLAN SHEET 2 OF 3	DWG. TYPE FILE NUMBER JOB NUMBER 81100-23100	SHEET: C202
					DATE:				

RESERVOIR
ELEVATION=785.0
100 YEAR = 788.4



GEIST RESERVOIR
WATER ELEVATION=785.0
100 YEAR = 788.4

RECORD DRAWING



1-800-382-5544
CALL TOLL FREE
1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA

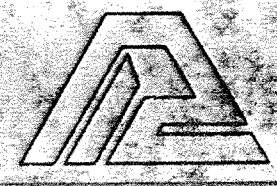
CAUTION
LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

NO PAD - MEANS THIS IS A HEAVILY WOODED LOT AND NO PAD FILL REQUIRED BY THE DEVELOPER.
MFG - (MINIMUM PAD GRADE) MEANS THE DEVELOPER IS TO FILL THE PAD AREA TO THE GRADE SHOWN ON PLANS.
MFG - (MINIMUM FINISH GRADE) MEANS THE FINISHED GRADE AROUND THE HOME, NO OPENING CAN BE BELOW THE GRADE.

THE HOMEOWNER, BUILDER OR HIS REPRESENTATIVES MUST HAVE A PLOT PLAN PREPARED AND SEALED BY A PROFESSIONAL ENGINEER THAT MEETS ALL THE REQUIREMENTS OF THE PLANNING JURISDICTIONS, FEDERAL AND STATE REQUIREMENTS, LOCAL UTILITIES, COORDINATES AND ANY OTHER ENCUMBRANCES. THIS PLAN, AMONG OTHER ITEMS, SHALL CONSIDER FLOOR LEVELS, STORM ROUTINGS, AND MINIMUM FLOOR ELEVATIONS. GRAVITY SEWER SHALL NOT BE CONSIDERED FOR LOWER LEVELS.
PAUL I. CRIFE, INC. SHALL BE HELD HARMLESS IF THESE REQUIREMENTS ARE NOT MET.



REVISION	DATE	BY	CHKD



PAUL I. CRIFE, INC.
172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 542-6777

- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

TECH SERVICES CHECK:
DATE:

DATE: 11-01-94
SCALE: 1"=50'

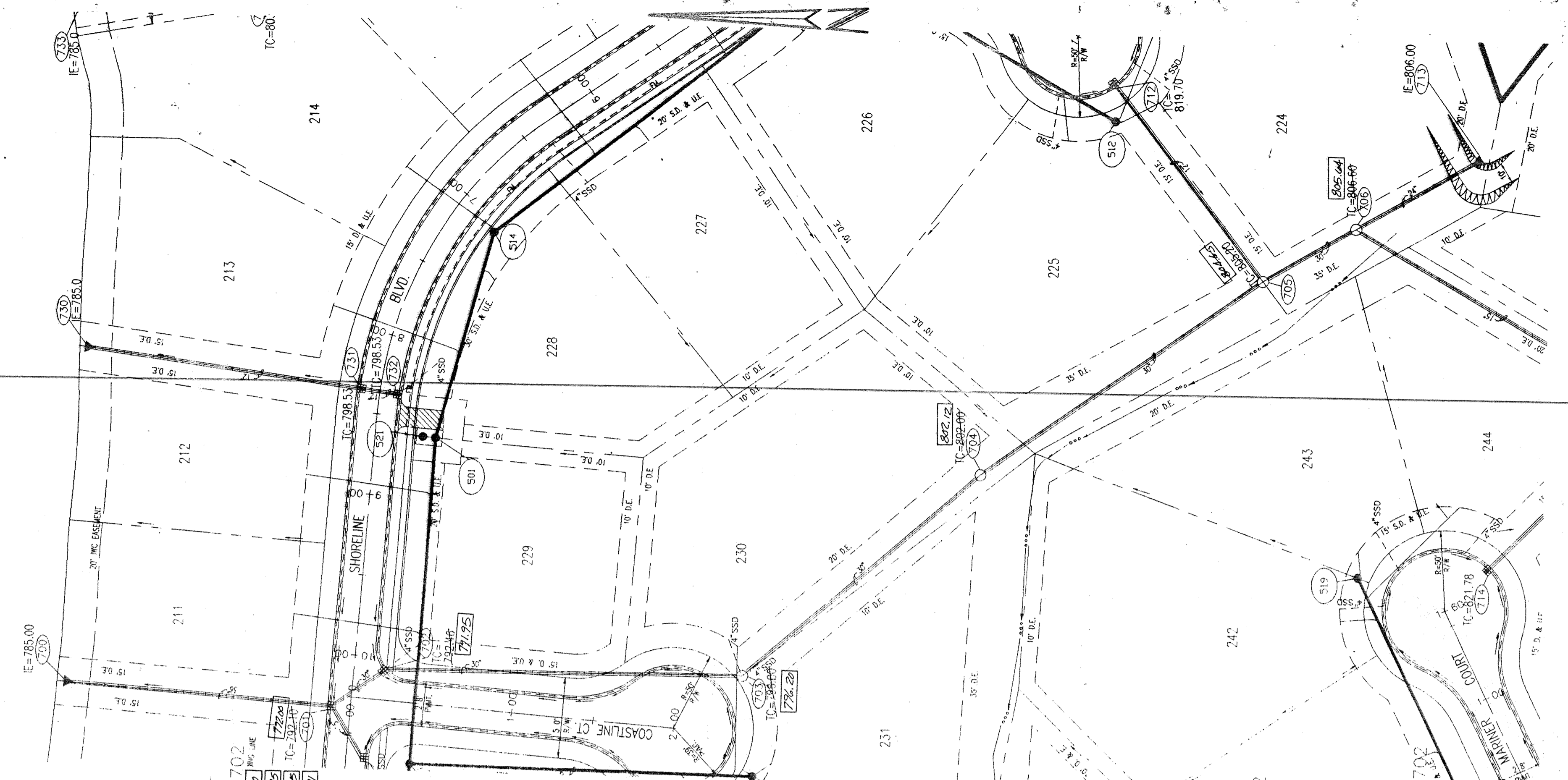
DRAWING TITLE:
SITE DEVELOPMENT PLAN
SHEET 1 OF 3

DWG. TYPE	FILE NUMBER	SHEET

THE SPRINGS OF CAMBRIDGE FIVE
JOB NUMBER: 81100-23100

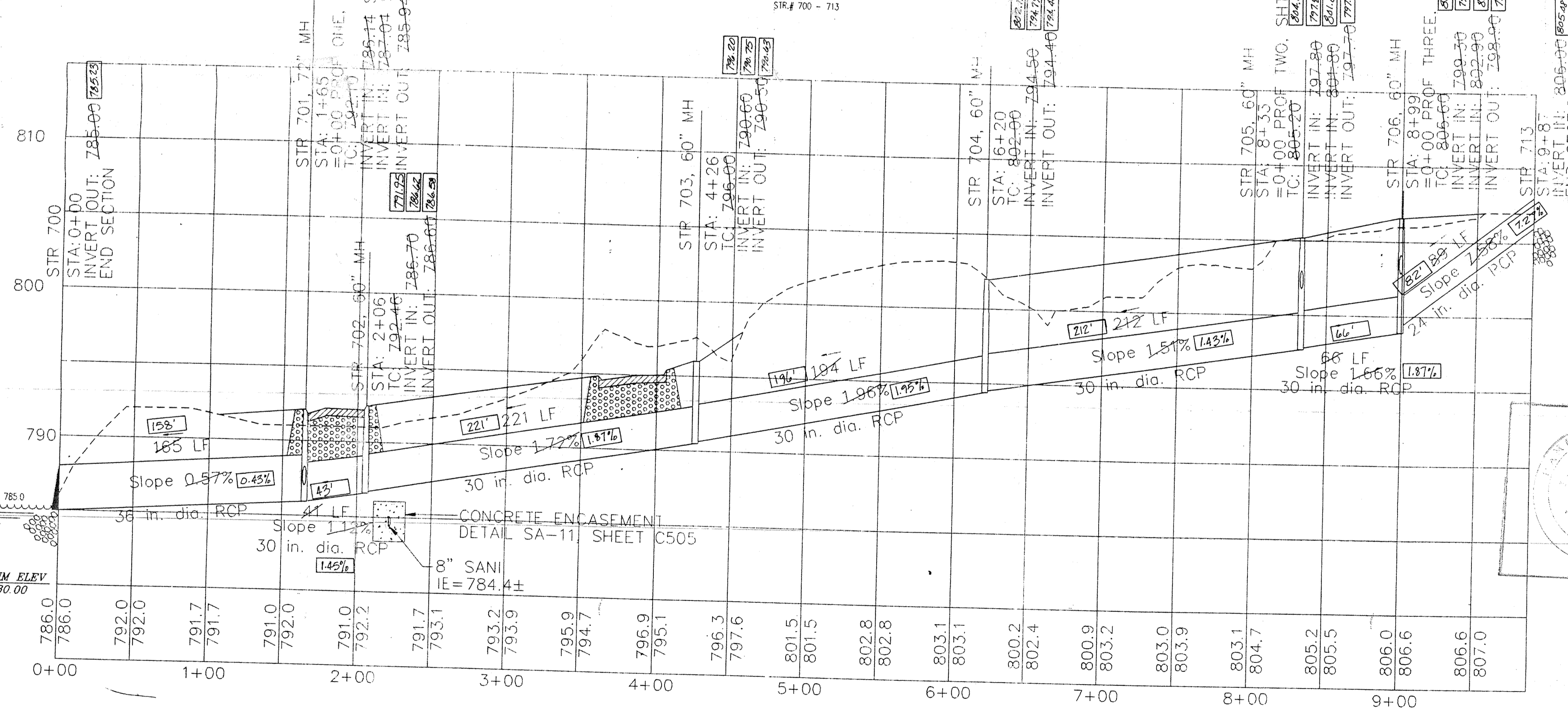
DON'T DIG BLIND
 "HOLEY MOLEY" SEE
 LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON SURFACE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

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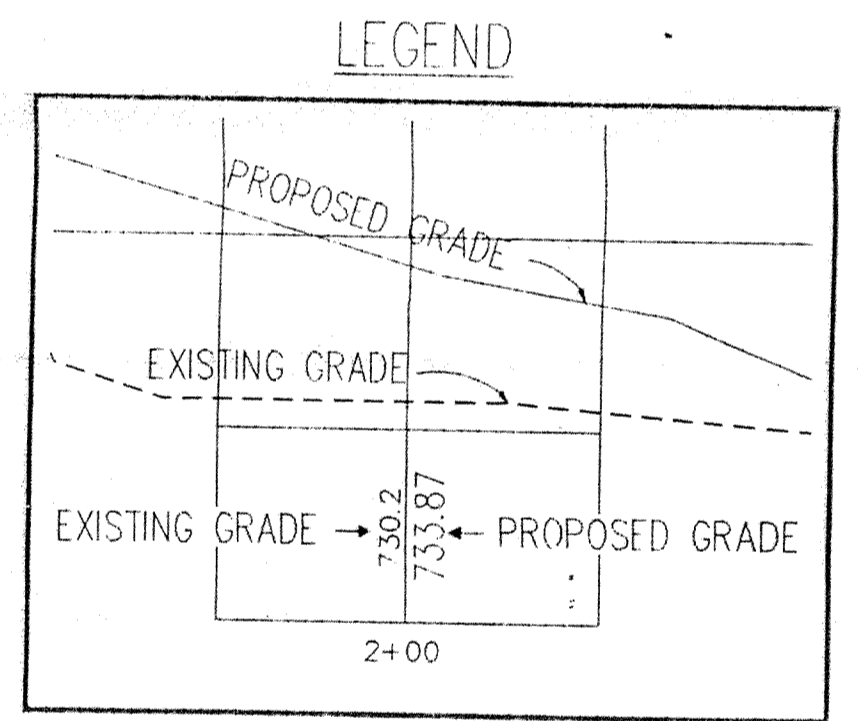
PLAN ONE

- NOTES:
- FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.
 - ALL STORM DRAINAGE STRUCTURES (IE: MANHOLES, CURB INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND HAVE A BRUSHED FINISH.
 - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS AND PIPE CONNECTIONS WELL GROTTED, TROWELED SMOOTH AND BRUSH FINISHED.
 - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS, FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
 - IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE ABOVE STATED REQUIREMENTS.

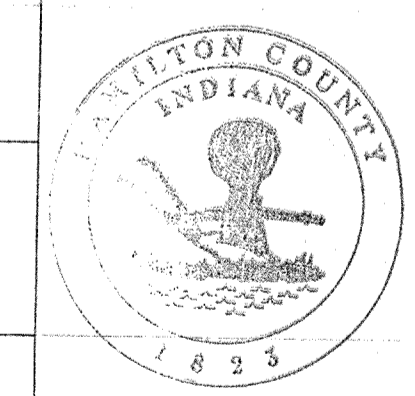


PROFILE ONE

00.000 Denotes "As Built" information

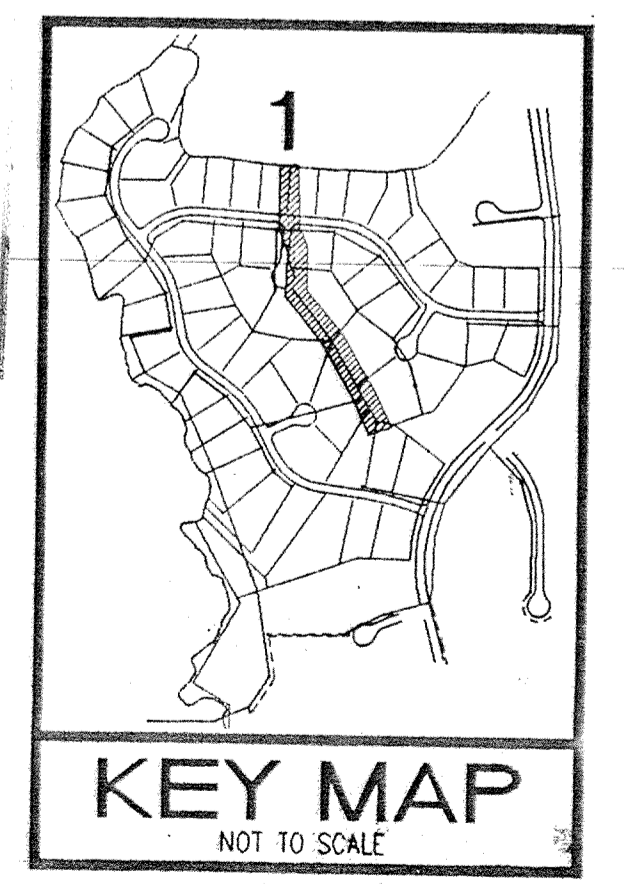


- GRANULAR BACKFILL
- CONCRETE ENCASED PIPE SEE SHEET C505, DETAIL SA-11



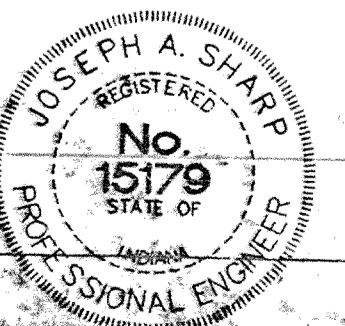
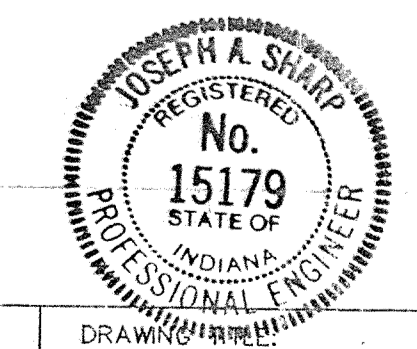
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 7-2-04
 Entered by: JAH

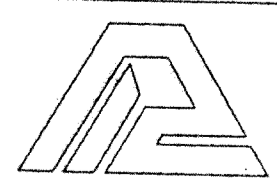


RECORD DRAWING

Joseph A. Sharp
 6.23.95



NO.	REVISIONS	DATE	BY
1	Storm "As Built"	08-23-95	EFB



PAUL I. CRIFE, INC.
 7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 (317) 842-6777

- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

TECH SERVICES CHECK:
 Shm L. L. L. L. L.
 DATE: 3-27-95

DATE: 10-10-94
 SCALE: HORZ 1"=50'
 VERT. 1"=5'

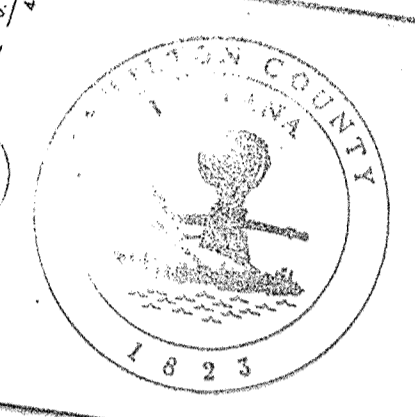
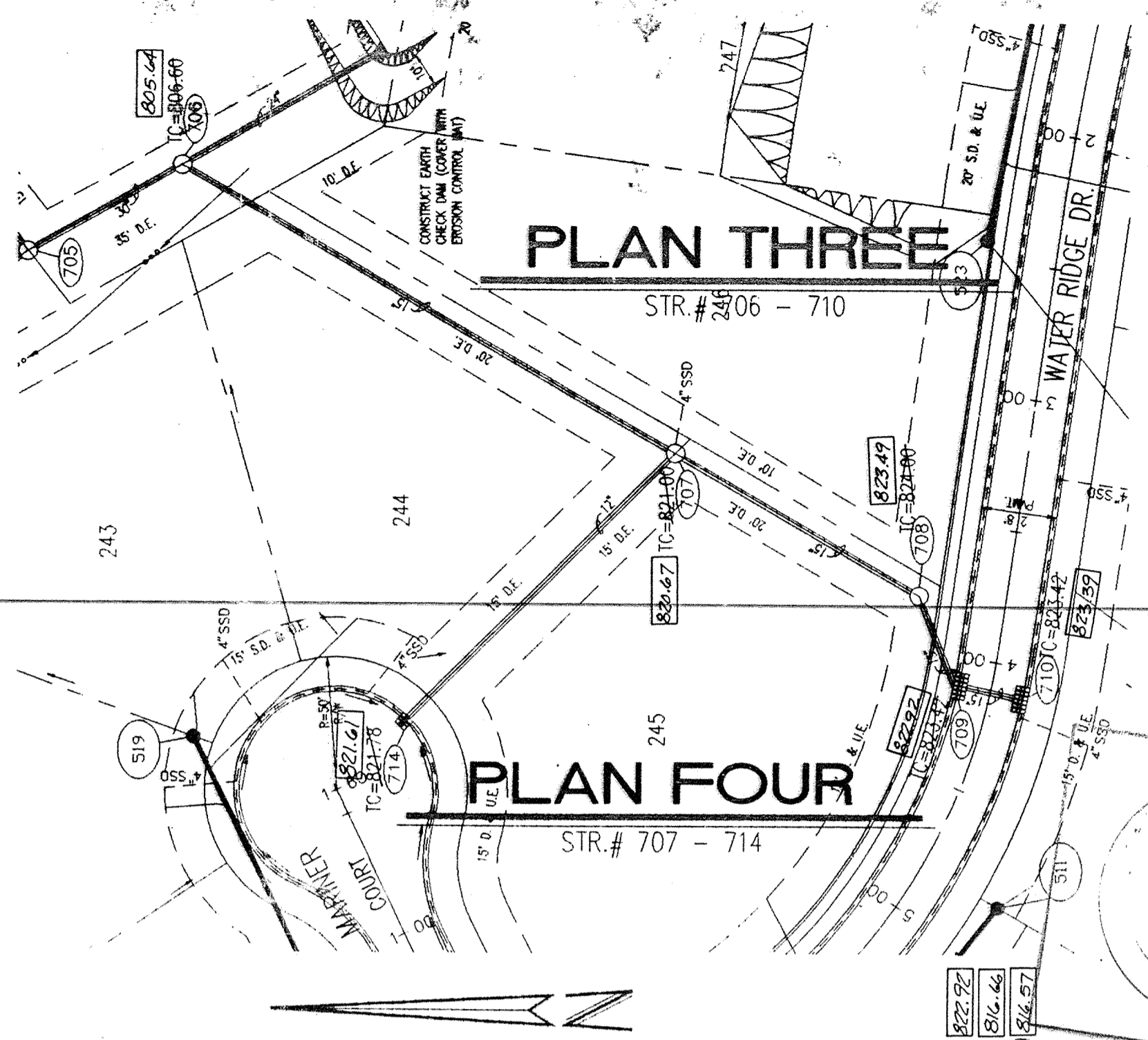
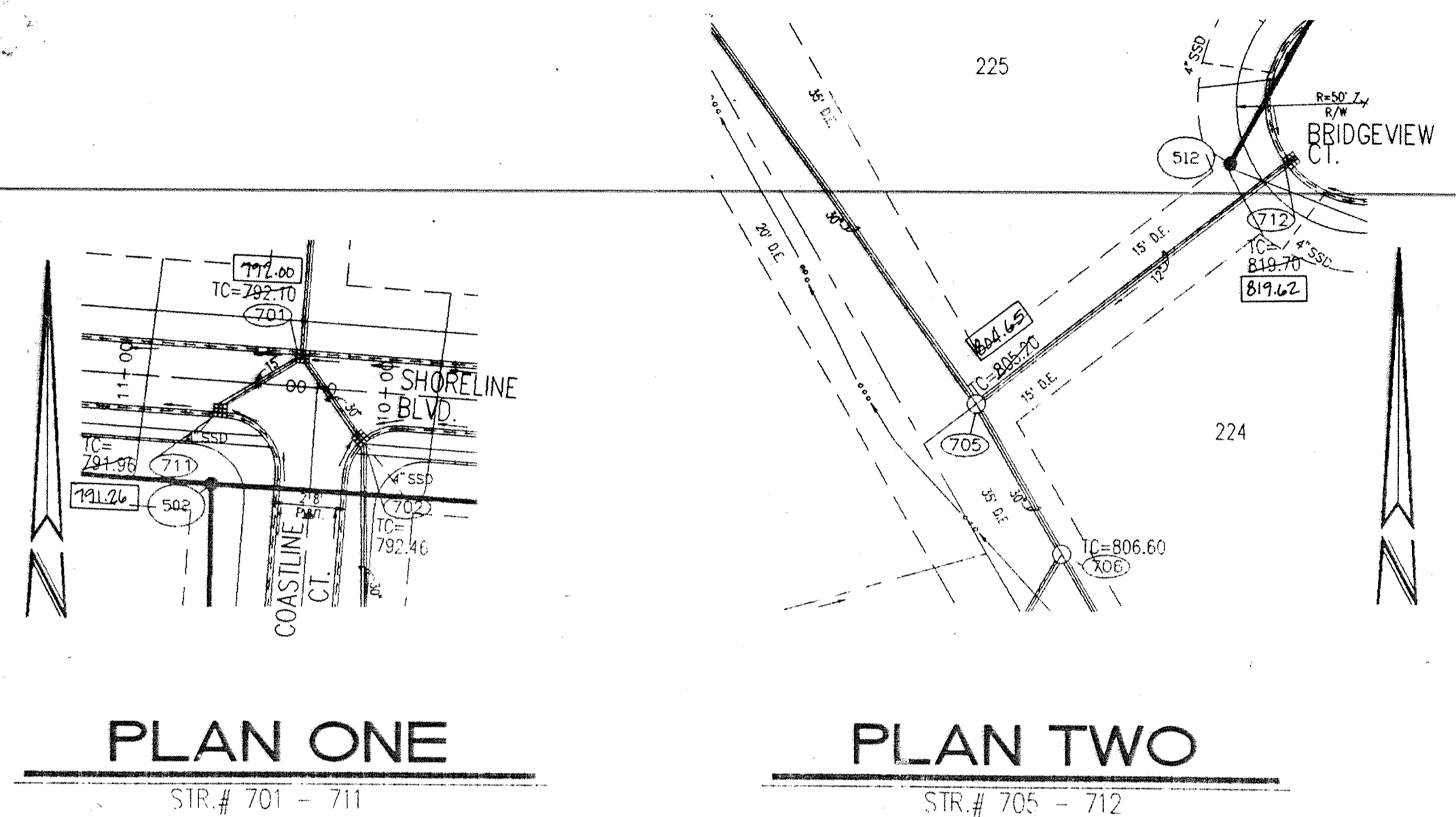
STORM SEWER PLAN & PROFILE

THE SPRINGS OF CAMBRIDGE SECTION FIVE

DWG. TYPE	FILE NUMBER	SHEET
JOB NUMBER		
81100-23100		

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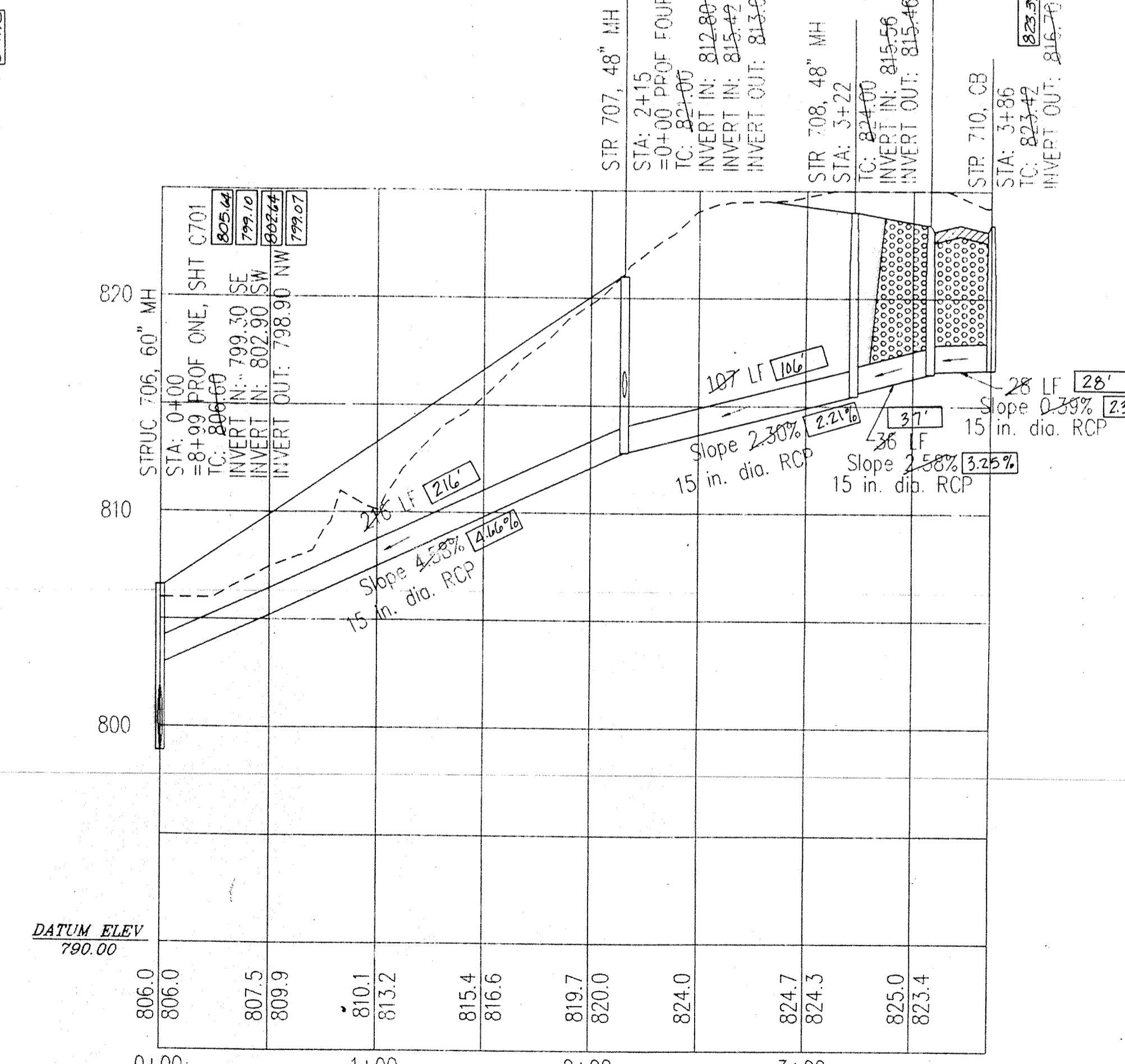
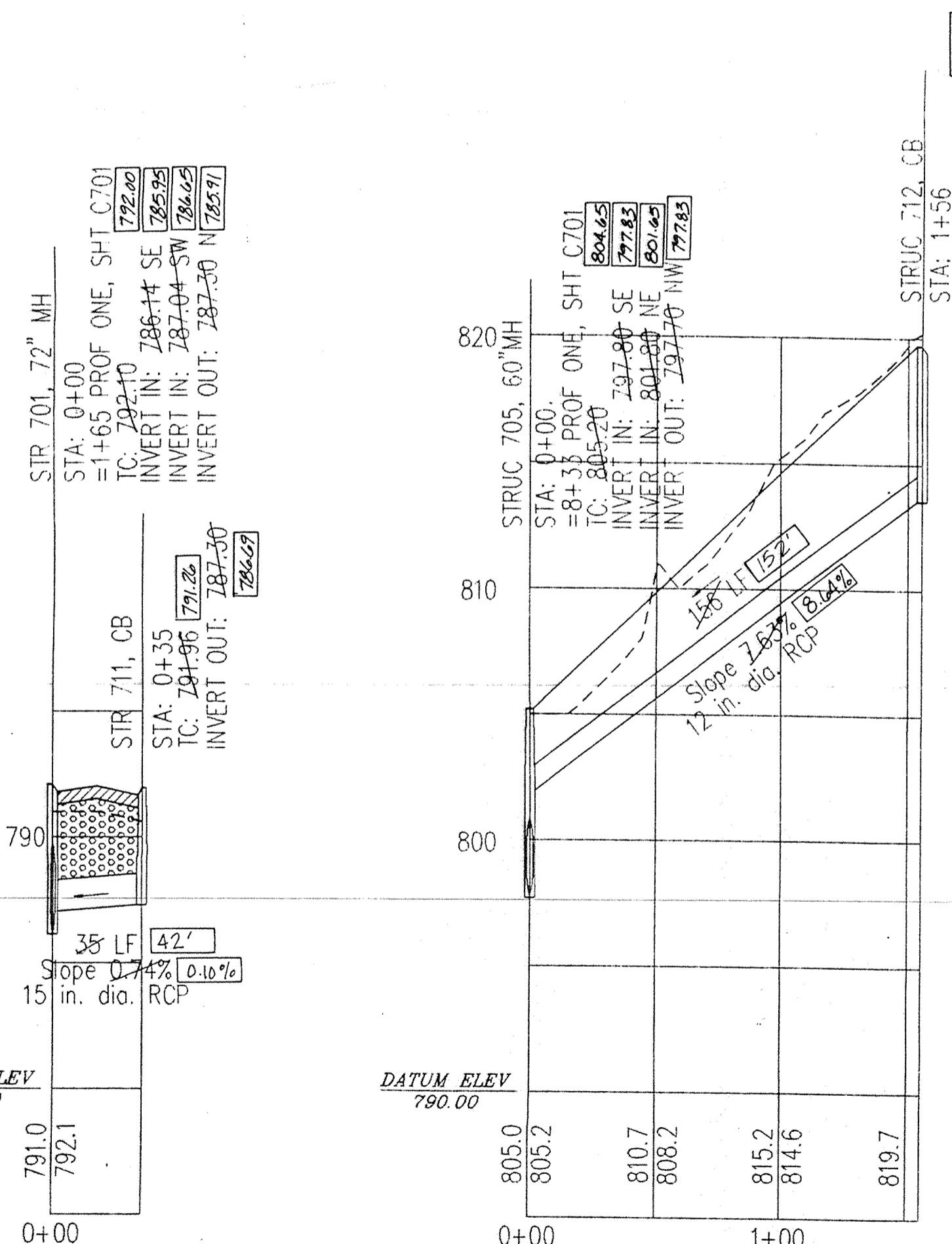
CAUTION
 LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHALL BE INDICATED BY SURFACE EVIDENCE (E.G. MANHOLES, CURB INLETS, MONITORS, INTAKES, VALVES, AND MATHS) OR BY THE GROUND BY OTHERS) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.



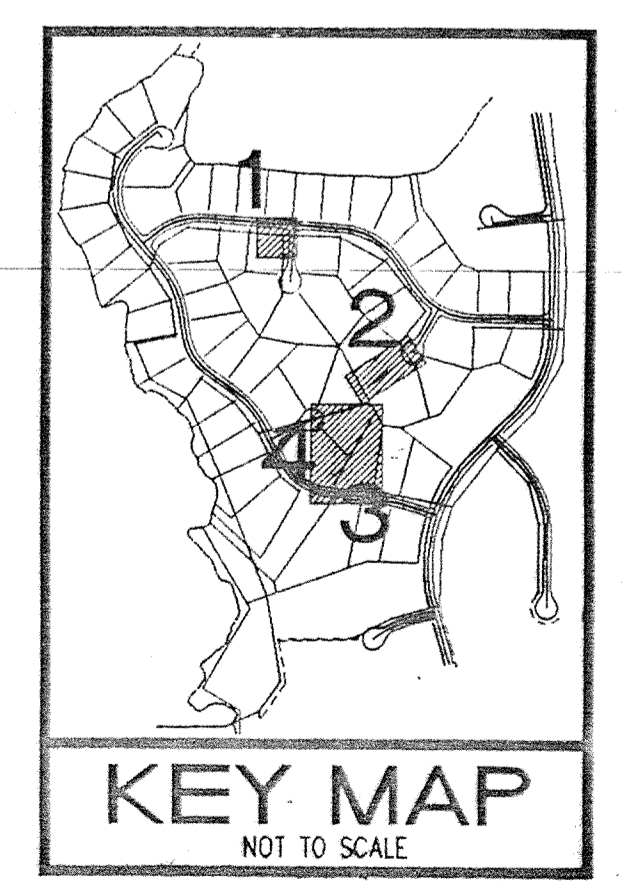
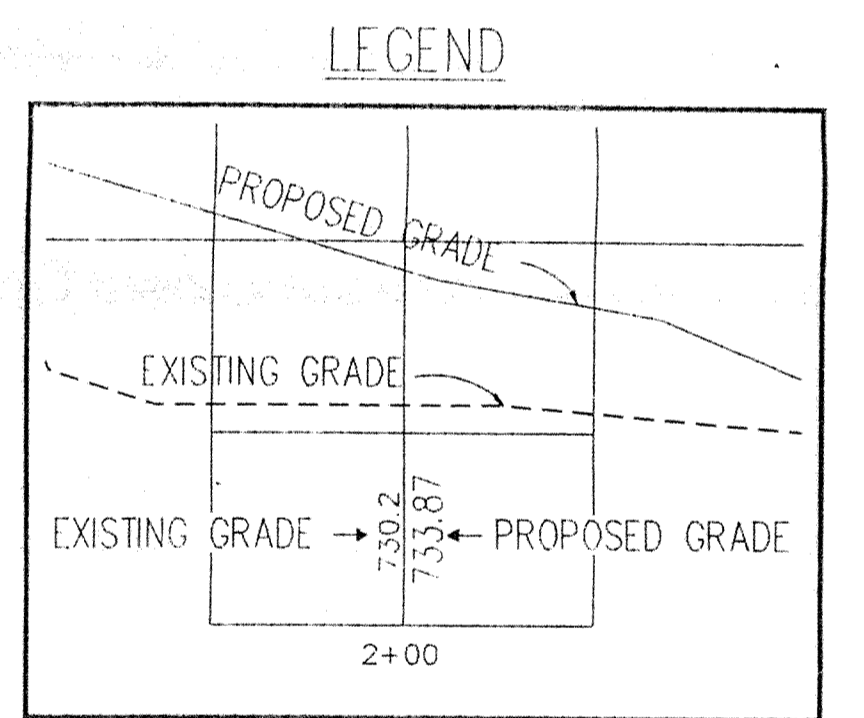
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Entry Date: 7-20-04
 Entered by: JGH

- NOTES:
- FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.
 - ALL STORM DRAINAGE STRUCTURES (E.G. MANHOLES, CURB INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND HAVE A BRUSHED FINISH.
 - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS AND PIPE CONNECTIONS WELL GROUTED, TROWELED SMOOTH AND BRUSH FINISHED.
 - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
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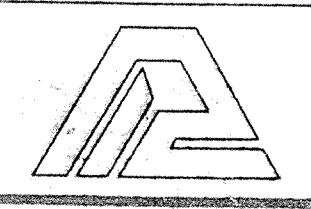
00.00 DENOTES "AS BUILT" INFORMATION



RECORD DRAWING
 Joseph A. Sharp
 8.23.95
 No. 15179
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF INDIANA

PROFILE ONE **PROFILE TWO** **PROFILE THREE** **PROFILE FOUR**

THE SPRINGS OF CAMBRIDGE SECTION FIVE



PAUL I. CRIFE, INC.
 7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 (317) 842-6777

CIVIL ENGINEERING
 LAND SURVEYING
 ARCHITECTURE
 LAND PLANNING

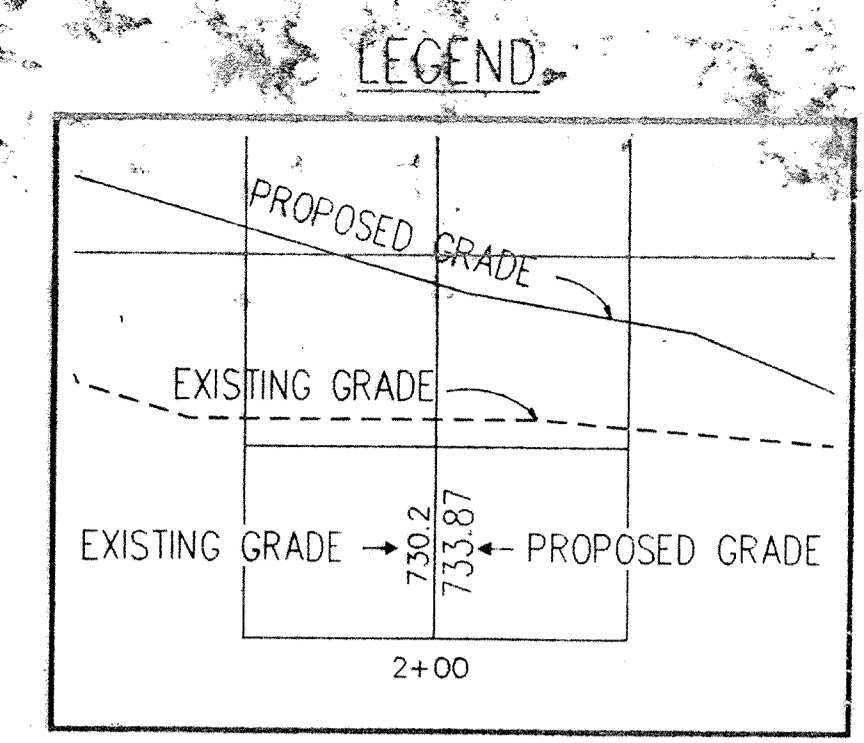
TECH SERVICES CHECK:
 Shev...
 DATE: 3-22-21

DATE: 10-10-94
 SCALE: HORIZ. 1"=50'
 VERT. 1"=5'

DRAWING TITLE:
STORM SEWER PLAN & PROFILE

DWG. TYPE	FILE NUMBER	SHEET
JOB NUMBER		
81100-23100		

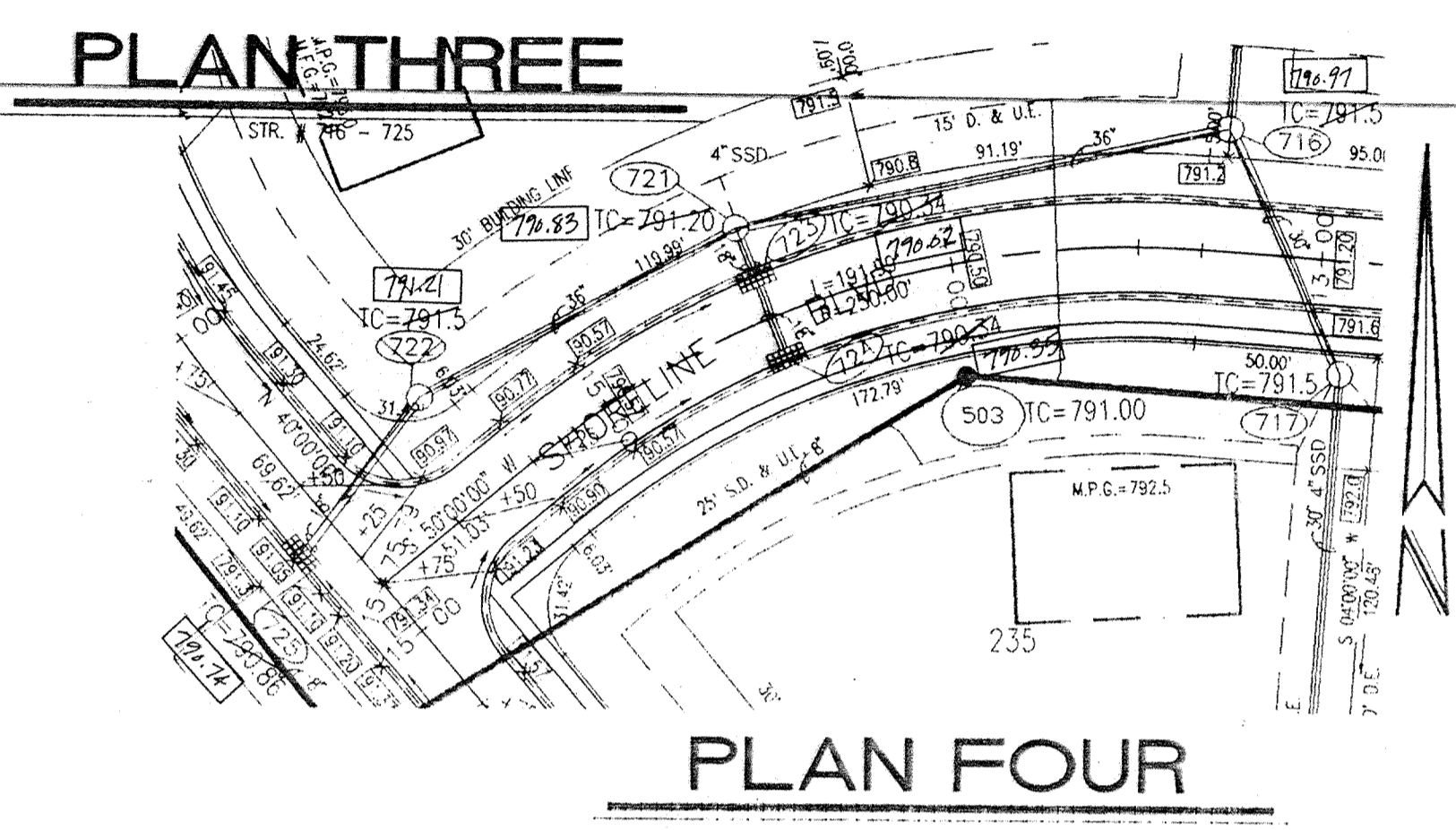
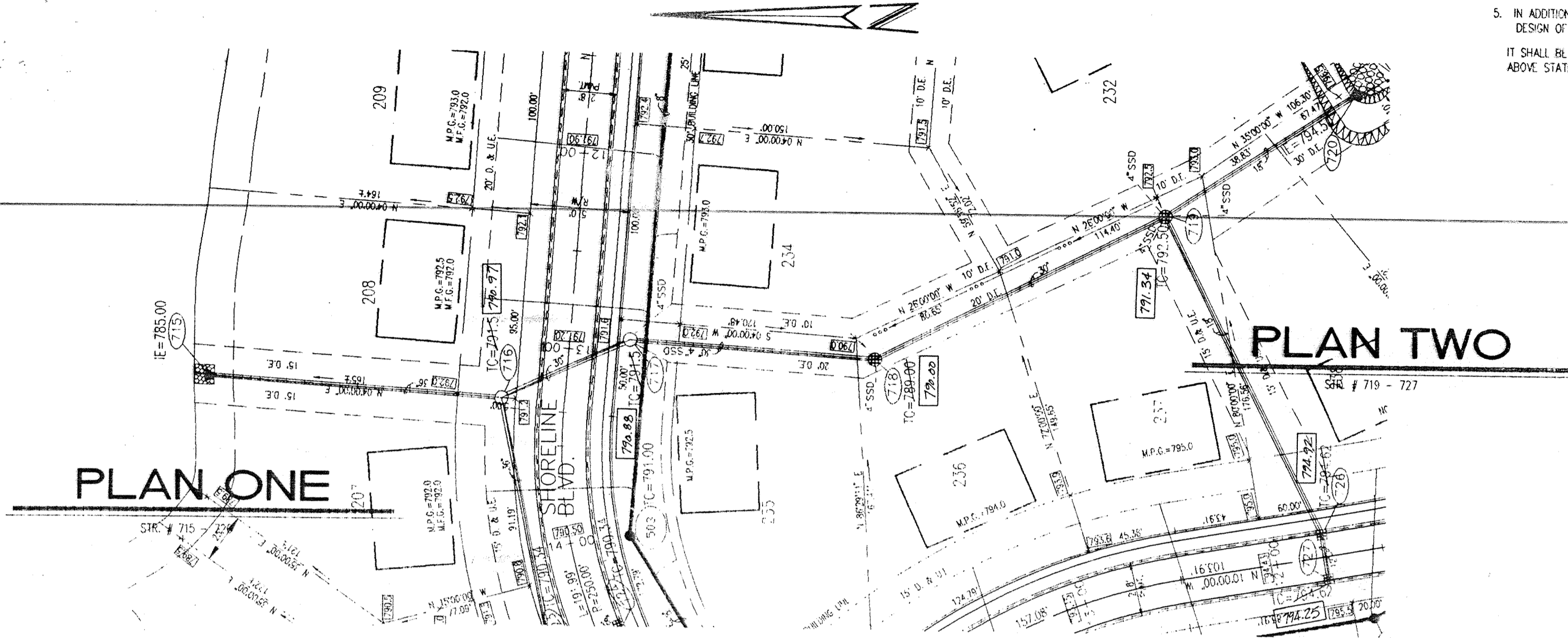
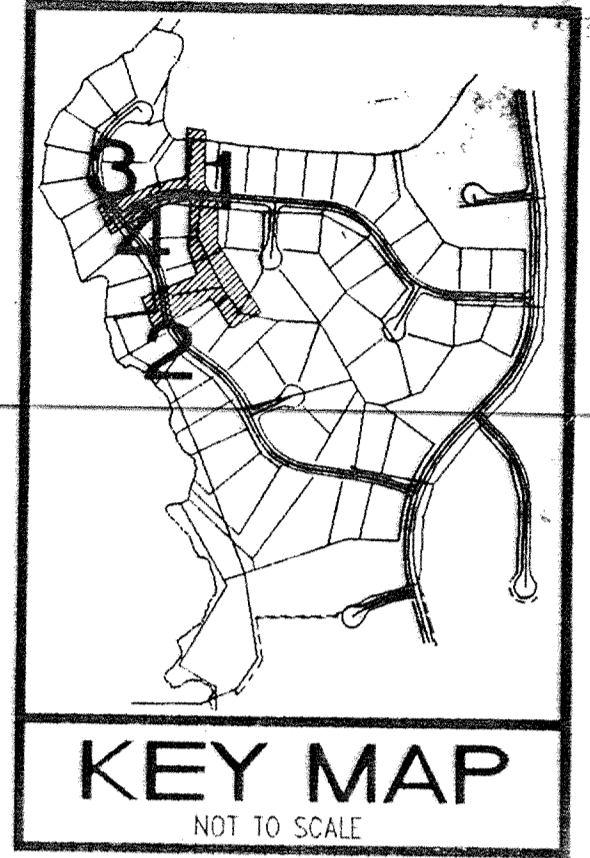
- NOTES:
1. FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.
 2. ALL STORM DRAINAGE STRUCTURES (IE: MANHOLES, CURB INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND HAVE A BRUSHED FINISH.
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 4. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
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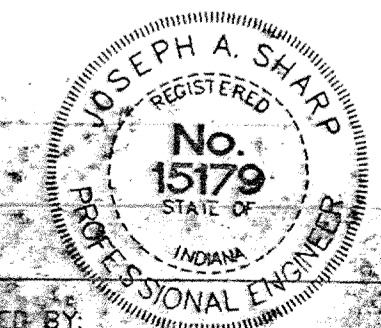
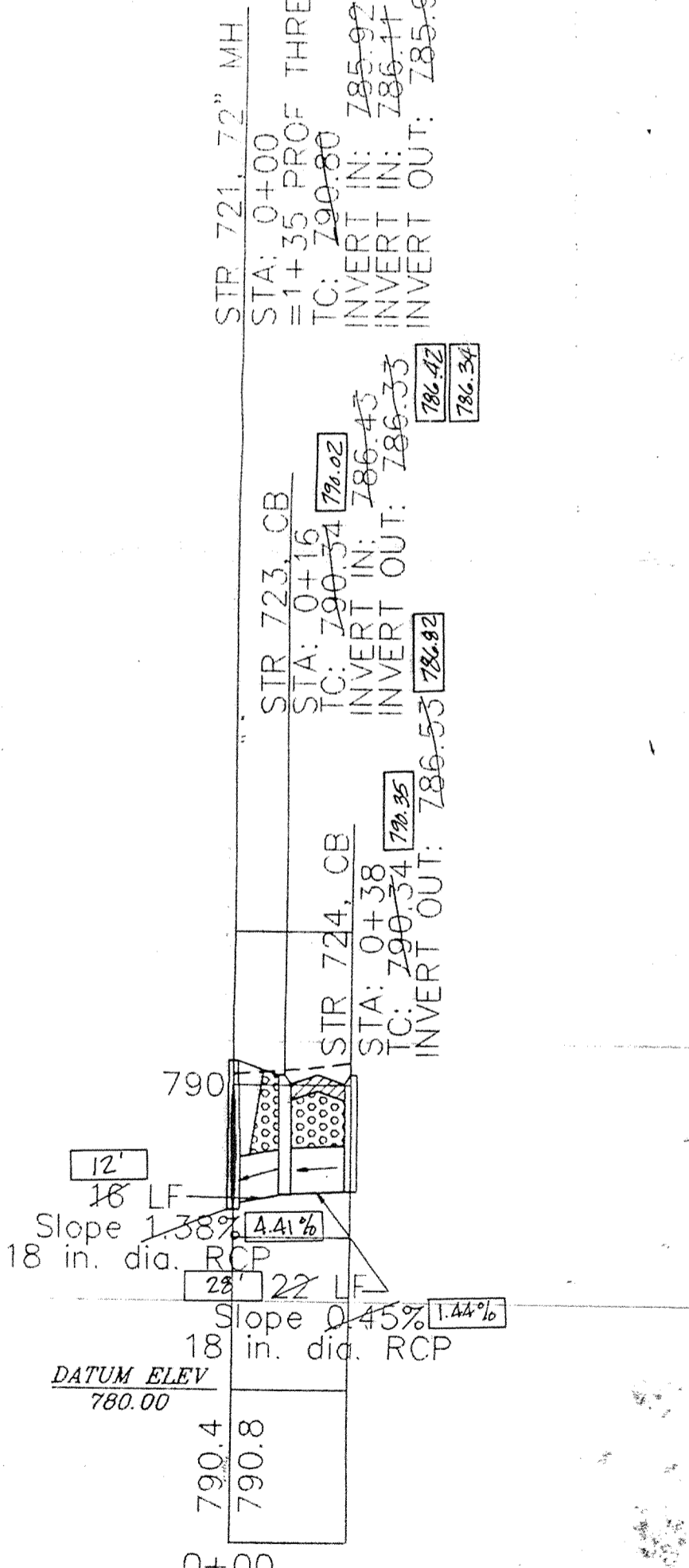
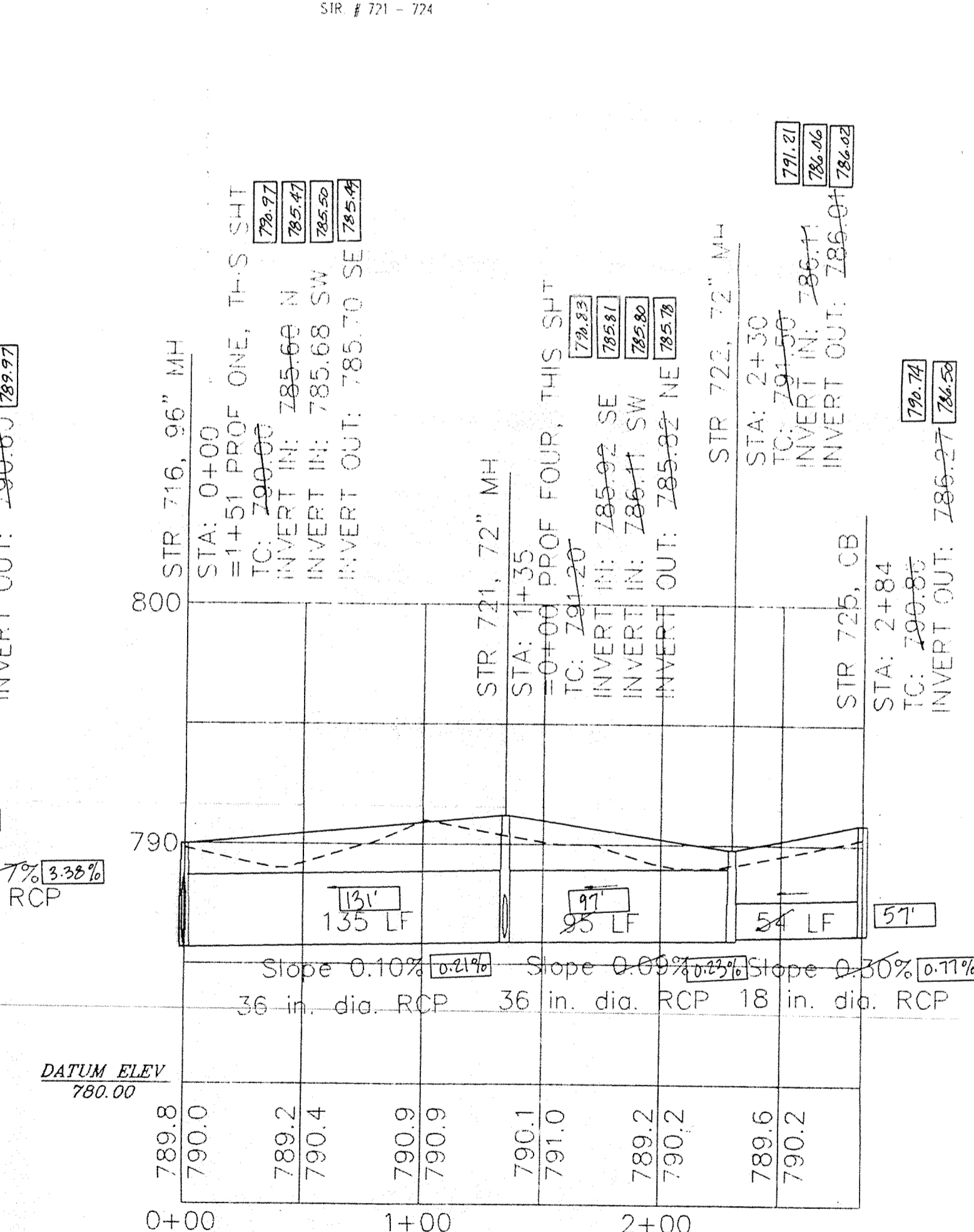
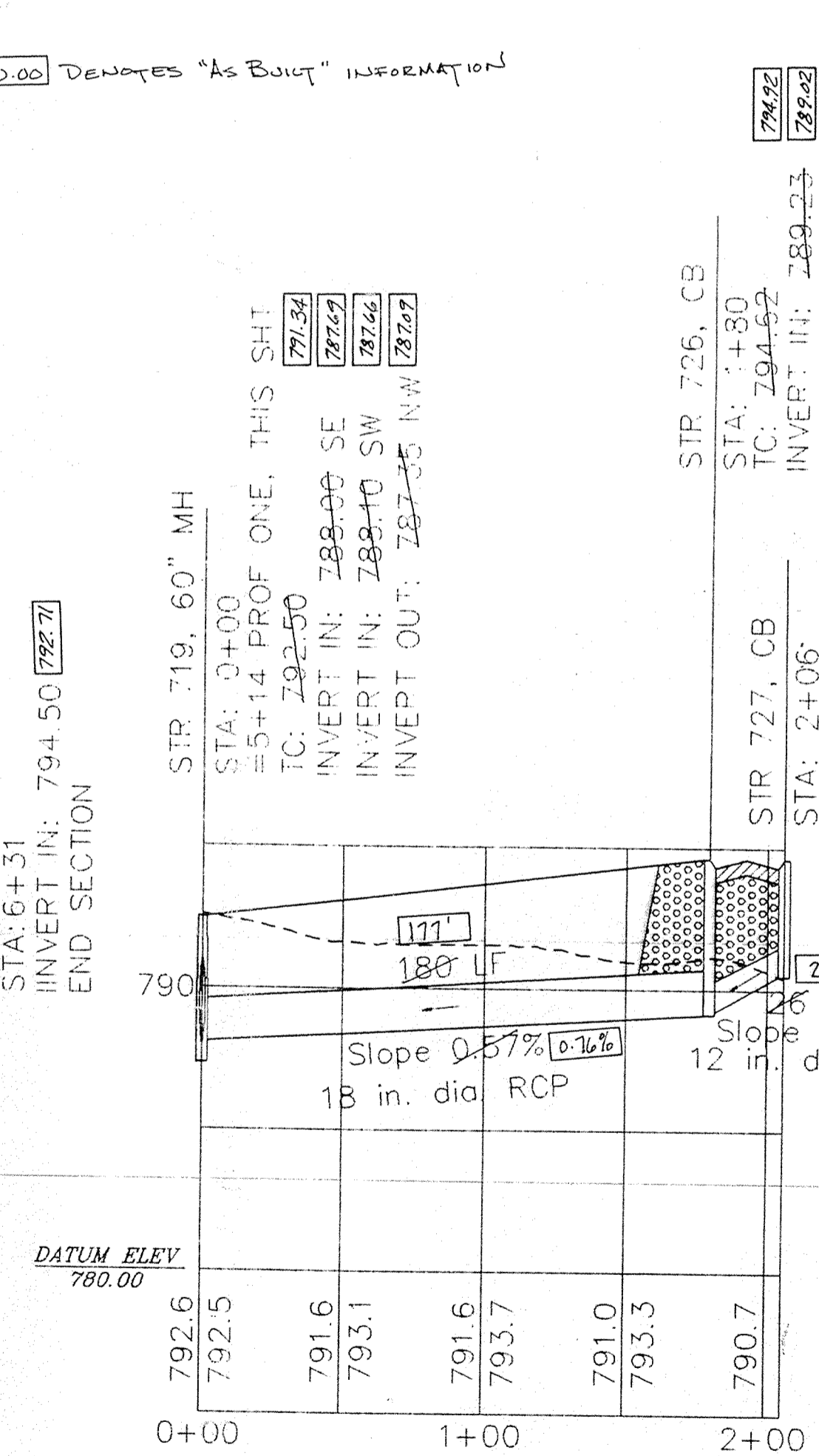
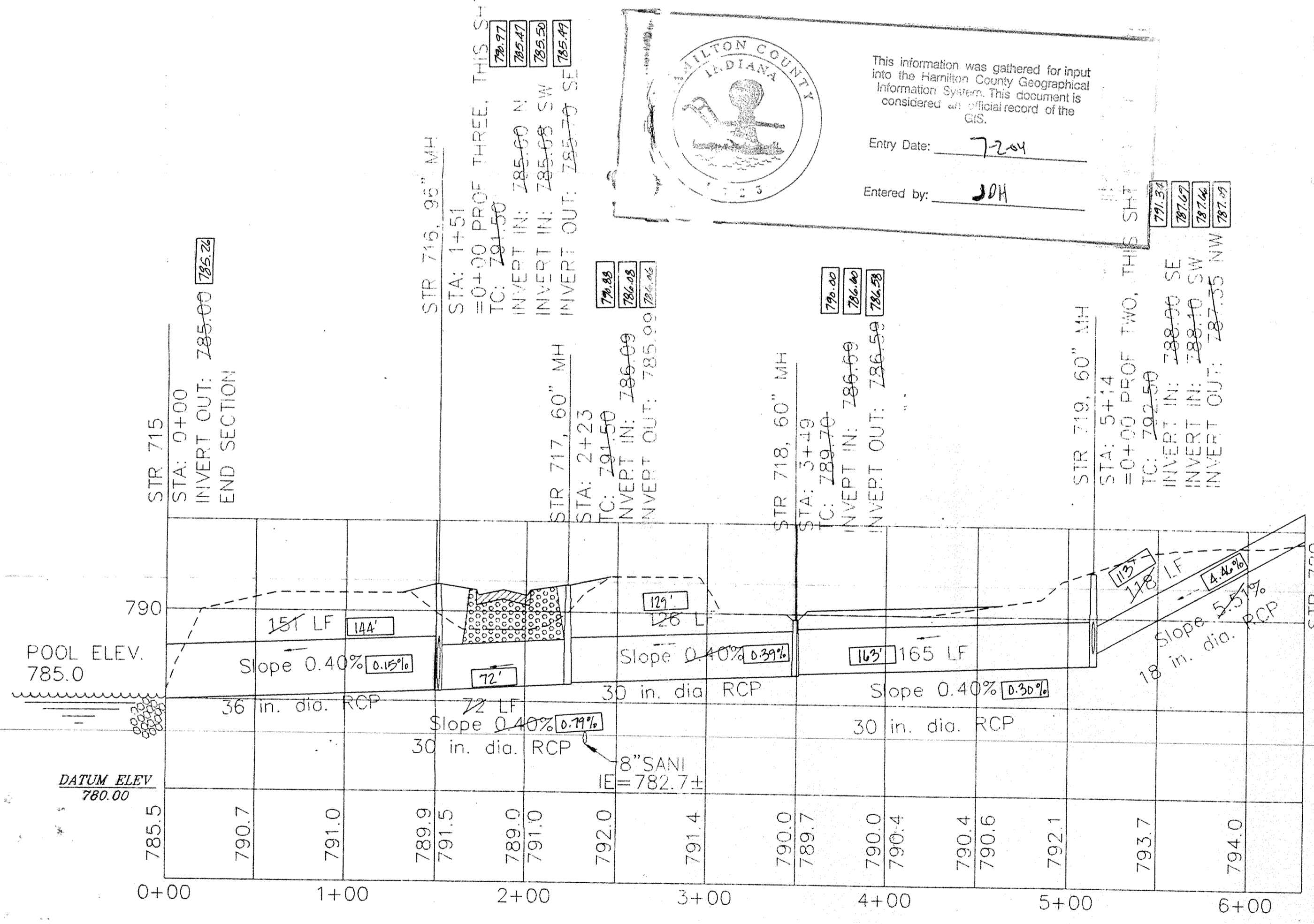
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FOR CALLS OUTSIDE OF INDIANA

CAUTION
LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, WELLS, AND MARKS MADE BY THE GROUND SURVEYOR) AND ARE SPECULATIVE IN NATURE. THERE MAY BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH THE EXACT LOCATION OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

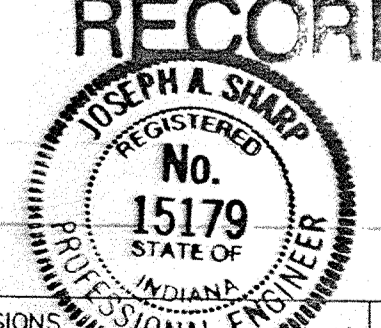


HAMILTON COUNTY INDIANA
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the City.
Entry Date: 7-24
Entered by: JAH

00.00 DENOTES "AS BUILT" INFORMATION



PROFILE ONE



PROFILE TWO

PROFILE THREE

PROFILE FOUR

RECORD DRAWING
Joseph A. Sharp
E. 2.3.95

PAUL I. CRIFE, INC.
7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 842-6777

- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

TECH SERVICES CHECK: DATE: _____

DATE: 10-10-94
SCALE: HORIZ: 1"=50'
VERT: 1"=5'

DRAWING TITLE: STORM SEWER PLAN & PROFILE

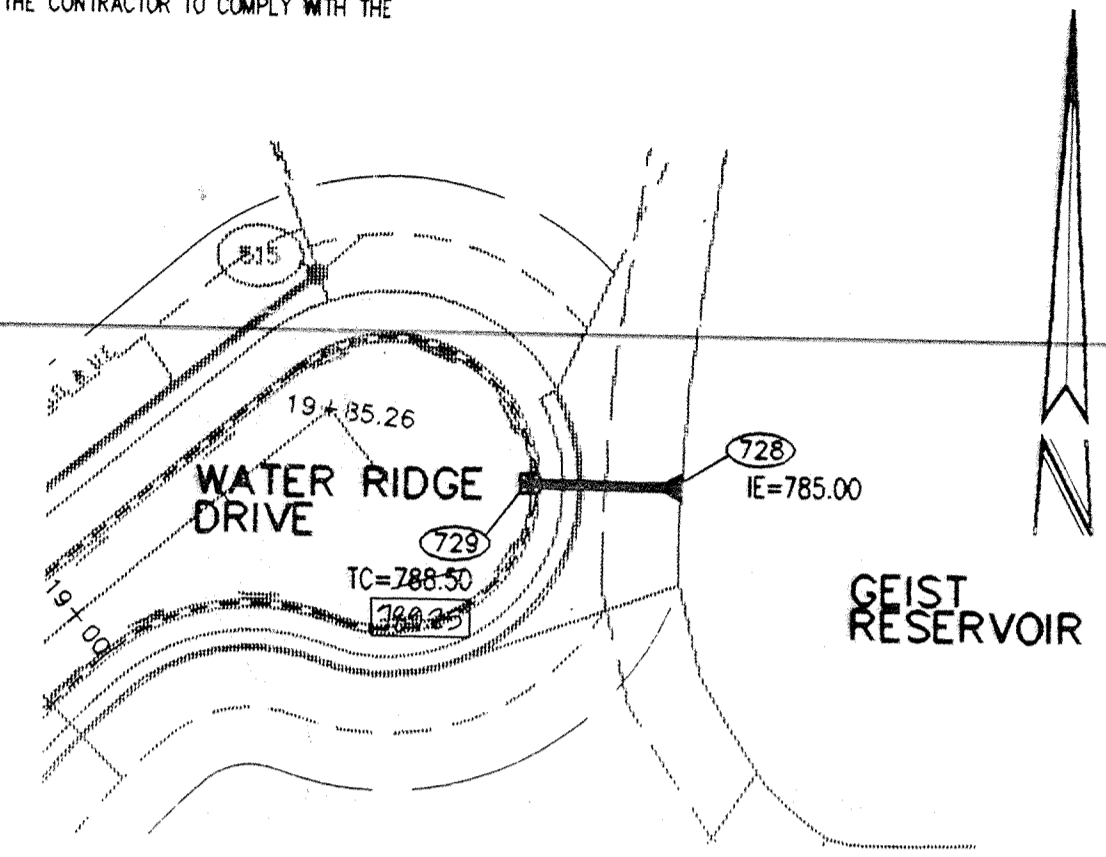
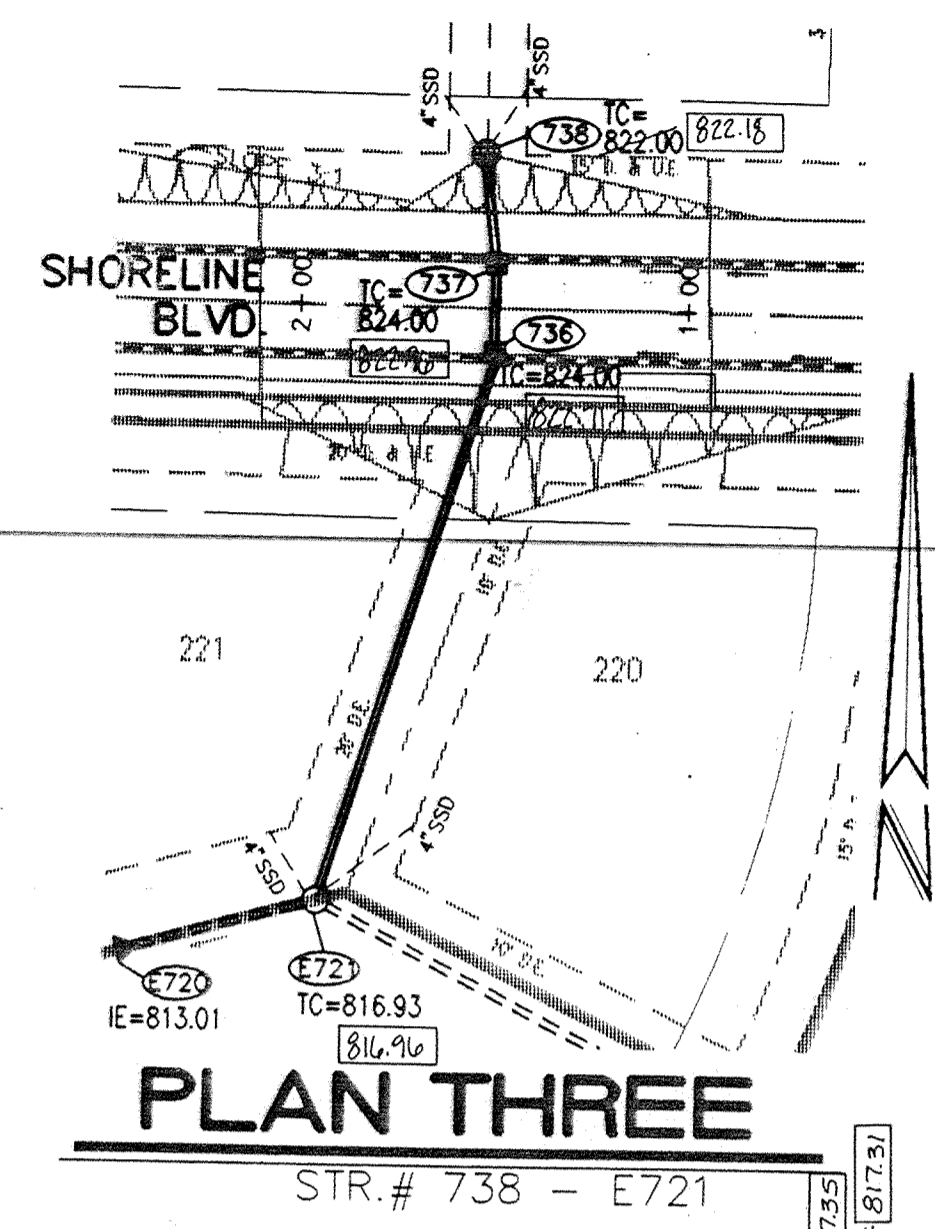
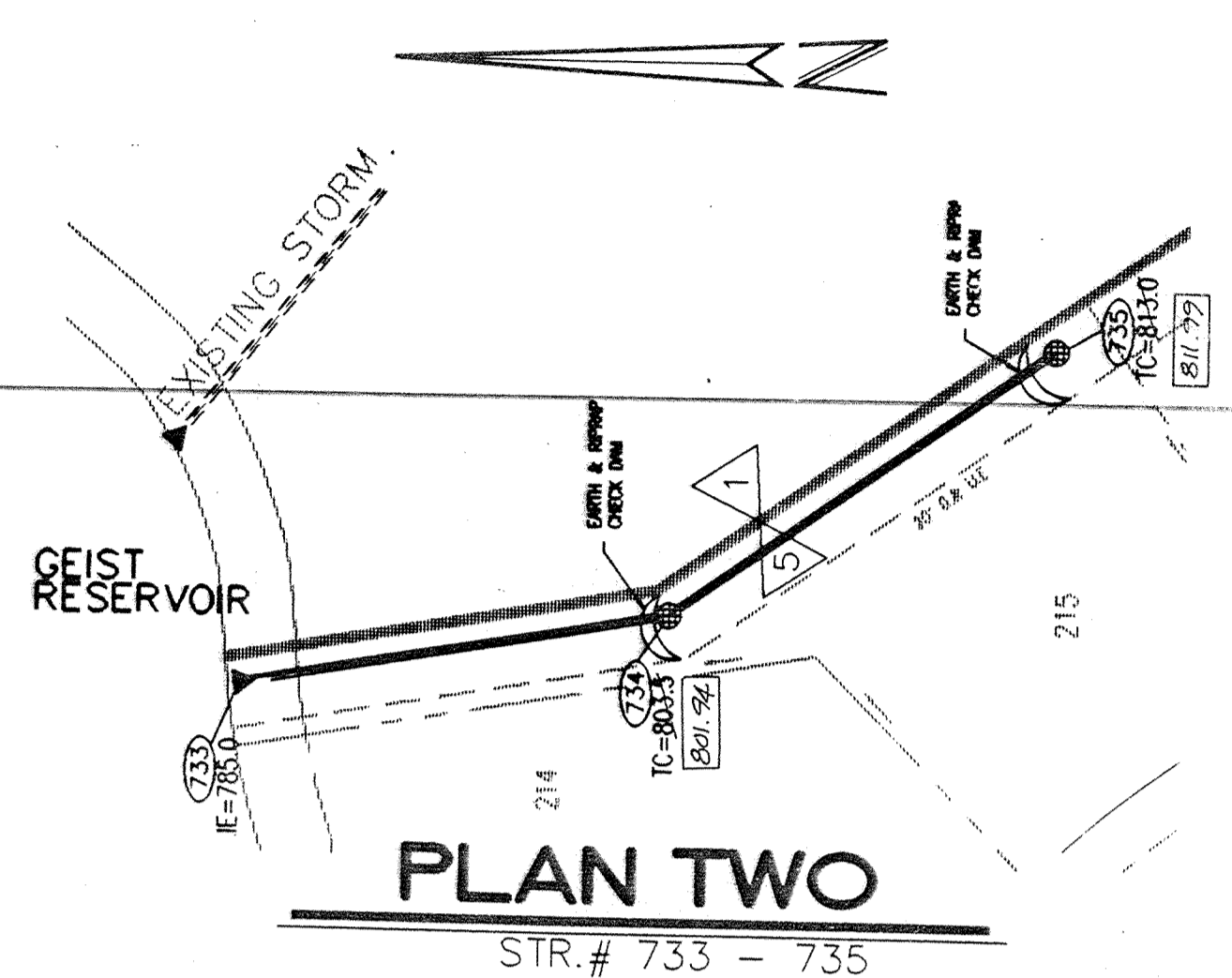
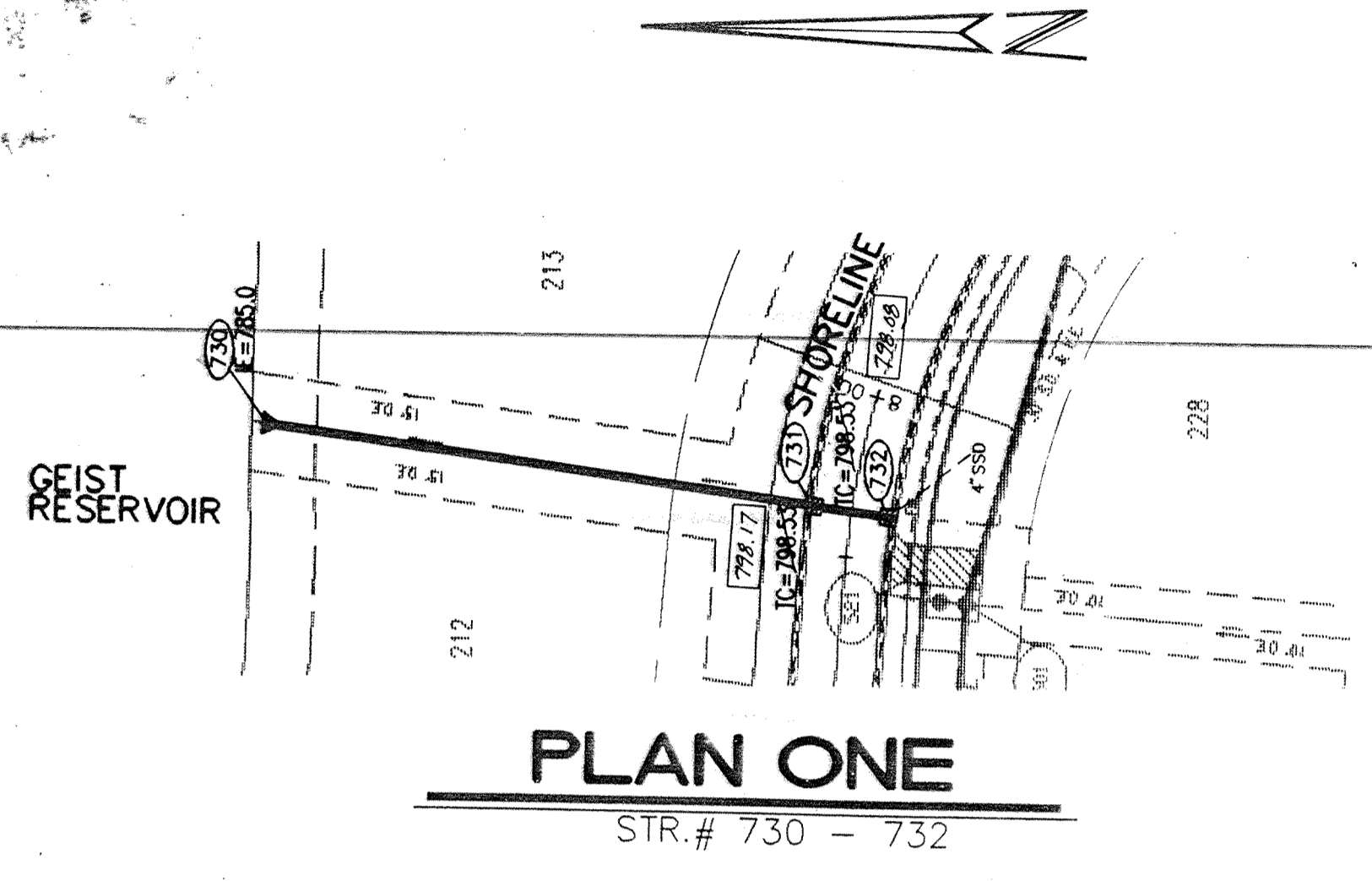
THE SPRINGS OF CAMBRIDGE SECTION FIVE

DWG. TYPE: FILE NUMBER: _____
JOB NUMBER: 81100-23100

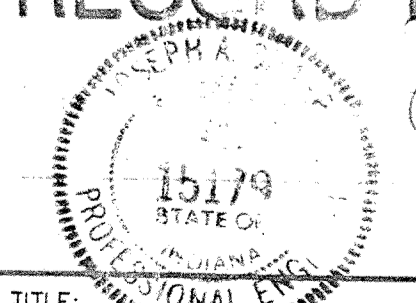
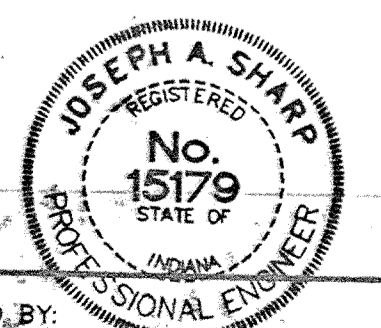
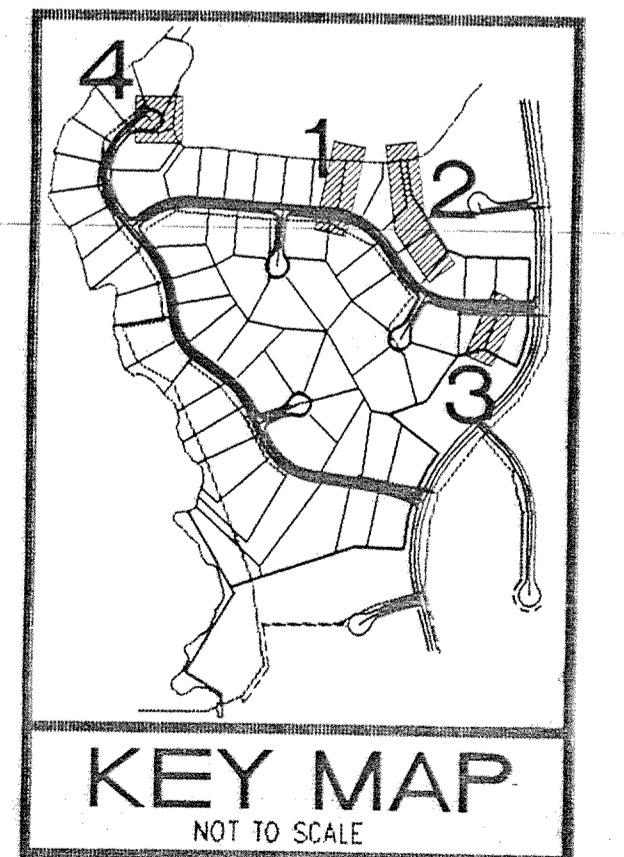
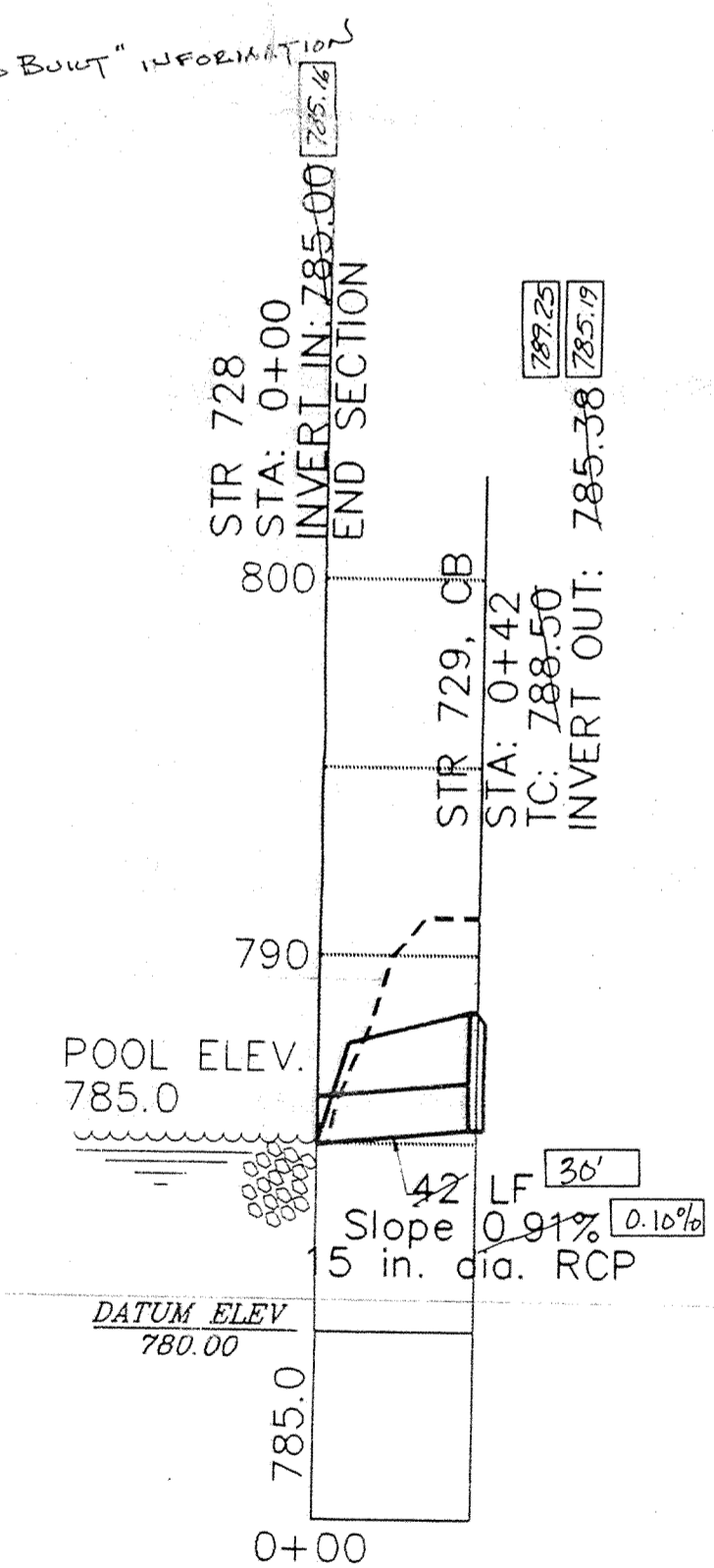
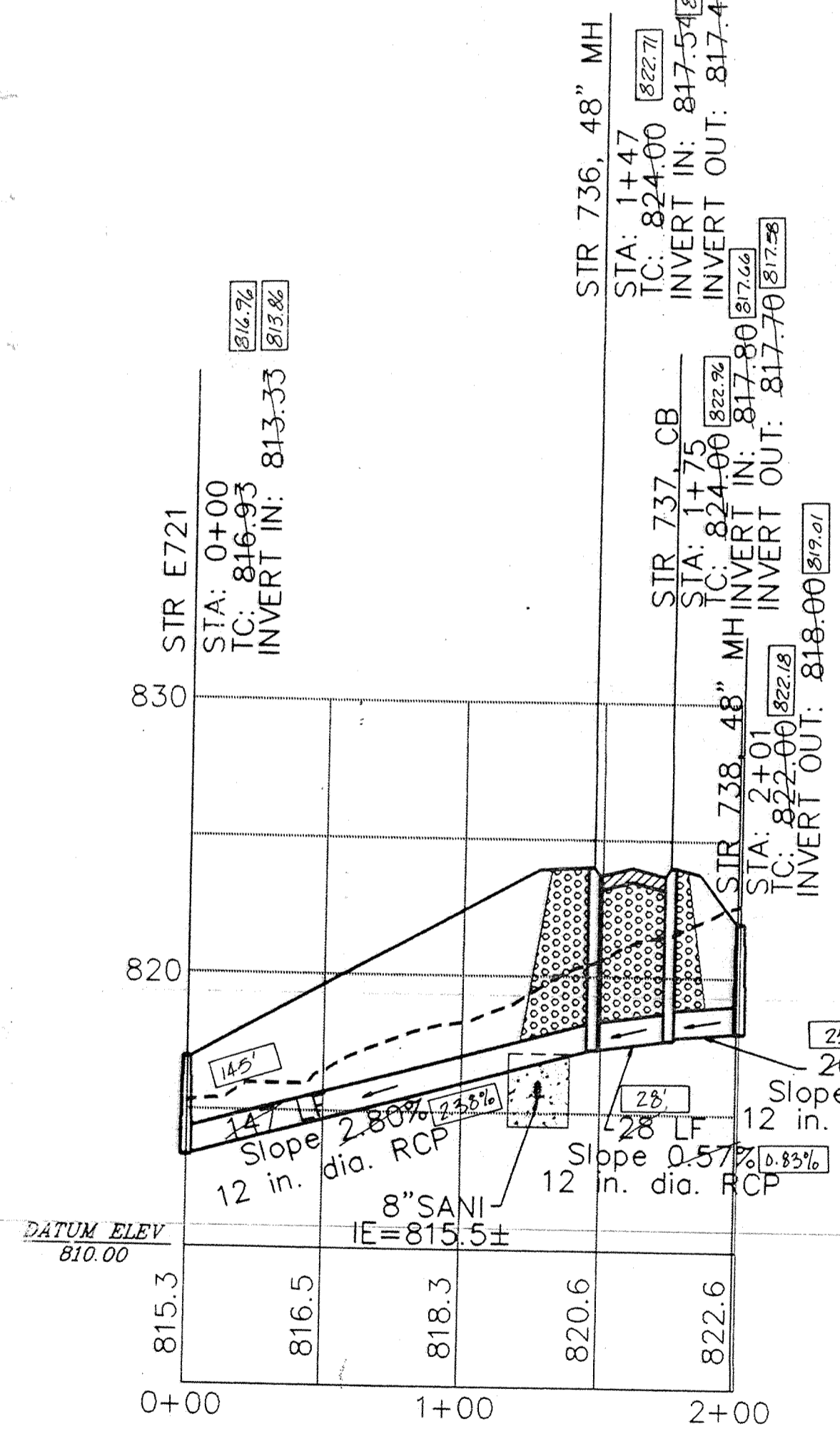
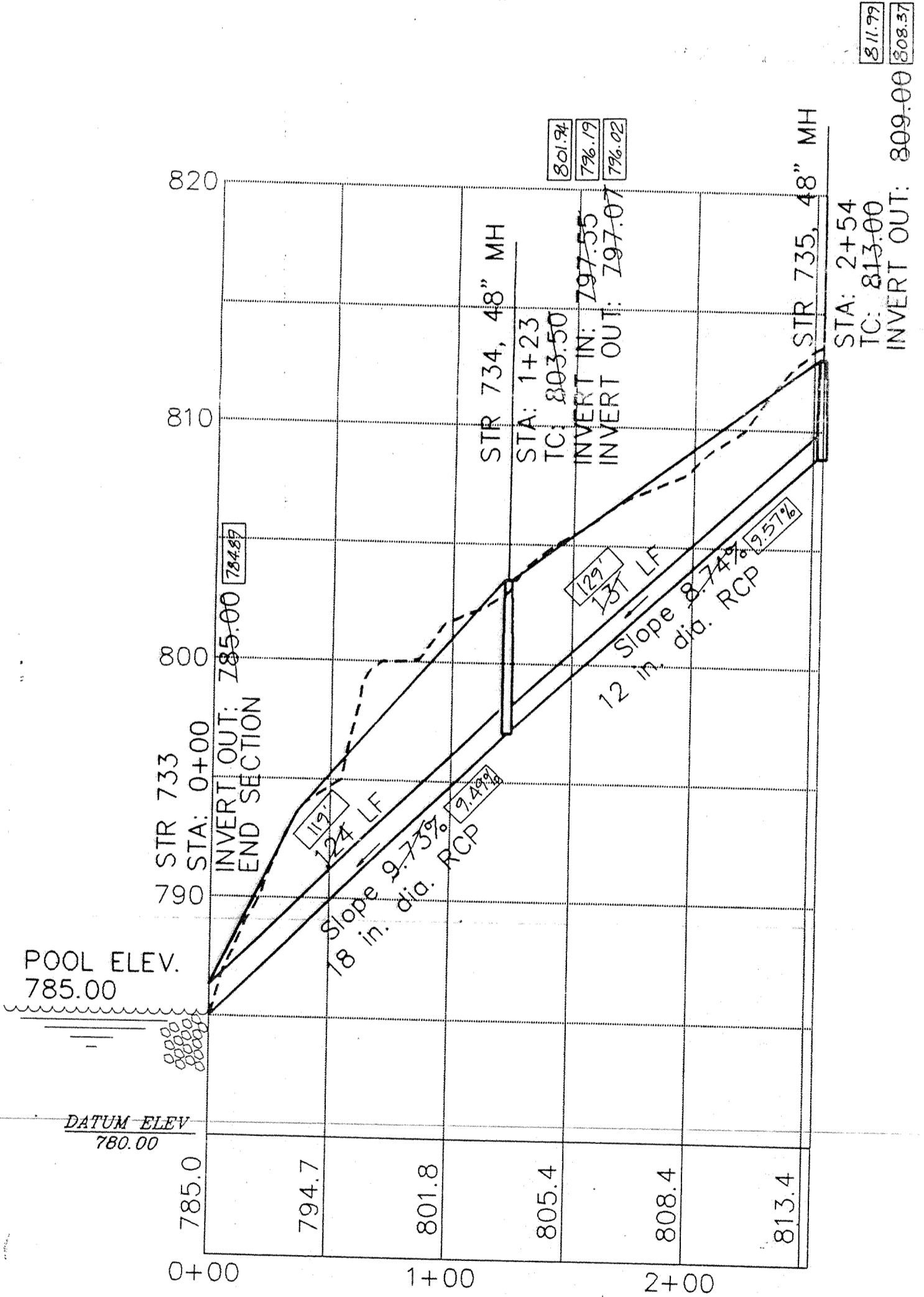
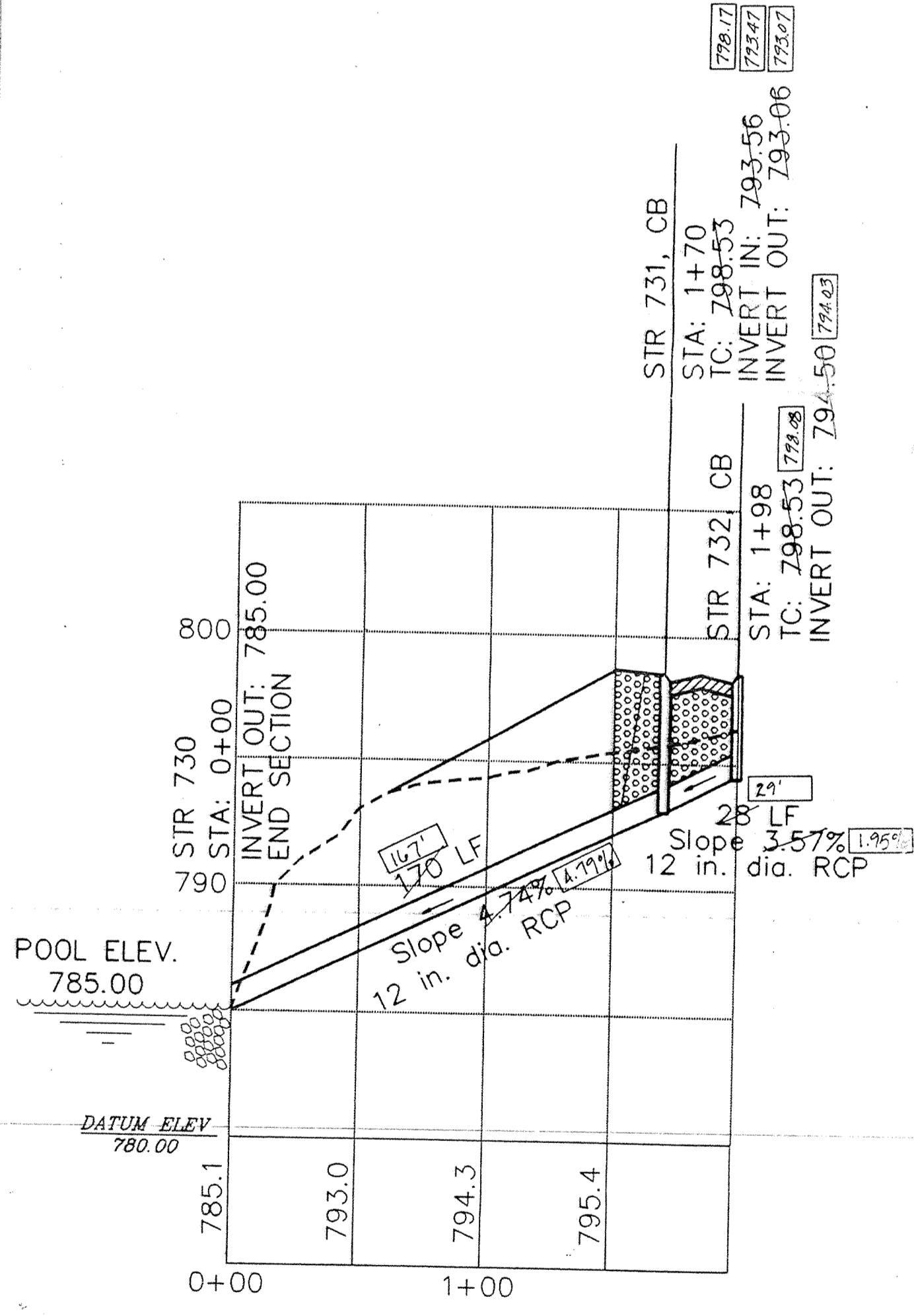
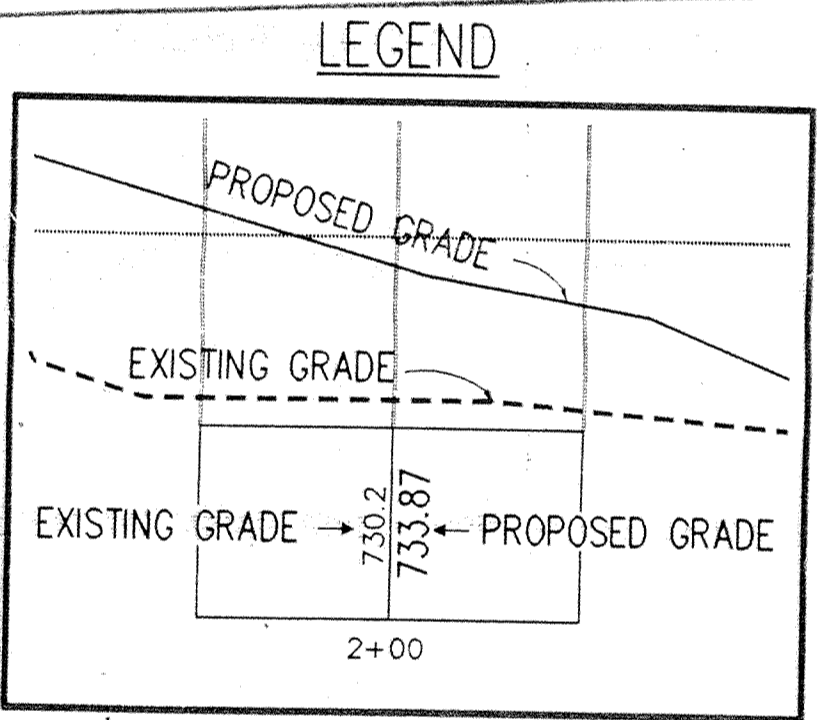
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Hamilton County, Indiana
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 Entry Date: 7-2-04
 Entered by: JOH



CERTIFIED BY:
 Joseph A. Sharp
 4-23-95 DATE

REVISIONS	REVISIONS
System "As Built" 08-23-95 EFG	

PAUL I. CRIFE, INC.
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• CIVIL ENGINEERING
 • LAND SURVEYING
 • ARCHITECTURE
 • LAND PLANNING

TECH SERVICES CHECK:
 DATE:

DATE: 10-10-94
 SCALE: HORZ. 1"=50'
 VERT. 1"=5'

DRAWING TITLE:
STORM SEWER PLAN & PROFILE

Joseph A. Sharp
 E. 2.3.95

THE SPRINGS OF CAMBRIDGE SECTION FIVE

DWG. TYPE	FILE NUMBER	SHEET:
		C704
JOB NUMBER		
81100-23100		