
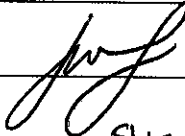


Drain: STULTZ & ALMOND **Drain #:** 45
Improvement/Arm: ESTATES OF CLAY WEST ARM
Operator: J. LIVINGSTON **Date:** 6-25-04
Drain Classification: Urban/Rural **Year Installed:** 2001

GIS Drain Input Checklist

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

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

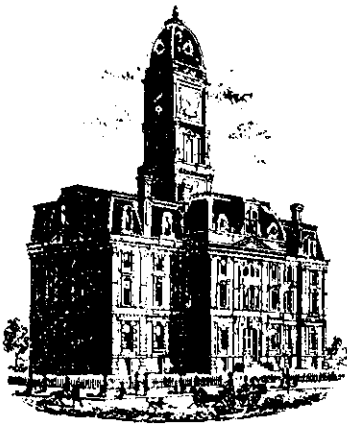
Drain-Improvement: Stultz & Almond - Estates at Clay West

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
SSD	6"	1190	1190	-		
RCP	12"	393	393	-		
	15"	986	986	-		
	18"	458	458	-		

Sum: 3027 3027 _____ _____

Final Report: 3027

Comments:



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

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

To: Hamilton County Drainage Board

January 24, 2001

Re: Stultz and Almond Drain, The Estates of Clay West Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Estates of Clay West Arm, Stultz and Almond Drain. 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	746 ft	15"	RCP	1,022 ft
12"	RCP	411 ft	18"	RCP	493 ft

The total length of the drain will be 2,672 feet.

The retention pond (lake) located in Block "A" is not to be considered part of the regulated drain. Only the inlet and outlet will be maintained as part of the regulated drain. The maintenance of the pond (lake) will be the responsibility of the Homeowners Association. The Board will however, retain jurisdiction for ensuring the storage volume for which the lake was designed will be retained. Thereby, allowing no fill or easement encroachments.

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 equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$30.00 per lot, \$15.00 per half lots, \$\$1.00 per acre for roadways, with a \$3.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$215.00.

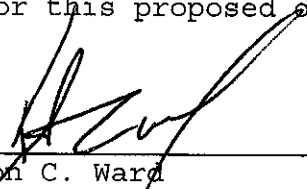
Parcels assessed for this drain may be assessed for the Osborne-Collins or Williams Creek Drains at sometime in the future.

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 designated 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 widths as shown on the secondary plat for The Estates of Clay West as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for February 26, 2001.

KCW/kkw



Kenton C. Ward
Hamilton County Surveyor

SUBDIVISION IMPROVEMENTS PERFORMANCE BOND

BOND NO: 886068S

KNOW ALL MEN BY THESE PRESENTS:

THAT we, PITTMAN PARTNERS, INC. as Principal, and DEVELOPERS SURETY AND INDEMNITY COMPANY, a corporation organized and doing business and under and by virtue of the laws of the State of Iowa and duly licensed to conduct surety business in the State of Indiana, as Surety, are held and firmly bound unto

BOARD OF COMMISSIONERS, HAMILTON COUNTY, ONE HAMILTON SQUARE,
NOBLESVILLE, IN 46060

as Obligee, in the sum of Twenty Thousand and no/100 Dollars, (\$ 20,000.00) for which payment, well and truly to be made, we bind ourselves, our heirs, executors and successors, jointly and severally firmly by these presents.

THE CONDITION OF THE OBLIGATION IS SUCH THAT:

WHEREAS, the above named Principal, has agreed to construct in The Estates of Clay West Subdivision, City of Carmel, Indiana the following improvements: Erosion Control

NOW, THEREFORE, the condition of this obligation is such, that if the above Principal shall well and truly perform said agreement or agreements during the original term thereof or of any extension of said term that may be granted by the Obligee with or without notice to the Surety, this obligation shall be void, otherwise it shall remain in full force and effect.

IN WITNESS WHEREOF, the seal and signature of said Principal is hereto affixed and the corporate seal and the name of the said Surety is hereto affixed and attested by its duly authorized Attorney-in-Fact, this 29th Day of November 2000.

BOARD OF COMMISSIONERS
OF THE COUNTY OF HAMILTON

[Signature]
[Signature]
[Signature]

DATE 12/26/00

RELEASE OF FINANCIAL STATEMENTS
RELEASE OF LETTER OF CREDIT

HAMILTON COUNTY BOARD OF COMMISSIONERS

BY: [Signature]
BY: [Signature]
BY: [Signature]

Pittman Partners, Inc.

Principal

BY: [Signature]

Steve Pittman,

President

DEVELOPERS SURETY AND INDEMNITY COMPANY

BY: [Signature]

Howard E. McConnell

Attorney-in-Fact

EST: [Signature]

ATTEST: [Signature]
HAMILTON COUNTY AUDITOR

SUBDIVISION IMPROVEMENTS PERFORMANCE BOND

BOND NO: 886067S

KNOW ALL MEN BY THESE PRESENTS:

THAT we, PITTMAN PARTNERS, INC. as Principal, and DEVELOPERS SURETY AND INDEMNITY COMPANY, a corporation organized and doing business and under and by virtue of the laws of the State of Iowa and duly licensed to conduct surety business in the State of Indiana, as Surety, are held and firmly bound unto

BOARD OF COMMISSIONERS, HAMILTON COUNTY, ONE HAMILTON SQUARE, NOBLESVILLE, IN 46060

as Obligee, in the sum of One hundred twenty two thousand and no/100 Dollars, (\$ 122,000.00) for which payment, well and truly to be made, we bind ourselves, our heirs, executors and successors, jointly and severally firmly by these presents.

THE CONDITION OF THE OBLIGATION IS SUCH THAT:

WHEREAS, the above named Principal, has agreed to construct in The Estates of Clay West Subdivision, City of Carmel, Indiana following improvements: Storm Sewers & Sub-Surface Drains the

NOW, THEREFORE, the condition of this obligation is such, that if the above Principal shall well and truly perform said agreement or agreements during the original term thereof or of any extension of said term that may be granted by the Obligee with or without notice to the Surety, this obligation shall be void, otherwise it shall remain in full force and effect.

IN WITNESS WHEREOF, the seal and signature of said Principal is hereto affixed and the corporate seal and the name of the said Surety is hereto affixed and attested by its duly authorized Attorney-in-Fact, this 29th Day of November 2000.

BOARD OF COMMISSIONERS
OF THE COUNTY OF HAMILTON

[Signature]
[Signature]
[Signature]

DATE 12/26/00

RELEASE OF MAINTENANCE/PERFORMANCE BOND
RELEASE OF LETTER OF CREDIT

HAMILTON COUNTY BOARD OF COMMISSIONERS

BY: [Signature]
BY: [Signature]
BY: [Signature]

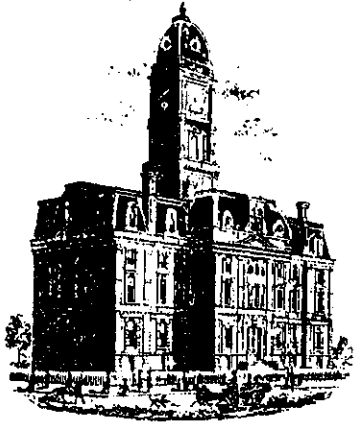
Pittman Partners, Inc.

BY: [Signature] Principal
Steve Pittman, President

DEVELOPERS SURETY AND INDEMNITY COMPANY

BY: [Signature]
Howard E. McConnell Attorney-in-Fact

ATTEST: [Signature]



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

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

October 9, 2002

Pittman Partners
P. O. Box 554
Carmel, IN 46032

Re: The Estates of Clay West

This letter is returning the enclosed sureties that were released by the Hamilton County Board of Commissioners during their meeting on September 23, 2002.

HCDB-B00-042 – Developers Surety and Indemnity Company, Performance Bond No. 886067S for The Estates of Clay West – Storm Sewers and Subsurface Drain - \$122,000.00.

HCDB-B01-003A – Developers Surety and Indemnity Company, Performance Bond No. 886068S for The Estates of Clay West – Erosion Control - \$20,000.00

Accompanying this letter you will find the released sureties.

Sincerely,

Jerry L. Liston
Hamilton County Surveyor's Office.

JLL/llm

**GASB 34 Calculations
Estates at Clay West**

Total Bond Amount: \$142,000

Stultz & Almond: 3027ft

Elliot Creek: 9322ft

Total length: 12349ft

Stultz & Almond = $25\%(142,000) = \$35,500.00$

Elliot Creek = $75\%(142,000) = \$106,500.00$

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: The Estates at West Clay

I hereby certify that:

1. I am a Registered Land Surveyor or Engineer in the State of Indiana.
2. I am familiar with the plans and specifications for the above referenced project.
3. I have personally observed and supervised the completion of the drainage facilities for the above referenced project.
4. The drainage facilities within the above referenced project to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications, *except the pipe between structures 716 and 717.*

Signature: *Gary E. Murray* Date: *10/03/02*

Type or Print Name: Gary Murray, P.E.

Business Name: Paul J. Cripe, Inc.

Business Address: 7172 Graham Rd.
Indianapolis IN 46250

Telephone Number: 317-842-6777

INDIANA REGISTRATION NUMBER

93000348



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor
 Phone (317) 776-8495
 Fax (317) 776-9628

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

To: Hamilton County Drainage Board

July 9, 2004

Re: Stultz-Almond Drain: The Estates at Clay West Arm

Attached are as-builts, certificate of completion & compliance, and other information for The Estates at Clay West. 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 January 24, 2001. The report was approved by the Board at the hearing held February 26, 2001. (See Drainage Board Minutes Book 5, Pages 575-577) The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
739		886.7				
740	890.42	887.67	15	220	230	10
740	890.42	886.7				
741	892.22	888.47	12	49	54	5
741	892.22	887.68				
742	892.12	888.67	12	22	26	4
743		884.79				
744	887.73	884.96	18	50	63	13
744	887.73	884.79				
745	890.14	885.64	18	179	178	1
745	890.14	884.97				
746	892.23	886.35	18	175	177	2
746	892.23	885.69				
747		886.77	18	54	75	21
738	892.15					
737	892.14	888.75	12	22	26	4
737	892.14	888.4				
736	892.87	888.34	15	70	75	5
736	892.87	888.08				
735		888.02	15	218	228	10
734	894.39					
733	892.15	891.27	12	300	305	5

732	890.42	889.12	15	405	410	5
732	890.42	887.42				
731		887.41	15	73	79	6

6" SSD Streets:

W. Sherbern	595
x2	

Total: 1190

RCP Pipe Totals:

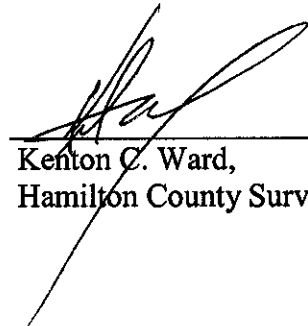
12	393
15	986
18	458

The length of the drain due to the changes described above is now **3,027 feet**.

The non-enforcement was approved by the Board at its meeting on February 26, 2001 and recorded under instrument #200200027371 and #200200027372. The bonds or letters of credit from Developers Surety and Indemnity Co, number 886067S and 886068S; dated November 29, 2001; in the amounts of \$122,000 and \$20,000; were released September 23, 2002.

I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

OWNER/DEVELOPER

THE RESERVE AT SPRING MILL, L.P.

STEVE PITTMAN

P.O. BOX 554
CARMEL, IN 46032

Ph. (317) - 580-9693 FAX (317) - 580-9786

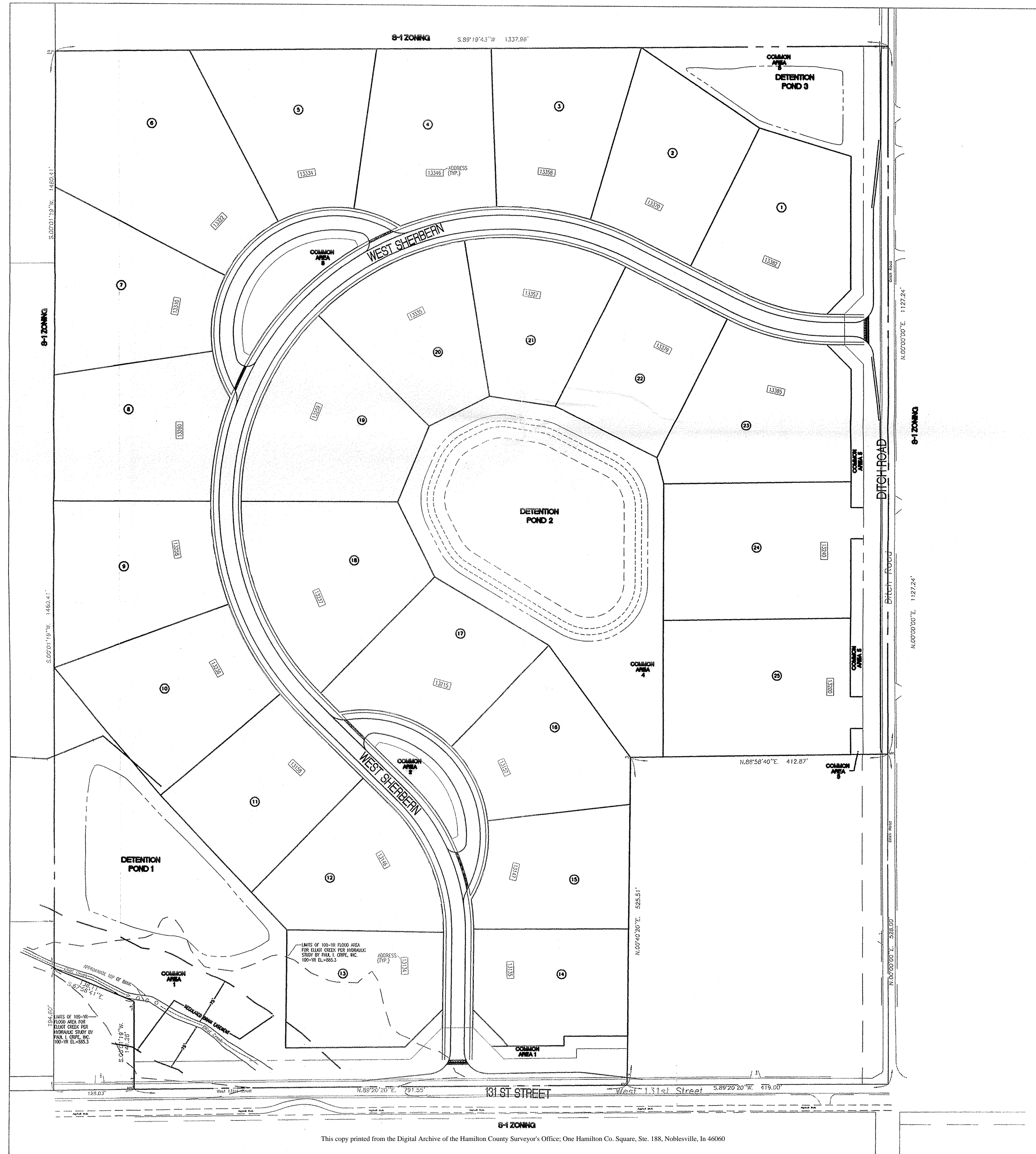
AS-BUILT PLANS FOR THE ESTATES OF CLAY WEST

PROJECT DATA

PRESENT ZONING S-1 (1.0)
 STREET LENGTH = 0.63 MILES
 STREET DESIGN SPEED = 25 MPH
 TOTAL ACREAGE = 45.32 Ac.
 MAXIMUM NUMBER OF LOTS ALLOWED PER ZONING = 1.0(45.32) = 45.32 => 45
 TOTAL LOTS PER PLAT = 25 LOTS
 TOTAL LOT ACREAGE = 31.27 Ac.
 MINIMUM OPEN SPACE REQUIREMENT (20% OF TOTAL ACREAGE) =
 = 0.20 x 45.32 Ac. = 9.06 Ac.
 TOTAL COMMON AREA ACREAGE = 8.56 Ac.
 TOTAL POND AREA = 3.66 Ac.
 TOTAL OPEN SPACE ACREAGE PROVIDED = 8.56 Ac. (18.9%)
 (INCLUDING 3.66 Ac. OF PONDS)

INDEX

SHT	DESCRIPTION
CS	COVER SHEET
	SITE PLAN W/ AS-BUILT STORAGE VOLUMES
C501	SANITARY PLAN & PROFILES
C502	SANITARY PLAN & PROFILES
C503	SANITARY PLAN & PROFILES
C504	SANITARY PLAN & PROFILES
C701	STORM SEWER PLAN & PROFILES
C702	STORM SEWER PLAN & PROFILES
C703	STORM SEWER PLAN & PROFILES
C704	STORM SEWER PLAN & PROFILES



FILED
 OCT 04 2002
 OFFICE OF HAMILTON COUNTY SURVEYOR

BENCHMARKS

PROJECT: DNR BM HAM 62
 Located at the West 131st Street bridge over Williams Creek. Set in the top of the northeast concrete wingwall of the bridge, 13.5 feet north of the centerline of West 131st St., 1.1 feet southwest from the northeast end of wingwall, level with the roadway, a Department of Natural Resources control station tablet stamped "HAM 62 1989".
 ELEVATION = 861.783 (NGVD 1929)

SITE: TEMPORARY BENCHMARK
 A railroad spike in a power pole at the northwest corner of 131st Street and Ditch Road.
 ELEVATION = 890.44

CONTACT CO. / PERSON FOR

NAME	PHONE NO.	FAX NO.
OWNER THE RESERVE AT SPRING MILL, L.P.	317-580-9693	317-580-9786
PS LARRY CASSETER	317-581-3848	317-581-3831
INDIANA GAS MARK RIGGS	317-776-5597	317-776-5553
AMERITECH ERIC MASON	317-252-4274	317-252-5000
HAMILTON WESTERN JOHN O'MAHONY	317-818-6403	317-776-9628
COUNTY SURVEYOR KENT WARD	317-776-8495	317-571-2462
CARREL DOCS TERRY JONES	317-571-2417	317-571-2462
CARREL ENGINEER KATE BOYLE-WEISE	317-571-2441	317-571-2439
HAMILTON COUNTY SCS JOHN SOUTH	317-773-1432	317-776-1101
CLAY TOWNSHIP REG WASTE JAY ALLEY	317-844-9200	317-844-9203



PAUL I. CRUPE TEAM 317-842-6777 FAX-841-4798

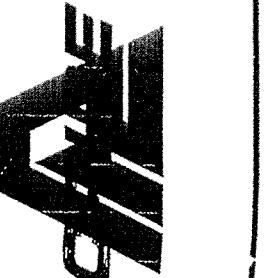
PROJECT MGR	RICH KELLY	EXT. NO.
PROJECT ENGR	RICK RADABAUGH	662
PROJECT ENGR	MARK LOTT	676
PROJECT LAND PLANNER		
QUALITY ASSURANCE	TOM SCHELLENBERGER	622

DWG. TYPE	FILE NUMBER

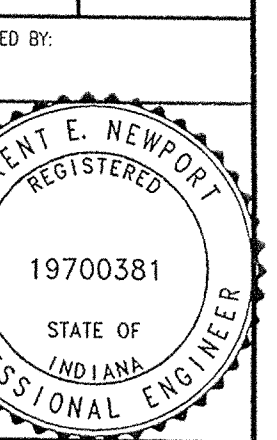
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
 Entry Date: 9-15-03
 Entered by: J.E.S.

- ARCHITECTURE
- LANDSCAPE ARCHITECTURE
- LAND PLANNING
- LAND SURVEYORS
- CONSULTANTS
- TRANSPORTATION ENGINEERS
- GIS

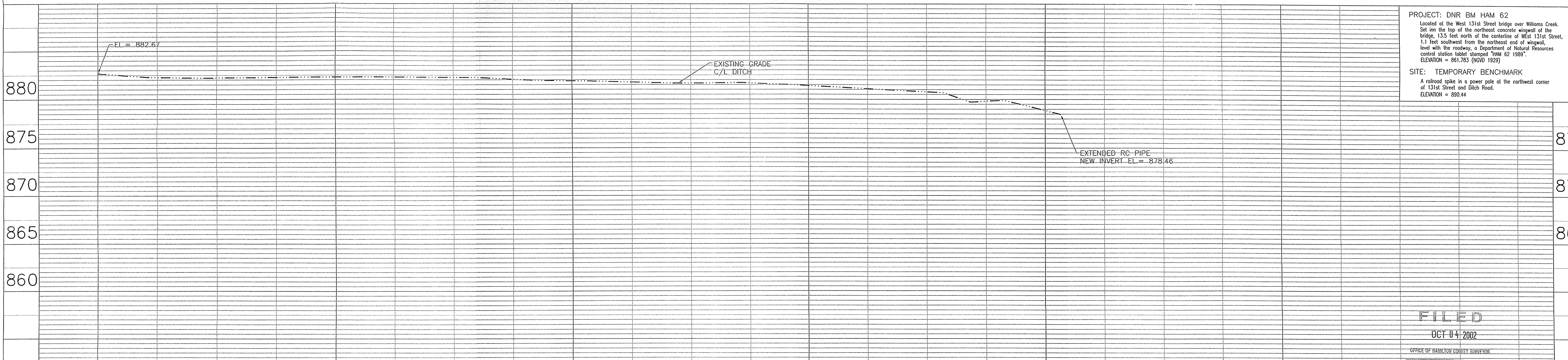
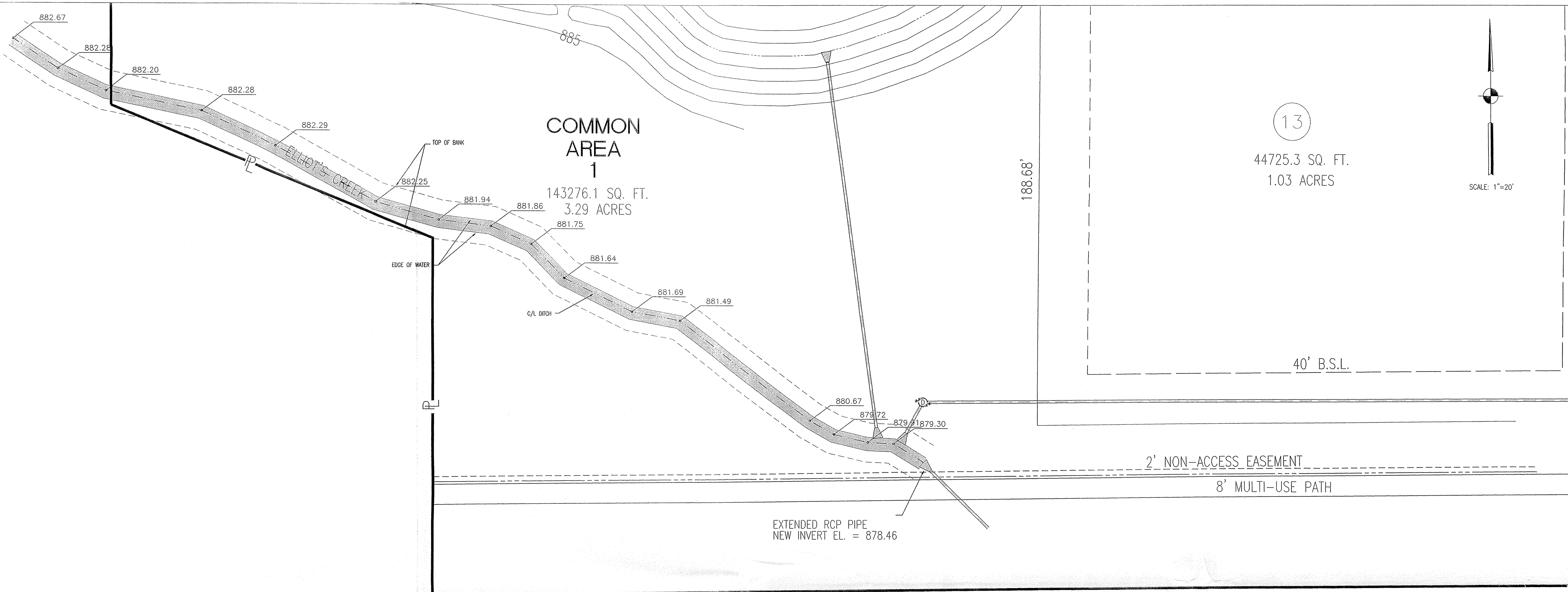
7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 (317) 842-6777 FAX (317) 841-4798
 E-Mail picripe@picripe.com



COVER SHEET
 THE ESTATES OF CLAY WEST
 THE RESERVE AT SPRING MILL, L.P.
 PO BOX 554
 CARMEL, INDIANA 46082
 PHONE: (317)-580-9693 FAX: (317)-580-9786



Drawn By:
 Checked By:
 Quality Assurance:
 Scale: 0 1" = 100'
 Sheet:
 Date: 09-01-00
 Project Number: 000389-20000



PROJECT: DNR BM HAM 62
 Located at the West 131st Street bridge over Williams Creek. Set in the top of the northeast concrete wingwall of the bridge, 13.5 feet north of the centerline of West 131st Street, 1.1 feet southwest from the northeast end of wingwall, level with the roadway, a Department of Natural Resources control station marked stamped "HAM 62 1989". ELEVATION = 861.783 (NOV 1929)

SITE: TEMPORARY BENCHMARK
 A railroad spike in a power pole at the northwest corner of 131st Street and Ditch Road. ELEVATION = 890.44

NO.		DATE		REVISIONS		BY		APPR.	
3									
2									
1									

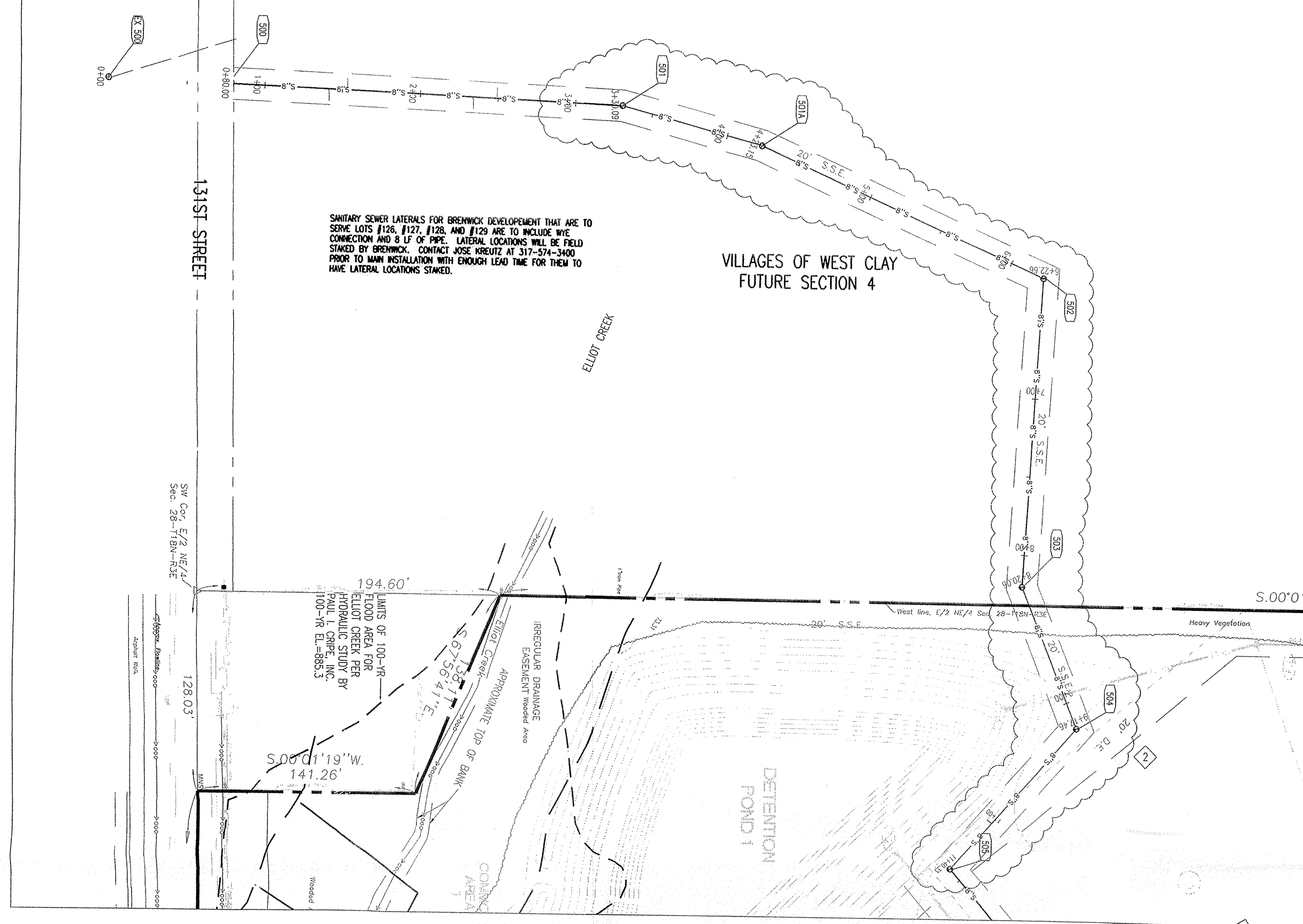
PLAN AND PROFILE

ELLIOT'S CREEK

JOB NO.	DRAWN	JAN	CHECKED	TEN
DATE	DESIGNED	TEN	APPROVED	WEC
DECEMBER, 2000				

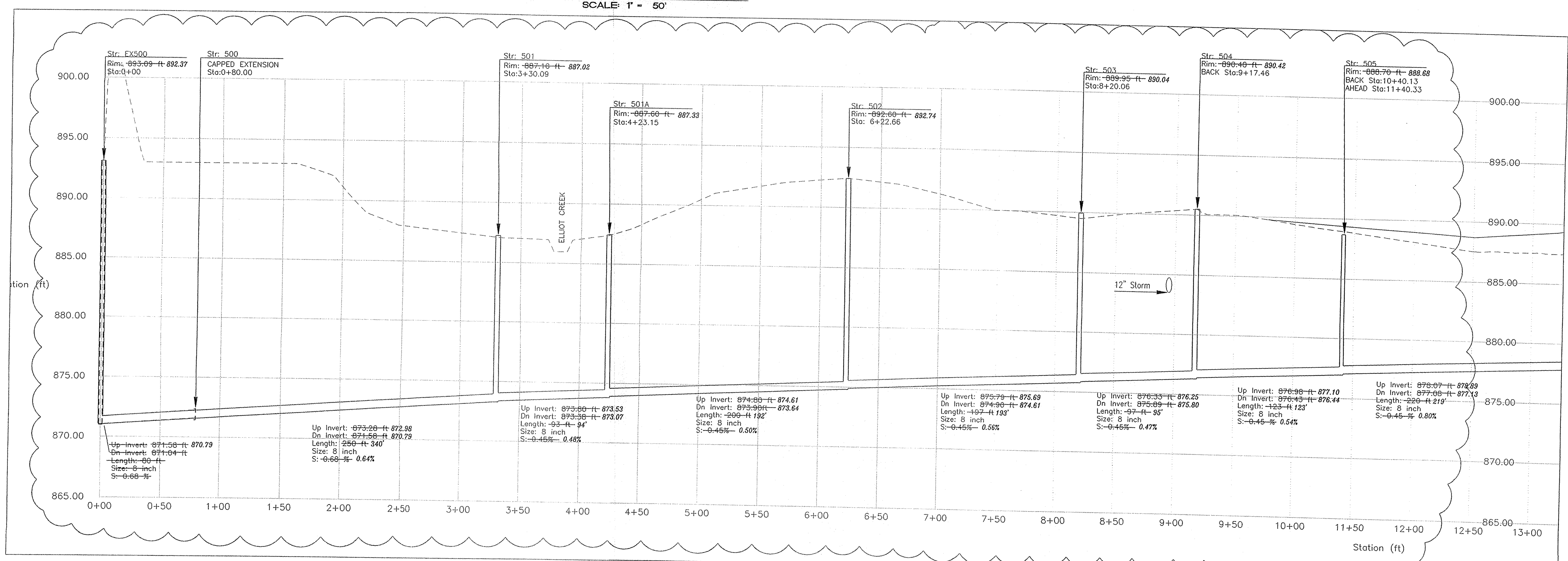
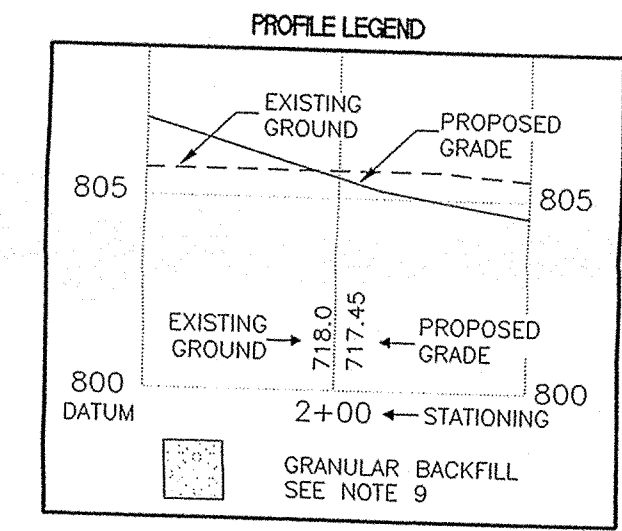
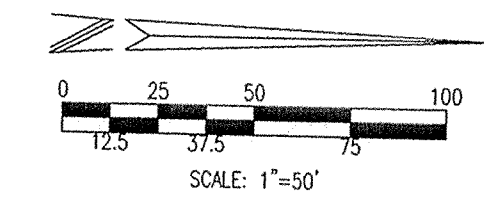
SHEET 1 OF 1

REFERENCES: USER: XX ALL
 USER SETTINGS: C:\Users\jnewfort\Documents\Projects\2000\2000-00-09-25-500\JUN
 PROJECT PATH: C:\Users\jnewfort\Documents\Projects\2000\2000-00-09-25-500\JUN
 PROJECT NAME: 2000-00-09-25-500



PLAN EX500 - 505
SCALE: 1" = 50'

- SANITARY SEWER PLAN AND PROFILE NOTES**
- 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.
 - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS, STEPS AND PIPE CONNECTIONS WELL GROUTED, TROWELED SMOOTH AND BRUSH FINISHED.
 - ALL STRUCTURES (E. MANHOLES, INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCHWALLS SHALL BE TROWELED SMOOTH AND BRUSH FINISHED.
 - FIELD ADJUSTMENTS OF TOP OF CASTING (T.O.C.) OF STRUCTURES MAY BE REQUIRED TO MEET FIELD CONDITIONS. ADJUSTMENTS EXCEEDING FIVE TENTHS (0.5) OF A FOOT MUST BE APPROVED BY THE DESIGNER.
 - THE CONTRACTOR WILL BE REQUIRED TO PROVIDE AS-BUILT DRAWINGS TO THE ACCEPTING AGENCY TO VERIFY THE ELEVATION AND SLOPE OF SANITARY SEWERS. SEWERS INSTALLED AT A GRADE LESS THAN REQUIRED BY THE AGENCY WILL NOT BE ACCEPTED. THE CONTRACTOR SHALL PROVIDE FOR PERIODIC AS-BUILT CHECKS ON THE SEWER DURING CONSTRUCTION TO ASSURE THAT DESIGN GRADE IS BEING MAINTAINED.
 - CONTRACTOR SHALL VERIFY LOCATION & INVERT ELEVATIONS OF EXISTING SANITARY SEWER PRIOR TO START OF CONSTRUCTION.
 - ALL SANITARY MANHOLE CASTINGS SHALL BE: NEEDHAM R-1642-SP OR EQUAL WITH CONCEALED FIX HOLE.
 - FULL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN FIVE (5) FEET OF ALL PAVED AREAS, INCLUDE CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
 - EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT ACTUAL RECORDED INFORMATION. SEE RECORDED PLAT FOR EXACT INFORMATION.
 - SEE SECTION 02730 FOR SANITARY SEWERAGE SPECIFICATIONS IN THE PROJECT MANUAL.
 - PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
 - CONNECTIONS TO EXISTING STRUCTURES SHALL BE MADE BY CORE DRILLING AN OPENING FOR THE NEW PIPE. THE PIPE SHALL BE CONNECTED IN THE SAME MANNER AS CONNECTIONS TO PROPOSED STRUCTURES ARE SPECIFIED.
 - DROP MANHOLE STRUCTURES SHALL BE UTILIZED WHEREVER THE INVERT ELEVATION OF AN INCOMING SEWER OR LATERAL IS 2 FEET OR MORE ABOVE THE INVERT ELEVATION OF THE OUTGOING SEWER.



PROFILE EX500 - 505
This comes from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060
HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'

Revision	Date	Description
11-14-00		REVISED SANITARY PLAN
12-28-00		REVISED SANITARY DUE TO FIELD CONDITIONS

ARCHITECTURE
CIVIL ENGINEERS
LAND PLANNING
LAND SURVEYING
CONSULTANTS
TRANSPORTATION
ENGINEERS

7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 842-6777 FAX (317) 841-4798
E-Mail picripe@picripe.com

SANITARY SEWER PLAN AND PROFILE AS-BUILTS
THE ESTATES OF CLAY WEST
THE RESERVE AT SPRING MILL, L.P.
PO BOX 554
CARMEL, INDIANA 46082
PHONE: (317) 580-9883 FAX: (317) 580-9786

CERTIFIED BY:

Drawn By: _____
Checked By: _____
Quality Assurance: _____
Scale: 0' = _____ Scale: 1" = _____
Sheet: _____
Date: _____

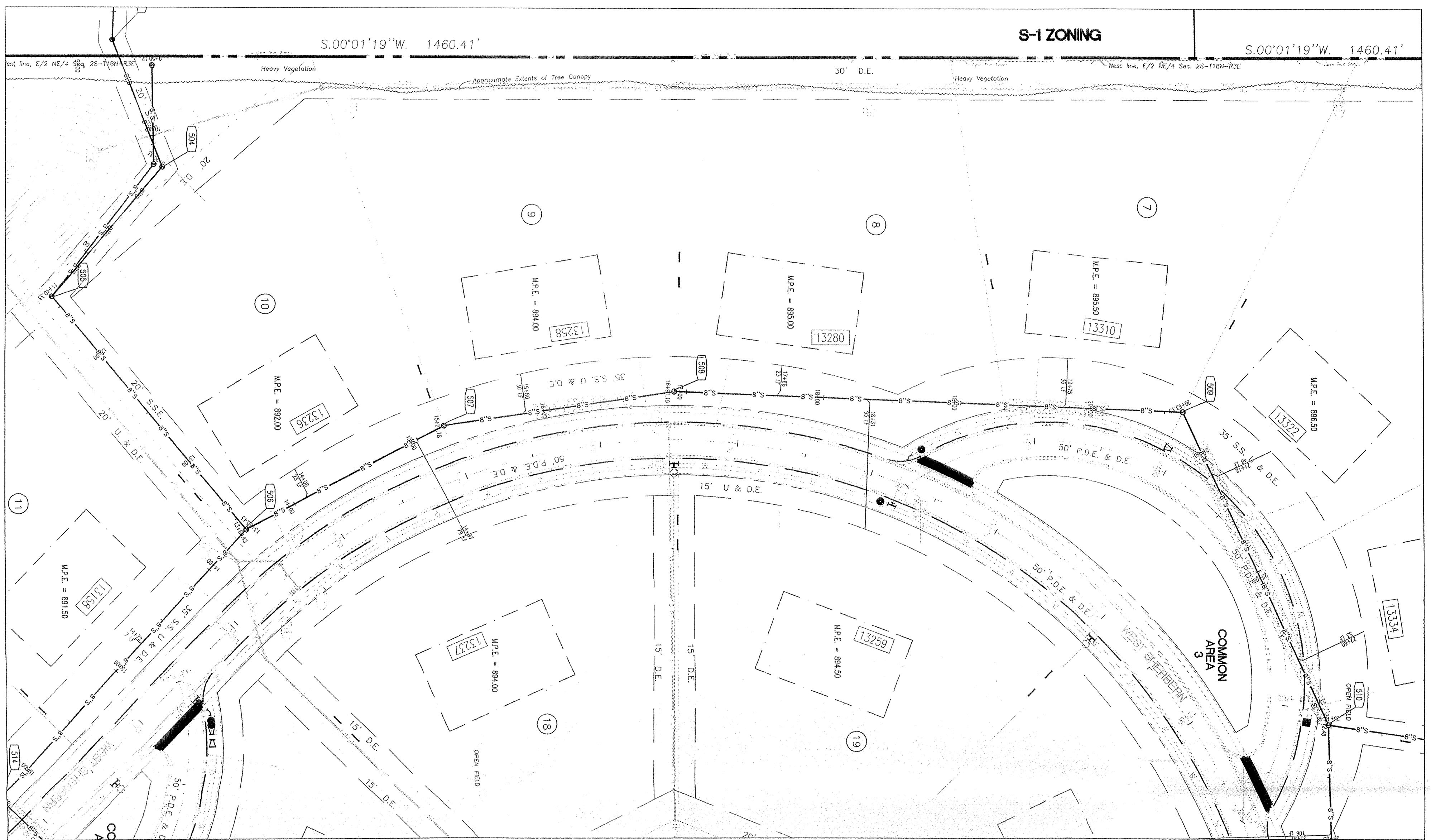
C501
09-01-00

FILED
OCT 04 2002
OFFICE OF HAMILTON COUNTY SURVEYOR

DON'T DIG BLIND
"HOLEY" SEE
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 meter vaults) on the ground (by direct) 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.

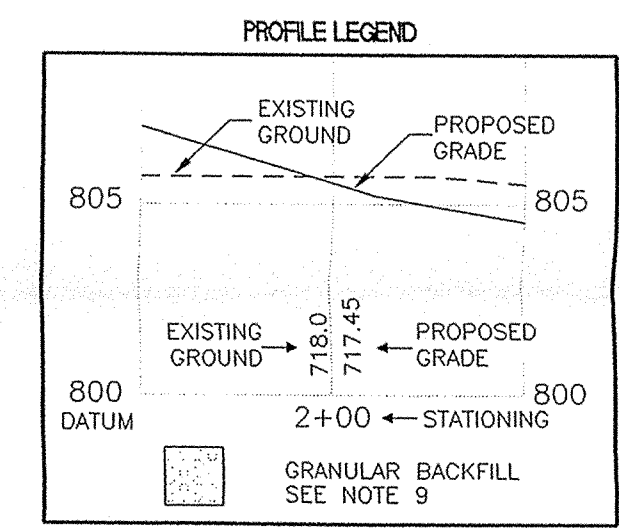
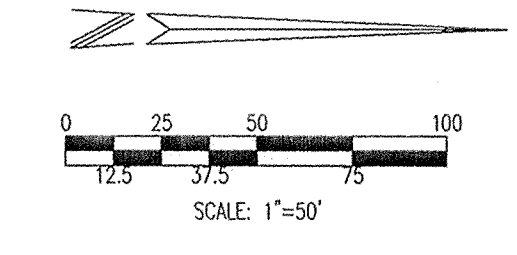
1-800-382-6544
CALL TOLL FREE
1-800-428-5200

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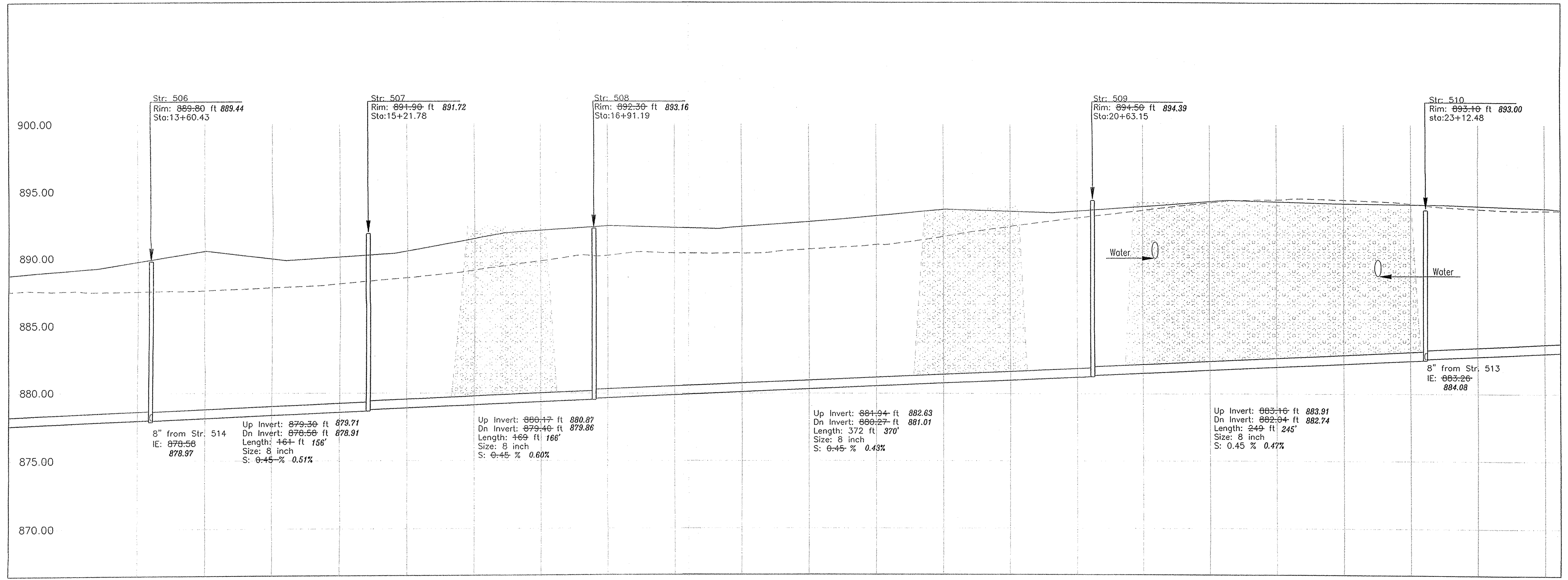


SANITARY SEWER PLAN AND PROFILE NOTES

- 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.
- ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS, STEPS AND PIPE CONNECTIONS WELL GROUTED, TROWELED SMOOTH AND BRUSH FINISHED.
- ALL STRUCTURES (IE: MANHOLES, INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCHWALLS SHALL BE TROWELED SMOOTH AND BRUSH FINISHED.
- FIELD ADJUSTMENTS OF TOP OF CASTING (T.C.) OF STRUCTURES MAY BE REQUIRED TO MEET FIELD CONDITIONS. ADJUSTMENTS EXCEEDING FIVE TENTHS (0.5) OF A FOOT MUST BE APPROVED BY THE DESIGNER.
- THE CONTRACTOR WILL BE REQUIRED TO PROVIDE AS-BUILT DRAWINGS TO THE ACCEPTING AGENCY TO VERIFY THE ELEVATION AND SLOPE OF SANITARY SEWERS. SEWERS INSTALLED AT A GRADE LESS THAN REQUIRED BY THE AGENCY WILL NOT BE ACCEPTED. THE CONTRACTOR SHALL PROVIDE FOR PERIODIC AS-BUILT CHECKS ON THE SEWER DURING CONSTRUCTION TO ASSURE THAT DESIGN GRADE IS BEING MAINTAINED.
- CONTRACTOR SHALL VERIFY LOCATION & INVERT ELEVATIONS OF EXISTING SANITARY SEWER PRIOR TO START OF CONSTRUCTION.
- ALL SANITARY MANHOLE CASTINGS SHALL BE: NENAH R-1642-SP OR EQUAL WITH CONCEALED PICK HOLES.
- FULL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN FIVE (5) FEET OF ALL PAVED AREAS, INCLUDE CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
- EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT ACTUAL RECORDED INFORMATION. SEE RECORDED PLAN FOR EXACT INFORMATION.
- SEE SECTION 02730 FOR SANITARY SEWERAGE SPECIFICATIONS IN THE PROJECT MANUAL.
- PIPES LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- CONNECTIONS TO EXISTING STRUCTURES SHALL BE MADE BY CORE DRILLING AN OPENING FOR THE NEW PIPE. THE PIPE SHALL BE CONNECTED IN THE SAME MANNER AS CONNECTIONS TO PROPOSED STRUCTURES ARE SPECIFIED.
- DROP MANHOLE STRUCTURES SHALL BE UTILIZED WHEREVER THE INVERT ELEVATION OF AN INCOMING SEWER OR LATERAL IS 2 FEET OR MORE ABOVE THE INVERT ELEVATION OF THE OUTGOING SEWER.



PLAN 505-510
SCALE: 1" = 50'



PROFILE 505-510

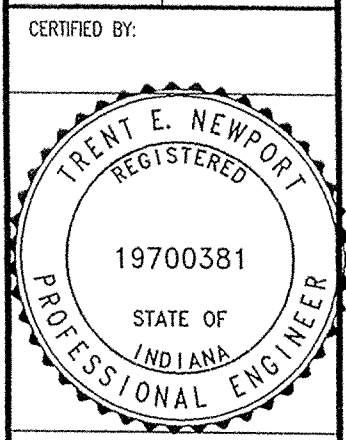
HOR. SCALE: 1" = 50' VER. SCALE: 1" = 5'



1-800-382-5544
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, HOLE, WELLS, AND MARKS MADE UPON THE GROUND BY OTHERS) AND ARE SPECULATIVE IN NATURE. THERE MAY 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.

SANITARY SEWER PLAN AND PROFILE AS-BUILTS
THE ESTATES OF CLAY WEST
THE RESERVE AT SPRING MILL, L.P.
PO BOX 554
CARMEL, INDIANA 46082

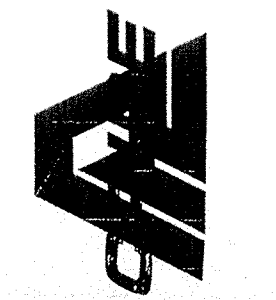


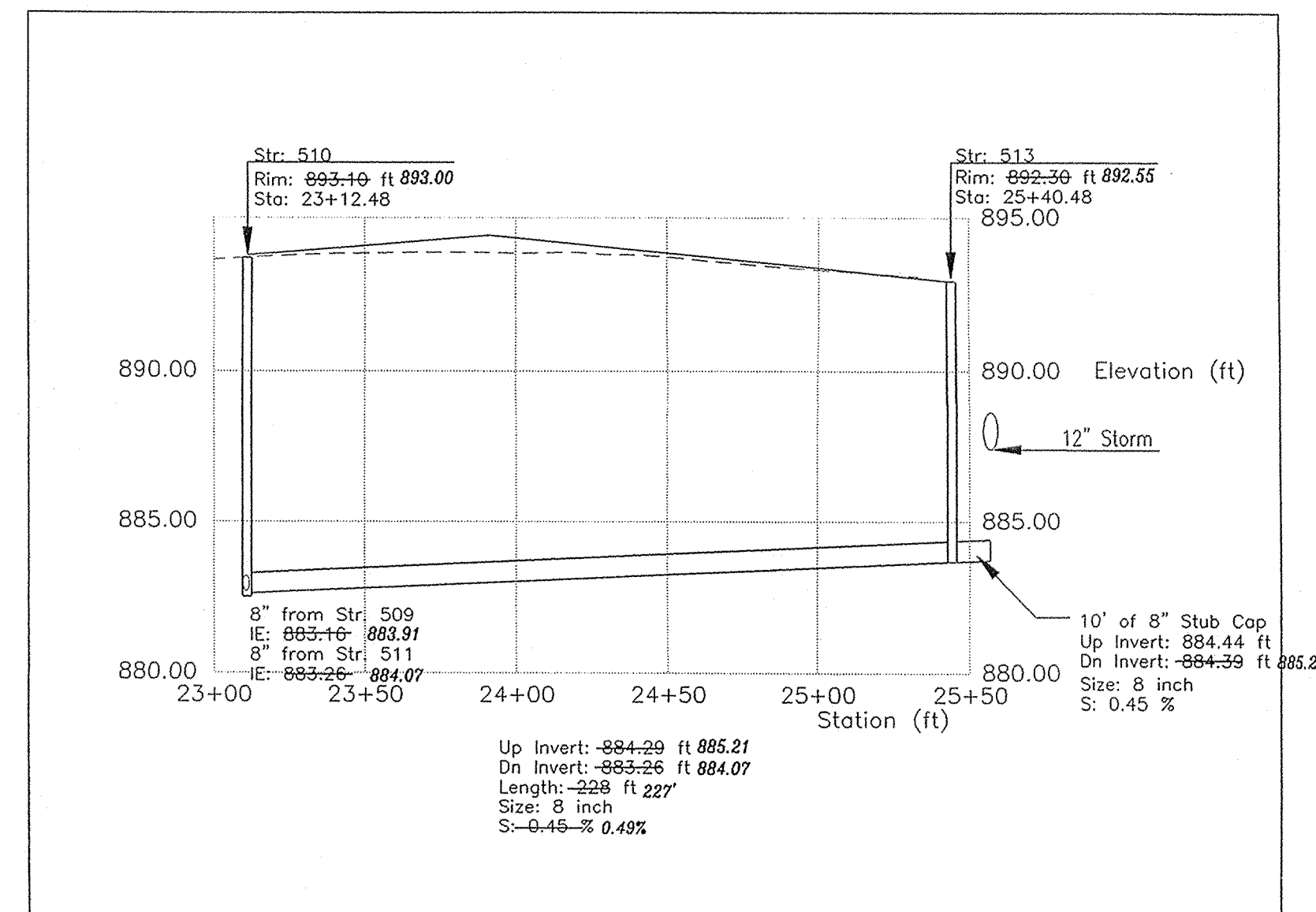
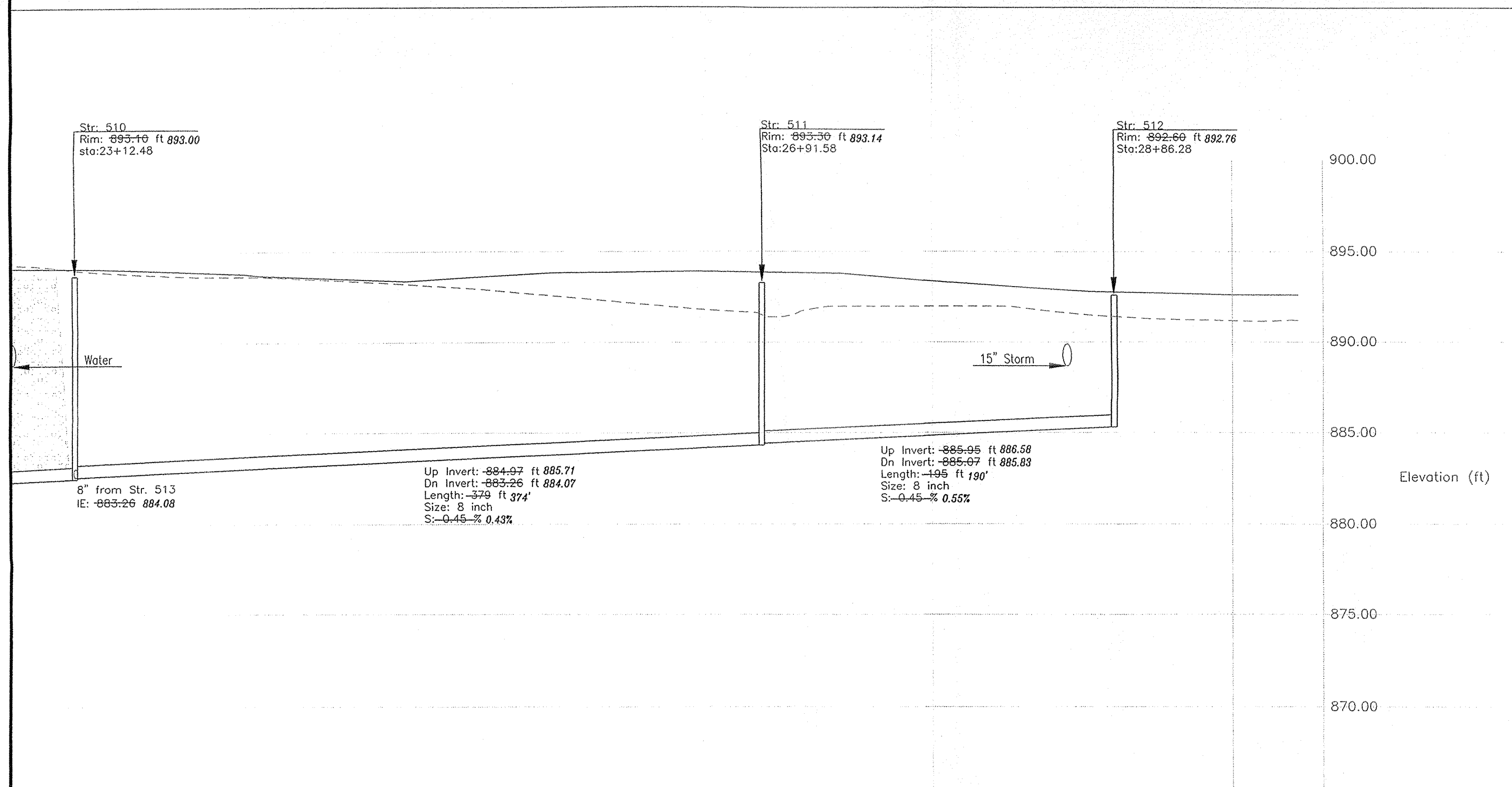
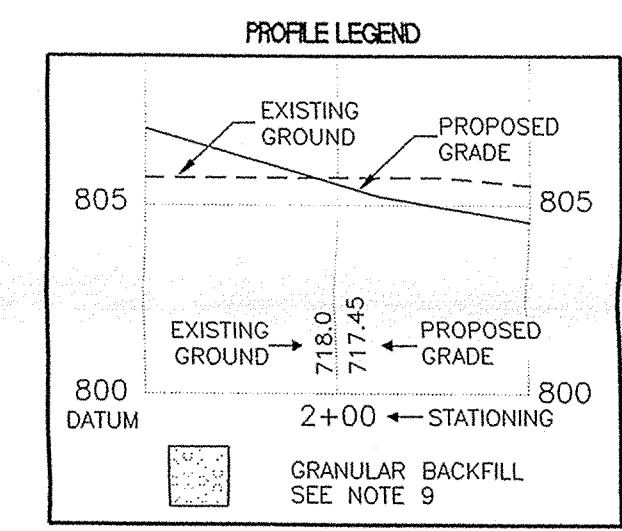
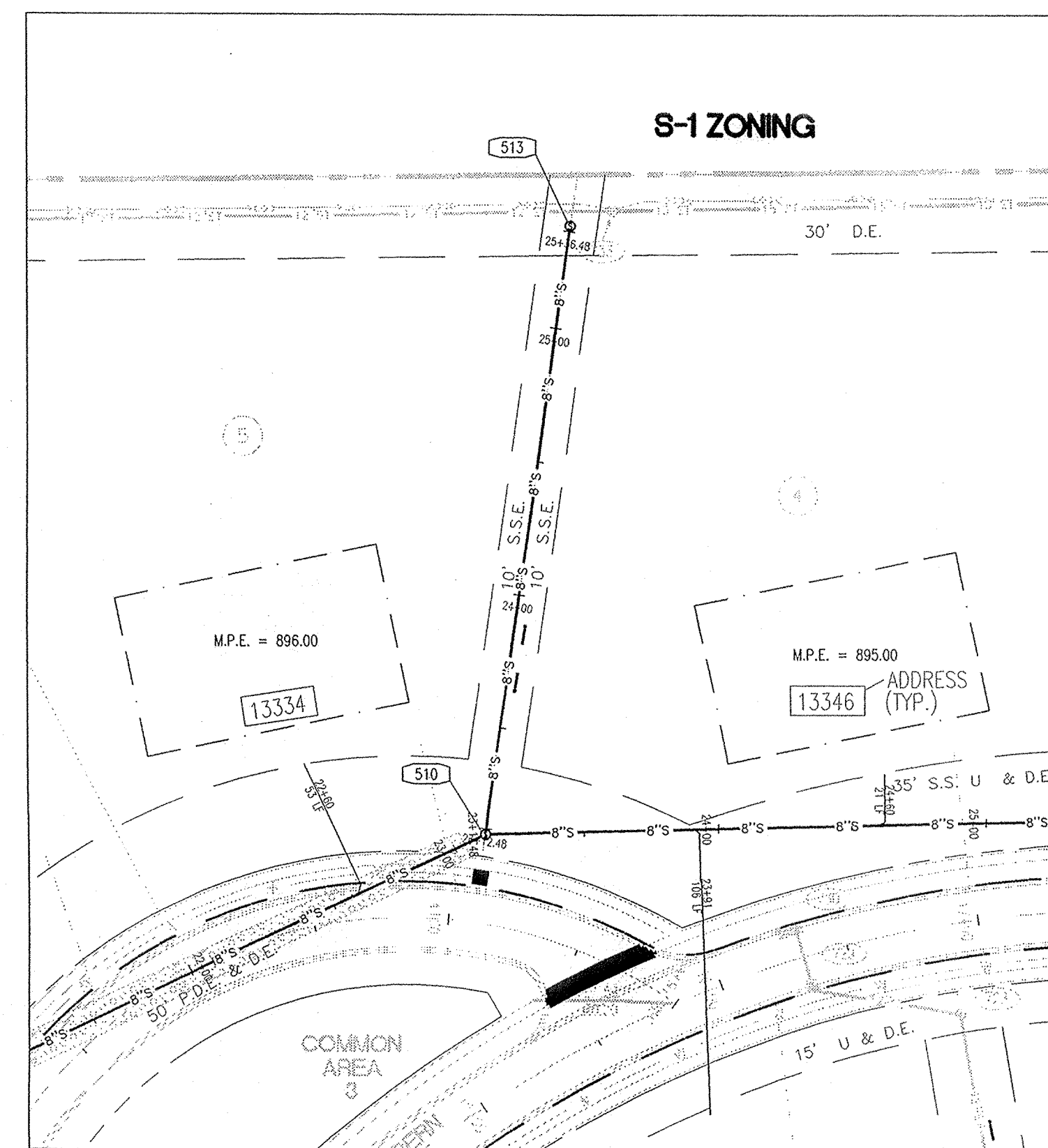
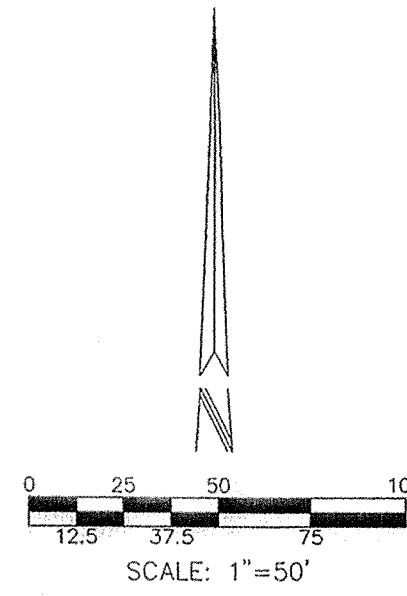
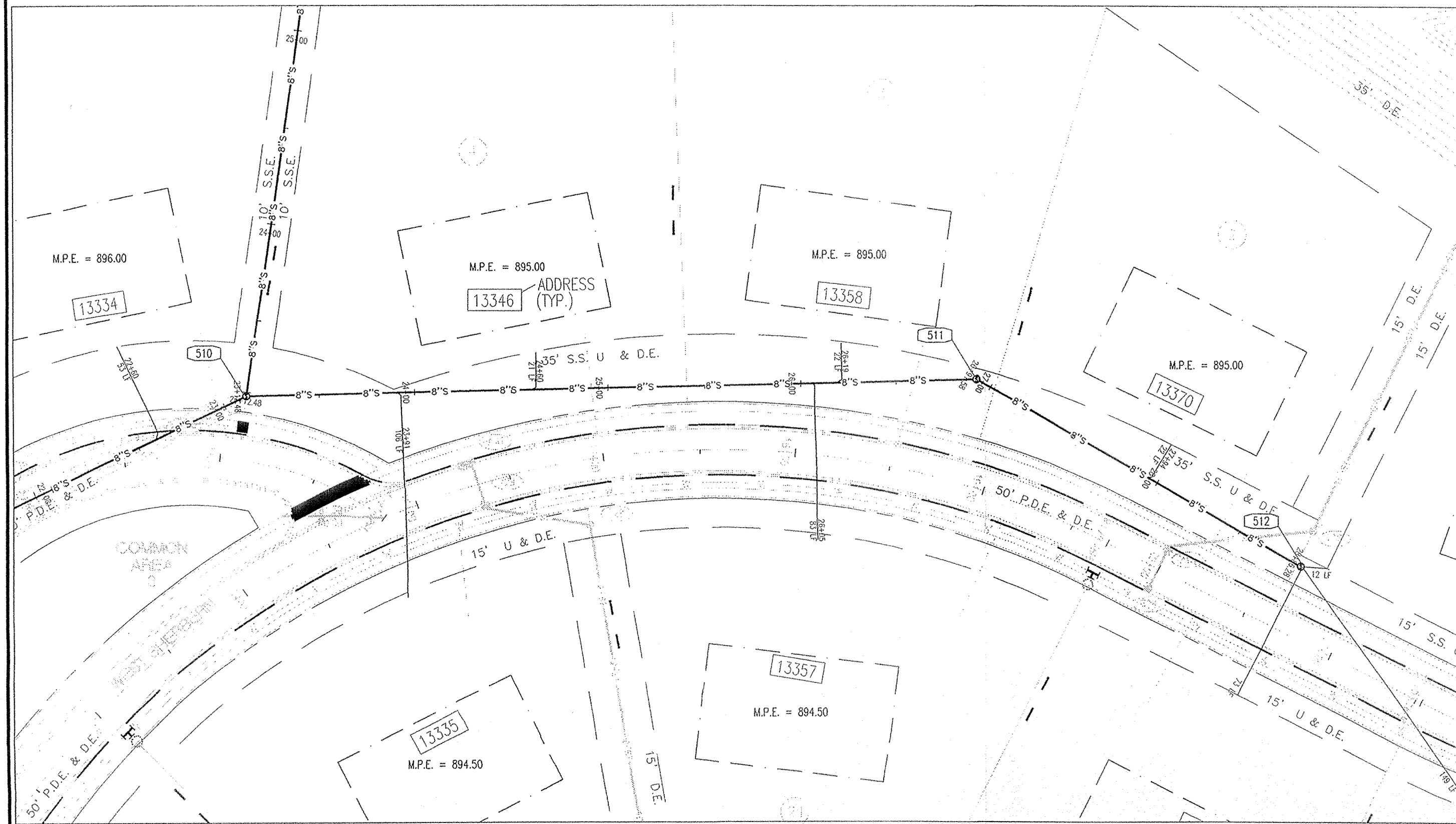
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Drawn By:
Checked By:
Quality Assurance:
Scale:
Sheet
C502
Date:
09-01-00
Project Number:
000389-20000

ARCHITECTURE
CIVIL ENGINEERS
LANDSCAPE ARCHITECTURE
LAND SURVEYING
ENVIRONMENTAL CONSULTANTS
INSURANCE ENGINEERS

7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 842-6777 FAX (317) 841-4798
E-Mail: ptc@pcrpe.com

PHONE: (317)-880-8983 FAX: (317)-880-9786



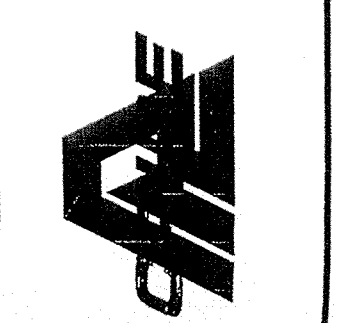


- SANITARY SEWER PLAN AND PROFILE NOTES:**
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS, FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
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Revision	Date	Description

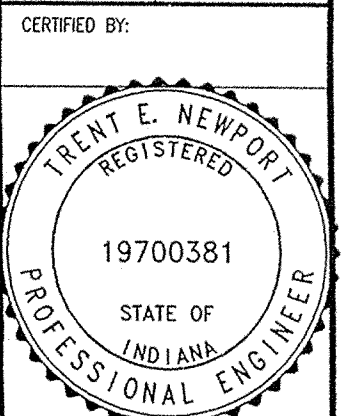
- ARCHITECTURE
- CIVIL ENGINEERING
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- LAND PLANNING
- LAND SURVEYORS/CONSULTANTS
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- GIS

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 (317) 842-6777 FAX (317) 841-4798
 E-Mail: picrpe@picrpe.com



SANITARY SEWER PLAN AND PROFILE AS-BUILTS
 THE ESTATES OF CLAY WEST
 THE RESERVE AT SPRING MILL, L.P.
 PO BOX 554
 CARMEL, INDIANA 46082

PHONE: (317) 568-9863 FAX: (317) 568-9868

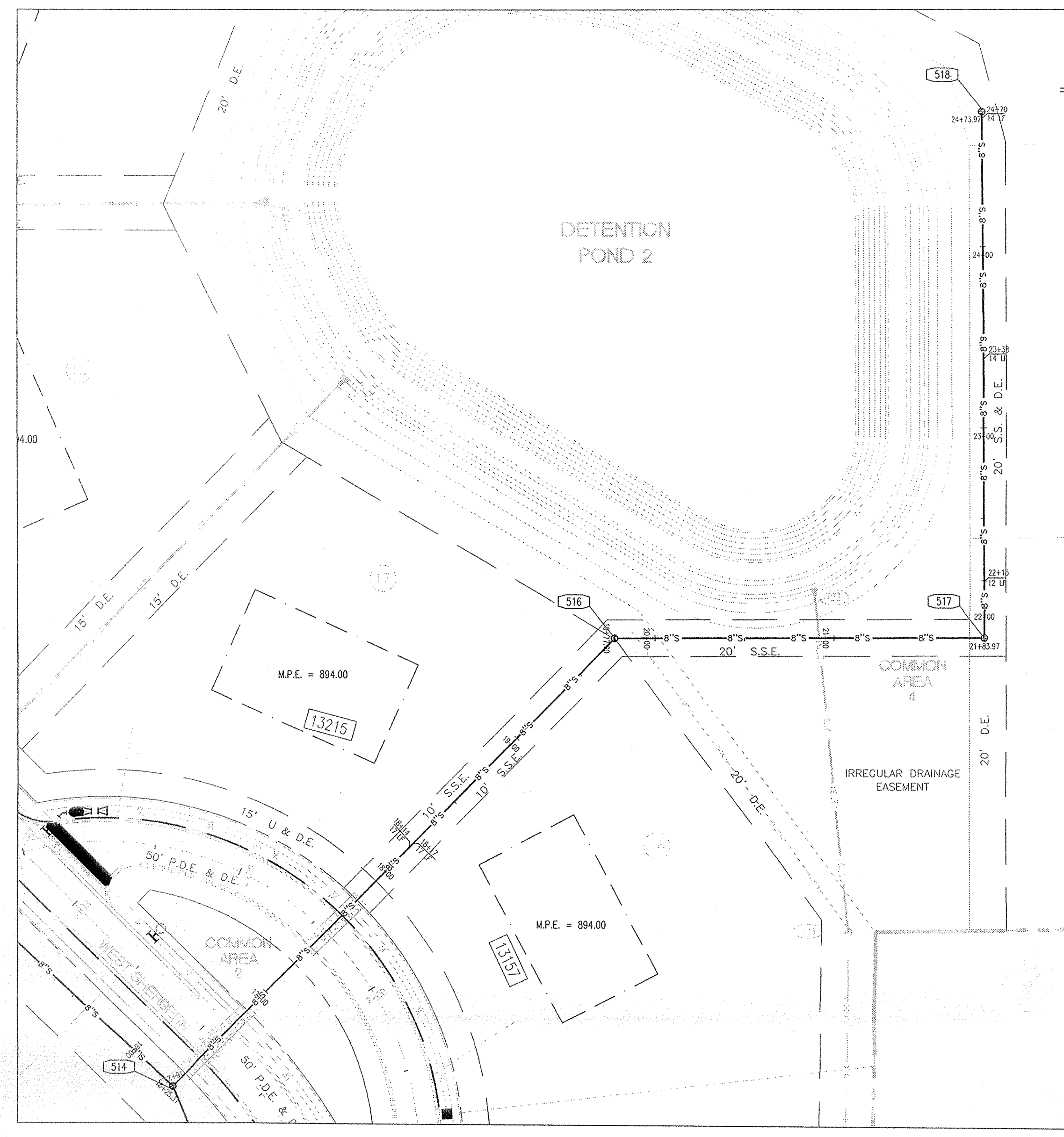
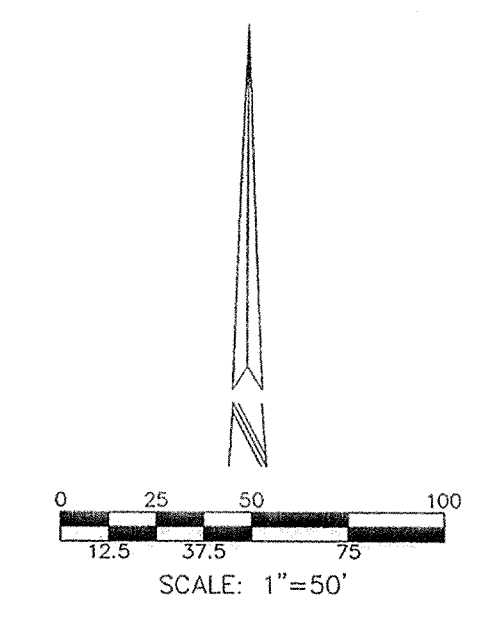
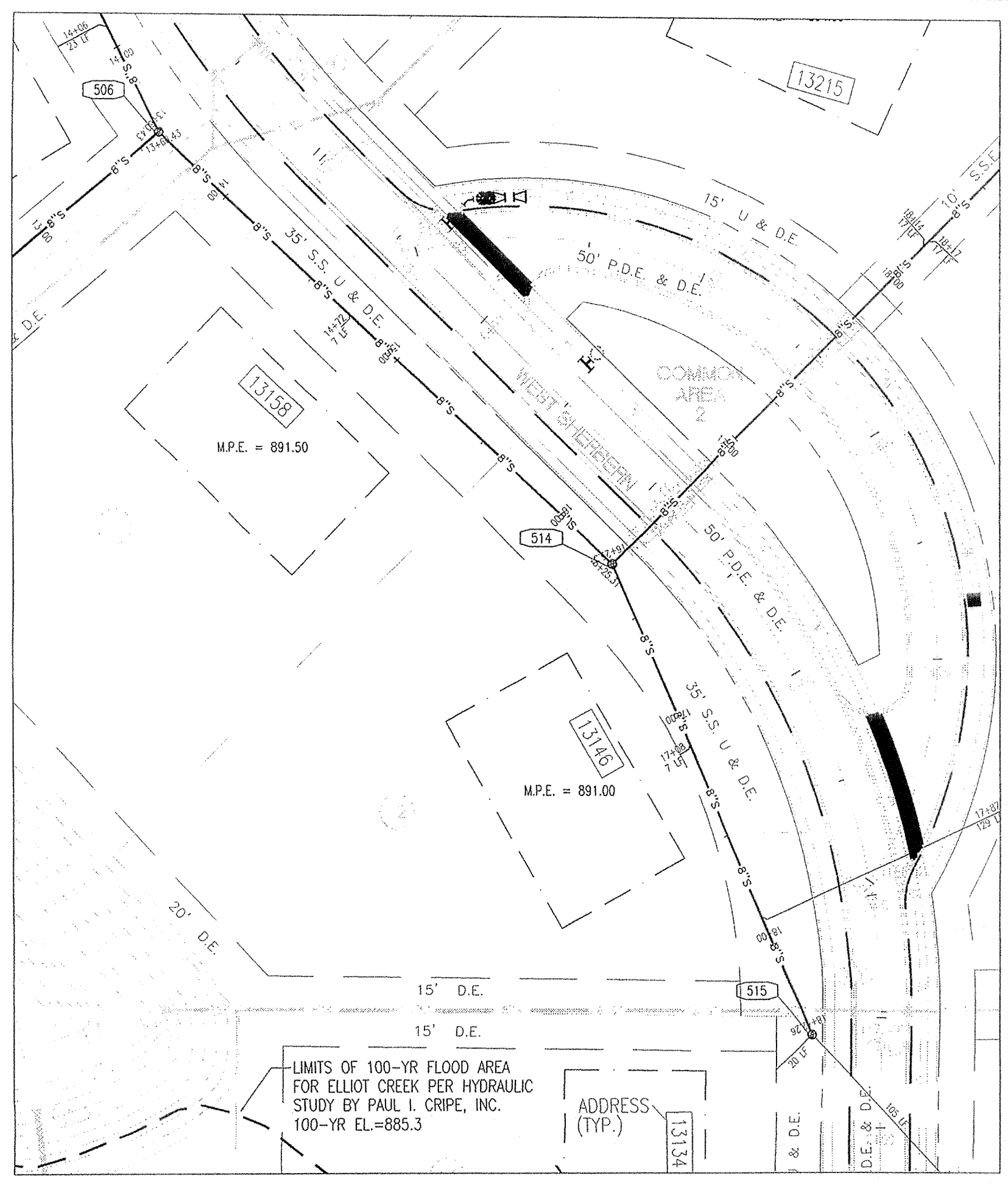


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 OCT 04 2002
 OFFICE OF HAMILTON COUNTY SURVEYOR

DON'T DIG BLIND
 "HOLEY MOLEY" SEE CAUTION
 LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON AERIAL PHOTOGRAPHS (INCLUDING, BUT NOT LIMITED TO, MOBILE, WELLS, 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 SUCH EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

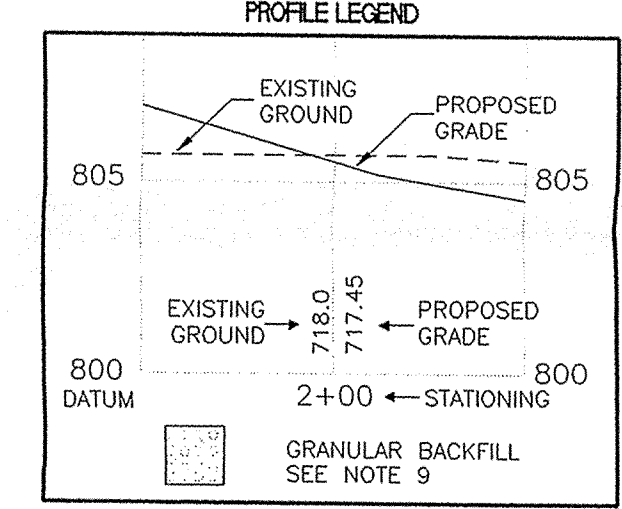
1-800-382-5544
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 Checked By:
 Quality Assurance:
 Scale:
 Sheet:
 Date: 09-01-00
 Project Number: C503
 000389-20000



SANITARY SEWER PLAN AND PROFILE NOTES:

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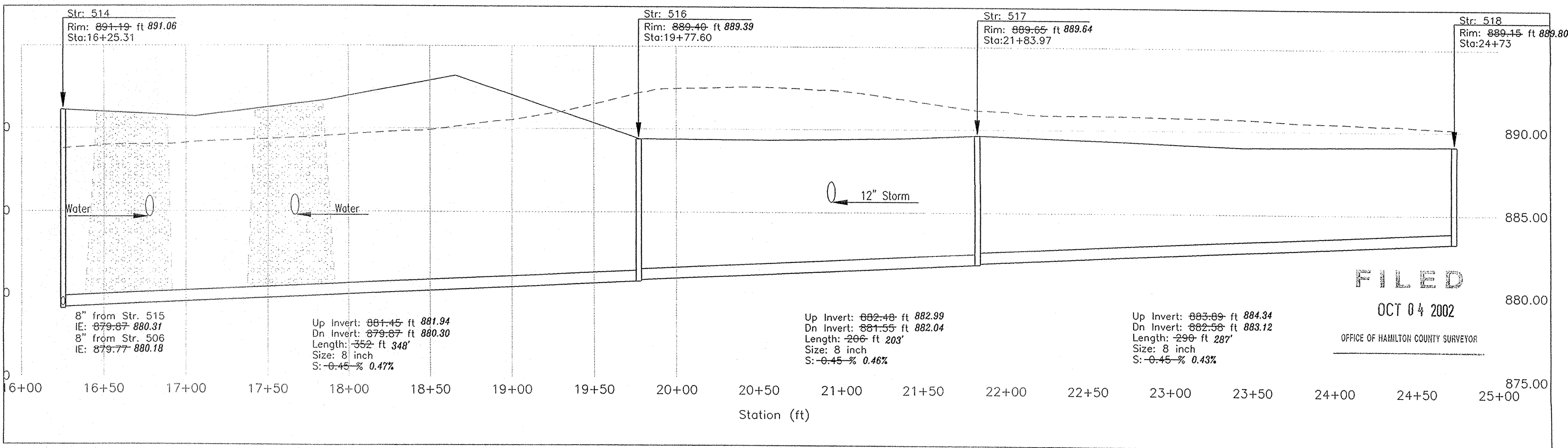
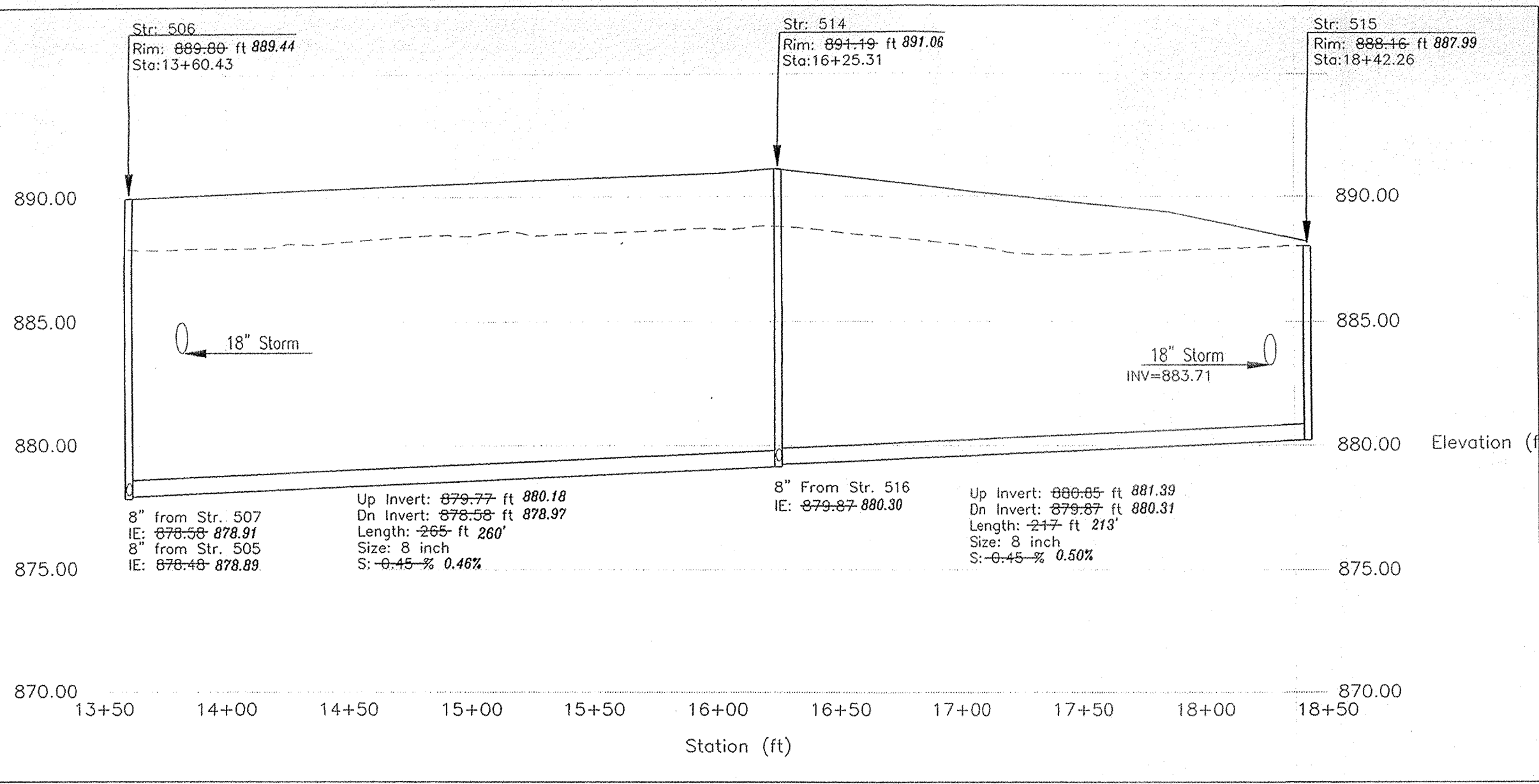
DON'T DIG BLIND

"HOLEY MOLEY"

CAUTION

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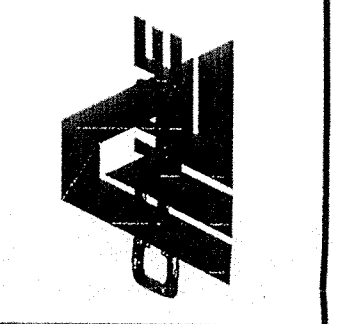
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Revision	Date	Description

ARCHITECTURE
CIVIL ENGINEERS
LAND PLANNING
LAND SURVEYORS
ENVIRONMENTAL CONSULTANTS
ENGINEERING

7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 842-6777 FAX (317) 841-4798
E-Mail: picrippe@picrippe.com



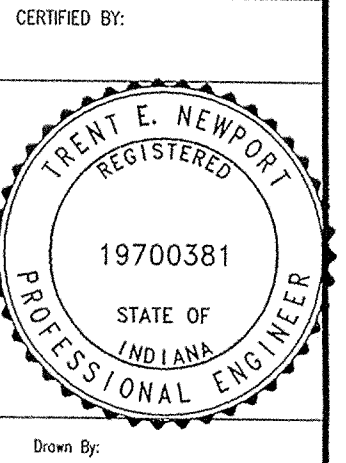
SANITARY SEWER PLAN AND PROFILE AS-BUILTS

THE ESTATES OF CLAY WEST

THE RESERVE AT SPRING MILL, L.P.

PO BOX 554
CARMEL, INDIANA 46082

PHONE: (317)-580-9883
FAX: (317)-580-9786



CERTIFIED BY:

Down By:

Checked By:

Quality Assurance:

Scale:
0 1" = 1'

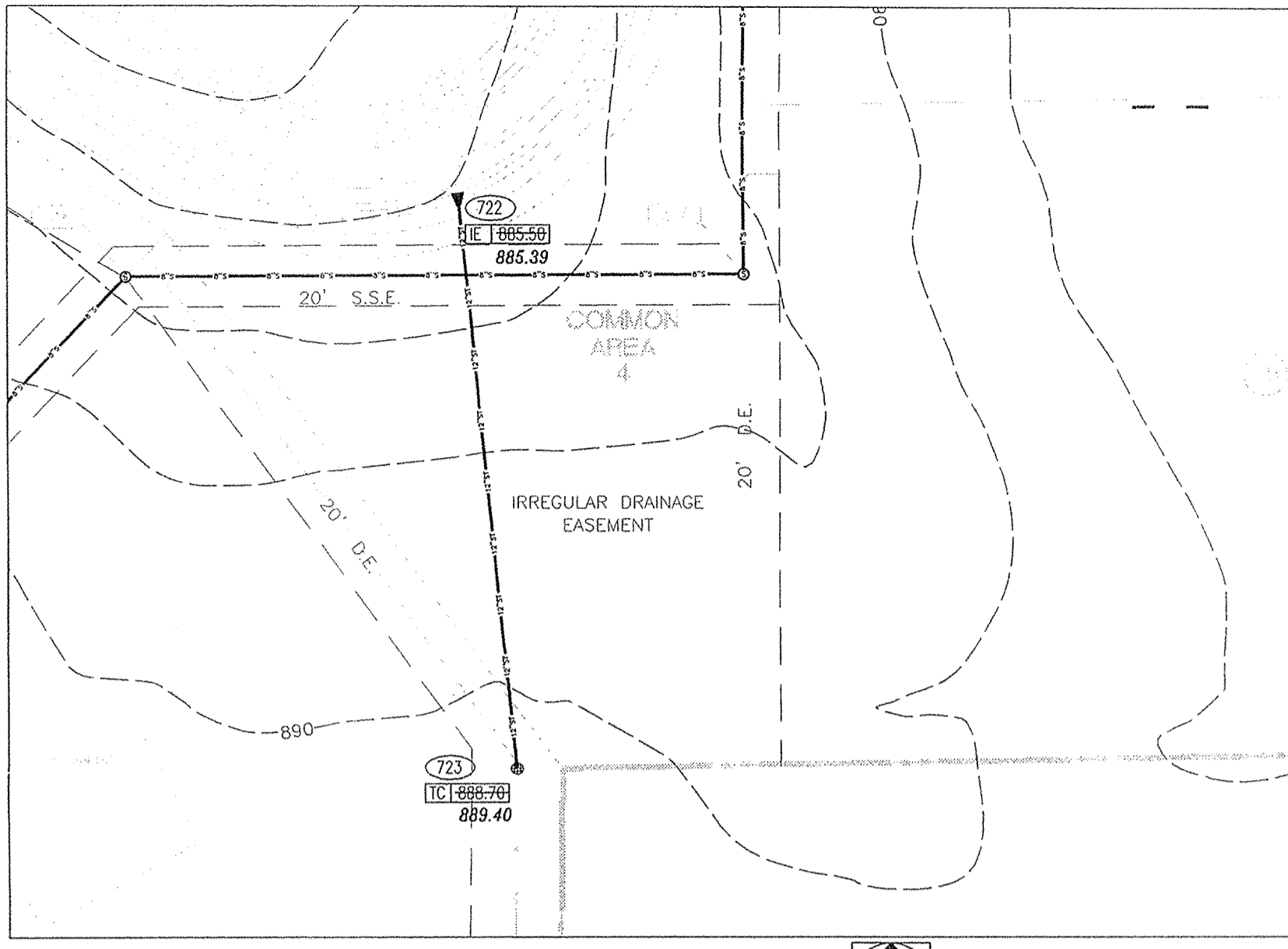
Steel

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Date:
09-01-00

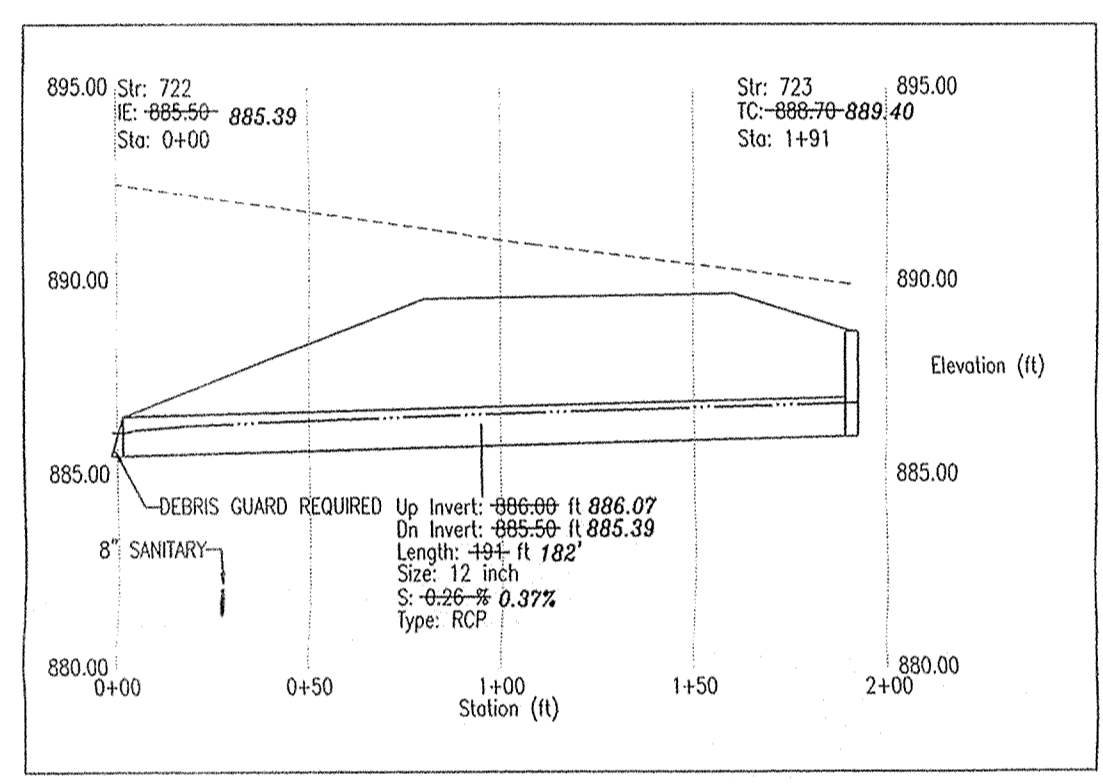
Project Number:
000389-20000

FILED
OCT 04 2002
OFFICE OF HAMILTON COUNTY SURVEYOR



PLAN 722-723

SCALE: 1" = 50'



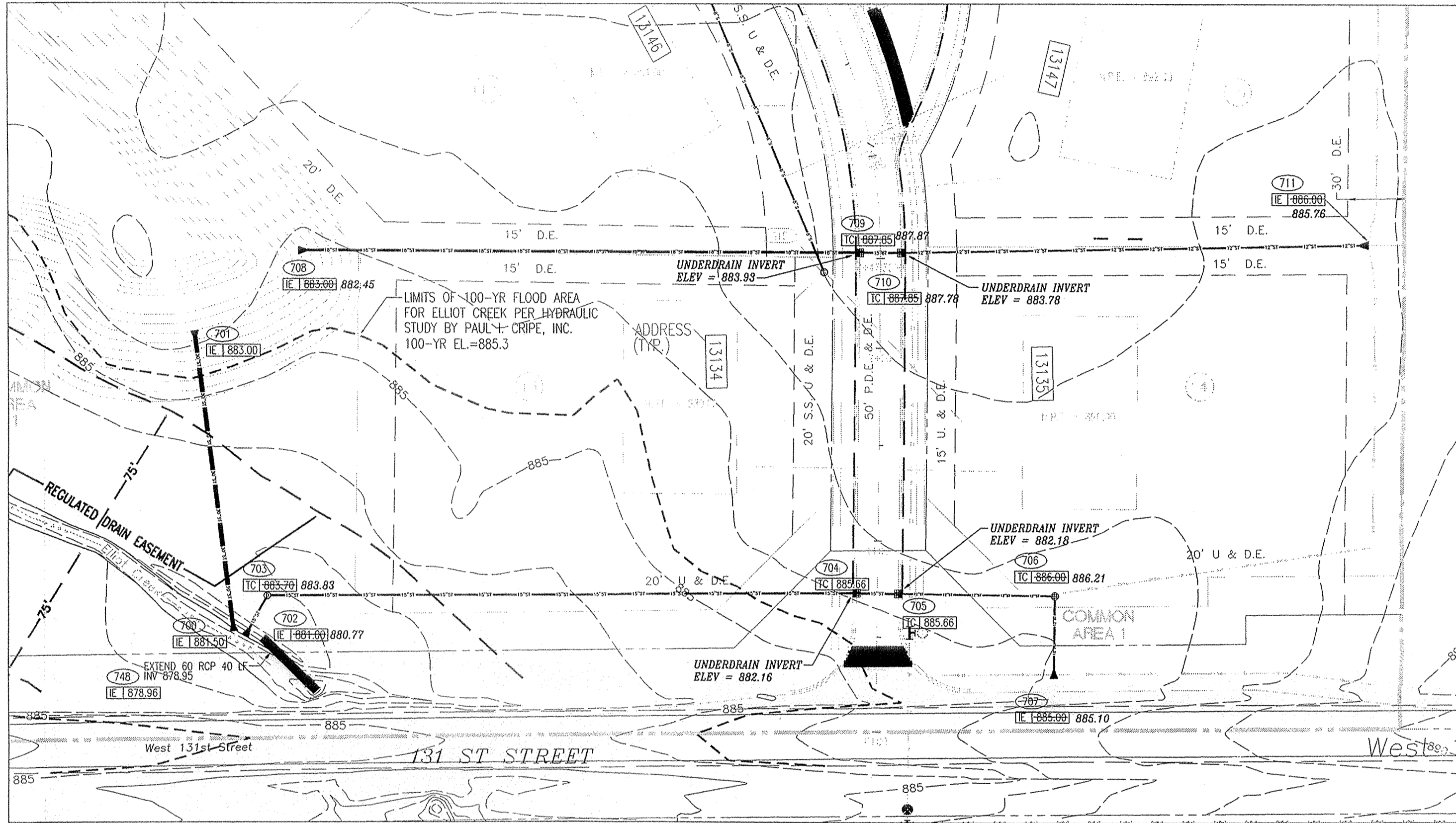
PROFILE 722-723

HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'

Information gathered for input into the Hamilton County Geographical Information System (GIS) has been reviewed and approved by the GIS.

Entry Date: 9-15-03

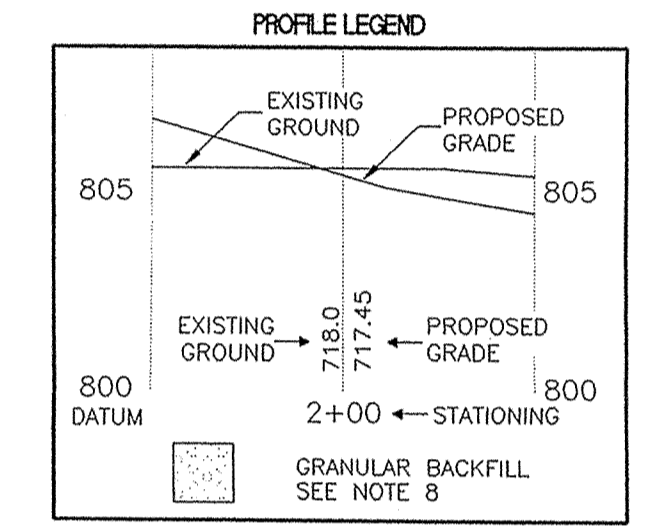
Entered by: J.E.S.



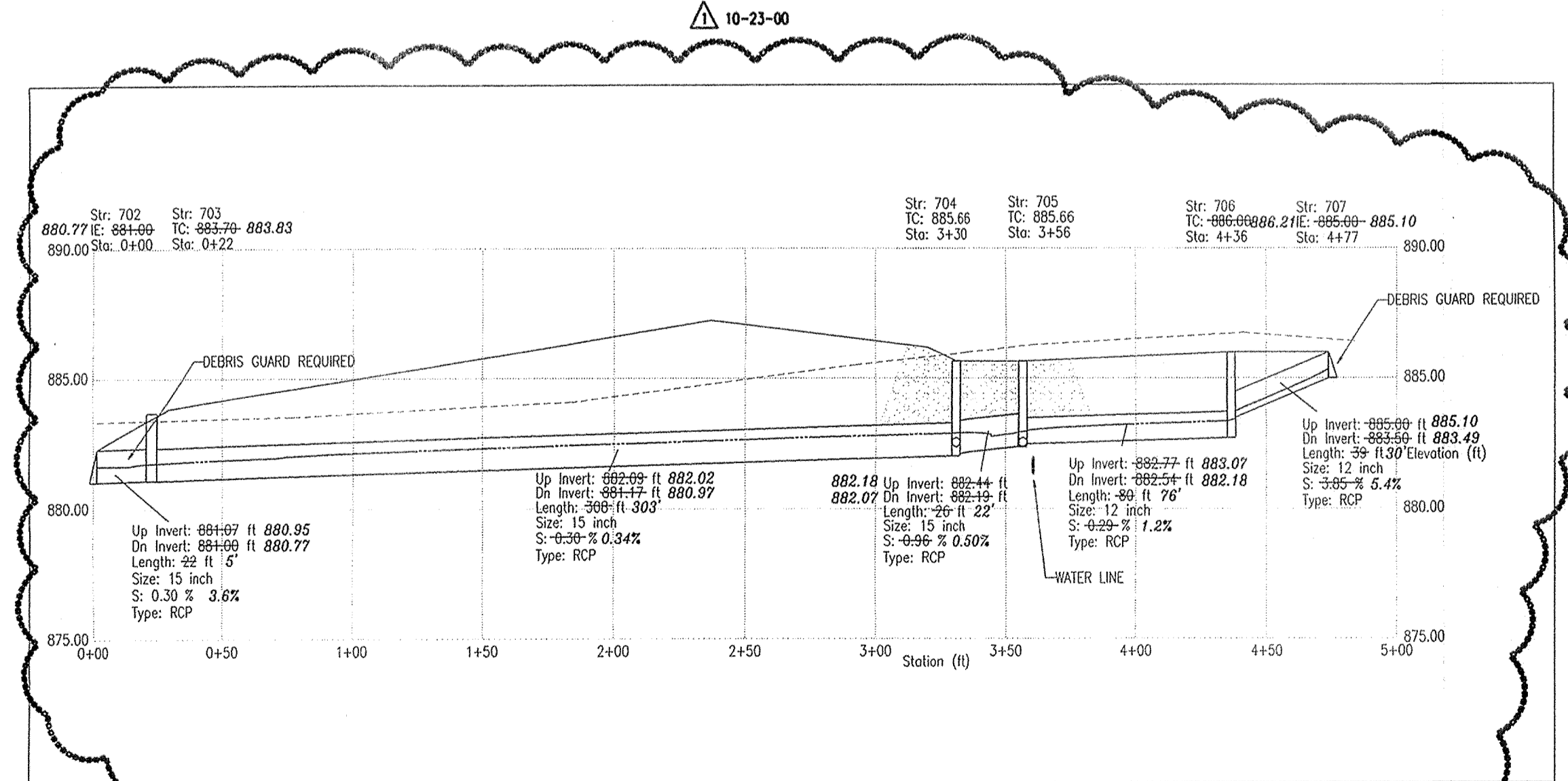
PLAN 700-701, PLAN 702-707 AND PLAN 708-711

SCALE: 1" = 50'

- STORM SEWER PLAN AND PROFILE NOTES**
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART "F" 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.
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 - ALL STRUCTURES (IE: MANHOLES, INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCHWALLS SHALL BE TROWELED SMOOTH AND BRUSH FINISHED.
 - FIELD ADJUSTMENTS OF TOP OF CASTING (T.C.) OF STRUCTURES MAY BE REQUIRED TO MEET FIELD CONDITIONS. ADJUSTMENTS EXCEEDING FIVE TENTHS (0.5) OF A FOOT MUST BE APPROVED BY THE ENGINEER TO DETERMINE THE INTEGRITY OF THE STRUCTURE. AT NO COST TO THE OWNER.
 - STORM STRUCTURES WITH INLET CASTINGS SHALL BE SET TO MAINTAIN A POSITIVE DRAINAGE FLOW INTO THE STRUCTURE.
 - STORM PIPE INVERTS AT OUTLET STRUCTURES (IE: END SECTIONS), AND PIPE LENGTHS MAY REQUIRE FIELD ADJUSTMENTS TO MEET ACTUAL FIELD CONDITIONS.
 - FULL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN (5) FEET OF ALL PAVED AREAS, INCLUDING CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
 - SEE SECTION 02720 FOR STORM SEWERAGE SPECIFICATIONS IN THE PROJECT MANUAL.
 - PIPES LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND INCLUDE END SECTIONS.

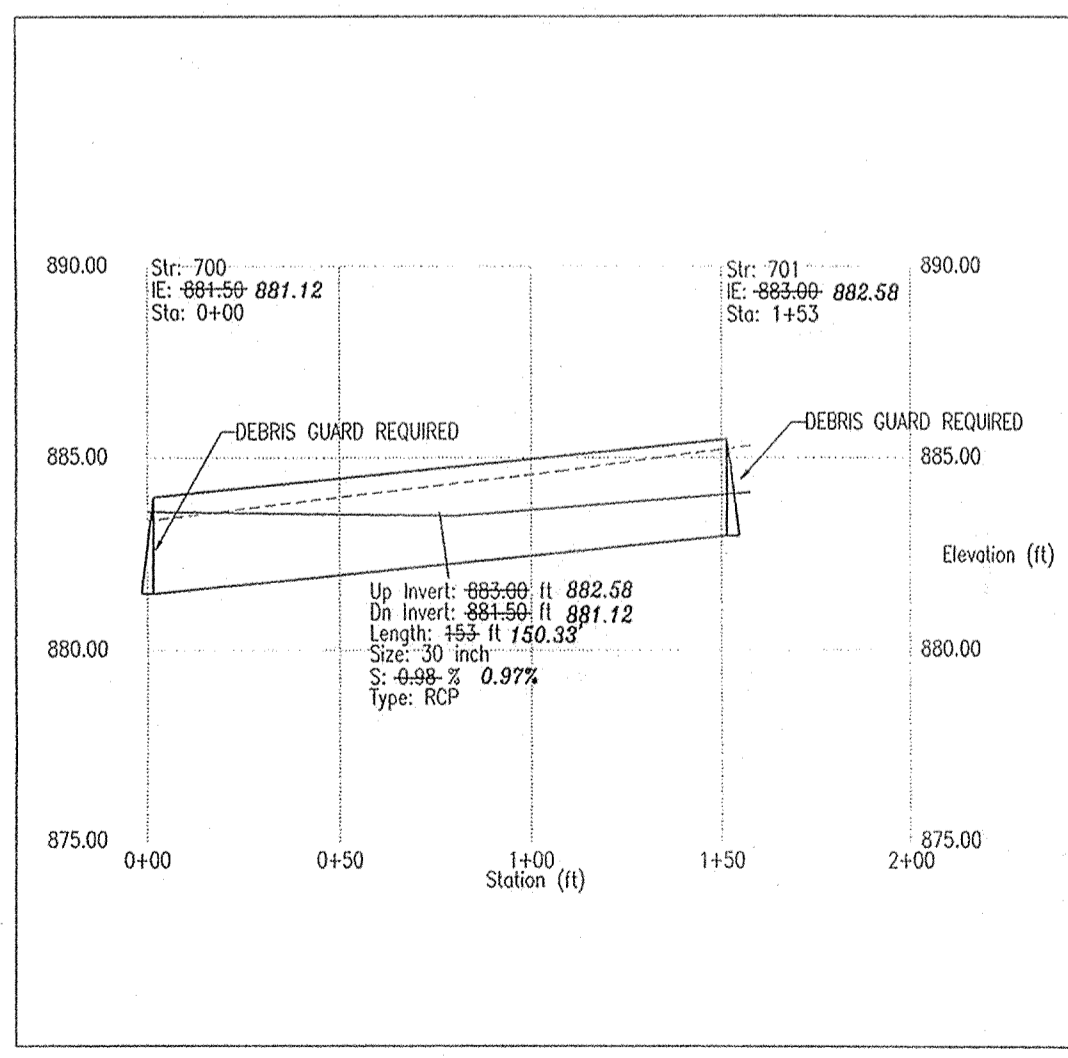


ENTIRE SHEET REISSUED
 -ADDED PIPE MATERIAL DESIGNATION
 -ADDED DEBRIS GUARDS TO PROFILES.



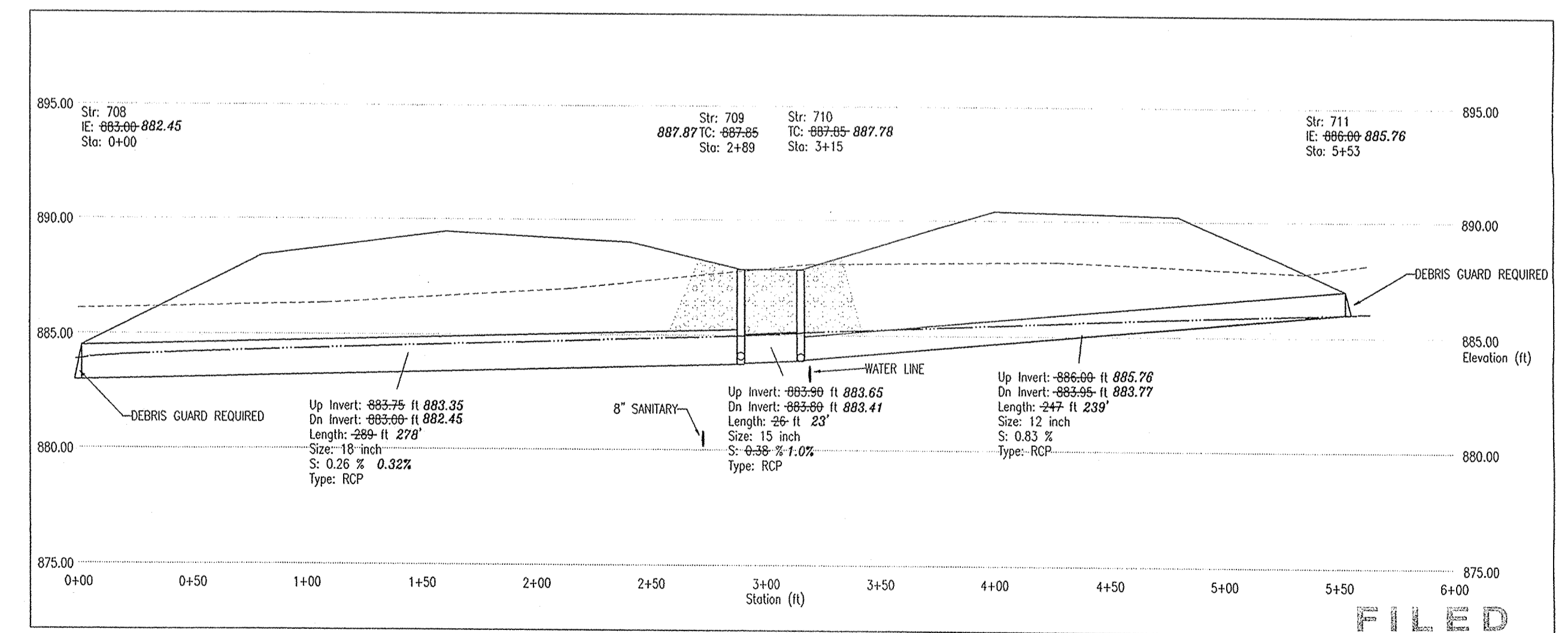
PROFILE 702-707

HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'



PROFILE 700-701

HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'



PROFILE 708-711

HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'

FILED

OCT 04 2002

OFFICE OF HAMILTON COUNTY SURVEYOR



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 CALL TOLL FREE
 1-800-428-5200
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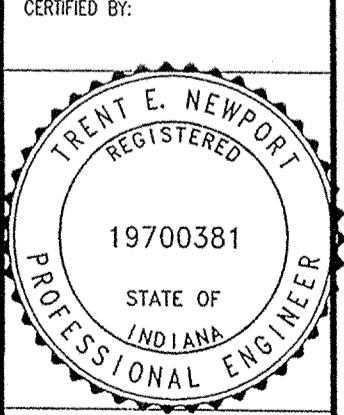
Revision	Date	Description
10-23-00		REVISE PROFILE 702-707
10-23-00		ADDED PIPE MATERIAL AND DEBRIS GUARDS TO ALL END SECTIONS.

ARCHITECTURE
 CIVIL ENGINEERS
 LANDSCAPE ARCHITECTURE
 LAND SURVEYORS
 ENVIRONMENTAL CONSULTANTS
 TRANSPORTATION ENGINEERS
 GIS

7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 (317) 842-6777 FAX (317) 841-4798
 E-Mail: pic@picrpe.com



STORM SEWER PLAN AND PROFILE AS-BUILTS
 THE ESTATES OF CLAY WEST
 THE RESERVE AT SPRING MILL, L.P.
 PO BOX 554
 CARMEL, INDIANA 46082
 PHONE: (317)-580-9883 FAX: (317)-580-9786



CERTIFIED BY:

Drawn By:

Checked By:

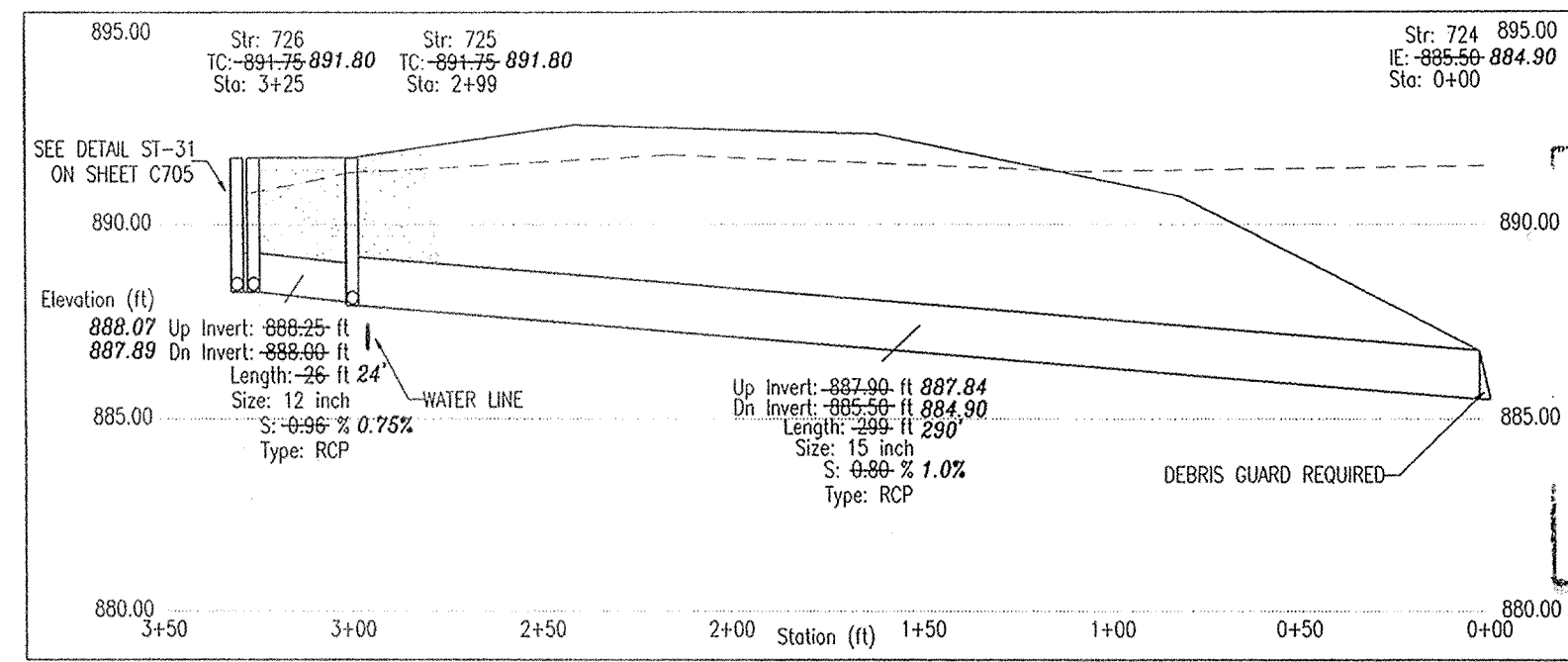
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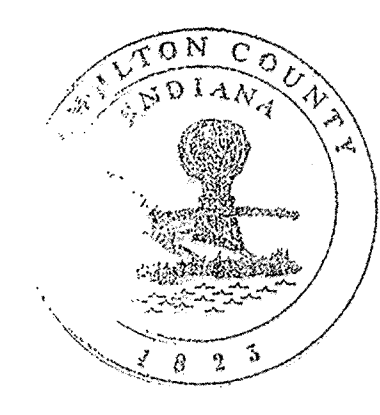
Date: 09-01-00

Project Number: 000389-20000



PROFILE 724-726

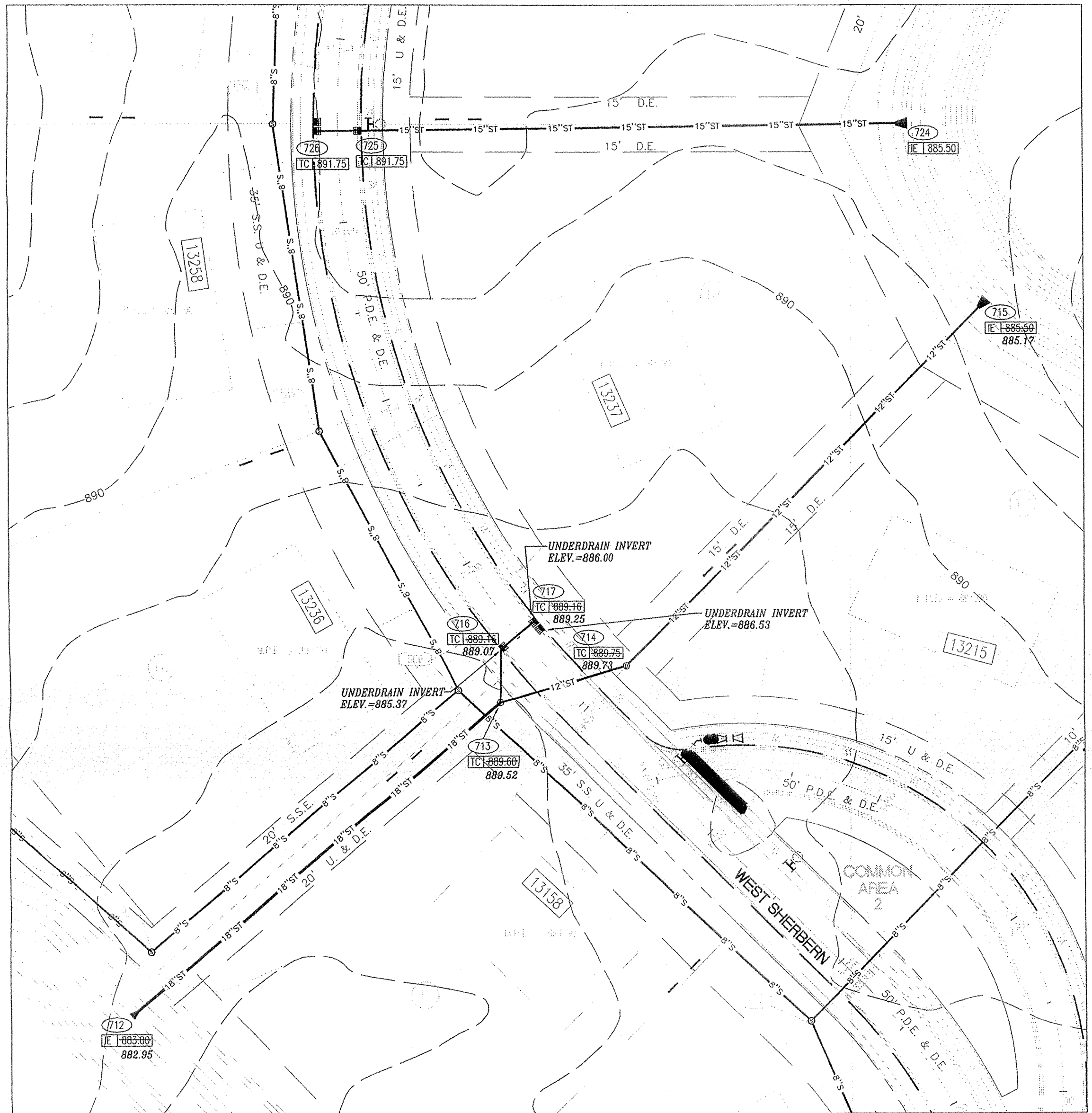
HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'



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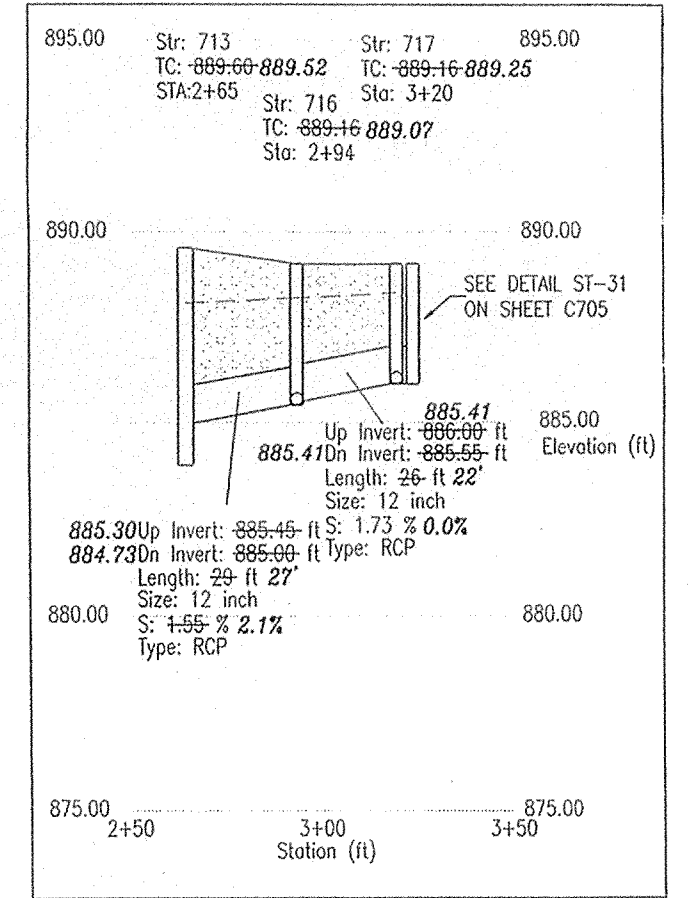
Entry Date: 9-15-03
Entered by: J.E.S.

- STORM SEWER PLAN AND PROFILE NOTES:**
- 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.
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 - ALL STRUCTURES (IE: MANHOLES, INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND BRUSH FINISHED.
 - FIELD ADJUSTMENTS OF TOP OF CASTING (T.O.C.) OF STRUCTURES MAY BE REQUIRED TO MEET FIELD CONDITIONS. ADJUSTMENTS EXCEEDING FIVE TENTHS (0.5) OF A FOOT MUST BE APPROVED BY THE ENGINEER TO DETERMINE THE INTEGRITY OF THE STRUCTURE. AT NO COST TO THE OWNER.
 - STORM STRUCTURES WITH INLET CASTINGS SHALL BE SET TO MAINTAIN A POSITIVE DRAINAGE FLOW INTO THE STRUCTURE.
 - STORM PIPE INVERTS AT OUTLET STRUCTURES (IE: END SECTIONS), AND PIPE LENGTHS MAY REQUIRE FIELD ADJUSTMENTS TO MEET ACTUAL FIELD CONDITIONS.
 - FULL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN (5) FEET OF ALL PAVED AREAS, INCLUDING CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
 - SEE SECTION 02720 FOR STORM SEWERAGE SPECIFICATIONS IN THE PROJECT MANUAL.
 - PIPES LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND INCLUDE END SECTIONS.



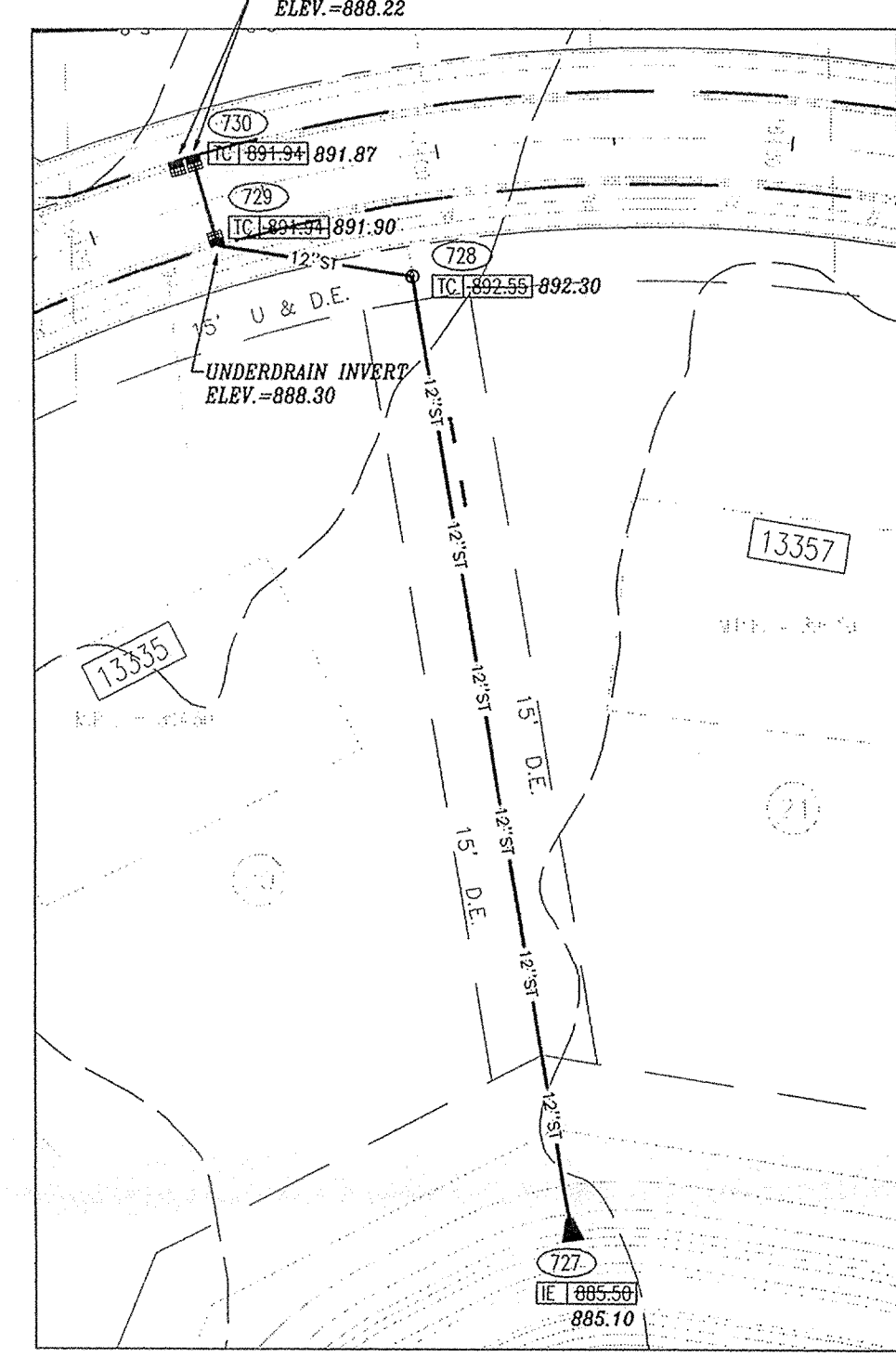
PLAN 712-715, PLAN 713-717 AND PLAN 724-726

SCALE: 1" = 50'



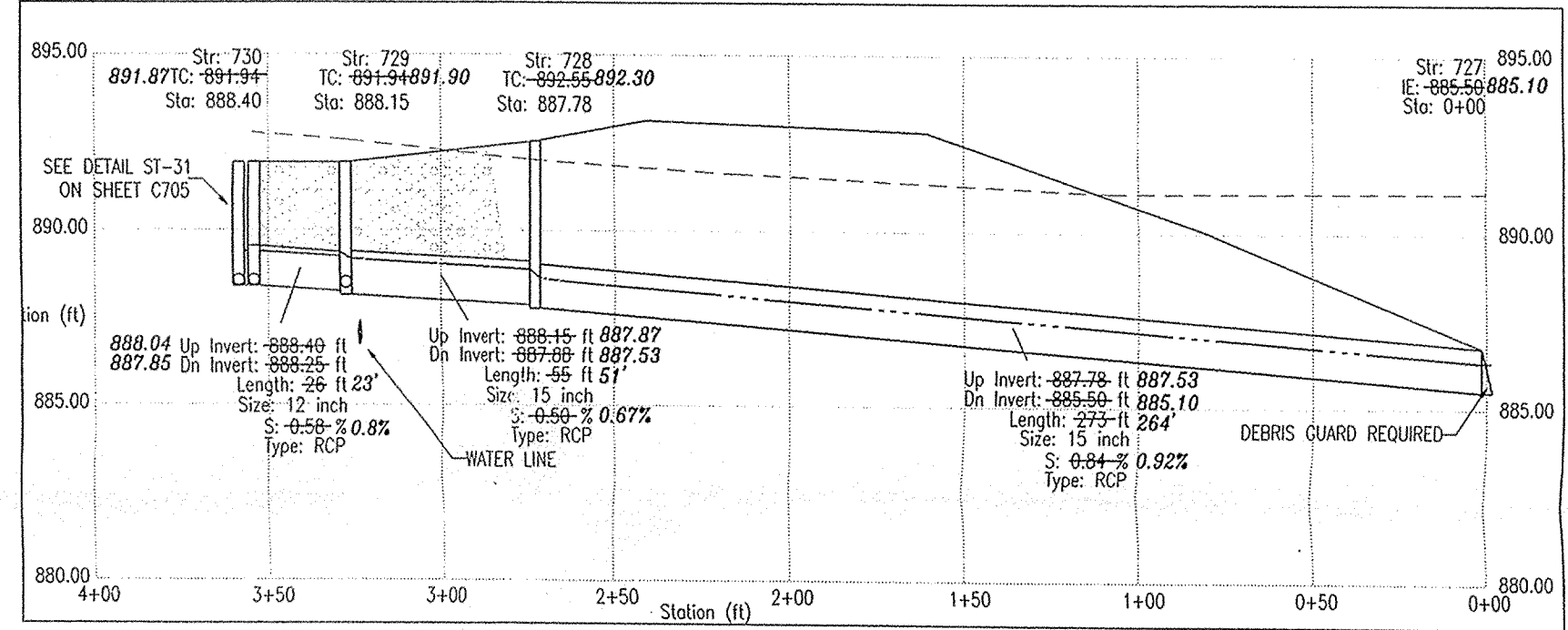
PROFILE 713-717

HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'



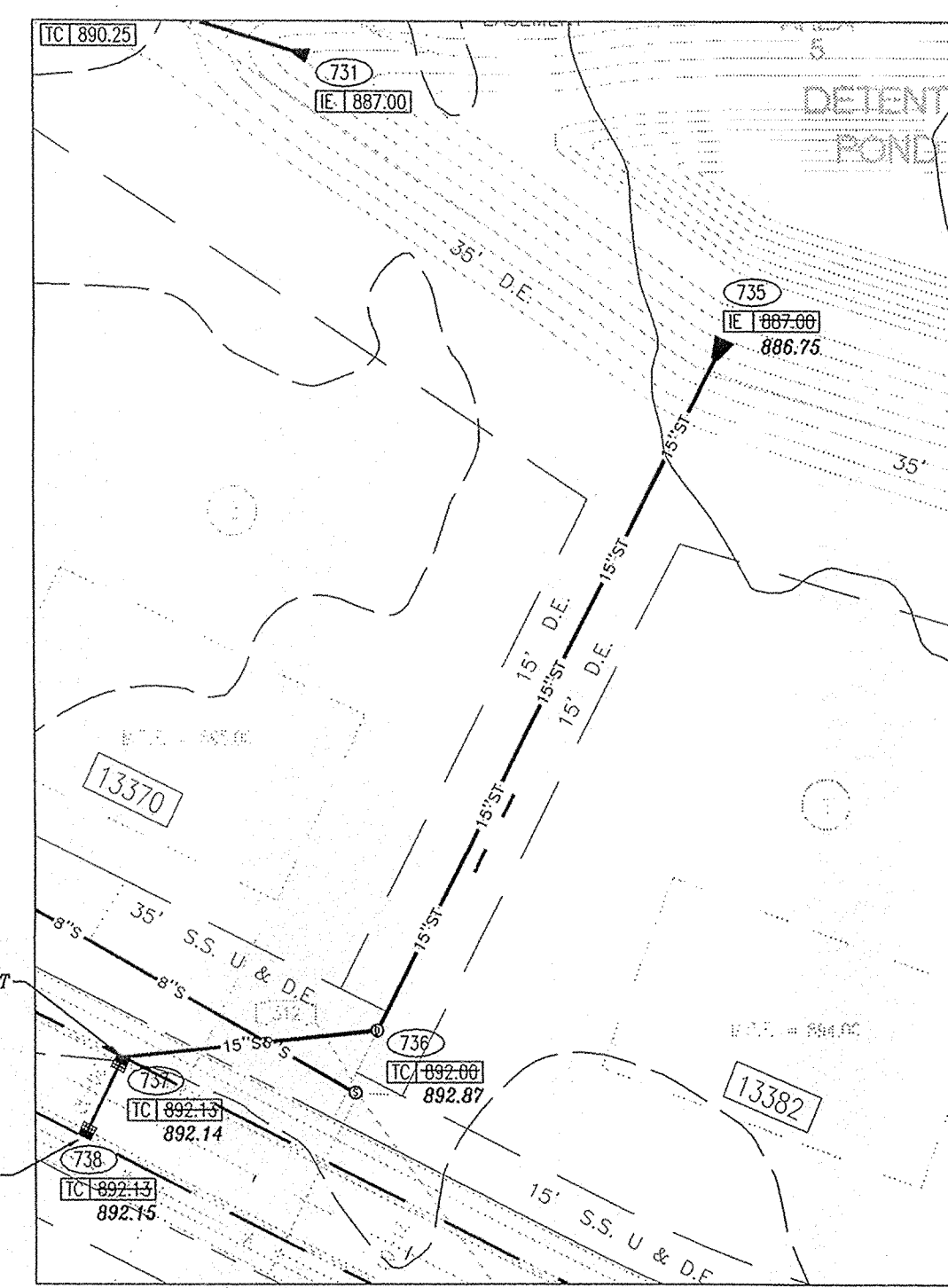
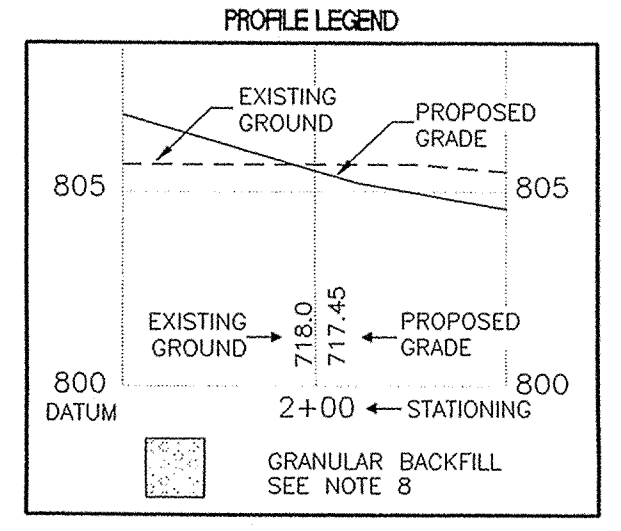
PLAN 727-730

SCALE: 1" = 50'



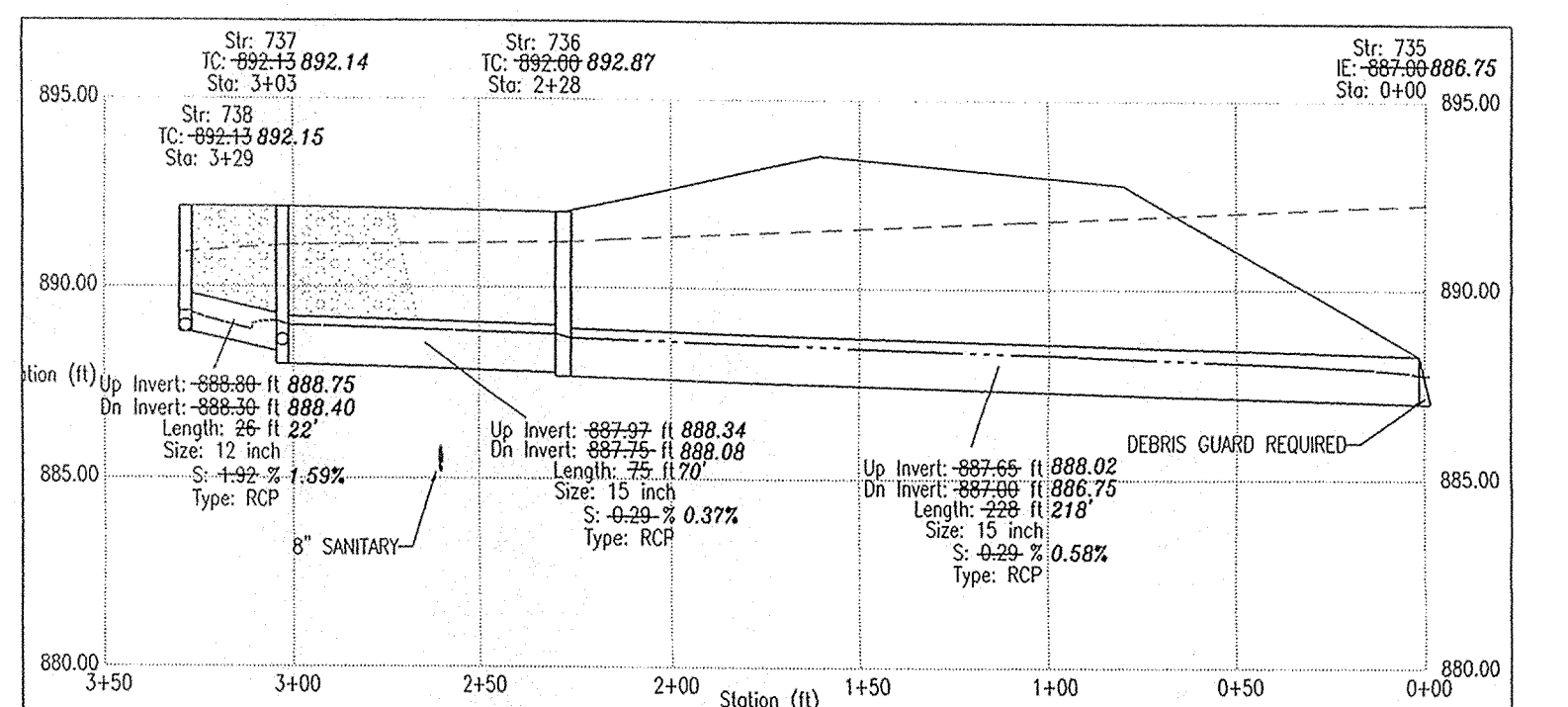
PROFILE 727-730

HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'



PLAN 735-738

SCALE: 1" = 50'



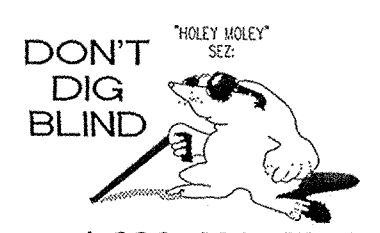
PROFILE 735-738

HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'

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OCT 04 2002

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CAUTION
LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, shafts, valves, and records 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 OBTAINED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

REFERENCES : SHEET: SE-00389; W783TOP0; STM-PP;
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FILE NAME: ASB-00389.dwg
MID INT: 30-SEP-02, 14:52:08 / GNC

PROFILE 712-715

HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'

7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 842-6377 FAX (317) 841-7798
E-Mail: picrpe@picrpe.com

THE RESERVE AT SPRING MILL, L.P.
PO BOX 554
CARMEL, INDIANA 46082

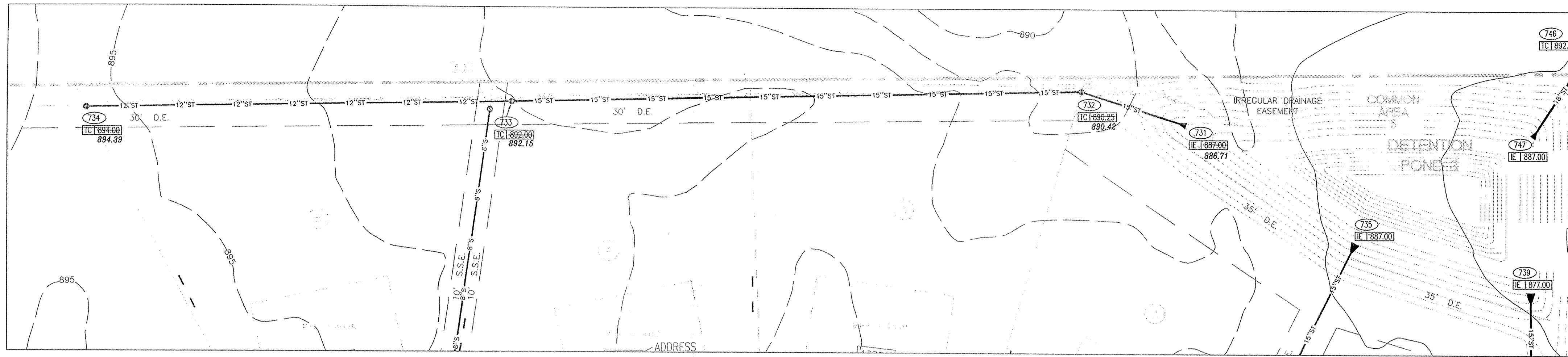
PHONE: (317) 386-9883 FAX: (317) 386-9786

STORM SEWER PLAN AND PROFILE AS-BUILTS
THE ESTATES OF CLAY WEST

CERTIFIED BY: TRENTE NEWPORT REGISTERED PROFESSIONAL ENGINEER 19700381 STATE OF INDIANA

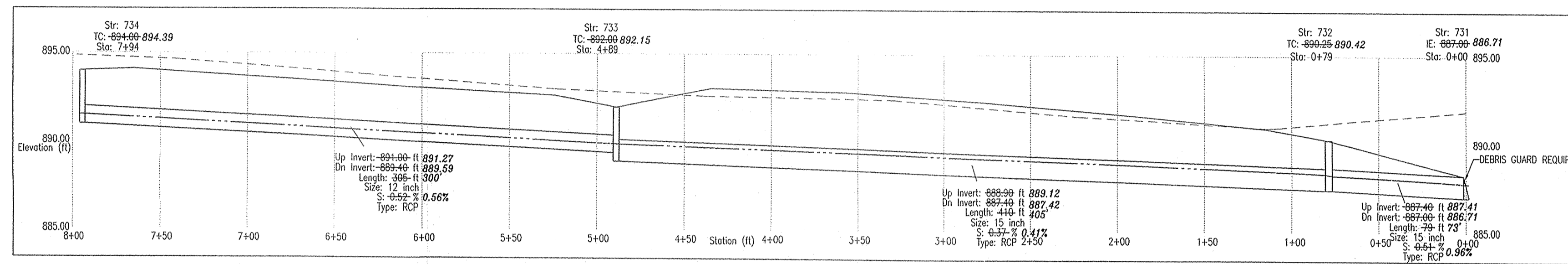
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Quality Assurance: [Signature]

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Sheet: C702
Date: 09-01-00
Project Number: 000389-2000



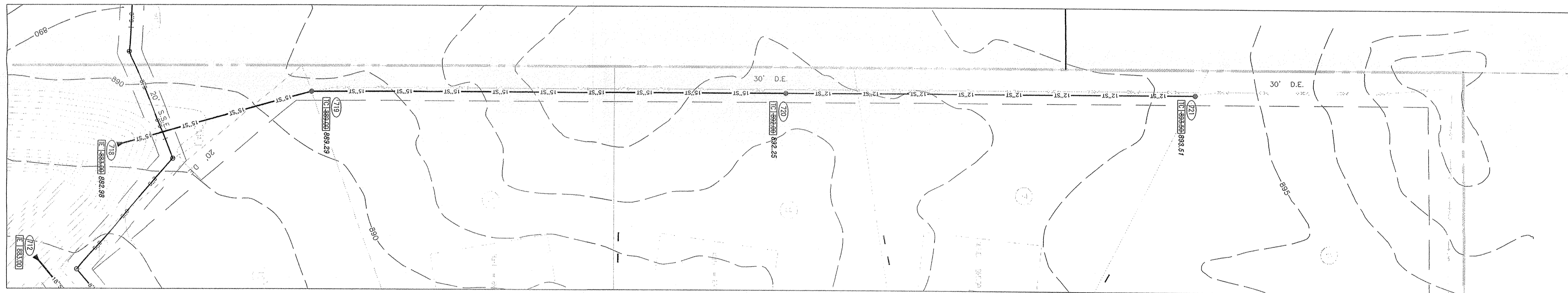
PLAN 731-734

SCALE: 1" = 50'



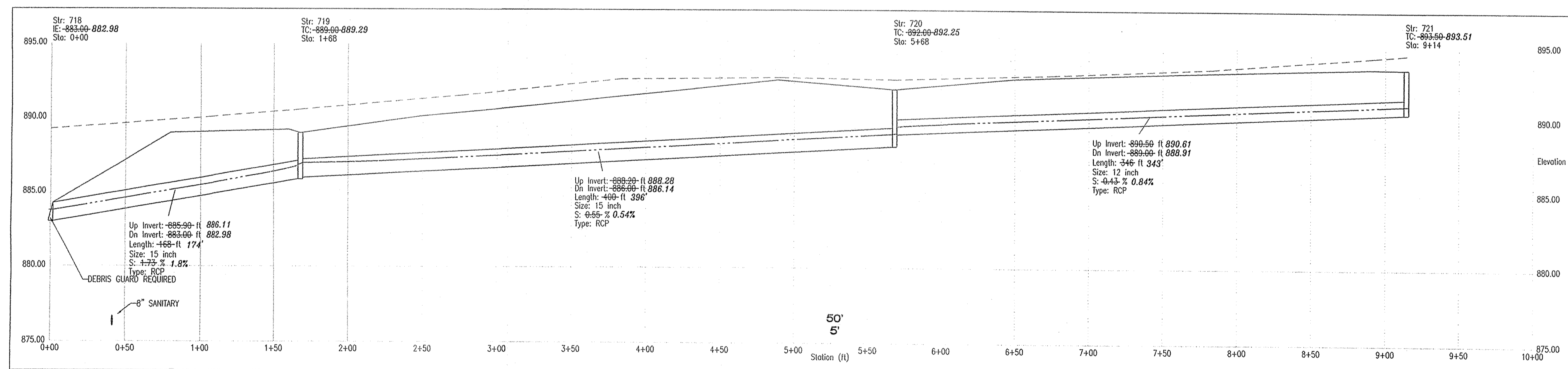
PROFILE 731-734

HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'



PLAN 718-721

SCALE: 1" = 50'

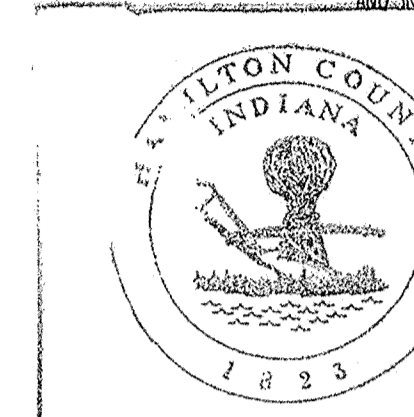


PROFILE 718-721

HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'

STORM SEWER PLAN AND PROFILE NOTES

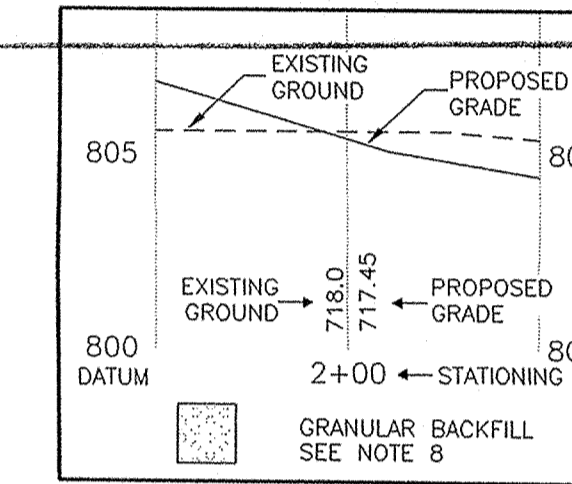
1. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART "F" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
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4. ALL STRUCTURES (E.G. MANHOLES, INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCHMILLS SHALL BE TROWELED SMOOTH AND BRUSH FINISHED.
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6. STORM STRUCTURES WITH INLET CASTINGS SHALL BE SET TO MAINTAIN A POSITIVE DRAINAGE FLOW INTO THE STRUCTURE.
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8. FULL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN (5) FEET OF ALL PAVED AREAS, INCLUDING CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
9. SEE SECTION 02720 FOR STORM SEWERAGE SPECIFICATIONS IN THE PROJECT MANUAL.
10. PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND INCLUDE END SECTIONS.



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Entry Date: 9-15-3

Entered by: J.E.S.
PROFESSIONAL ENGINEER



Revision	Description
10-21-00	ADDED PIPE MATERIAL AND DEBRIS GUARDS TO ALL END SECTIONS.

ARCHITECTURE
• CIVIL ENGINEERS
• LANDSCAPE ARCHITECTURE
• LAND SURVEYORS
• ENVIRONMENTAL CONSULTANTS
• TRANSPORTATION ENGINEERS

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(317) 842-6777 FAX (317) 841-4798
E-Mail: pic@pic-engineers.com

STORM SEWER PLAN AND PROFILE AS-BUILTS
THE ESTATES OF CLAY WEST
THE RESERVE AT SPRING MILL, L.P.
PO BOX 554
CARMEL, INDIANA 46082

PHONE: (317) 580-9993 FAX: (317) 580-9998

CERTIFIED BY:

Drawn By:

Checked By:

Quality Assurance:

Scale: 0 Scale: 1" = 5'

Sheet: C703

Date: 09-01-00

Project Number: 000389-20000

ENTIRE SHEET REISSUED
-ADDED PIPE MATERIAL DESIGNATION
-ADDED DEBRIS GUARDS TO PROFILES.

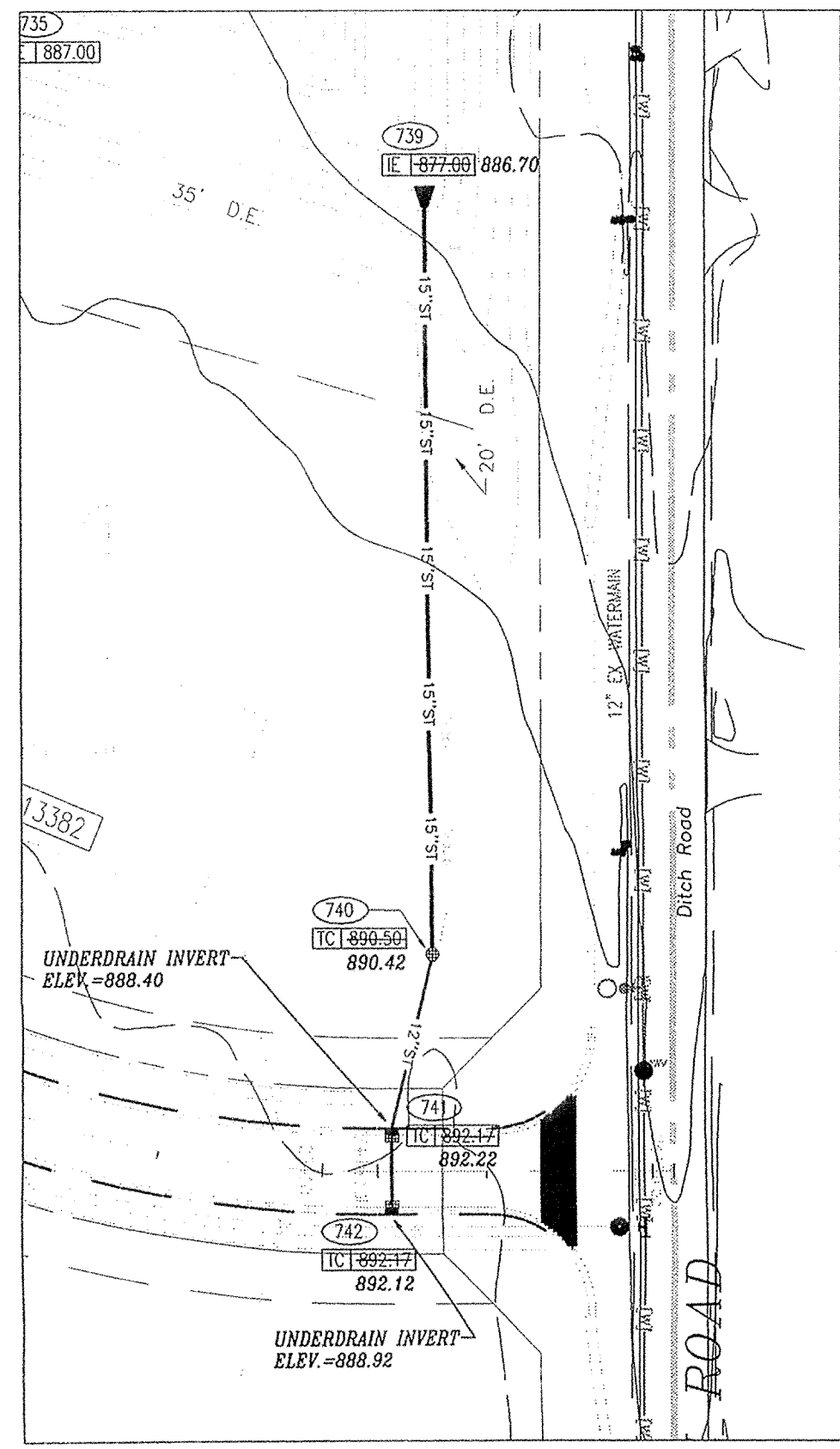
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OCT 04 2002

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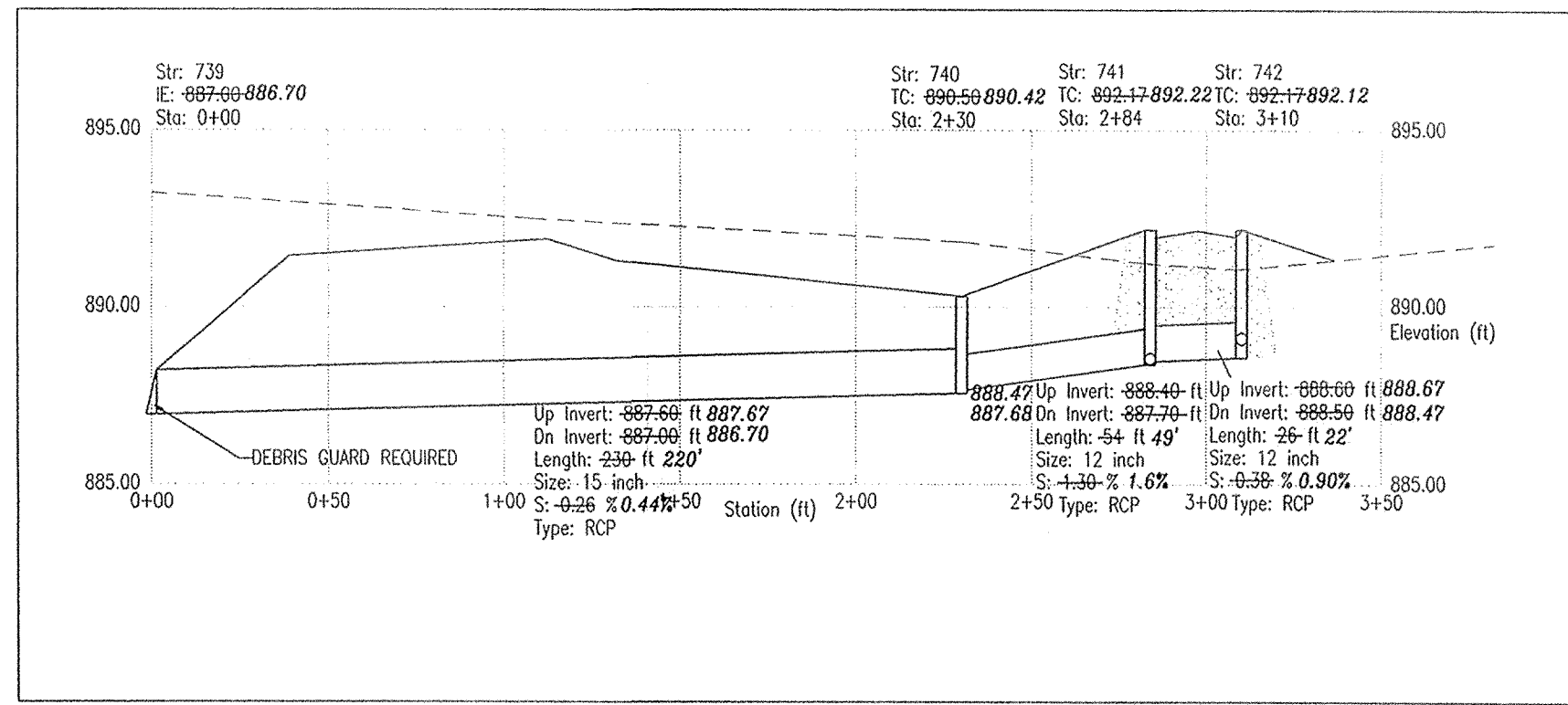
1-800-382-5544
1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA

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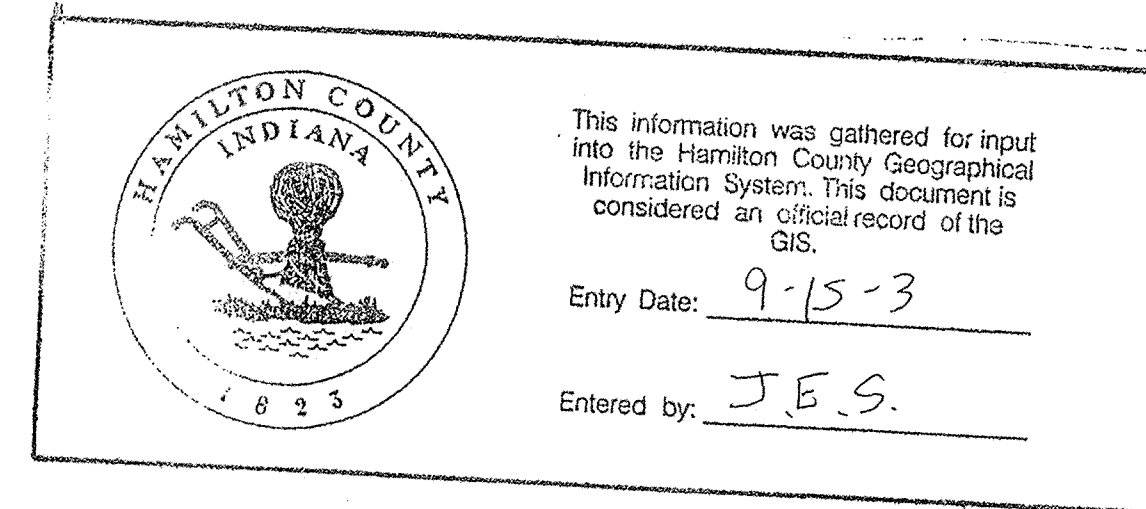
PLAN 739-743

SCALE: 1" = 50'



PROFILE 739-742

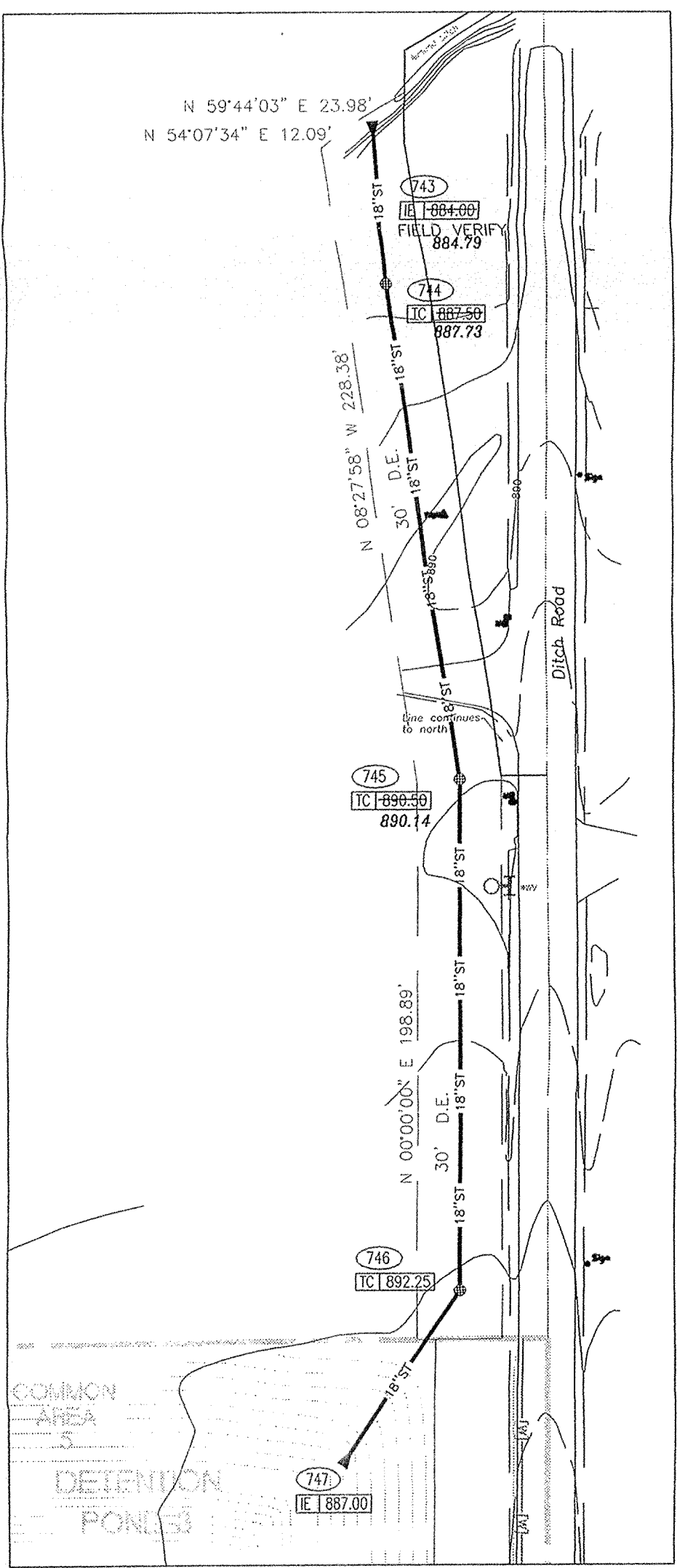
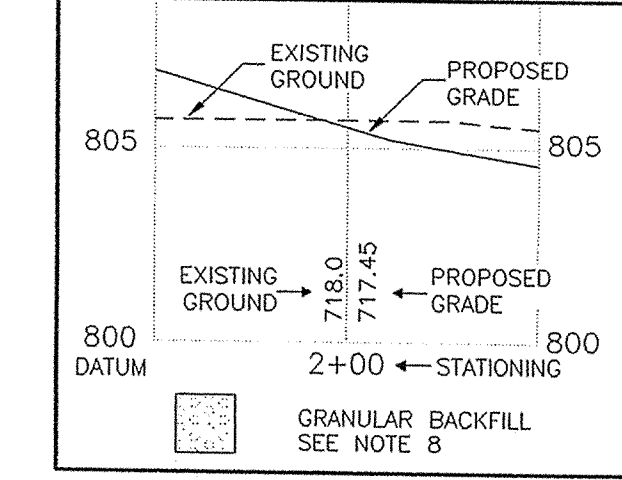
HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'



STORM SEWER PLAN AND PROFILE NOTES

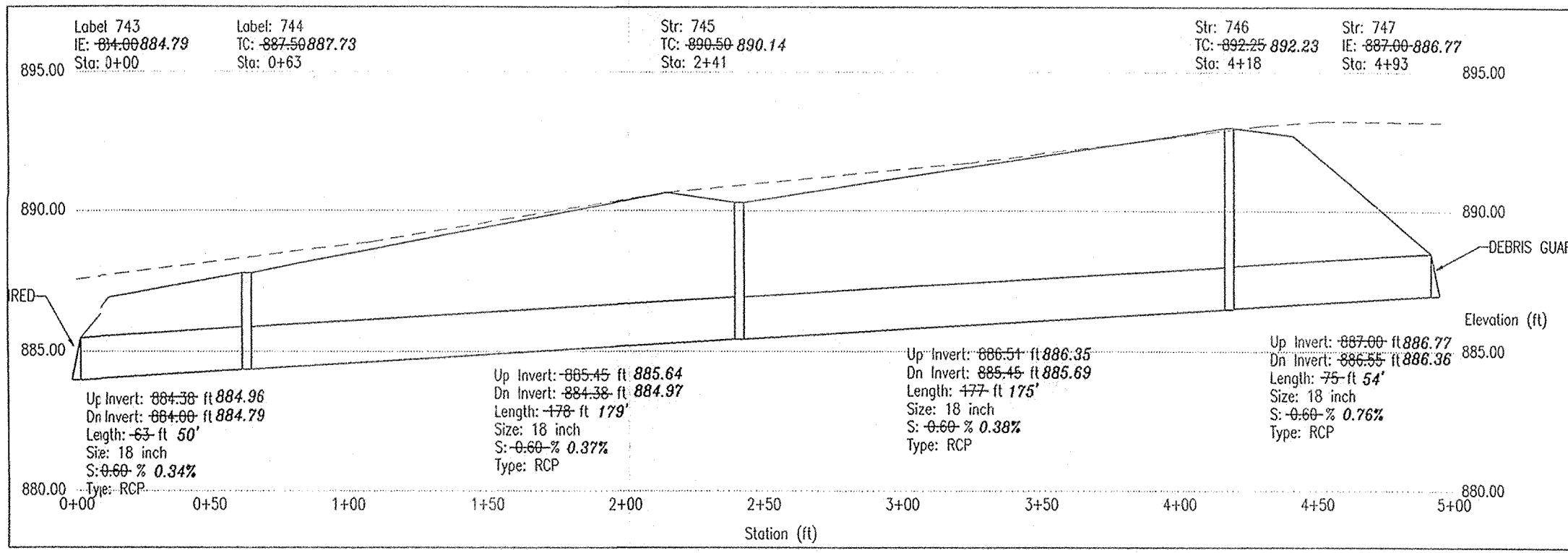
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PROFILE LEGEND



PLAN 743-747

SCALE: 1" = 50'



PROFILE 743-747

HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'

STORM SEWER STRUCTURE DATA TABLE. Table with columns: Structure Number, Structure Type, Depth (feet), Detail, Casting, Description. Includes structures 700 through 748.

STORM SEWER PIPE DATA TABLE. Table with columns: Upstream Node, Downstream Node, Section Size, Material, Length (ft), Slope. Includes structures 700 through 748.

10-23-00

- NOTES:
1. THE DEPTH OF THE STRUCTURE IS CALCULATED FROM THE TC OR RM ELEVATION TO THE INVERT OUT.
2. THE PIPE LENGTHS ARE FROM THE CENTER OF THE STRUCTURE TO THE CENTER OF THE STRUCTURE AND INCLUDE END SECTIONS.
3. SEE STORM SEWER PLAN & PROFILES SHEETS TO CONFIRM PIPE LENGTHS AND STRUCTURE INFORMATION PRIOR TO FABRICATION.
4. HAMILTON COUNTY REGULATED DRAIN DESIGN DETAILS AND STANDARDS APPLY.
5. STRUCTURES DEEPER THAN 48" FROM TC OR RM TO INVERT WILL BE A MANHOLE OR A BOX WITH STEPS UNLESS APPROVED.
6. COUNTY MAY REQUIRE STEPS TO BE INSTALLED AFTER STRUCTURE IS SET, TO IMPROVE ACCESS.

ENTIRE SHEET REISSUED
-ADDED PIPE MATERIAL DESIGNATION
-ADDED DEBRIS GUARDS TO PROFILES.

ST-71 STORM STRUCTURE DATA NO SCALE

FILED OCT 04 2002

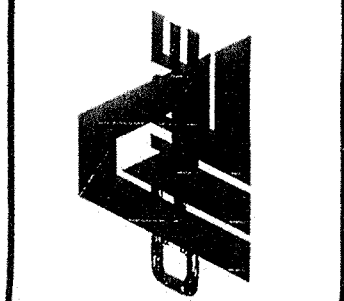
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Revision table with columns: Revision, Date, Description. Shows revisions 1 through 4.

ARCHITECTURE: LANDSCAPE ARCHITECTURE, LAND PLANNING, LAND SURVEYING, CONSULTANTS, TRANSPORTATION ENGINEERS, GIS. 7172 GRAHAM ROAD INDIANAPOLIS, INDIANA 46250 (317) 842-6777 FAX (317) 841-4798 E-Mail picrpe@picrpe.com



STORM SEWER PLAN AND PROFILE AS-BUILTS THE ESTATES OF CLAY WEST THE RESERVE AT SPRING MILL, L.P. PO BOX 554 CARMEL, INDIANA 46082 PHONE (317) 550-9683 FAX (317) 550-9786

CERTIFIED BY: TREAT E. NEWPORT REGISTERED PROFESSIONAL ENGINEER 19700381 STATE OF INDIANA. Down By: Checked By: Quality Assurance: Scale: 1" = 50'. Sheet: C704. Date: 09-01-00. Project Number: 000389-20000.