

Drain: SADDLE CREEK **Drain #:** 295
Improvement/Arm: SECTION 10 & 11 ARM
Operator: JONATHAN HULL **Date:** 6-21-04
Drain Classification: Urban/Rural **Year Installed:** 2002

GIS Drain Input Checklist

- Pull Source Documents for Scanning JCH
- 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 JCH JCH
- Enter Drain Age into Posse JCH
- Sum drain length for Watershed in Posse JCH
- Check Database entries for errors _____

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

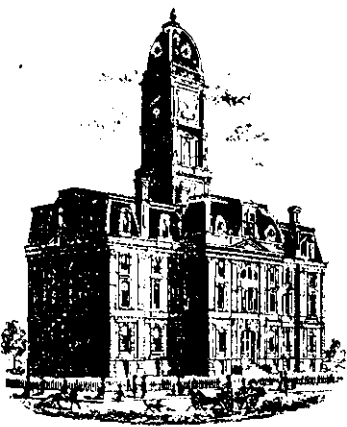
Drain-Improvement: Saddle Creek Sec. 10 & 11

Drain Type:	Size:	Length Final Report	Length (DB Query)	Length Reconcile	Price:	Cost:
RCP	12"	1162'	1162'			
RCP	15"	377'	377'			
RCP	18"	942'	942'			
RCP	21"	467'	467'			
RCP	27"	505'	505'			
SSD	6"	8919'	8919'			
2 Rows RCP	24"	46'	46'			
3 Rows RCP	36"	49'	49'			

Sum: 12,467 12,467 _____

Final Report: 12,467

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*

August 12, 2002

To: Hamilton County Drainage Board

Re: Saddle Creek Drain, Section 10 & 11 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Section 10 and 11 Arm, Saddle Creek 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	16,088 ft	27" RCP	515 ft
12" RCP	1,153 ft	21" RCP	478 ft
15" RCP	405 ft	2-24" RCP	52 ft
18" RCP	946 ft	3-36" CMP	30 ft

The total length of the drain will be 19,667 feet.

The retention ponds (lakes) located in Common Areas 1, 2 and 5 will be considered part of the regulated drain. Only inlet and outlet will be maintained as part of the regulated drain. The maintenance, such as mowing, of the ponds (lakes) 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. Only the main SSD lines, which are located within the right of way, are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain.

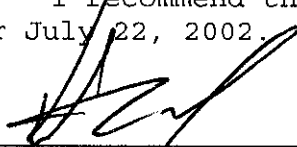
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$30.00 per lot, \$5.00 per acre for roadways with a \$30.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$2,500.00.

Parcels assessed for this drain will also be assessed for the O. F. Henley Drain.

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 easement widths as shown on the secondary plat Saddle Creek Sections 10 and 11 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for July 22, 2002.



Kenton C. Ward
Hamilton County Surveyor

KCW/11m

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

TO: HAMILTON COUNTY DRAINAGE BOARD
 % Hamilton County Surveyor, Courthouse, Noblesville, IN 46060

In the matter of Saddle Creek Subdivision, Sections 10 & 11 Drain
Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in Saddle Creek, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefitted thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 100% of the Engineers estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.

FILED
APR 03 2002

0217

3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain File.

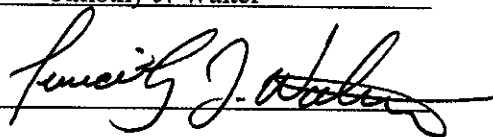
4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.

5. The Petitioner shall comply with the Erosion Control Plan as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioner cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain.

Printed Name Timothy J. Walter

Signed



Printed Name _____

RECORDED OWNER(S) OF LAND INVOLVED

DATE _____

FILED

APR 03 2002

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

TO: HAMILTON COUNTY DRAINAGE BOARD
% Hamilton County Surveyor, Courthouse, Noblesville, IN 46060

In the matter of Saddle Creek Subdivision,
Section 10 Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in Saddle Creek Section 10, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

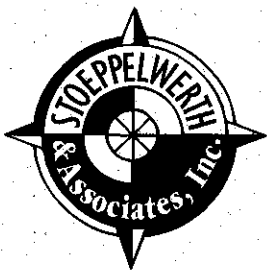
The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 100% of the Engineers estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.

FILED

SEP 19 2001

962



CONSULTING ENGINEERS
LAND SURVEYORS

R.M. Stoepfelwerth, PE, PLS • David J. Stoepfelwerth, PE, PLS • Curtis C. Huff, PLS • Dennis D. Olmstead, PLS • Jeffery W. Darling, PLS

July 2, 2002

Hamilton County Surveyor
One Hamilton County Square
Suite 188
Noblesville, Indiana 46060

Attention: Steven Cash

Re: Saddle Creek, Sections 10 & 11

Dear Mr. Cash:

Please accept the following Engineer's Estimate for Saddle Creek, Sections 10 & 11. The estimate is as follows:

Section 10

Storm Sewer	\$125,000.00
Sanitary Sewer Design	\$17,000.00
Erosion Control	\$20,000.00

Section 11

Storm Sewer	\$87,000.00
Sanitary Sewer Design	\$20,000.00
Erosion Control	\$22,000.00

Witness my signature this 2nd day of July, 2002.

David J. Stoepfelwerth
Professional Engineer
No. 19358

FILED

JUL 02 2002

OFFICE OF HAMILTON COUNTY SURVEYOR



S:\42611S10&11\Agency



SCHEER'S

1023 W. 55TH ST., COUNTRYSIDE, IL 60525 708-352-6282



HC DB 2002 - 00326

SUBDIVISION BOND

Bond No.: B21857075

Principal Amount: \$307,570.00

KNOW ALL MEN BY THESE PRESENTS, that we Ditch Road Properties, LLC

9551 Delegates Row Indianapolis IN 46240

as Principal, and

Gulf Insurance Company

3055 Lebanon Road, Suite 3-1100 Nashville TN 37214 a CT

Corporation, as Surety, are held and firmly bound unto

Hamilton County Board of Commissioners,

One Hamilton County Square Noblesville IN 46060

as Obligee, in the penal sum of

Three Hundred Seven Thousand Five Hundred Seventy Dollars and 00/100

(Dollars) (\$ 307,570.00), lawful money of the United States of America, for the payment of which well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, Ditch Road Properties, LLC has agreed to construct in Saddle Creek, Section 10 & 11 Subdivision, in Hamilton County, IN the following improvements:

Storm Sewers, SSD, Erosion Control, Monumentation

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal shall construct, or have constructed, the improvements herein described, and shall save the Obligee harmless from any loss, cost or damage by reason of its failure to complete said work, then this obligation shall be null and void, otherwise to remain in full force and effect, and the Surety, upon receipt of a resolution of the Obligee indicating that the improvements have not been installed or completed, will complete the improvements or pay to the Obligee such amount up to the Principal amount of this bond which will allow the Obligee to complete the improvements.

Upon approval by the Obligee, this instrument may be proportionately reduced as the public improvements are completed.

Signed, sealed and dated, this 28 day of June, 2002

Ditch Road Properties, LLC Principal

By: [Signature]

Gulf Insurance Company Surety

By: [Signature] Bonnie Kruse Attorney-in-Fact

00326

ORIGINALS OF THIS POWER OF ATTORNEY ARE PRINTED ON BLUE SAFETY PAPER WITH TEAL INK.

KNOW ALL MEN BY THESE PRESENTS: That the Gulf Insurance Company, a corporation duly organized under the laws of the State of Connecticut, having its principal office in the city of Irving, Texas, pursuant to the following resolution, adopted by the Finance & Executive Committee of the Board of Directors of the said Company on the 10th day of August, 1993, to wit:

"RESOLVED, that the President, Executive Vice President or any Senior Vice President of the Company shall have authority to make, execute and deliver a Power of Attorney constituting as Attorney-in-Fact, such persons, firms, or corporations as may be selected from time to time; and any such Attorney-in-Fact may be removed and the authority granted him revoked by the President, or any Executive Vice President, or any Senior Vice President, or by the Board of Directors or by the Finance and Executive Committee of the Board of Directors.

RESOLVED, that nothing in this Power of Attorney shall be construed as a grant of authority to the attorney(s)-in-fact to sign, execute, acknowledge, deliver or otherwise issue a policy or policies of insurance on behalf of Gulf Insurance Company.

RESOLVED, that the signature of the President, Executive Vice President or any Senior Vice President, and the Seal of the Company may be affixed to any such Power of Attorney or any certificate relating thereto by facsimile, and any such powers so executed and certified by facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond and documents relating to such bonds to which they are attached.

Gulf Insurance Company does hereby make, constitute and appoint

Lewis James Scheer Michael J. Scheer James I. Moore Alice Rhoads
Bonnie Kruse Stephen T. Kazmer Dawn L. Morgan Peggy Faust Kelly A. Jacobs
Elaine Marcus Jennifer J. McComb

its true and lawful attorney(s)-in-fact, with full power and authority hereby conferred in its name, place and stead, to sign, execute, acknowledge and deliver in its behalf, as surety, any and all bonds and undertakings of suretyship, and to bind Gulf Insurance Company thereby as fully and to the same extent as any bonds, undertakings and documents relating to such bonds and/or undertakings were signed by the duly authorized officer of the Gulf Insurance Company and all the acts of said attorney(s)-in-fact, pursuant to the authority herein given, are hereby ratified and confirmed.

The obligation of the Company shall not exceed five million (5,000,000) dollars.

IN WITNESS WHEREOF, the Gulf Insurance Company has caused these presents to be signed by any officer of the Company and its Corporate Seal be hereto affixed.

GULF INSURANCE COMPANY

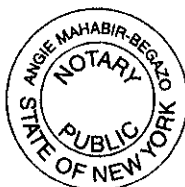
STATE OF NEW YORK }
COUNTY OF NEW YORK } SS



Lawrence P. Minter
Lawrence P. Minter
Executive Vice President

On this 1st day of October, AD 2001, before me came Lawrence P. Minter, known to me personally who being by me duly sworn, did depose and say that he resides in the County of Bergen, State of New Jersey; that he is the Executive Vice President of the Gulf Insurance Company, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instruments is such corporate seal and that it was so affixed by order of the Board of Directors of said corporation and that he signed his name, thereto by like order.

STATE OF NEW YORK }
COUNTY OF NEW YORK } SS



Angie Mahabir-Begazo
ANGIE MAHABIR-BEGAZO
Notary Public, State of New York
No. 01MA6019988
Qualified in Kings County
Commission Expires February 16, 2003

I, the undersigned, Senior Vice President of the Gulf Insurance Company, a Connecticut Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force.

Signed and Sealed at the City of New York.

Dated the 28th day of June, 2001



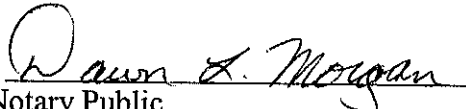
George Biancardi
George Biancardi
Senior Vice President

STATE OF ILLINOIS }
 }
COUNTY OF COOK }

On June 28, 2002, before me, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared Bonnie Kruse, known to me to be Attorney-in-Fact of Gulf Insurance Company, the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument in behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires March 29, 2004


Notary Public



BOND CHECKLIST

Please be sure to thoroughly review this document before presenting it to the Obligee:

- Is this the correct bond form?
- Is the information on the bond correct?
- Has the bond been signed, sealed and notarized (if applicable)?

FILED

JUL 02 2002

OFFICE OF HAMILTON COUNTY SURVEYOR

FINDINGS AND ORDER

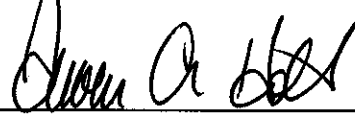
CONCERNING THE MAINTENANCE OF THE

Saddle Creek Drain, Sections 10 & 11

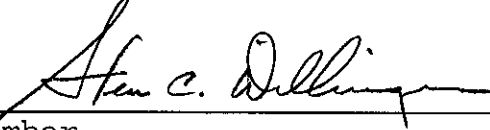
On this *23rd day of September 2002*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Saddle Creek Drain, Sections 10 & 11*.

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD



President

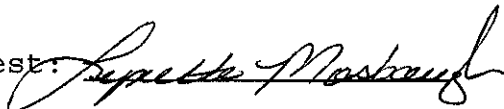


Member



Member

Attest:



GASB 34 – Value Calculations

Saddle Creek Sec. 10 & 11

Bond Amount: \$307,570.00 – (\$16,570.00 for Monuments) = \$291,000.00

Drain Footage: OF Henley Drain: 1245 feet

Saddle Creek Sec. 10,11: 12,467 feet

Stultz & Almond: 1304 feet

Total Drain: 15,016 feet

OF Henley Drain: $0.08(291,000) = \$23,280.00$

Saddle Creek Sec. 10,11 : $0.83(291,000) = \$241,530.00$

Stultz & Almond: $0.09(291,000) = \$26,190.00$

CERTIFICATE OF COMPLETION AND COMPLIANCE
Saddle Creek, Sections 10 & 11

Address of premises on which
land alteration was accomplished 141st Street & Towne Road

Inspection Date(s): _____ Permit No. _____

Relative to plans prepared by: Stoepelwerth and Associates, Inc.

on March 9, 2002.

I hereby certify that:

To the best of my knowledge, information and belief such land
alteration has been performed and completed in conformity with the improved
plan, except _____

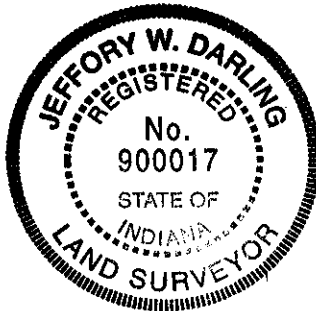
Signature Jeffery W. Darling Date: December 20, 2002

Typed Name: Jeffery W. Darling Phone: (317 849-5935)

Business Address 9940 Allisonville Rd., Fishers, Indiana 46038

Surv. Engr. _____ Arch. _____ Indiana Registration No. RLS # 900017

(SEAL)



10265COM/IWP/FORM

FILED

DEC 23 2002

OFFICE OF HAMILTON COUNTY SURVEYOR



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 29, 2004

To: Hamilton County Drainage Board

Re: Saddle Creek: Saddle Creek 10 & 11

Attached are as-builts, certificate of completion & compliance, and other information for Saddle Creek Sec. 10 & 11. 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 August 12, 2002. The report was approved by the Board at the hearing held September 23, 2002. (See Drainage Board Minutes Book 6, Pages 441-442) The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Grade:	Original:	Difference:
875		898.74					
876		898.74	3-36"	49	0	48	1
814	905.12	901.46					
813	905.09	901.19	12	30	0.9		
813	905.09	901.19					
812		899.95	12	62	2	65	-3
819	906.77	903.77					
818	906.7	902.84	12	30	0.76		
818	906.7	902.84					
817		899.99	12	69	4.13	73	-4
823	908.17	904.61					
822	908.12	904.34	12	36	0.75	35	1
822	908.12	904.34					
821	908.44	903.96	15	43	0.88		
821	908.44	903.96					
820		899.94	15	175	2.3	180	-5
809A	907.05	903.91					
809	907.59	902.15	12	19	9.26	21	-2
811	905.74	902.64					
810	905.69	902.28	15	51	0.7		
810	905.69	902.28					
809	907.59	901.52	18	276	0.27		
809	907.59	901.52					
808	905.02	900.32	18	400	0.3		

808	905.02	900.32					
807		899.87	21	83	0.54	88	-5
826		903.27					
825	909.49	902.73	12	100	0.54		
825	909.49	902.73					
824		899.97	12	442	0.62	444	-2
848		906.32					
847		906.18	2-24"	23	0.61	24	-1
853		905.19					
852A	907.04	904.41	12	76	1.03	78	-2
852A	907.04	904.41					
852	910.34	904.01	21	122	0.33		
852	910.34	904.01					
851	909.91	903.93	21	34	0.24	35	-1
851	909.91	903.93					
850	909.9	903.85	21	30	0.27		
850	909.9	903.85					
849	903.52	903.52	27	166	0.2	171	-5
846	908.27	904.66					
845	908.16	904.53	15	30	0.43		
845	908.16	904.53					
844	908.75	904.12	18	59	0.69	58	1
844	908.75	904.12					
843		903.46	21	198	0.33	203	-5
840		904.53					
839		904.43	2-24"	23	0.43	28	-5
842A	910.48	907.35					
842	910.55	907.17	12	30	0.6		
842	910.55	907.17					
841		903.58	12	245	1.47	247	-2
838	909.14	905.58					
837	909.19	905.5	15	30	0.27		
837	909.19	905.5					
836	909.54	905.34	15	48	0.33		
836	909.54	905.34					
835	909.53	905.12	18	30	0.73		
835	909.53	905.12					
834		903.58	18	177	0.87	180	-3
828	908.98	904.53					
827		903.54	27	339	0.29	344	-5
808A	904.74	902.07					
808	905.02	901.61	12	23	2	21	2

6" SSD Streets:

Secretariat Ct.	226.5
Beaumont Blvd.	440
Breeder's Ct.	312.5
Stallion Ct.	269.5
Equine Ct.	230

RCP Pipe Totals:

12	1162
15	377
18	942
21	467
27	505

Mustang Chase Dr.	2981
Totalx2:	<u>8919</u>

2-24"	46
3-36"	49
Total:	<u>3548</u>

The length of the drain due to the changes described above is now **12,467 feet**.

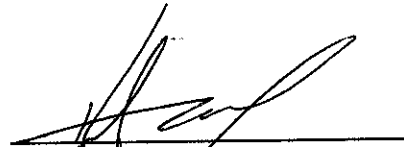
The non-enforcement was approved by the Board at its meeting on September 23, 2002 and recorded under instrument #200300011405, #200300011406.

The following sureties were guaranteed by Gulf Insurance Company and released by the Board on its October 11, 2004 meeting.

Bond-LC No: B21857075
Insured For: Storm Sewers, SSD, Eroision Control & Monumentation
Amount: \$307,570
Issue Date: June 28, 2002

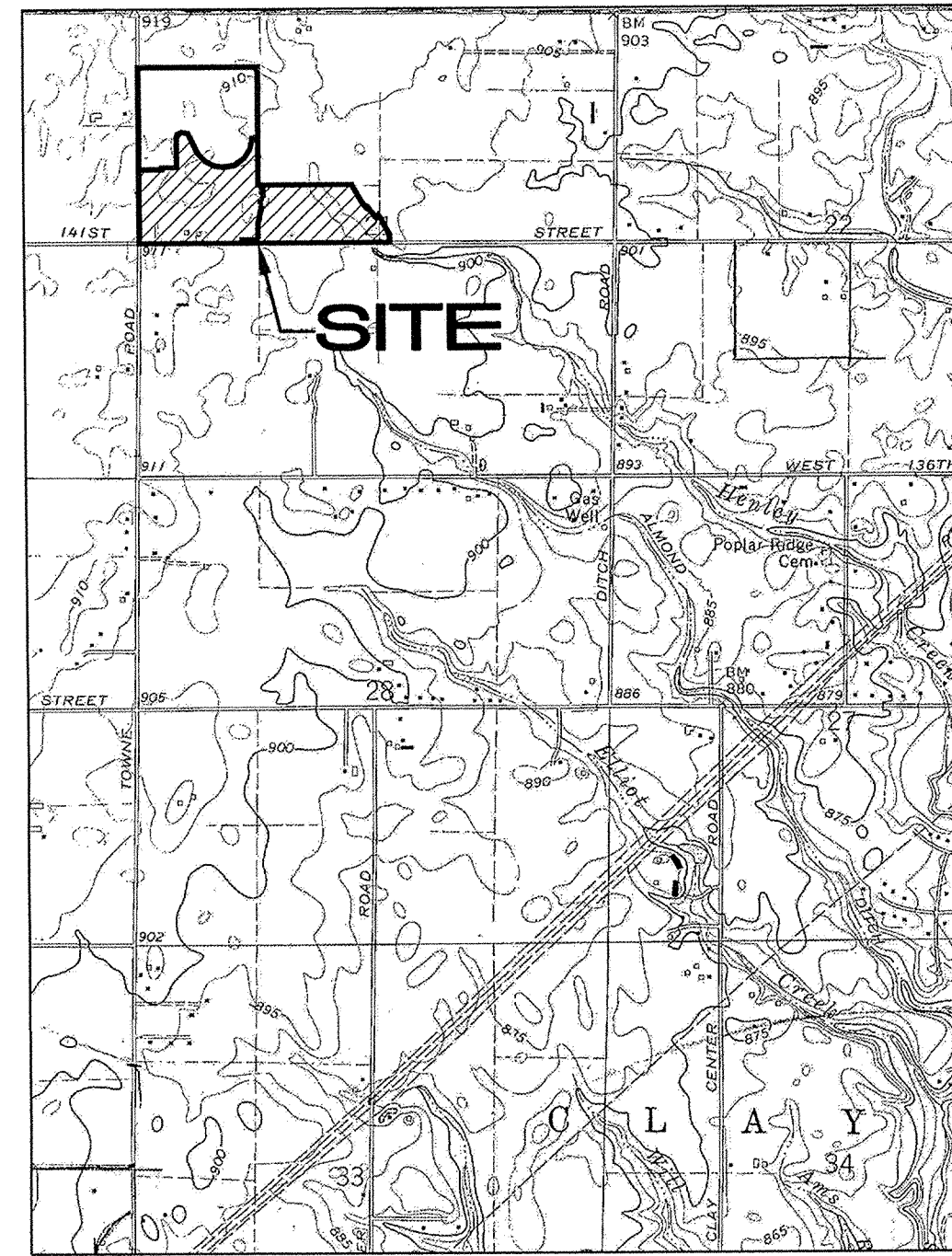
I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,



Keriton C. Ward,
Hamilton County Surveyor

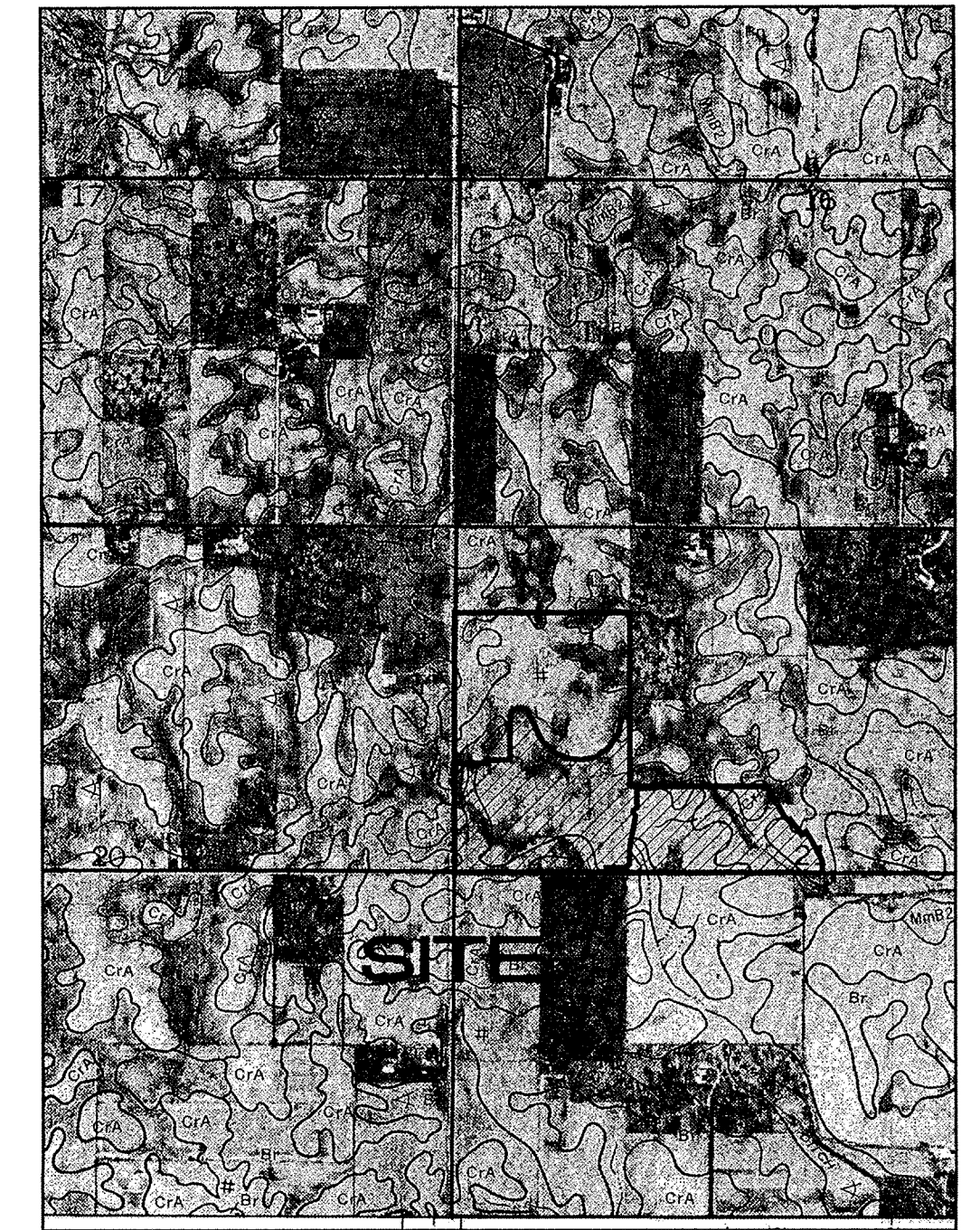
KCW/slm



LOCATION MAP

SADDLE CREEK SECTION 10 - 11

Developed by:
DITCH ROAD PROPERTIES
9551 DELEGATES ROW
INDIANAPOLIS, INDIANA 46240
(317)-818-2900
CONTACT: TIM WALTER



SOILS MAP

INDEX	
SHT.	DESCRIPTION
1	COVER SHEET
2	TOPOGRAPHICAL SURVEY
3	TOPOGRAPHICAL SURVEY
4	TOPOGRAPHICAL SURVEY
5	SITE DEVELOPMENT PLAN
6	SITE DEVELOPMENT PLAN
7	SITE DEVELOPMENT PLAN
8	SITE DEVELOPMENT PLAN SEC.12
9	SITE DEVELOPMENT PLAN SEC.12
10	EROSION CONTROL PLAN
11	EROSION CONTROL PLAN
12	EROSION CONTROL PLAN
13	EROSION CONTROL PLAN SEC.12
14	EROSION CONTROL PLAN SEC.12
15	EROSION CONTROL SPECIFICATIONS
16	STREET PLAN & PROFILE
17	STREET PLAN & PROFILE
18	STREET PLAN & PROFILE
19	STREET PLAN & PROFILE
20	ENTRANCE DETAIL
21	INTERSECTION DETAILS
22	INTERSECTION DETAILS
23	SANITARY SEWER PLAN & PROFILES
24	SANITARY SEWER PLAN & PROFILES
25	SANITARY SEWER PLAN & PROFILES
26	SANITARY SEWER PLAN & PROFILES
27	STORM SEWER PLAN & PROFILES
28	STORM SEWER PLAN & PROFILES
29	STORM SEWER PLAN & PROFILES
30	STORM SEWER PLAN & PROFILES
30A	STORM SEWER PLAN & PROFILES
30B	STORM SEWER PLAN & PROFILES
31	SUB-SURFACE & UTILITY PLAN
32	SUB-SURFACE & UTILITY PLAN
33	WATER DISTRIBUTION PLAN
34	WATER DISTRIBUTION PLAN
35	TRAFFIC CONTROL PLAN
36	TRAFFIC CONTROL PLAN
37	TRAFFIC MAINTENANCE PLAN
38	CONSTRUCTION DETAILS
39	CONSTRUCTION DETAILS
40	CONSTRUCTION DETAILS

REVISIONS	
SHT.	DESCRIPTION
ALL	REVISE PER TAC COMMENTS 4/30/02 TWF
ALL	REVISE PER TAC COMMENTS 6/4/02 TWF
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 30A, 30B, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40	REV PER SURVEYOR'S COMMENTS 6/18/02 ADG
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 30A, 30B, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40	REV STORM IN LEGAL DRAIN PER AGENCY 7/2/02 ADG
ALL	AS BUILTS 12/19/02 ADG

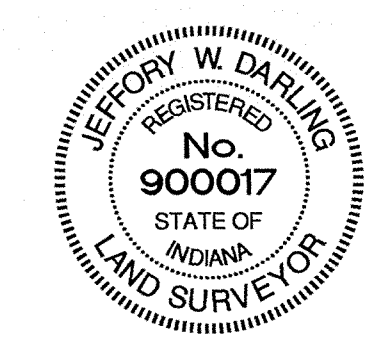
25 MPH DESIGN SPEED

SECTION 10
DESIGN DATA
28 LOTS = 1.44 LOTS/ACRE
19,454 AC.
MUSTANG CHASE DRIVE 1,633.59 L.F.
SECRETARIAT COURT 241.03 L.F.

SECTION 11
DESIGN DATA
46 LOTS = 1.54 LOTS/ACRE
29,891 AC.
CHARIOTS WHISPER DRIVE/MUSTANG CHASE DRIVE 1,387.44 L.F.
BEAUMONT BOULEVARD 607.66 L.F.
BREEDERS COURT 314.48 L.F.
PALOMINO COURT 286.93 L.F.
EQUINE COURT 249.43 L.F.

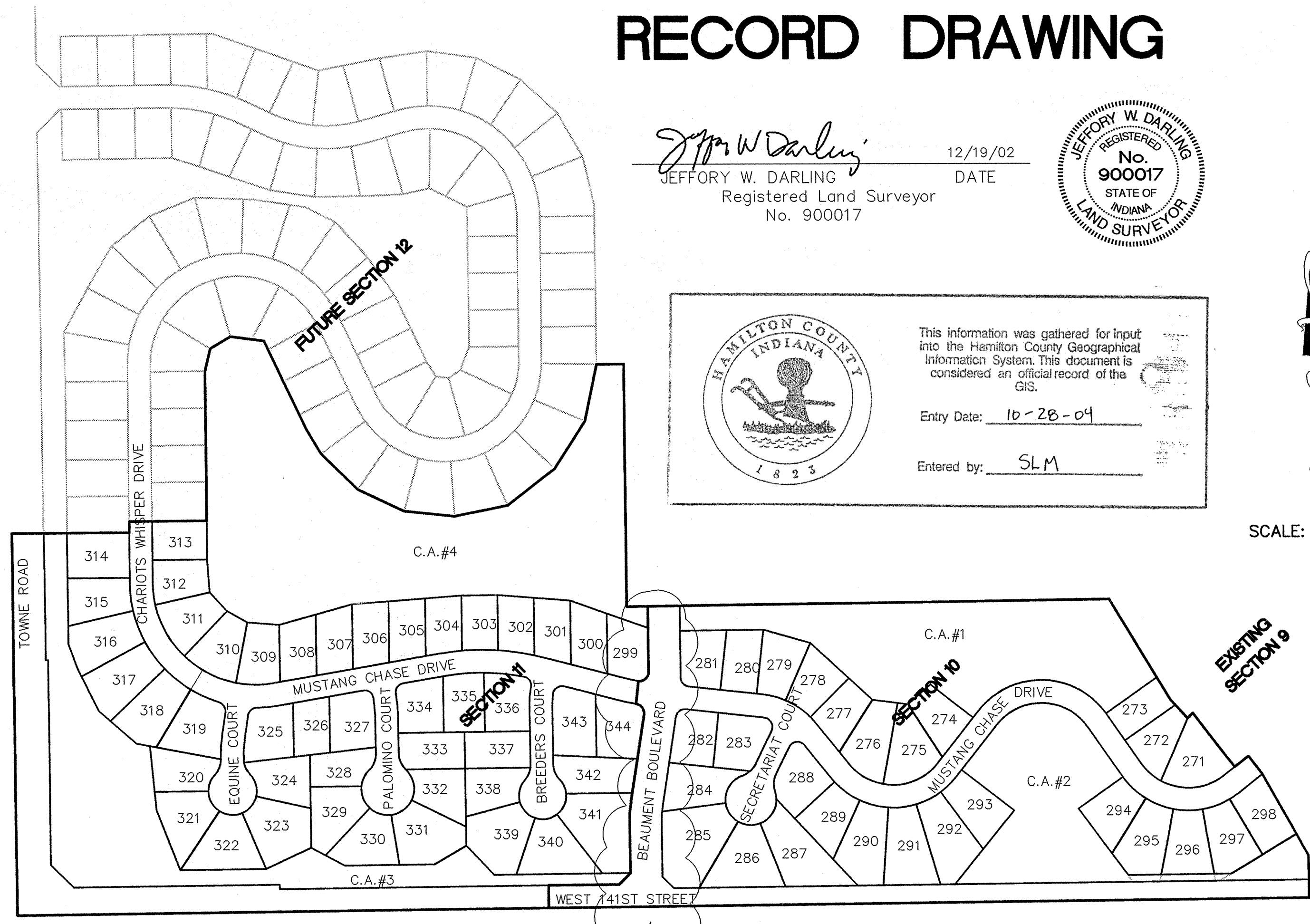
RECORD DRAWING

Jeffery W. Darling
JEFFORY W. DARLING
Registered Land Surveyor
No. 900017
DATE 12/19/02



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: 12-28-04
Entered by: SLM

SCALE: 1"=200'

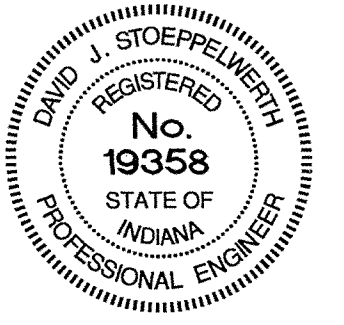


PLANS PREPARED BY:
STOEPPELWERTH & ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
9940 ALLISONVILLE ROAD
FISHERS, INDIANA 46038
PHONE: (317)-849-5935
FAX: (317)-849-5942

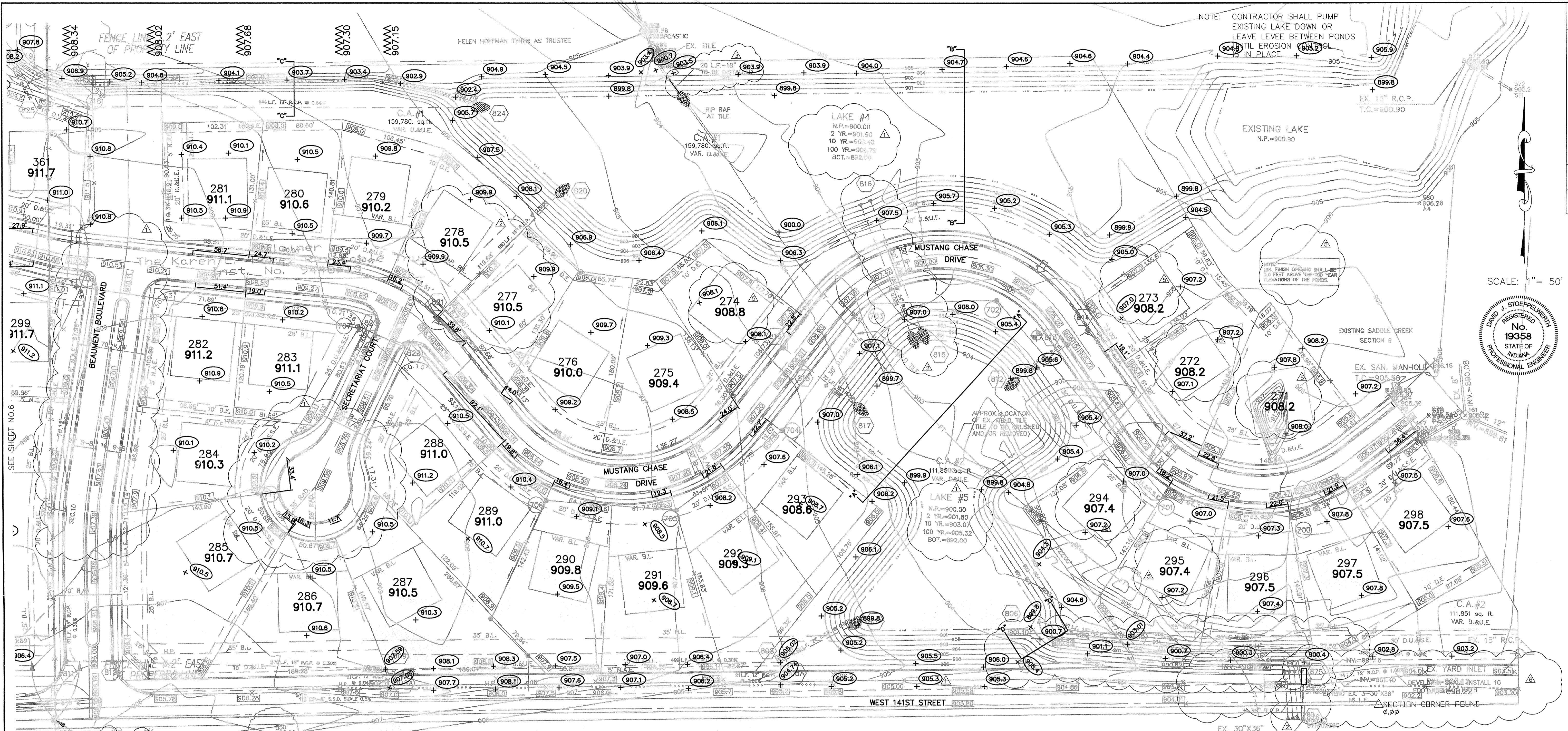
PRINTED
DEC 19 2002

PLANS CERTIFIED BY: FILED
DEC 23 2002

David J. Stoepfelwerth
DAVID J. STOEPPELWERTH DATE 3/29/02
PROFESSIONAL ENGINEER
NO. 19358



S:\426115-10&11\dwg\COVER-SHT.dwg, Layout1, 12/19/2002 10:46:14 AM, ajuwon, 1:1



DATE	BY	REVISIONS
12/16/02	AS-BUILTS	REV. SHALE AND PIPE
7/27/02	DATE	REV. PAD ELEVATIONS
7/27/02	DATE	REV. SANITARY INFORMATION TO STORM CHART
6/19/02	DATE	ADDED CURB & RISE
6/19/02	DATE	REV. STORM STORM CHART, MOVED PADS
4/29/02	DATE	REV. STORM STORM CHART, MOVED PADS
3/29/02	DATE	REVISIONS

SCALE: 1" = 50'

REGISTERED PROFESSIONAL ENGINEER
 No. 19358
 STATE OF INDIANA
 David J. Stappert

CERTIFIED: 3/29/02

CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS INDIANA



RECORD DRAWING

Jeffery W. Darling
 JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017
 DATE: 12/13/02



ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.

NOTE: DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, LIGHT POLES OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.

- EARTHWORK:**
- EXCAVATION
 - Excavated material that is suitable may be used for fills. All unsuitable material and all surplus excavated material not required shall be removed from the site.
 - Provide and place any additional fill material from offsite as may be necessary to produce the grades required on plans. Fill obtained from offsite shall be of quality as specified for fills herein and the source approved by the Developer. It will be the responsibility of the Contractor for any costs for fill needed.
 - REMOVAL OF TREES
 - All trees and stumps shall be removed from areas to be occupied by a road surface or structure area. Trees and stumps shall not be buried on site.
 - PROTECTION OF TREES
 - The Contractor shall, at the direction of the Developer, endeavor to save and protect trees of value and worth which do not impair construction of improvements as designed.
 - In the event cut or fill exceeds 0.5 foot over the root area, the Developer shall be consulted with respect to protective measure to be taken, if any, to preserve such trees.
 - REMOVAL OF TOPSOIL
 - All topsoil shall be removed from all areas beneath future pavements or building. Topsoil removal shall be to a minimum depth of 6 inches or to the depth indicated in the geotechnical report provided by the Developer to be excavated or filled. Topsoil should be stored at a location where it will not interfere with construction operations. The topsoil shall be free of debris and stones.
 - UTILITIES
 - Rules and regulation governing the respective utility shall be observed in executing all work under this section.
 - It shall be the responsibility of the Contractor to determine the location of existing underground utilities 2 working days prior to commencing work. For utility locations to be marked call Toll Free 1-800-382-5544 within Indiana or 1-800-428-5200 outside Indiana.
 - SITE GRADING
 - Do all cutting, filling, compacting of fills and rough grading required to bring entire project area to subgrade as shown on the drawing.
 - The tolerance for paved areas shall not exceed 0.05 feet above established subgrade. All other areas shall not exceed 0.10 feet plus or minus the established grade. Provide roundings at top and bottom of banks and other breaks in grade.
 - The Engineer shall be notified when the Contractor has reached the tolerance as stated above, so that field measurements and spot elevations can be verified by the Engineer. The Contractor shall not remove his equipment from the site until the Engineer has verified that the job meets the above tolerance.

WILSON COUNTY INDIANA

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

Entry Date: 10-20-04
 Entered by: SLM

Stc. No.	Type	To/From	Inverts	Stc. No.	Type	To/From	Inverts
805	MANHOLE	899.65	(NW)(E)	831	CURB INLET	910.99	905.45 (W)(SE)
806	CONC. END SECTION W/GUARD	900.00	(SE)	832	CURB INLET	910.99	905.57 (W)(E)
807	CONC. END SECTION	902.10	(SW)	833	CONC. END SECTION W/GUARD	909.19	906.19 (E)
808	YARD INLET	905.50	(W)(NE)	834	CONC. END SECTION	909.56	906.56 (S)
		901.57	(S)	835	CURB INLET	909.49	905.07 (N)(SE)
808A	YARD INLET	905.20	(N)	836	CURB INLET	909.49	905.19 (N)(SE)
809	YARD INLET	907.50	901.46 (W)(E)	837	CURB INLET	909.09	905.38 (NW)(E)
		902.10	(S)	838	CURB INLET	909.09	905.50 (W)
809A	YARD INLET	907.00	904.00 (W)(E)	839	CONC. END SECTION	909.56	904.42 (N)
810	CURB INLET	905.83	902.32 (W)(E)	840	CONC. END SECTION W/GUARD	904.50	(S)
811	CURB INLET	905.78	902.47 (E)	840A	2"X2" BOX W/ MANHOLE CASTING	905.00	902.83 (W)(SE)
812	CONC. END SECTION	900.00	(NE)	840B	2"X2" BOX W/ MANHOLE CASTING	906.80	903.53 (NW)(E)
813	CURB INLET	901.35	(SW)	841	CONC. END SECTION	904.12	904.12 (W)(SE)
814	CURB INLET	905.15	901.50 (SW)	841	CONC. END SECTION	903.50	903.50 (W)
815	CONC. END SECTION	900.00	(N)	842	CURB INLET	910.58	907.11 (W)(N)
816	CONC. END SECTION W/GUARD	900.00	(NW)	842A	CURB INLET	910.58	907.26 (E)
817	CONC. END SECTION	900.00	(NW)	843	CONC. END SECTION	903.50	903.50 (SW)
818	DBL. CURB INLET	901.05	(NW)(SE)	844	CURB INLET	908.68	904.42 (S)(NE)
819	CURB INLET	903.20	(SE)	845	DBL. CURB INLET	908.27	904.48 (W)(NW)
820	CONC. END SECTION	900.00	(SW)	846	DBL. CURB INLET	908.27	904.60 (E)
821	CONC. END SECTION	902.75	904.15 (SW)(NE)	847	CONC. END SECTION	906.18	(W)
822	CURB INLET	908.17	904.33 (W)(NE)	848	CONC. END SECTION W/GUARD	906.21	(E)
823	CURB INLET	908.22	904.47 (SE)	849	CONC. END SECTION	903.50	(W)
824	CONC. END SECTION	900.00	(W)	850	DBL. CURB INLET	909.87	903.84 (W)(E)
825	MANHOLE	909.50	902.85 (NW)(E)	851	DBL. CURB INLET	909.87	903.90 (SW)(E)
826	CONC. END SECTION W/GUARD	903.50	(SE)	852	MANHOLE	910.50	903.97 (W)(NE)
827	CONC. END SECTION	903.50	(N)	852A	YARD INLET	907.20	904.31 (W)(E)
828	MANHOLE	909.30	904.84 (N)(W)(S)	853	CONC. END SECTION W/GUARD	906.20	904.37 (E)
829	CONC. END SECTION W/GUARD	906.00	(S)	875	CONC. END SECTION W/GUARD	898.74	(S)
830	MANHOLE	911.00	905.27 (NW)(E)	876	CONC. END SECTION	898.74	(N)

LEGEND

- EXISTING CONTOUR
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED GRADE
- PROPOSED CONTOUR
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED SWALE
- PROPOSED 4' SIDEWALK (BY HOME BUILDER) (UNLESS OTHERWISE NOTED) SIDEWALK 5' WEST OF BEAUMONT BLVD.

35
853.0
 LOT NUMBER
 PAD ELEVATION
 PAD SIZE 60'x60' (UNLESS OTHERWISE NOTED)

EMERGENCY FLOOD ROUTE

4" S.S.D. TO LOT

6" S.S.D.

100 YEAR ELEVATION FLOOD ROUTING

ASBUILT GRADE ELEV.

BENCHMARK
 IRON PIN CONTROL POINT
 SET BY P.I. CRIPLE
 ELEV.=904.94

"HOLEY MOLEY" SAYS:
 CAUTION
 LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE, (including, but not limited to, manholes, inlets, valves, & 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.

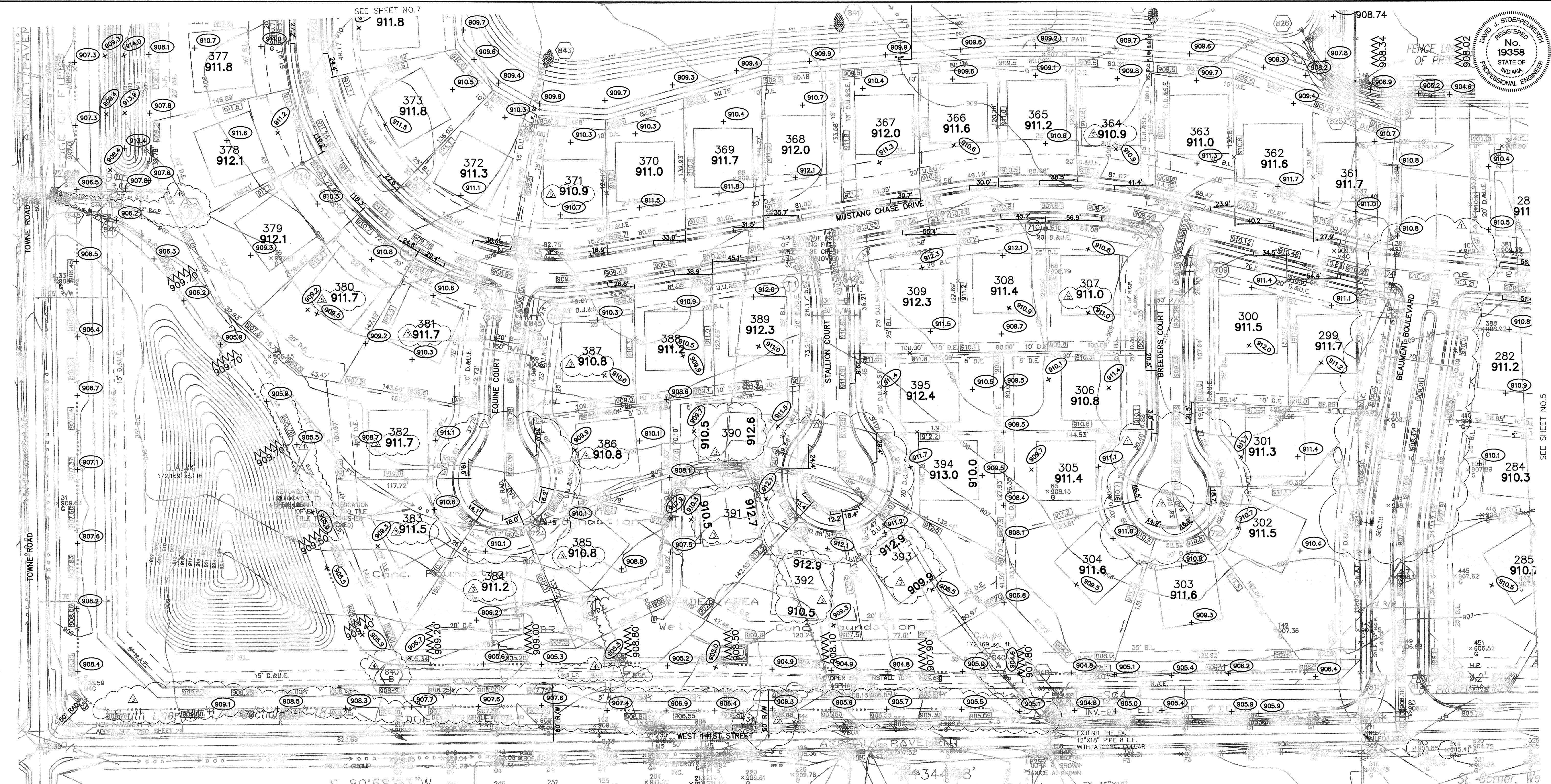
1-800-382-5544
 CALL TOLL FREE
 1-800-428-5200
 FOR CALLS OUTSIDE OF INDIANA

INDIANAPOLIS INDIANA

SITE DEVELOPMENT PLAN
 SADDLE CREEK
 SECTIONS 10 & 11

DEC 23 2002

SHEET NO. 5
 OF 40 SHEETS
 JOB NO. 42611



REGISTERED PROFESSIONAL ENGINEER
 No. 19358
 STATE OF INDIANA
 David J. Stappert

CERTIFIED: 3/29/02

CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS INDIANA

DATE: 3/29/02

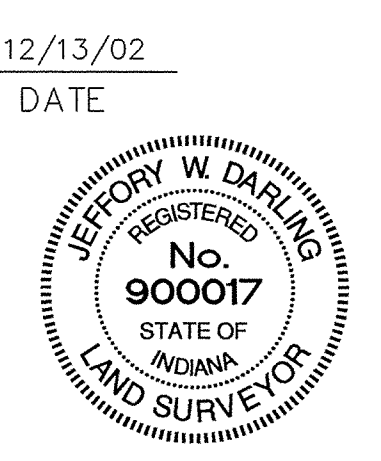
- EARTHWORK:**
- EXCAVATION**
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ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.

NOTE: DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, LIGHT POLES OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.

RECORD DRAWING

Jeffery W. Darling
 Jeffery W. Darling
 Registered Land Surveyor
 No. 900017



LEGEND

- EXISTING CONTOUR
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED GRADE
- PROPOSED CONTOUR
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED SWALE
- PROPOSED 4' SIDEWALK (BY HOME BUILDER)
- (UNLESS OTHERWISE NOTED) SIDEWALK 5' WEST OF BEAUMONT BLVD.
- LOT NUMBER
- ★ PAD ELEVATION
- PAD SIZE 60'x60' (UNLESS OTHERWISE NOTED)
- EMERGENCY FLOOD ROUTE
- 4" S.S.D. TO LOT
- 6" S.S.D.
- 100 YEAR ELEVATION FLOOD ROUTING
- ASPHALT GRADE ELEV.

BENCHMARK
 IRON PIN CONTROL POINT
 SET BY P.I. CRIPE
 ELEV.=904.94

"HOLEY MOLEY" SAYS:
 CAUTION
 LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE, (including, but not limited to, manholes, inlets, valves, & 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.

SCALE: 1" = 50'

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

Str. No.	Type	Tc/Rim	Inverts	Dir.	Str. No.	Type	Tc/Rim	Inverts	Dir.
806	MANHOLE	903.50	899.65	(NW)(E)	831	CURB INLET	910.99	905.45	(W)(SE)
806	CONC. END SECTION W/GUARD	900.00	900.00	(W)(E)	832	CURB INLET	906.07	905.07	(W)(E)
807	CONC. END SECTION	900.00	900.00	(SW)	833	CONC. END SECTION W/GUARD	906.19	906.19	(E)
808	YARD INLET	905.50	900.26	(W)(NE)	834	CONC. END SECTION	903.50	903.50	(S)
		901.57	901.57	(S)	835	CURB INLET	909.49	905.07	(W)(SE)
808A	YARD INLET	905.20	902.20	(N)	836	CURB INLET	909.49	905.19	(W)(SE)
809	YARD INLET	907.50	901.46	(W)(E)	837	CURB INLET	909.09	905.38	(W)(NE)
		902.10	902.10	(S)	838	CURB INLET	909.09	905.50	(W)
809A	YARD INLET	907.00	904.00	(W)(E)	839	CONC. END SECTION	904.42	904.42	(N)
810	CURB INLET	905.83	902.32	(W)(E)	840	CONC. END SECTION W/GUARD	902.32	904.50	(S)
811	CURB INLET	905.78	902.47	(E)	840A	2'x2' BOX W/ MANHOLE CASTING	902.53	902.53	(W)(SE)
812	CONC. END SECTION	900.00	900.00	(NE)	840B	2'x2' BOX W/ MANHOLE CASTING	906.80	903.53	(W)(NE)
813	CURB INLET	905.15	901.35	(SW)(E)	840C	2'x2' BOX W/ MANHOLE CASTING	906.70	904.12	(W)(SE)
814	CURB INLET	905.15	901.50	(W)	841	CONC. END SECTION	903.50	903.50	(N)
815	CONC. END SECTION	900.00	900.00	(N)	842	CURB INLET	910.58	907.11	(W)(N)
816	CONC. END SECTION W/GUARD	900.00	900.00	(NW)	842A	CURB INLET	910.58	907.26	(E)
817	CONC. END SECTION	900.00	900.00	(NW)(E)	843	CONC. END SECTION	903.50	903.50	(SW)
818	DBL. CURB INLET	900.00	900.00	(NW)(SE)	844	CURB INLET	908.68	904.25	(SE)(NE)
819	CURB INLET	906.22	904.47	(SE)	845	DBL. CURB INLET	908.27	904.48	(W)(NW)
820	CONC. END SECTION	900.00	900.00	(SW)	846	DBL. CURB INLET	908.27	904.60	(E)
821	CURB INLET	908.17	904.15	(SW)(NE)	847	CONC. END SECTION	906.18	906.18	(E)
822	CURB INLET	908.17	904.33	(NW)(NE)	848	CONC. END SECTION W/GUARD	906.21	906.21	(E)
823	CURB INLET	908.22	904.47	(SE)	849	CONC. END SECTION	906.30	906.30	(W)
824	CONC. END SECTION	900.00	900.00	(W)	850	DBL. CURB INLET	909.87	903.84	(W)(E)
825	MANHOLE	900.50	902.85	(NW)(E)	851	DBL. CURB INLET	909.87	903.90	(SW)(E)
826	CONC. END SECTION W/GUARD	903.50	903.50	(SE)	852	MANHOLE	910.50	903.97	(W)(NE)
827	CONC. END SECTION	903.50	903.50	(N)	852A	YARD INLET	907.20	904.21	(W)(E)
828	MANHOLE	905.30	904.84	(NW)(S)	853	CONC. END SECTION W/GUARD	906.20	904.37	(E)
829	CONC. END SECTION W/GUARD	906.00	906.00	(E)	875	CONC. END SECTION W/GUARD	988.74	988.74	(S)
830	MANHOLE	911.00	905.27	(NW)(E)	876	CONC. END SECTION	988.74	988.74	(N)

912.9
 910.5
 30'

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: 10-28-04
 Entered by: SLM

SITE DEVELOPMENT PLAN
 SADDLE CREEK
 SECTIONS 10 & 11

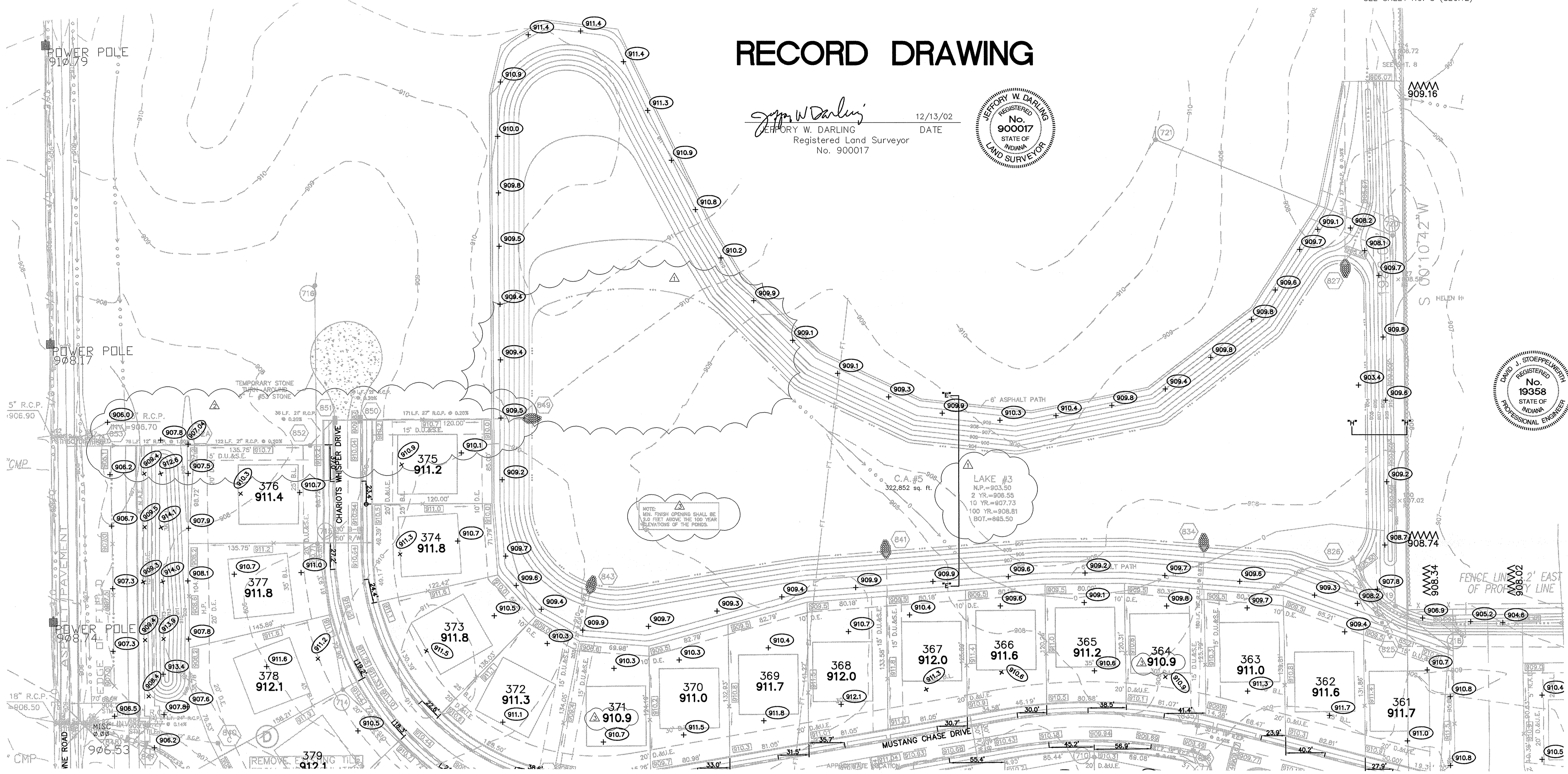
SCALE: 1" = 50'

SHEET NO. 6
 OF 40 SHEETS
 JOB NO. 42611

RECORD DRAWING

Jeffery W. Darling
 JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017

DATE 12/13/02

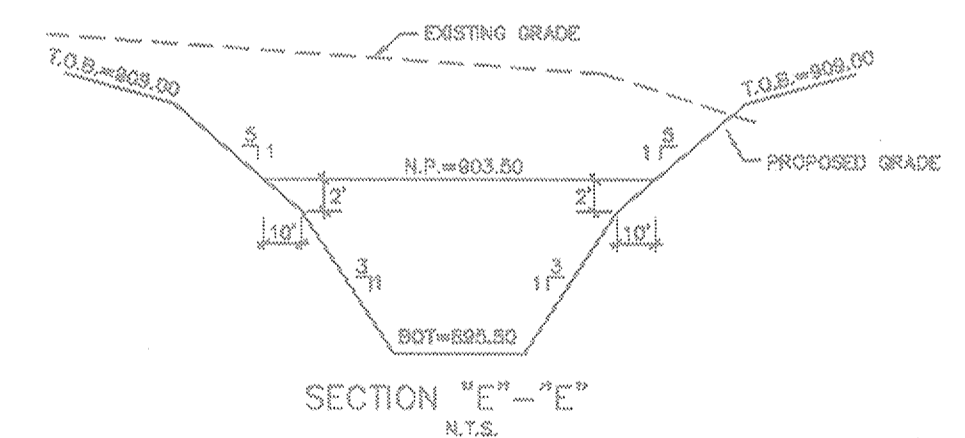


NOTE: MIN. FINISH GRADES SHALL BE 0.4 FEET ABOVE THE 100 YEAR ELEVATIONS OF THE POND.

LAKE #3
 N.P.=903.50
 2 YR.=903.55
 10 YR.=907.73
 100 YR.=908.81
 BOT.=885.50

ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.

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LEGEND

- EXISTING CONTOUR
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED GRADE
- PROPOSED CONTOUR
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED SWALE
- PROPOSED 4' SIDEWALK (BY HOME BUILDER) (UNLESS OTHERWISE NOTED) SIDEWALK 5' WEST OF BEAUMONT BLVD.

BENCHMARK

- IRON PIN CONTROL POINT SET BY P.I. CRIPE

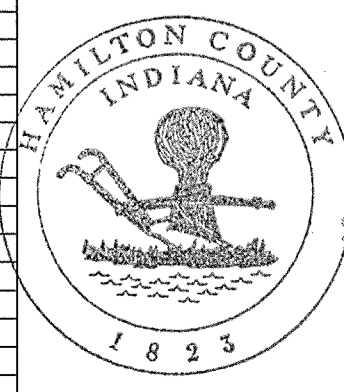
ELEV.=904.94

35
853.0

SCALE: 1"=50'

- EARTHWORK:**
- EXCAVATION**
 - A. Excavated material that is suitable may be used for fills. All unsuitable material and all surplus excavated material not required shall be removed from the site.
 - B. Provide and place any additional fill material from offsite as may be necessary to produce the grades required on plans. Fill obtained from offsite shall be of quality as specified for fills herein and the source approved by the Developer. It will be the responsibility of the Contractor for any costs for fill needed.
 - REMOVAL OF TREES**
 - A. All trees and stumps shall be removed from areas to be occupied by a road surface or structure area. Trees and stumps shall not be buried on site.
 - PROTECTION OF TREES**
 - A. The Contractor shall, at the direction of the Developer, endeavor to save and protect trees of value and worth which do not impair construction of improvements as designed.
 - B. In the event cut or fill exceeds 0.5 foot over the root area, the Developer shall be consulted with respect to protective measure to be taken, if any, to preserve such trees.
 - REMOVAL OF TOPSOIL**
 - A. All topsoil shall be removed from all areas beneath future pavements or building. Topsoil removal shall be to a minimum depth of 6 inches or to the depth indicated in the geotechnical report provided by the Developer to be excavated or filled. Topsoil should be stored at a location where it will not interfere with construction operations. The topsoil shall be free of debris and stones.
 - UTILITIES**
 - A. Rules and regulation governing the respective utility shall be observed in executing all work under this section.
 - B. It shall be the responsibility of the Contractor to determine the location of existing underground utilities 2 working days prior to commencing work. For utility locations to be marked call Toll Free 1-800-382-5544 within Indiana or 1-800-428-5200 outside Indiana.
 - SITE GRADING**
 - A. Do all cutting, filling, compacting of fills and rough grading required to bring entire project area to subgrade as shown on the drawing.
 - B. The tolerance for paved areas shall not exceed 0.05 feet above established subgrade. All other areas shall not exceed 0.10 feet plus or minus the established grade. Provide roundings at top and bottom of banks and other breaks in grade.
 - C. The Engineer shall be notified when the Contractor has reached the tolerance as stated above, so that field measurements and spot elevations can be verified by the Engineer. The Contractor shall not remove his equipment from the site until the Engineer has verified that the job meets the above tolerance.
- FORM EARTHWRK

STORM TABLE				STORM TABLE			
Str. No.	Type	To/Rm	Inverts	Dir.	Str. No.	Type	Inverts
805	MANHOLE		890.65	(NW)(E)	830	MANHOLE	905.27
806	CONC. END SECTION W/GUARD		900.00	(SE)	831	CURB INLET	905.45
807	CONC. END SECTION		900.00	(SW)	832	CURB INLET	905.57
808	YARD INLET		905.50	(W)(NE)	833	CONC. END SECTION W/GUARD	906.19
			901.57	(S)	834	CONC. END SECTION	903.50
808A	YARD INLET		905.20	(N)	835	CURB INLET	905.07
809	YARD INLET		907.50	(W)(E)	836	CURB INLET	905.19
			902.10	(S)	837	CURB INLET	905.38
809A	YARD INLET		907.00	(W)(E)	838	CURB INLET	905.50
810	CURB INLET		905.83	(W)(E)	839	CONC. END SECTION	904.42
811	CURB INLET		905.78	(E)	840	CONC. END SECTION W/GUARD	904.50
812	CONC. END SECTION		900.00	(NE)	841	CONC. END SECTION	903.50
813	CURB INLET		905.15	(SW)(NE)	842	CURB INLET	907.11
814	CURB INLET		905.15	(W)	843	CURB INLET	907.26
815	CONC. END SECTION		900.00	(S)	844	CONC. END SECTION	903.50
816	CONC. END SECTION W/GUARD		900.00	(W)	844	CURB INLET	906.68
817	CONC. END SECTION		900.00	(SW)	845	DBL. CURB INLET	906.27
818	DBL. CURB INLET		906.81	(NW)(SE)	846	DBL. CURB INLET	906.60
819	CONC. END SECTION		900.00	(SE)	847	CONC. END SECTION	906.18
820	CONC. END SECTION		900.00	(SW)	848	CONC. END SECTION W/GUARD	906.21
821	CURB INLET		904.40	(SW)(NE)	849	CONC. END SECTION	903.50
822	CURB INLET		908.17	(NW)(NE)	850	DBL. CURB INLET	905.87
823	CURB INLET		908.22	(SE)	851	DBL. CURB INLET	905.90
824	CONC. END SECTION		900.00	(W)	852	MANHOLE	910.50
825	MANHOLE		909.50	(NW)(E)	852A	YARD INLET	904.21
826	CONC. END SECTION		903.50	(SE)	853	CONC. END SECTION W/GUARD	906.20
827	CONC. END SECTION		903.50	(N)	875	CONC. END SECTION W/GUARD	888.74
828	MANHOLE		909.30	(W)(W)(S)	876	CONC. END SECTION	888.74



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Entered by: SLM

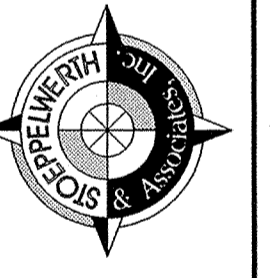
"HOLEY MOLEY" SAYS:
 1-800-382-5544
 CALL TOLL FREE
 1-800-428-5200
 FOR CALLS OUTSIDE OF INDIANA

CAUTION
 LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE, (including, but not limited to, manholes, inlets, valves, & 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.

SITE DEVELOPMENT PLAN
SADDLE CREEK
SECTIONS 10 & 11

FILED
 DEC 7 2002
 HAMILTON COUNTY SURVEYOR
 OF 40 SHEETS
 JOB NO. 42611

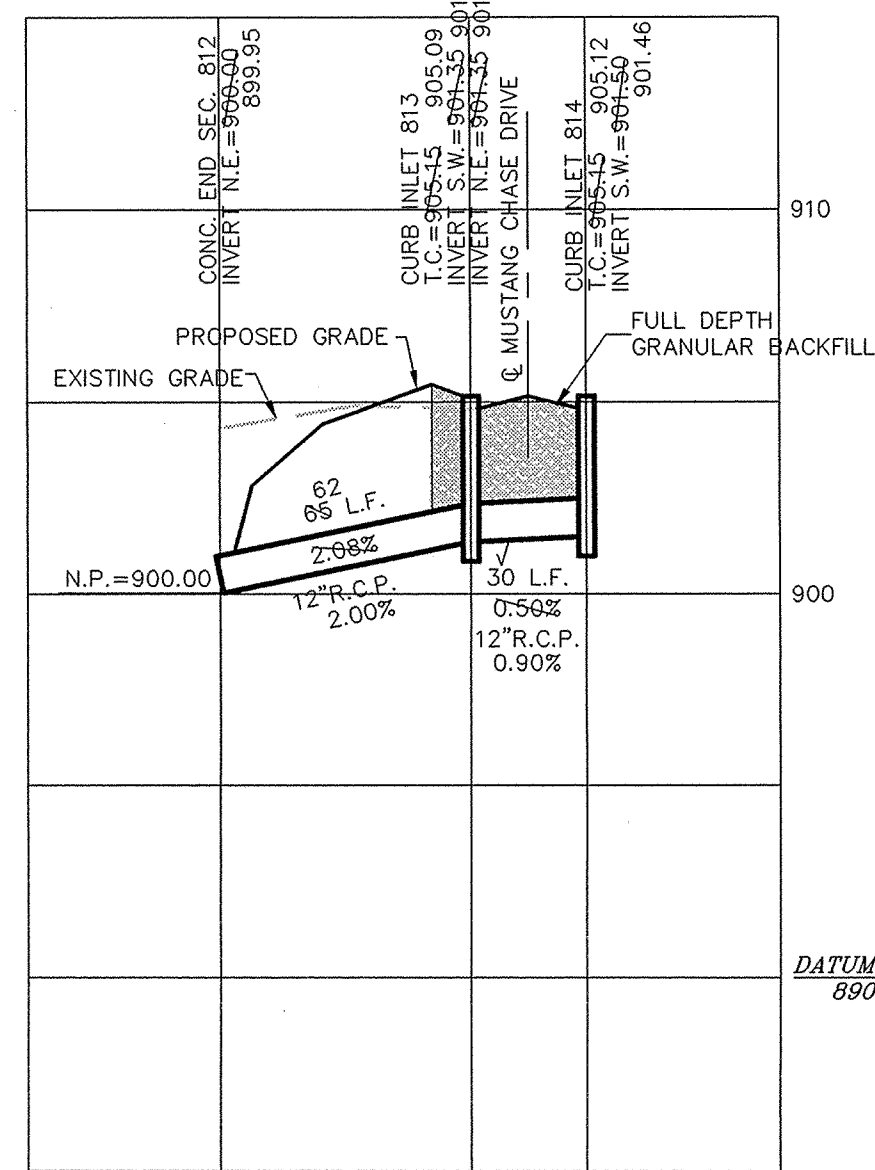
CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS INDIANA



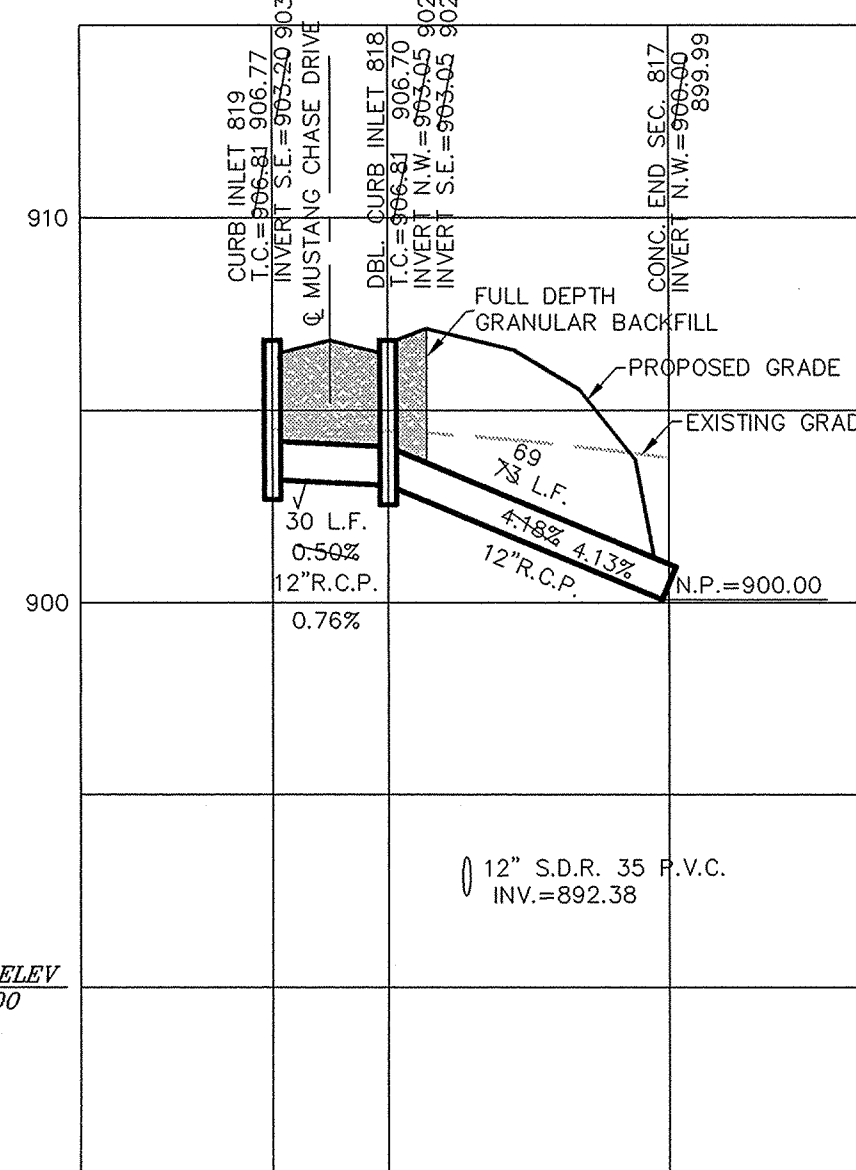
CERTIFIED: 3/29/02
David J. Stoepel

DATE	BY	REVISIONS
3/29/02	MARK	
4/29/02	MARK	
7/12/02	WAB	
12/16/02	WAB	

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



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



CURB INLET TABLE

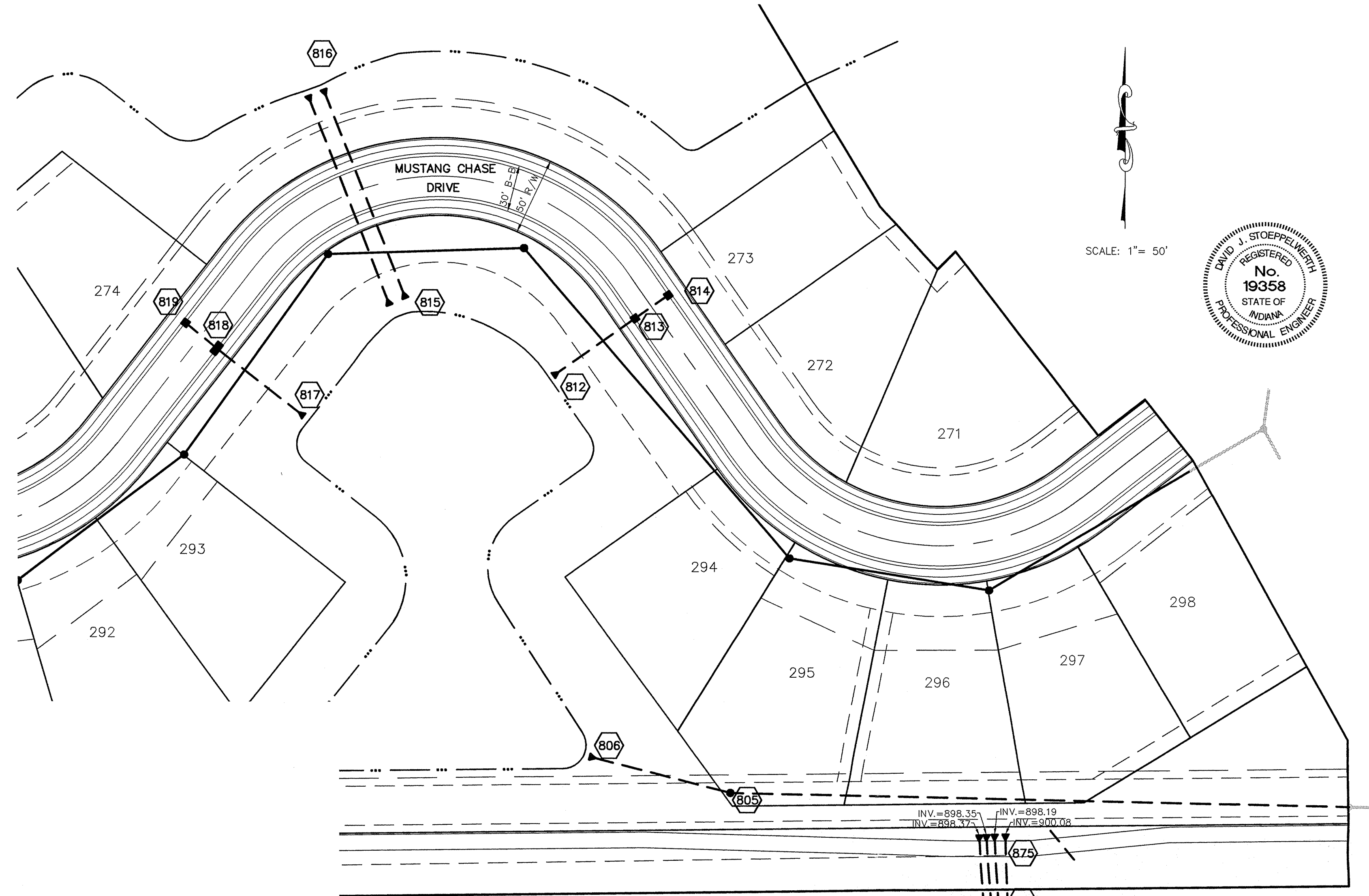
PIPE SIZE	STRUCTURES LESS THAN 48" FROM T/C TO INVERT	STRUCTURES GREATER THAN 48" FROM T/C TO INVERT	ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN	STEPS REQUIRED	CURB CASTING *R-3501 N	CASTING *3501 TL & TR
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18" or 21"		MH/BOX	DESIGN APPROVAL	Yes	Yes	Yes
21" or 27"	2'x3'*		DESIGN APPROVAL	No	No	Yes
24" or LARGER	DESIGN APPROVAL		DESIGN APPROVAL	No	No	Yes
24" or LARGER		MH/BOX	DESIGN APPROVAL	Yes**	Yes	Yes

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SPECIAL NOTE:
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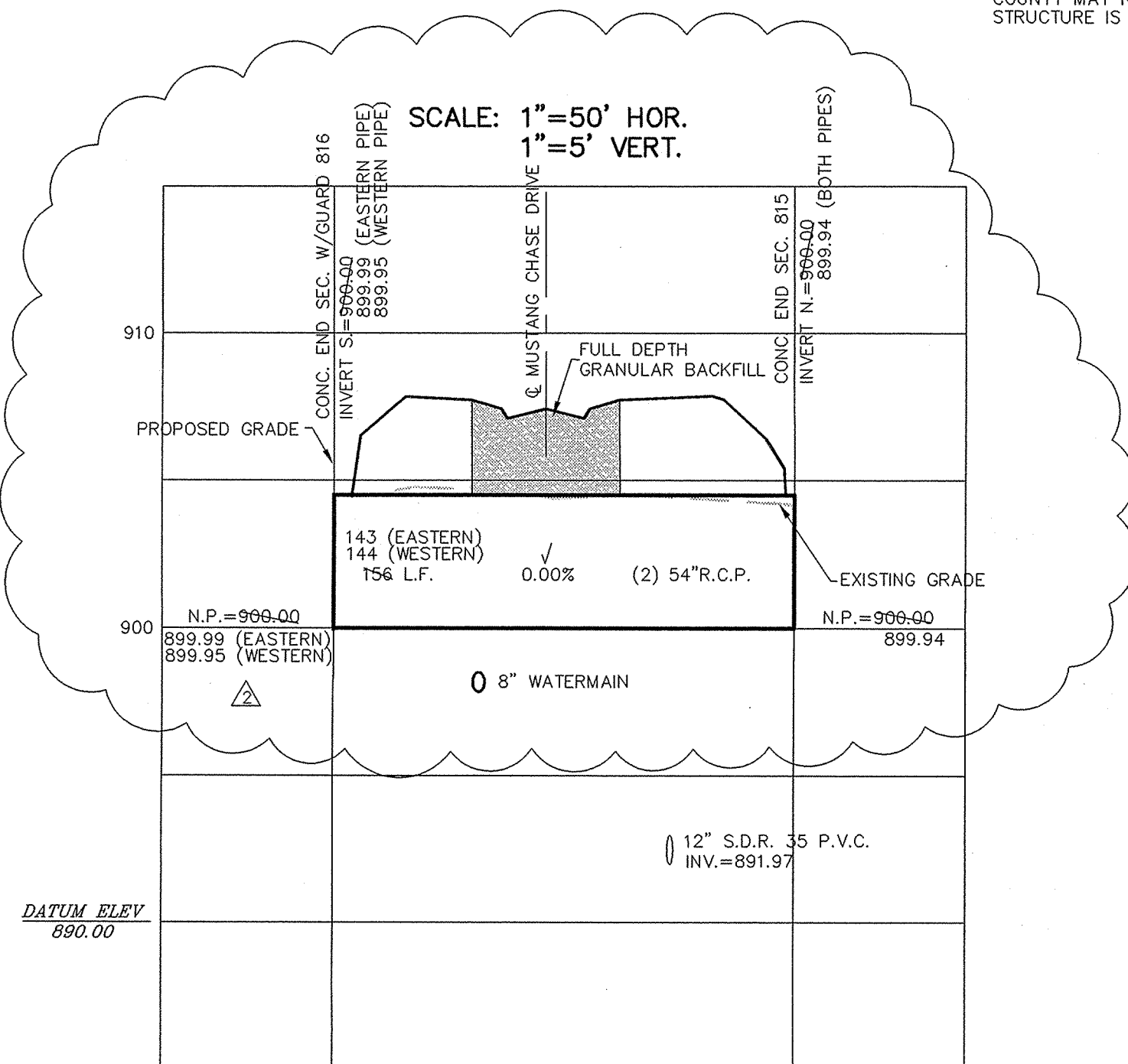
RECORD DRAWING

Jeffery W. Darling
JEFFERY W. DARLING
Registered Land Surveyor
No. 900017
DATE 11/21/02

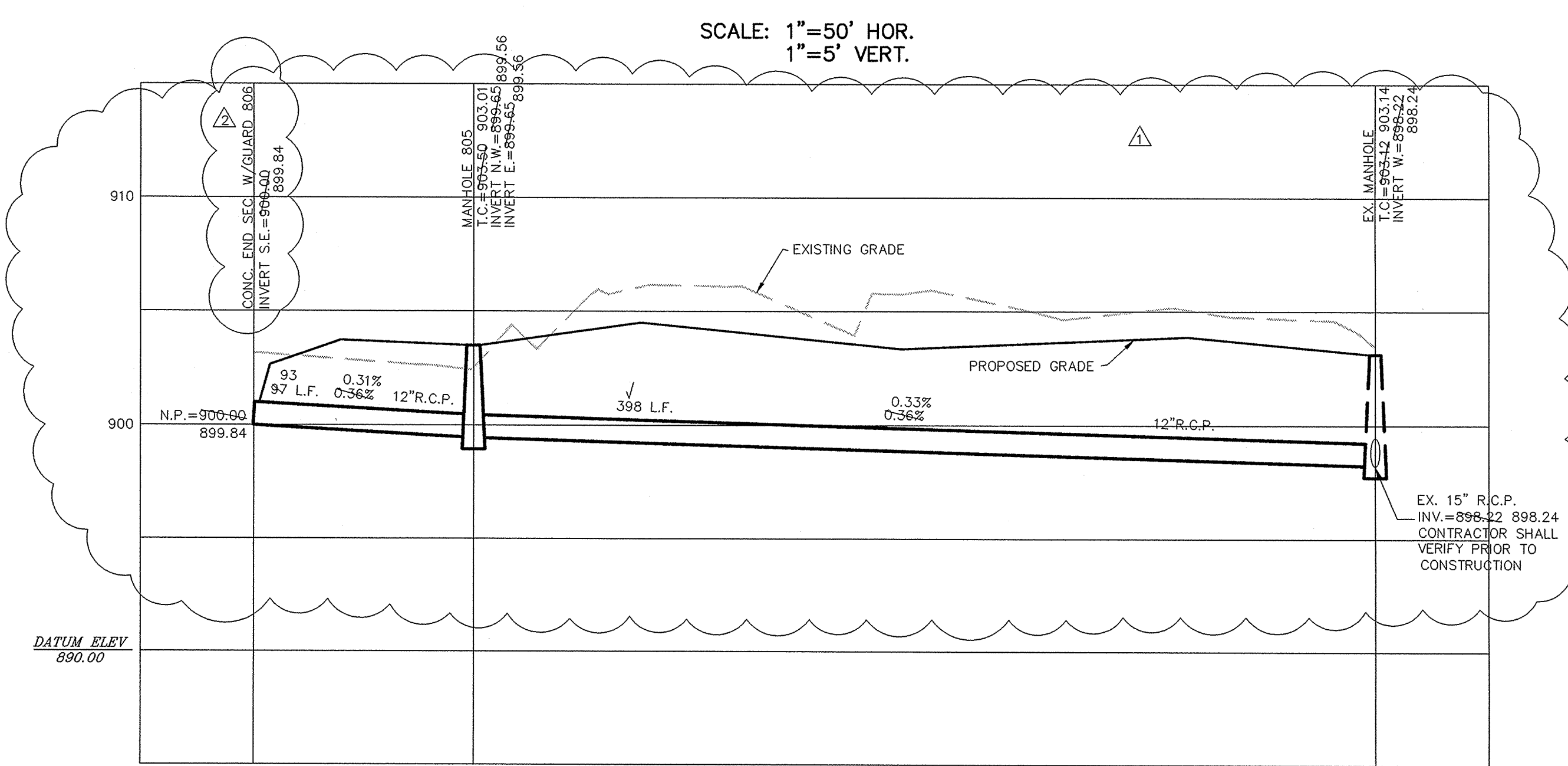


MILTON COUNTY INDIANA
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Entry Date: 10-28-04
Entered by: SLM

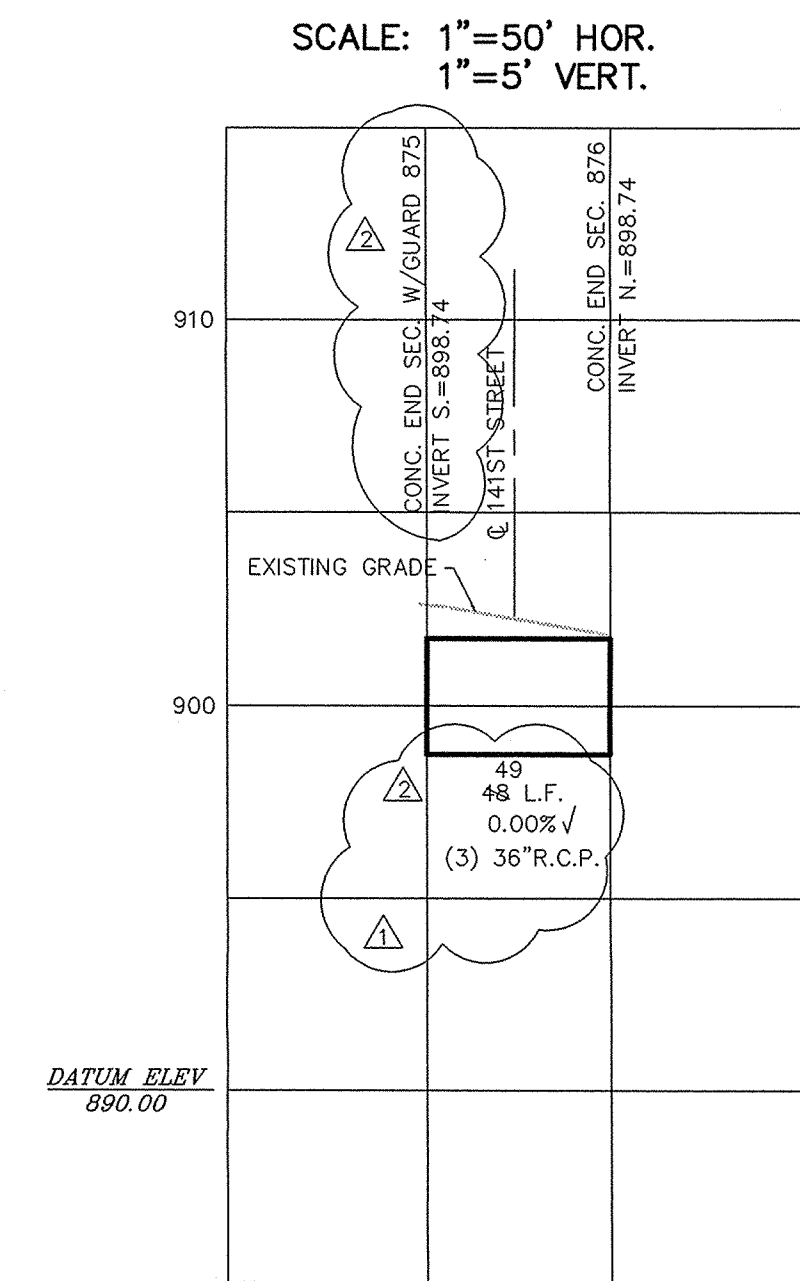
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1"=5' VERT.



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1"=5' VERT.



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



STORM SEWER PLAN & PROFILE
SADDLE CREEK
SECTIONS 10 & 11

FILED
DEC 27 2004
OFFICE OF PLANNING & COMMUNITY DEVELOPMENT
SHEET NO. 27
OF 40 SHEETS
JOB NO. 42611

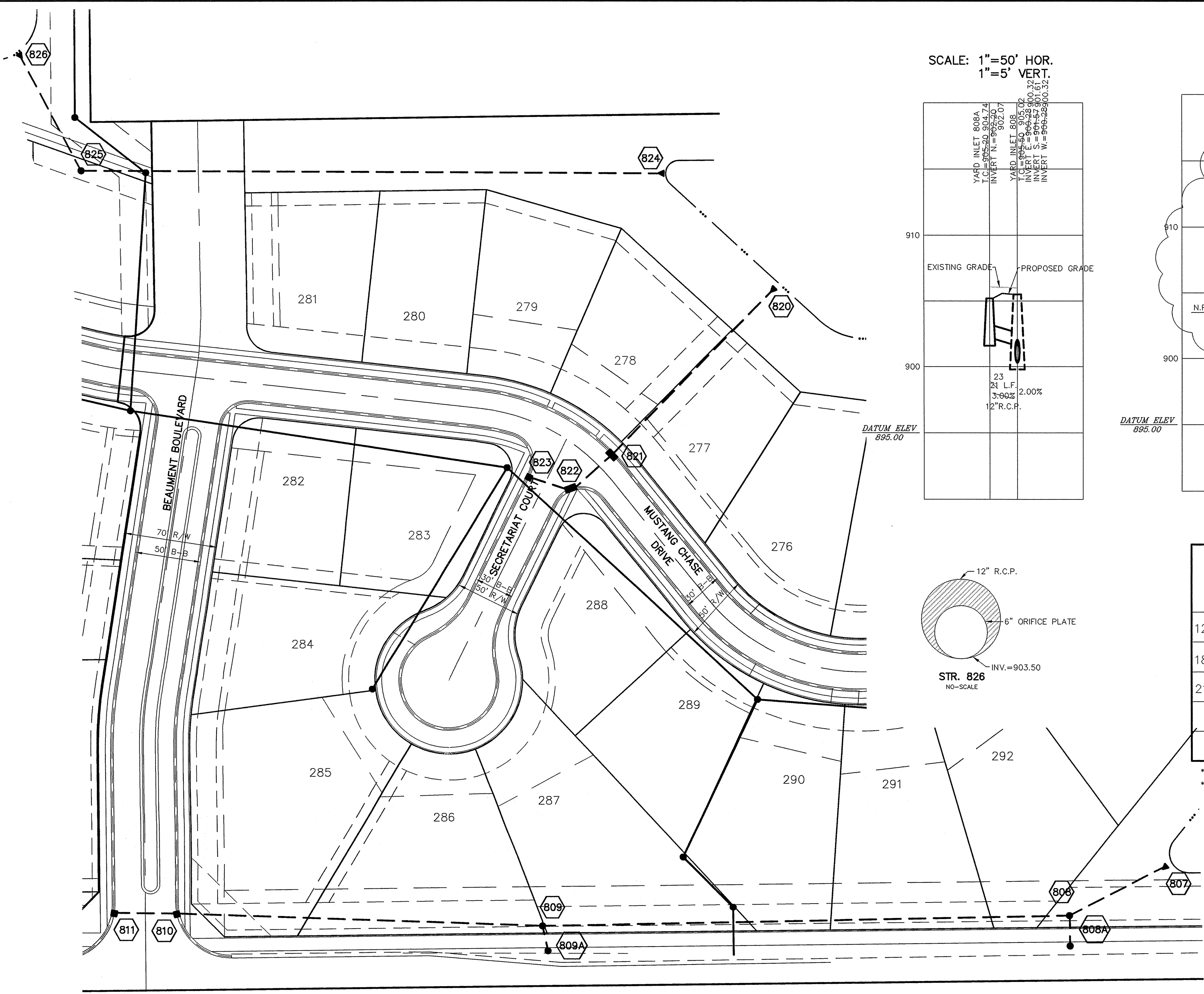
CERTIFIED: 3/29/02
CONSULTING ENGINEERS - LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
INDIANAPOLIS INDIANA



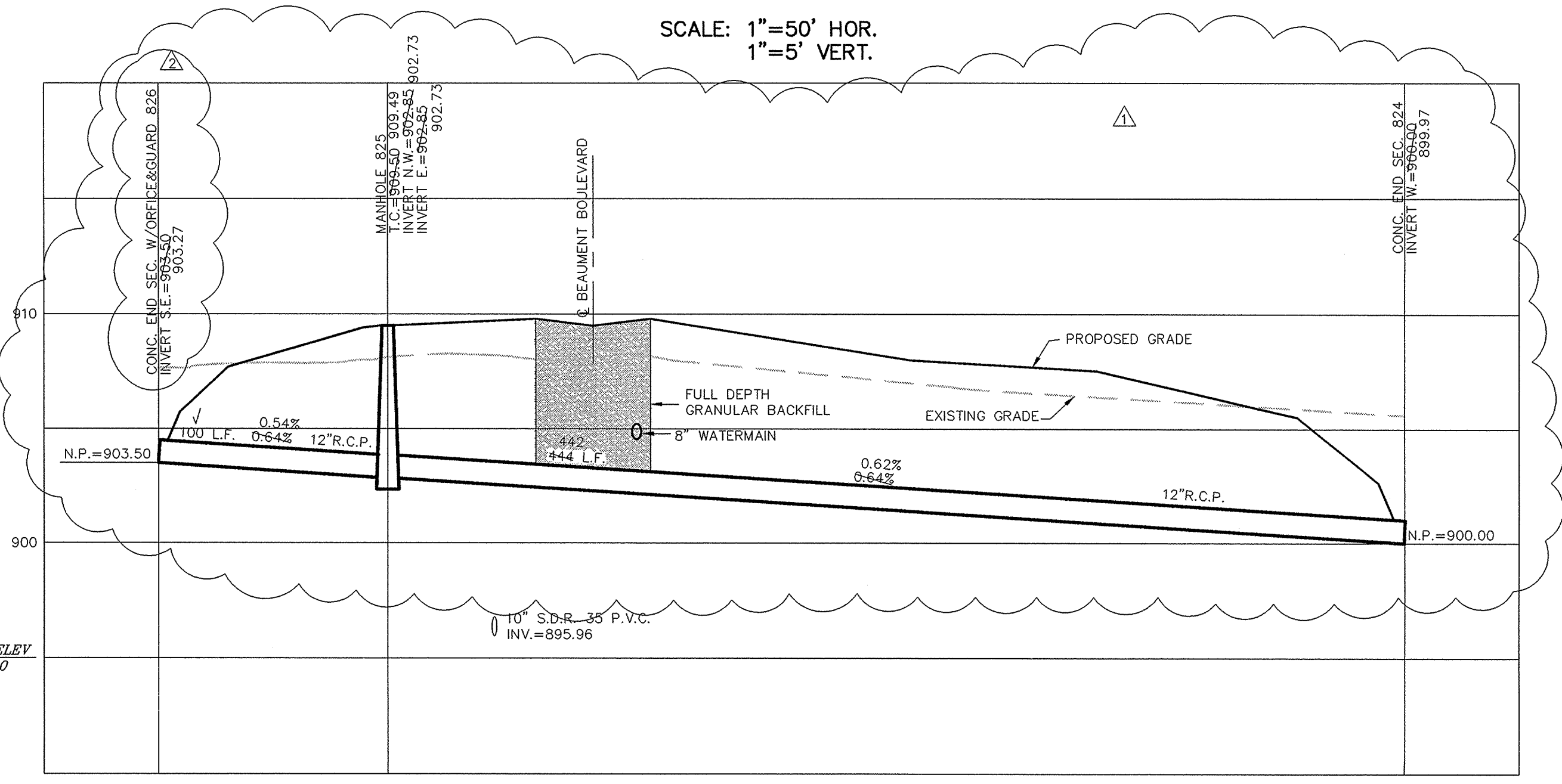
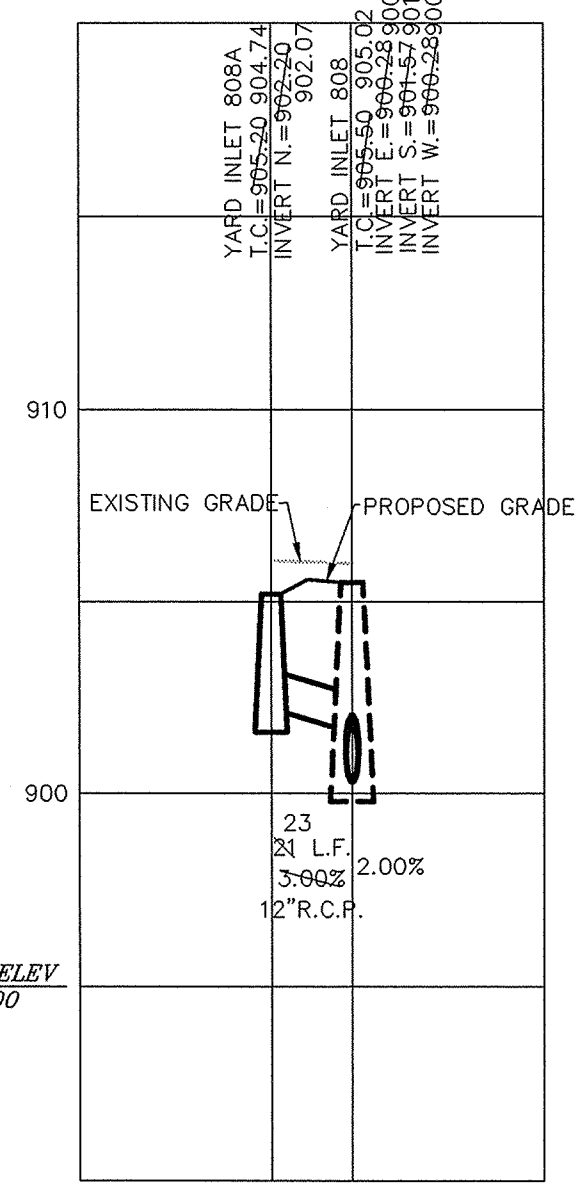
DAVID J. STAPPALWEITH
REGISTERED
No. 19358
STATE OF INDIANA
PROFESSIONAL ENGINEER

DATE 3/25/02
MARK
REV. STATION INFO
REVERSE STATION LABELS & LENGTHS
WAB 11/21/02
TWF 11/21/02

BY
TWF
DATE
MARK
REVISIONS



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



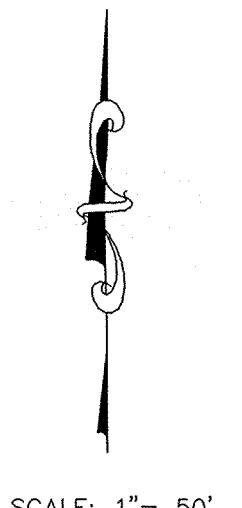
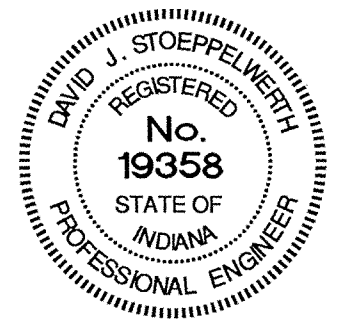
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1"=5' VERT.

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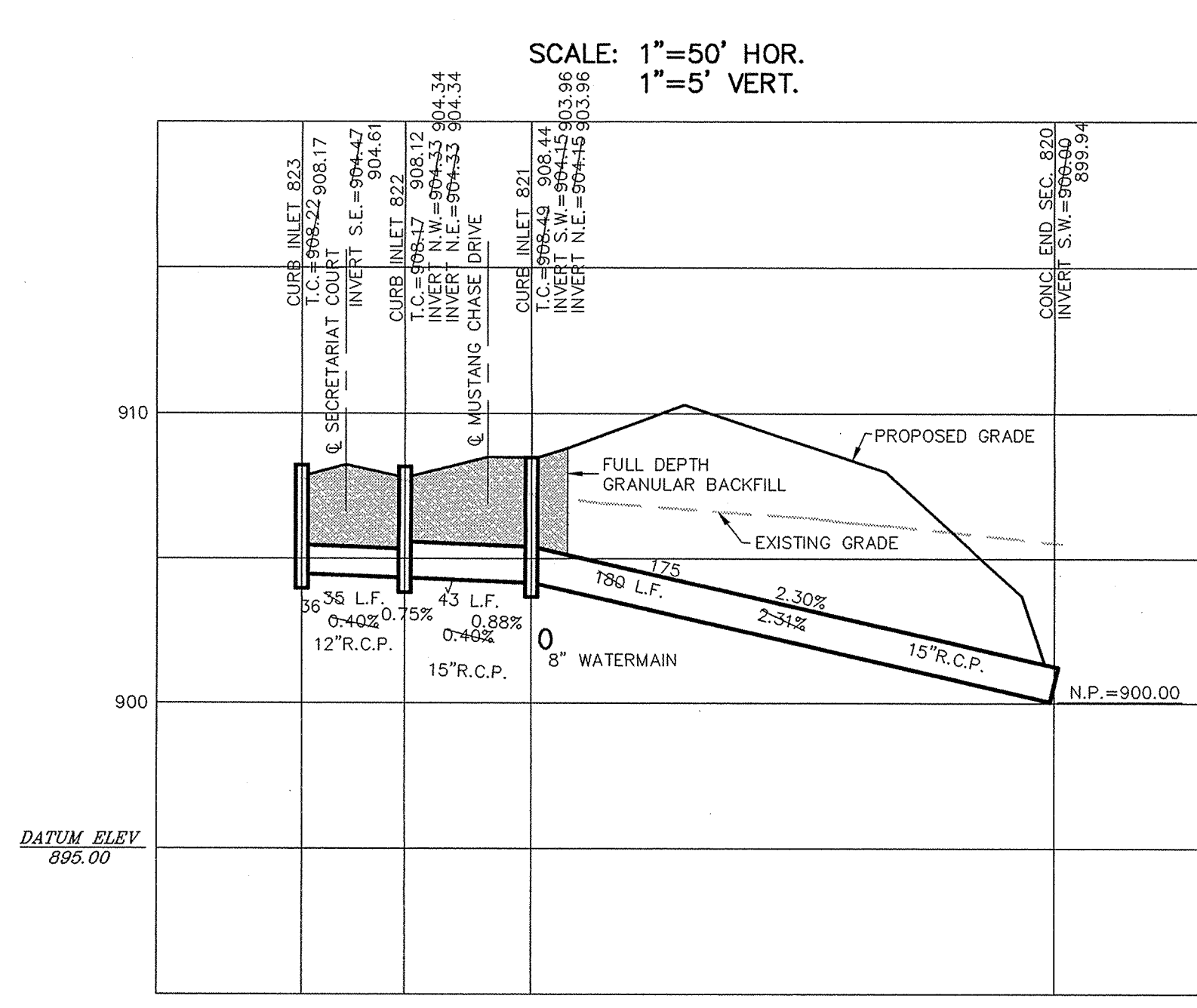
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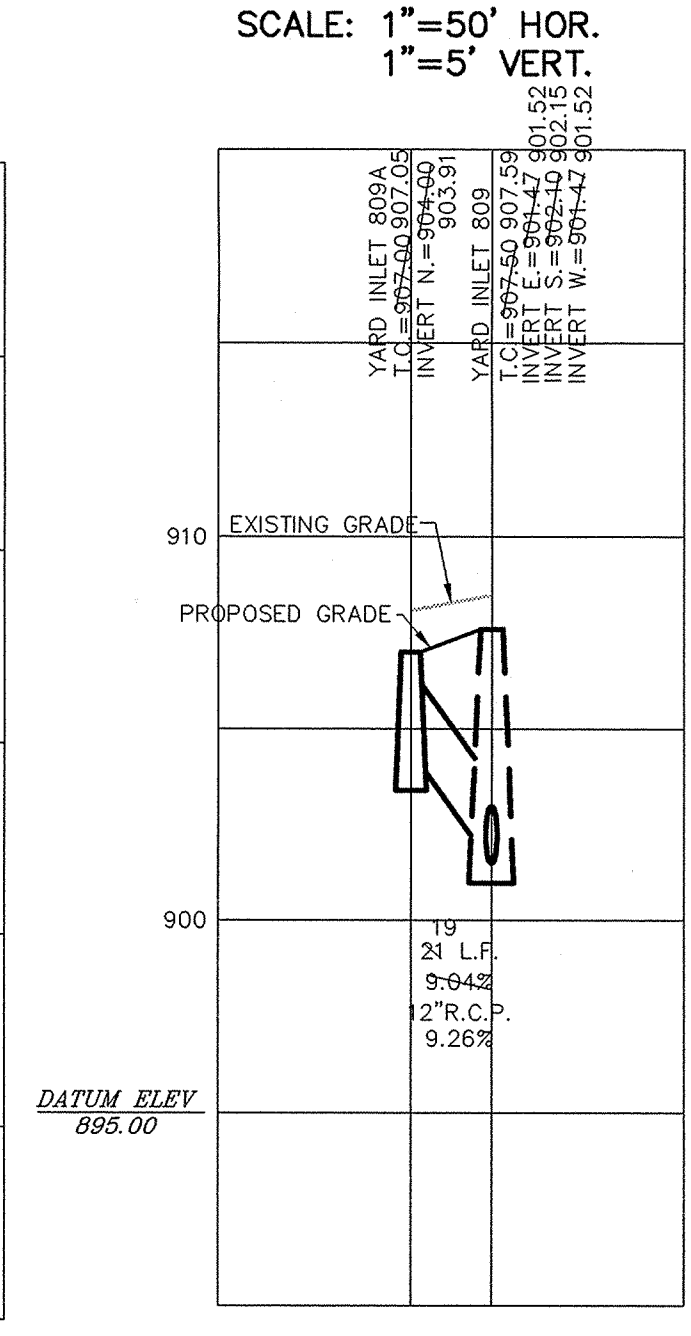
RECORD DRAWING

Jeffery W. Darling
JEFFERY W. DARLING
Registered Land Surveyor
No. 900017

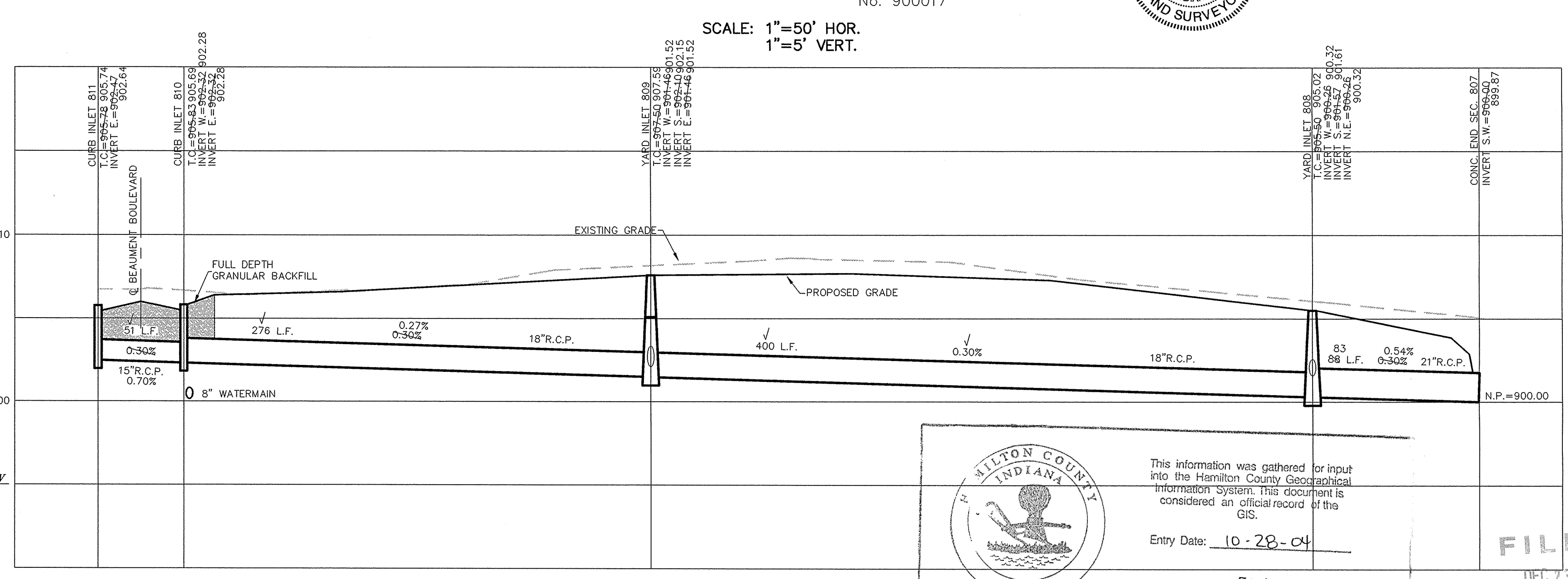
DATE
11/21/02



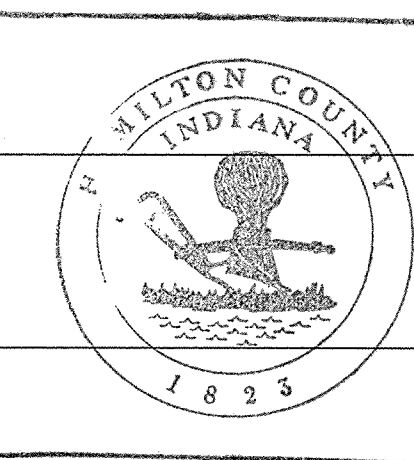
SCALE: 1"=50' HOR.
1"=5' VERT.



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1"=5' VERT.



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Entry Date: 10-28-04
Entered by: SLM

FILED
DEC 23 2004
OFFICE OF THE COUNTY CLERK
HAMILTON COUNTY, INDIANA
SHEET NO. 28
OF 40 SHEETS
42611

STORM SEWER PLAN & PROFILE
SADDLE CREEK
SECTIONS 10 & 11
INDIANA
CARMEL

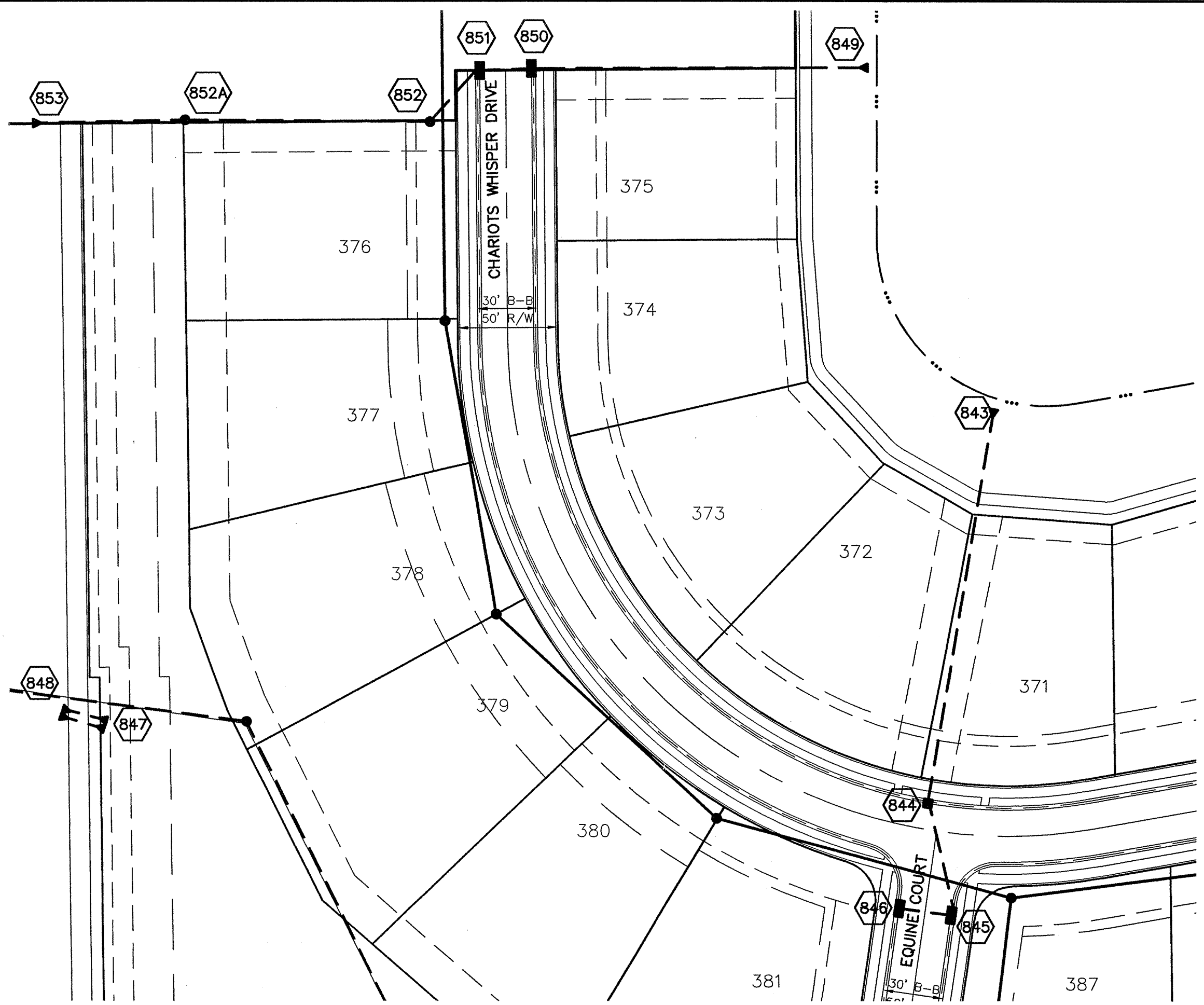
CONSULTING ENGINEERS - LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
INDIANAPOLIS INDIANA

CERTIFIED: 3/29/02

David J. Stappert

DATE	MARK	REVISIONS	BY
3/29/02			
4/29/02			
6/9/02			
11/21/02			

DATE: 3/29/02



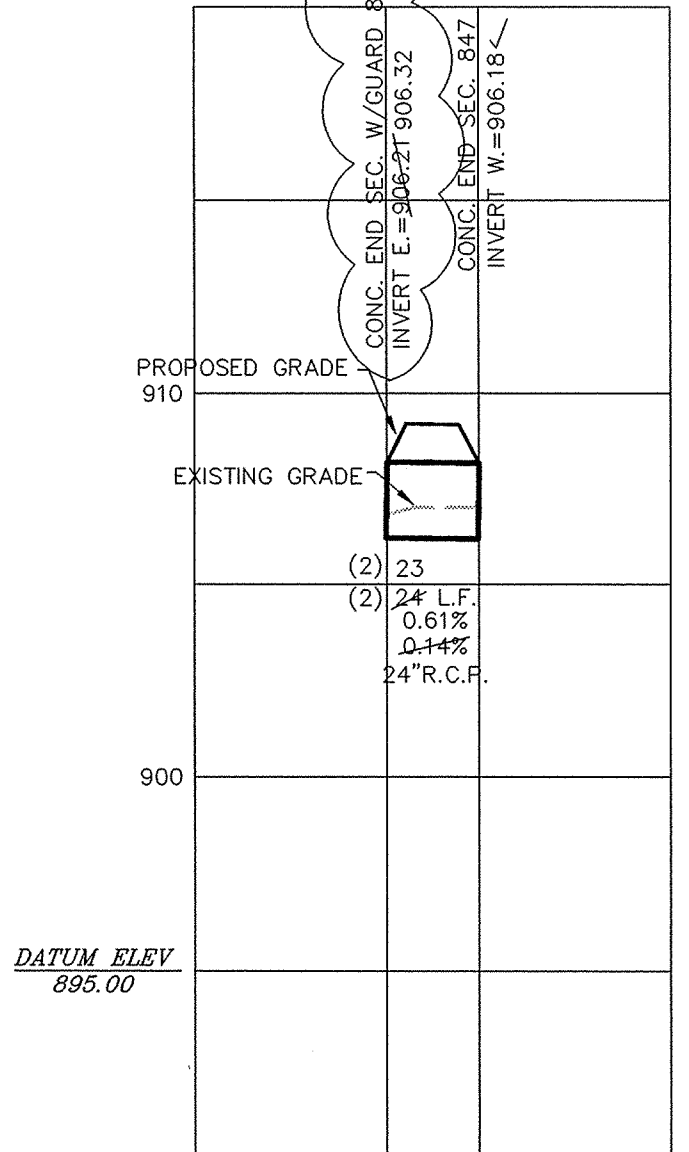
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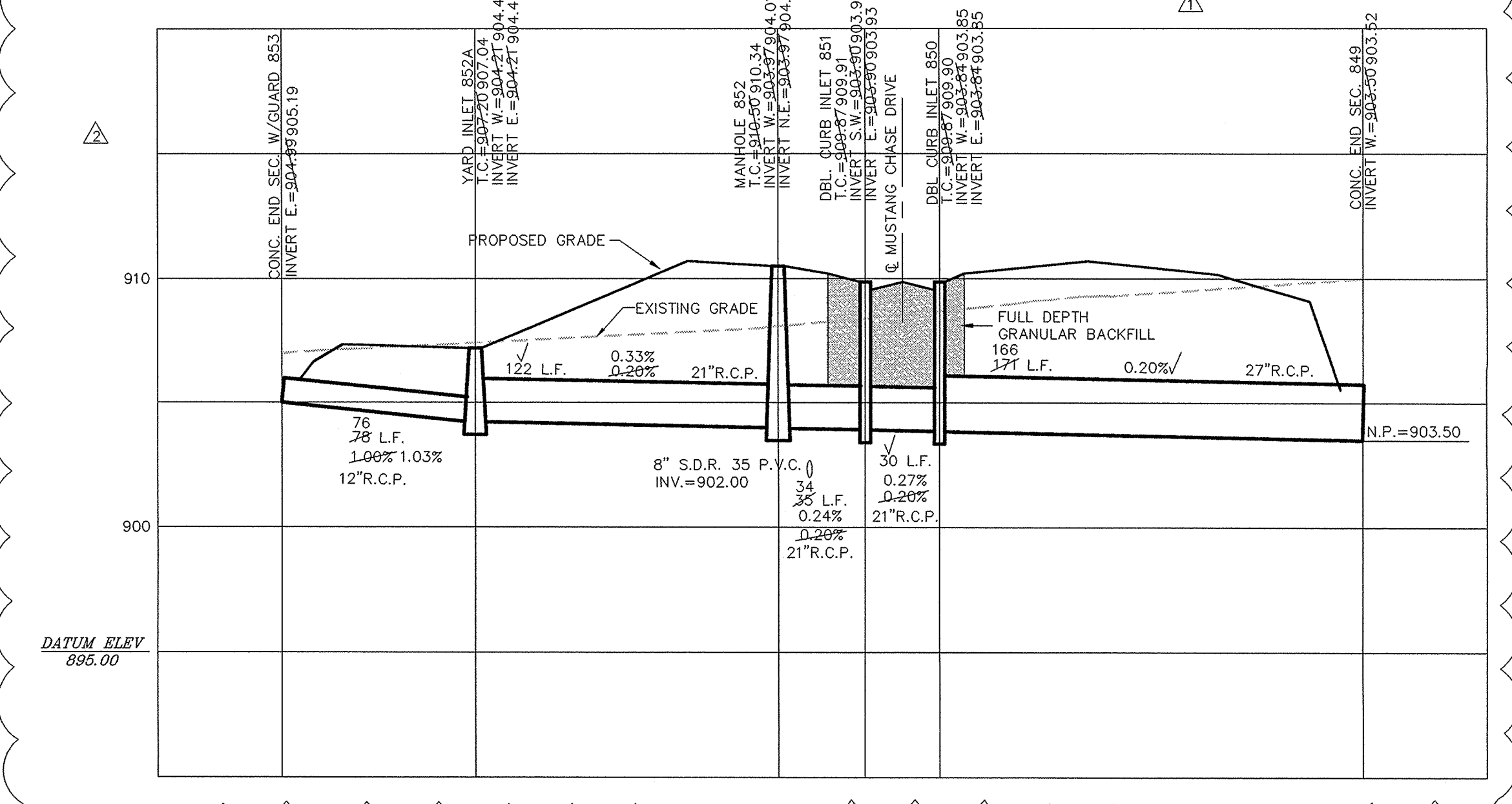
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SCALE: 1"=50' HOR.
 1"=5' VERT.



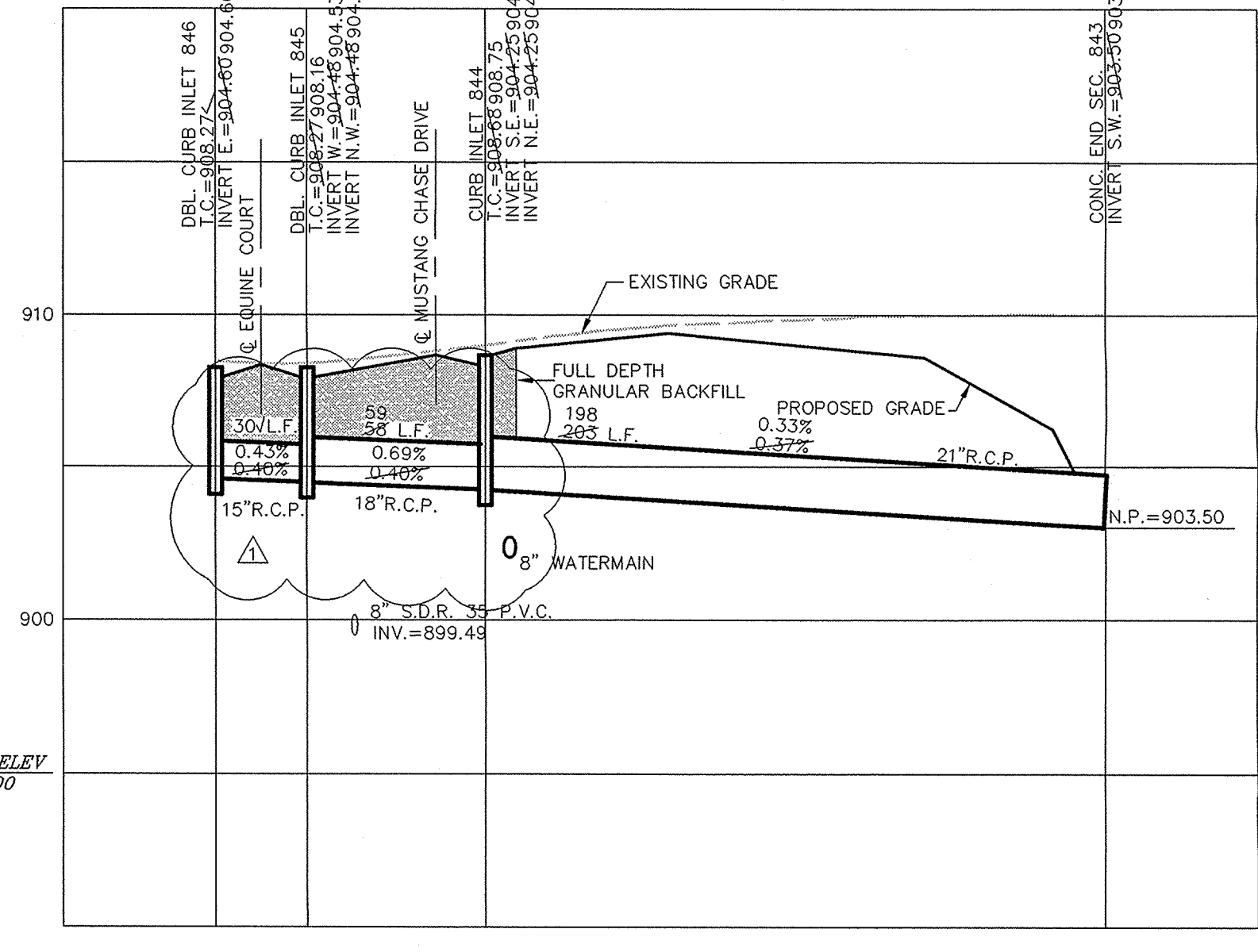
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SCALE: 1"=50' HOR.
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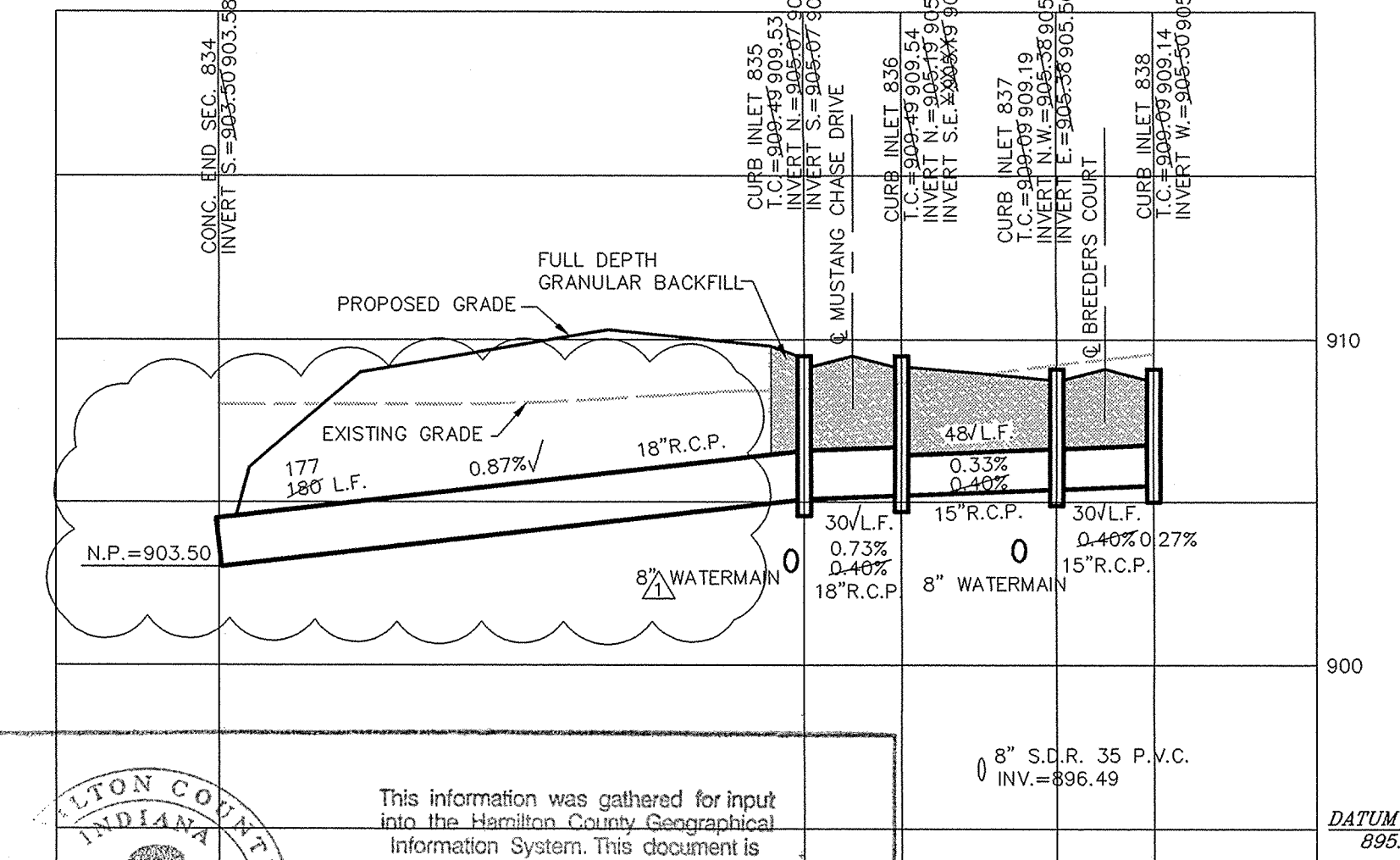
DATUM ELEV 895.00

SCALE: 1"=50' HOR.
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DATUM ELEV 895.00

SCALE: 1"=50' HOR.
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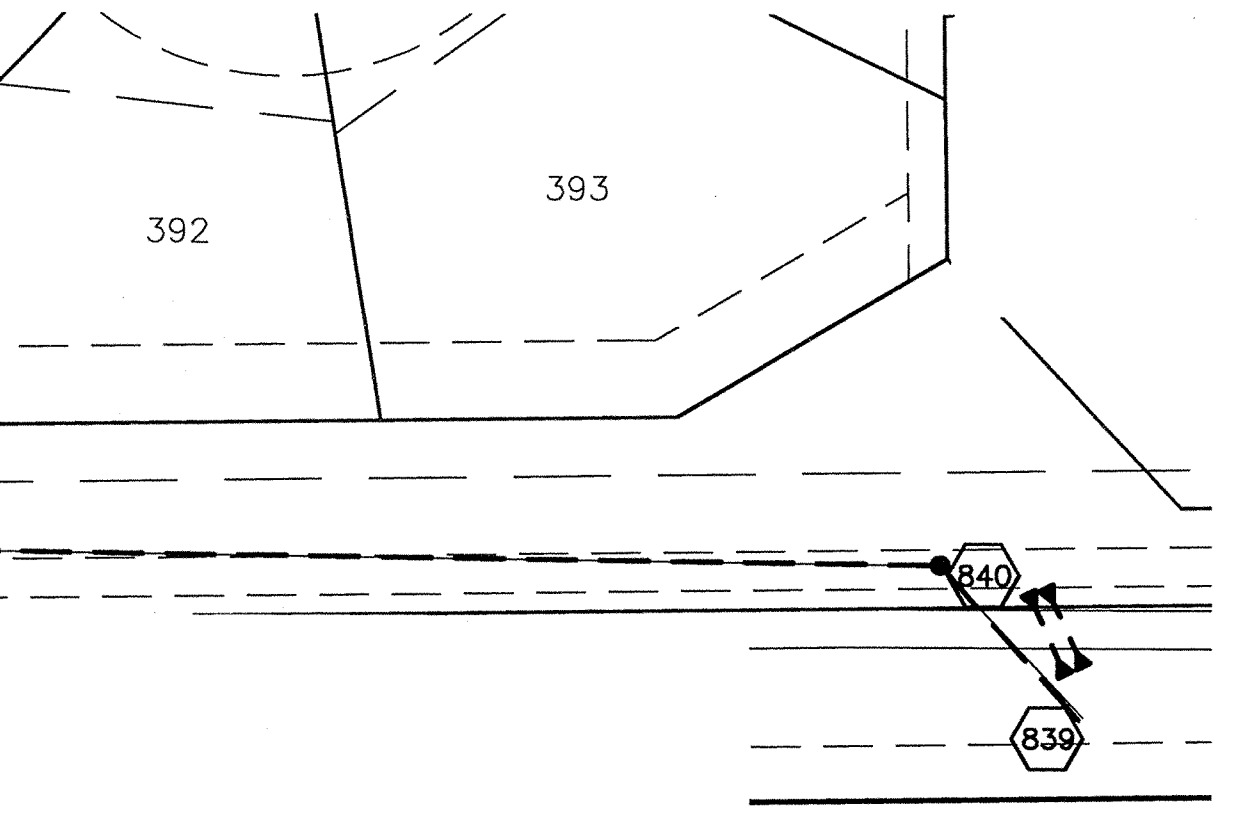
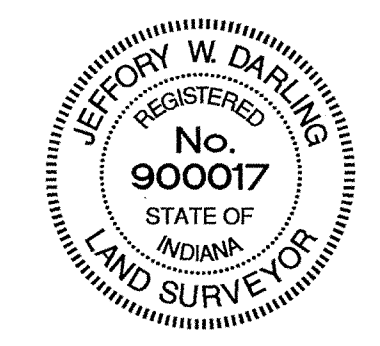


DATUM ELEV 895.00

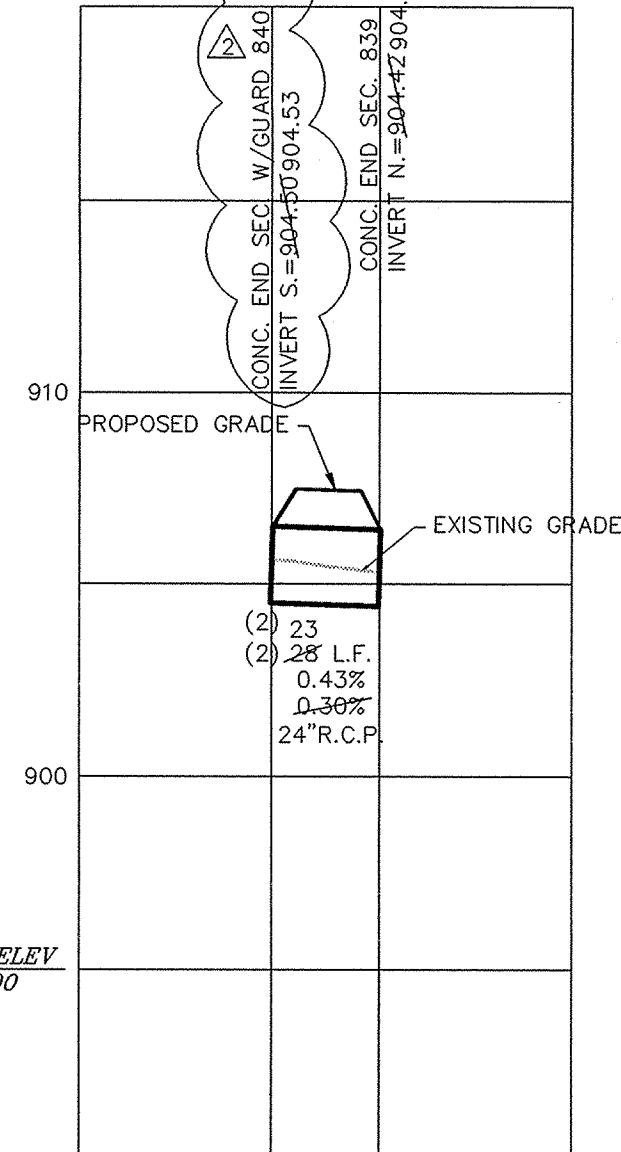
RECORD DRAWING

Jeffery W. Darling
 JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017

12/13/02
 DATE

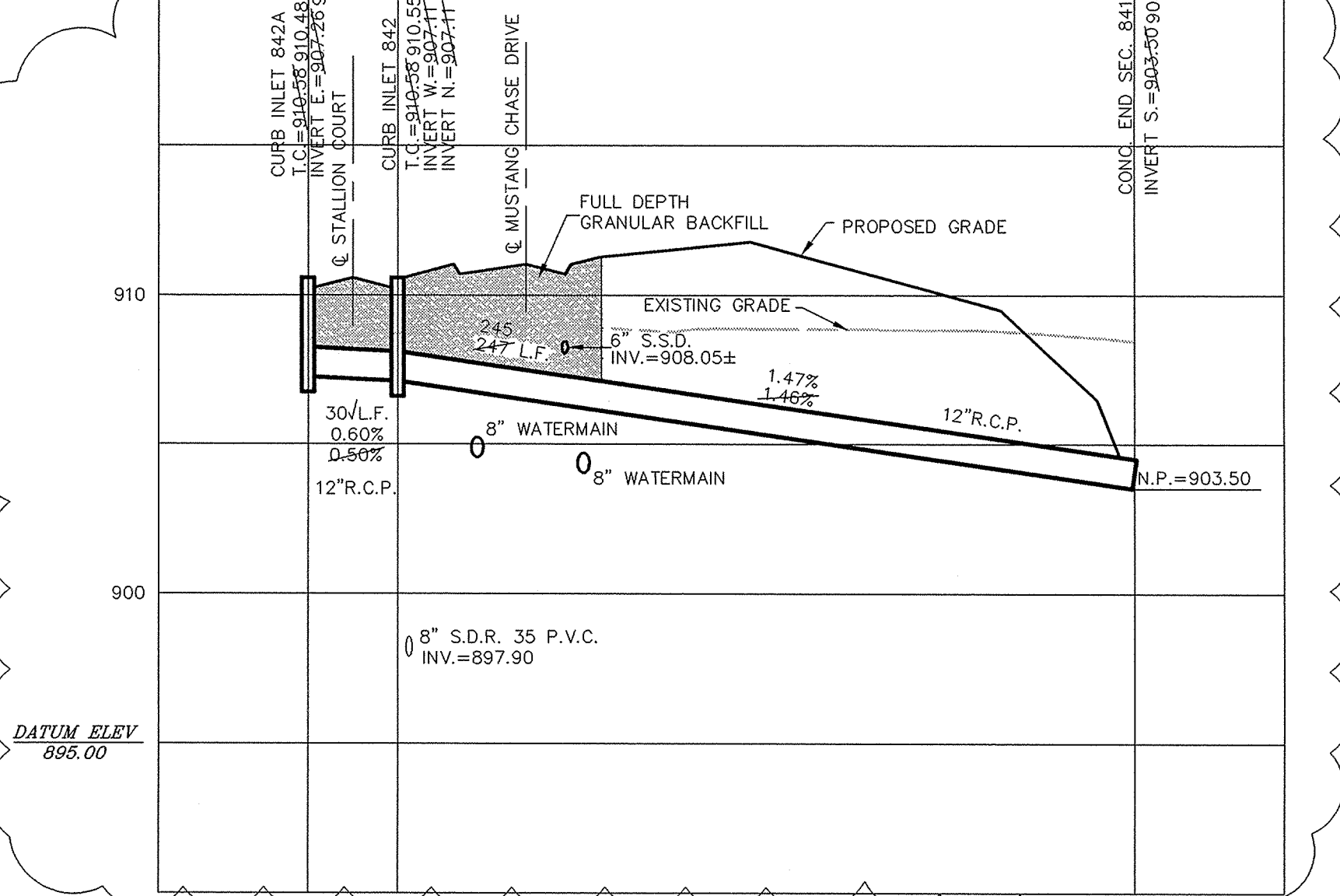


SCALE: 1"=50' HOR.
 1"=5' VERT.



DATUM ELEV 895.00

SCALE: 1"=50' HOR.
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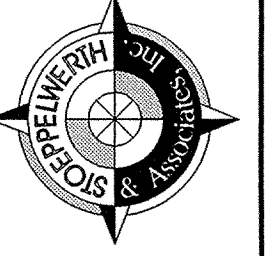
DATUM ELEV 895.00

CERTIFIED: 3/29/02

DATE BY	DATE	REVISIONS	BY
TWF	12/17/02	AS BUILTS	
WAB	8/9/02	CORR. STIM STRUCTURE & STIM SIZES & LABELS	
1"=50'	4/29/02	REV. STIM INFO	
3/29/02			

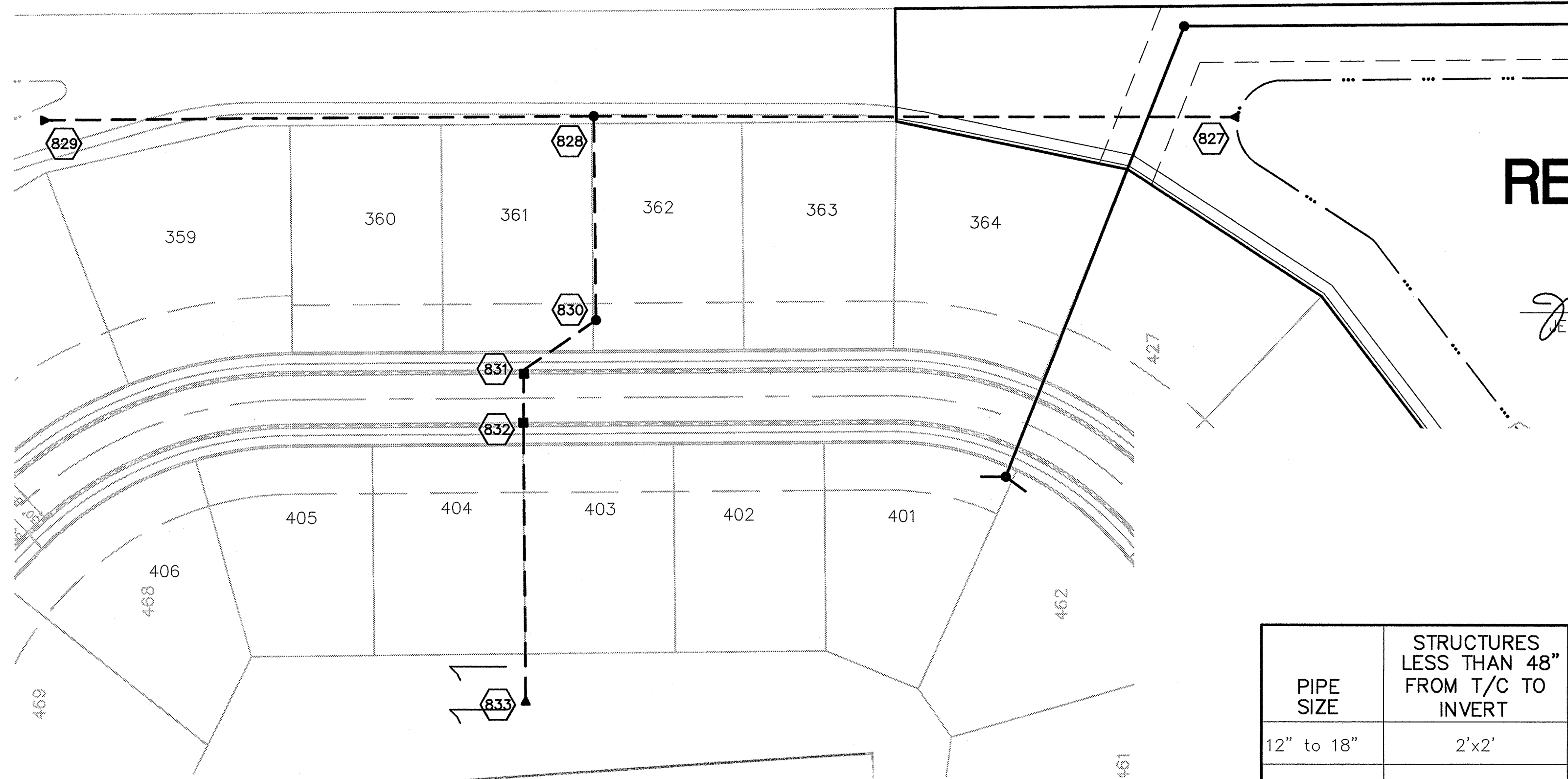
David J. Stappeler
 Registered Professional Engineer
 No. 19358
 STATE OF INDIANA

CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS INDIANA



INDIANA
 CARMEL

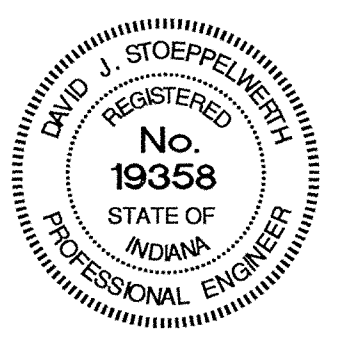
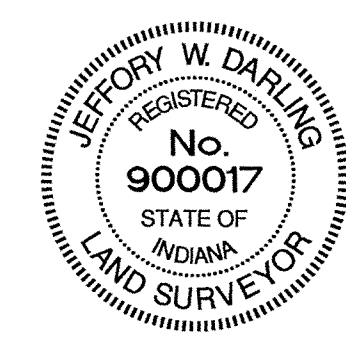
STORM SEWER PLAN & PROFILE
 SADDLE CREEK
 SECTIONS 10 & 11
 SHEET NO. 29
 DEC 23 2002
 OFFICE OF HAMILTON COUNTY ENGINEERING
 JOB NO. 42611



RECORD DRAWING

SCALE: 1" = 50'

Jeffery W. Darling
 JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017
 DATE 12/13/02



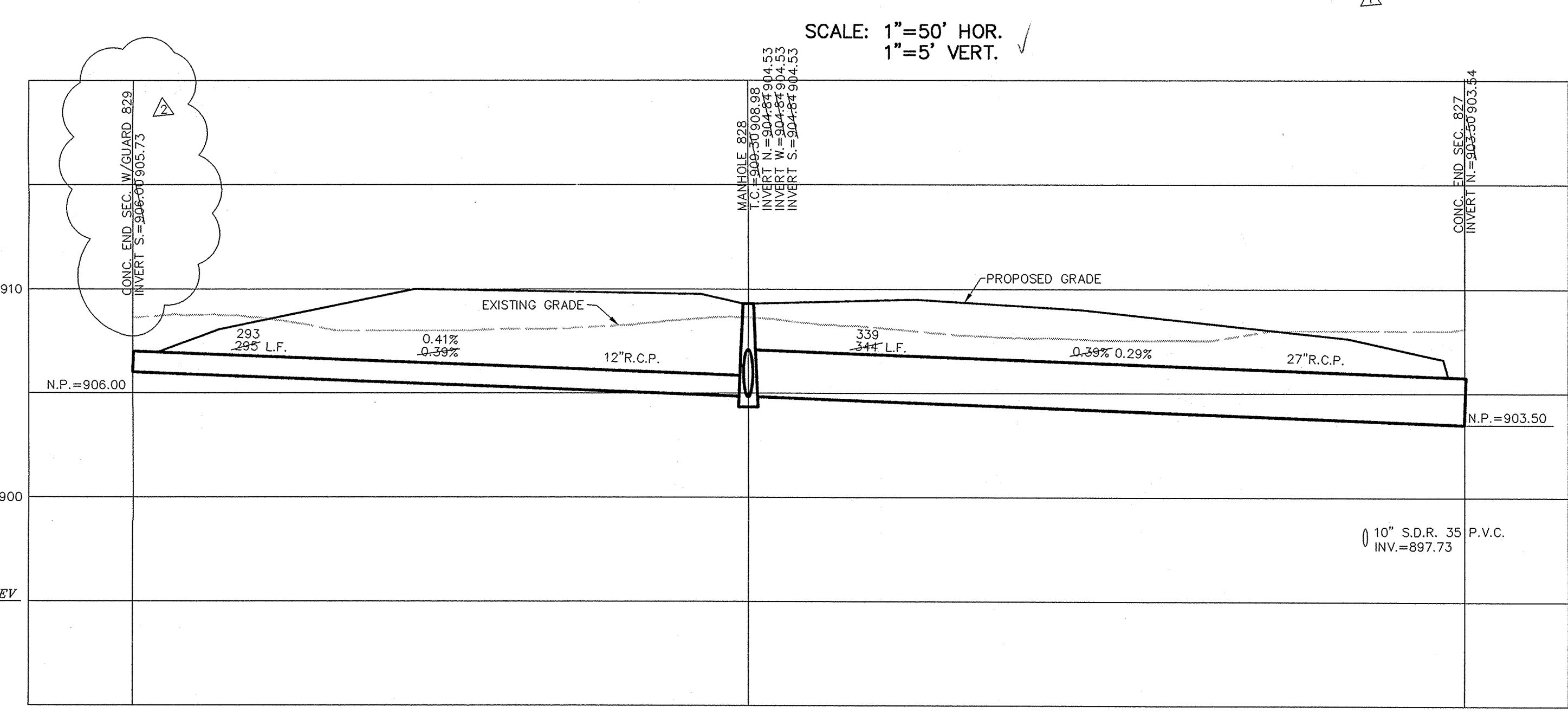
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 Entry Date: 10-28-04
 Entered by: SLM

CURB INLET TABLE

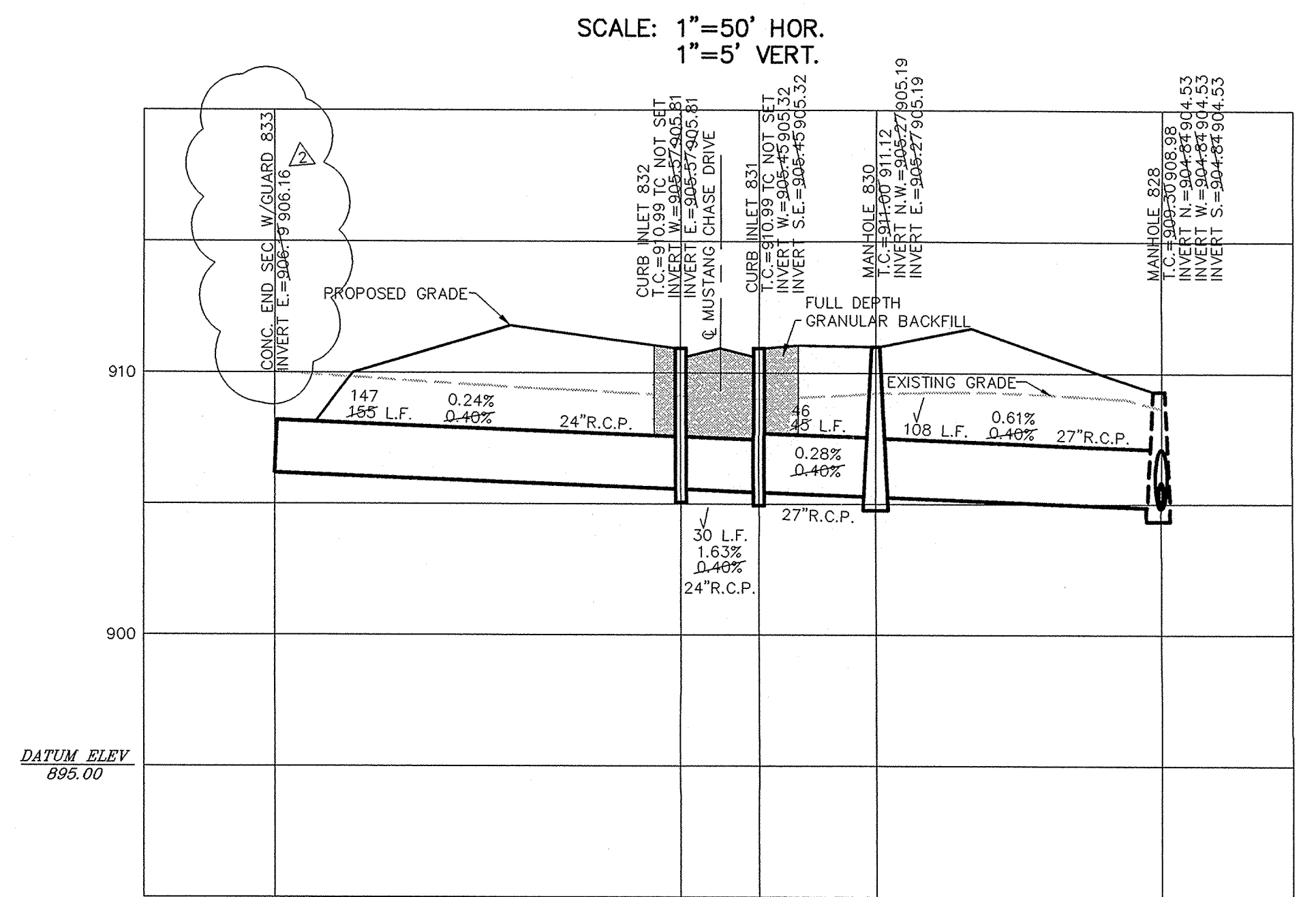
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SCALE: 1" = 50'



DATE	BY	REVISIONS
12/17/02	WAB	AS BUILTS
6/9/02	WAB	REVISE STORM LABELS
4/20/02	WAB	REV. STIM INFO

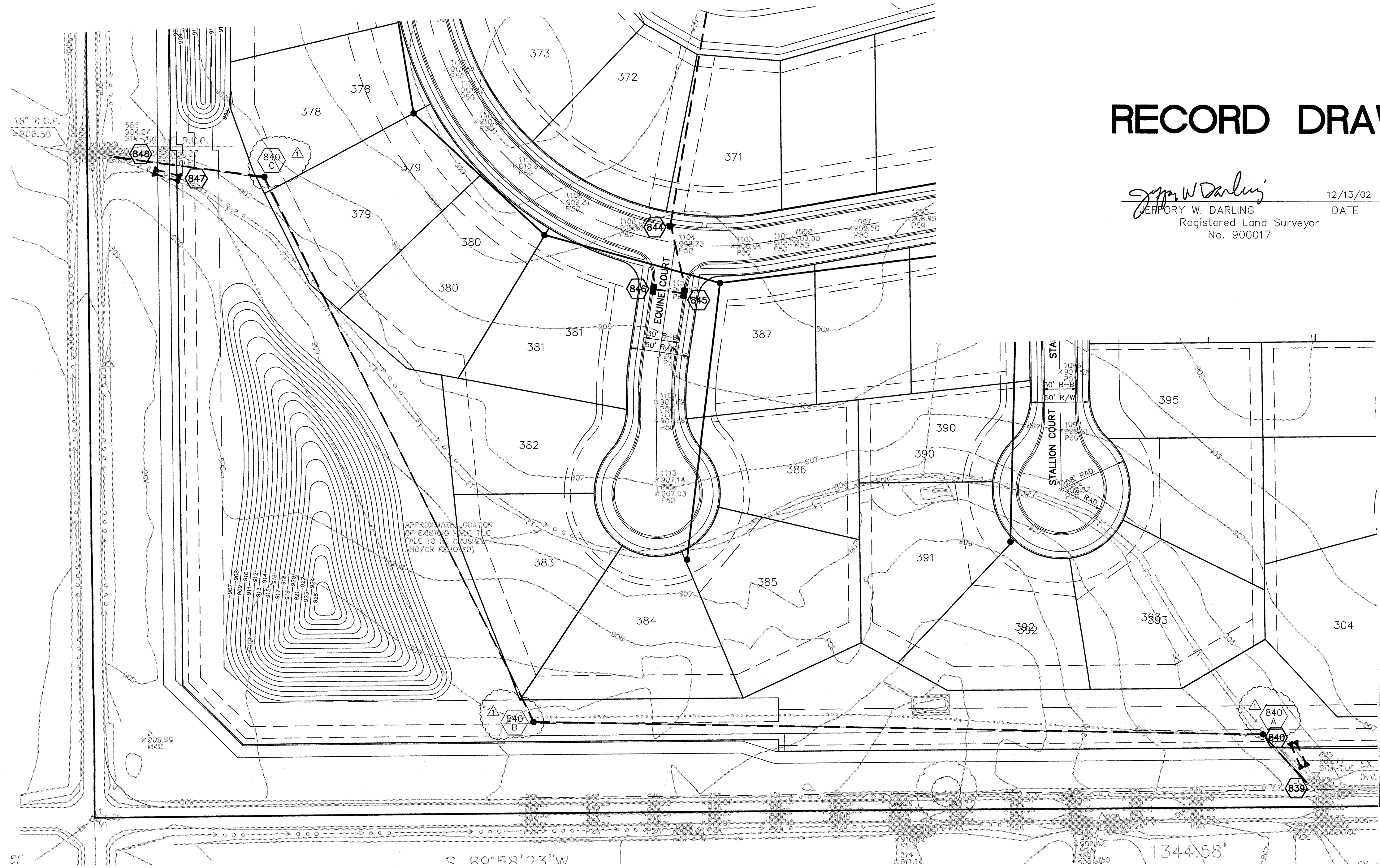
CERTIFIED: 3/29/02
David J. Stoppelmeier
 David J. Stoppelmeier
 Registered Professional Engineer
 No. 19358
 State of Indiana

CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS, INDIANA



STORM SEWER PLAN & PROFILE
 SADDLE CREEK
 SECTIONS 10 & 11
 CARMEL, INDIANA

FILED
 DEC 23 2002
 SHEET NO. 30
 OF 40 SHEETS
 JOB NO. 42611



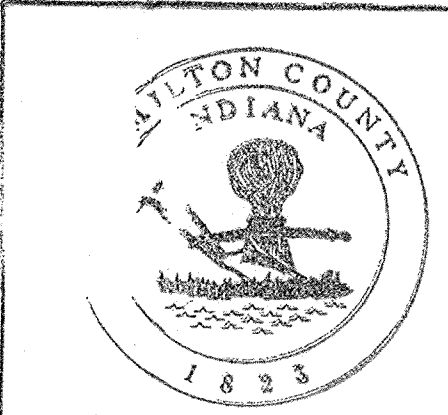
RECORD DRAWING

Jeffery W. Darling
 JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017

12/13/02
 DATE

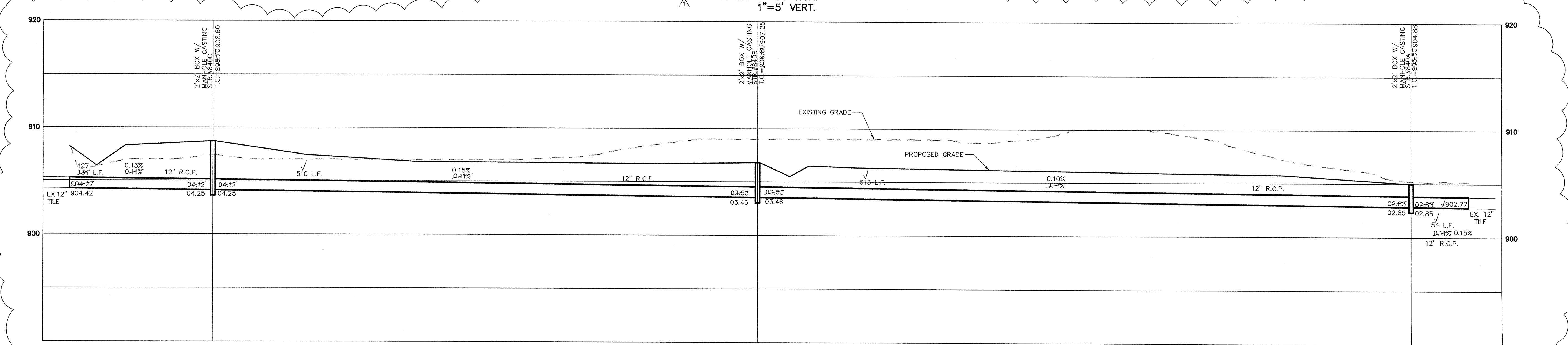


SCALE: 1" = 50'



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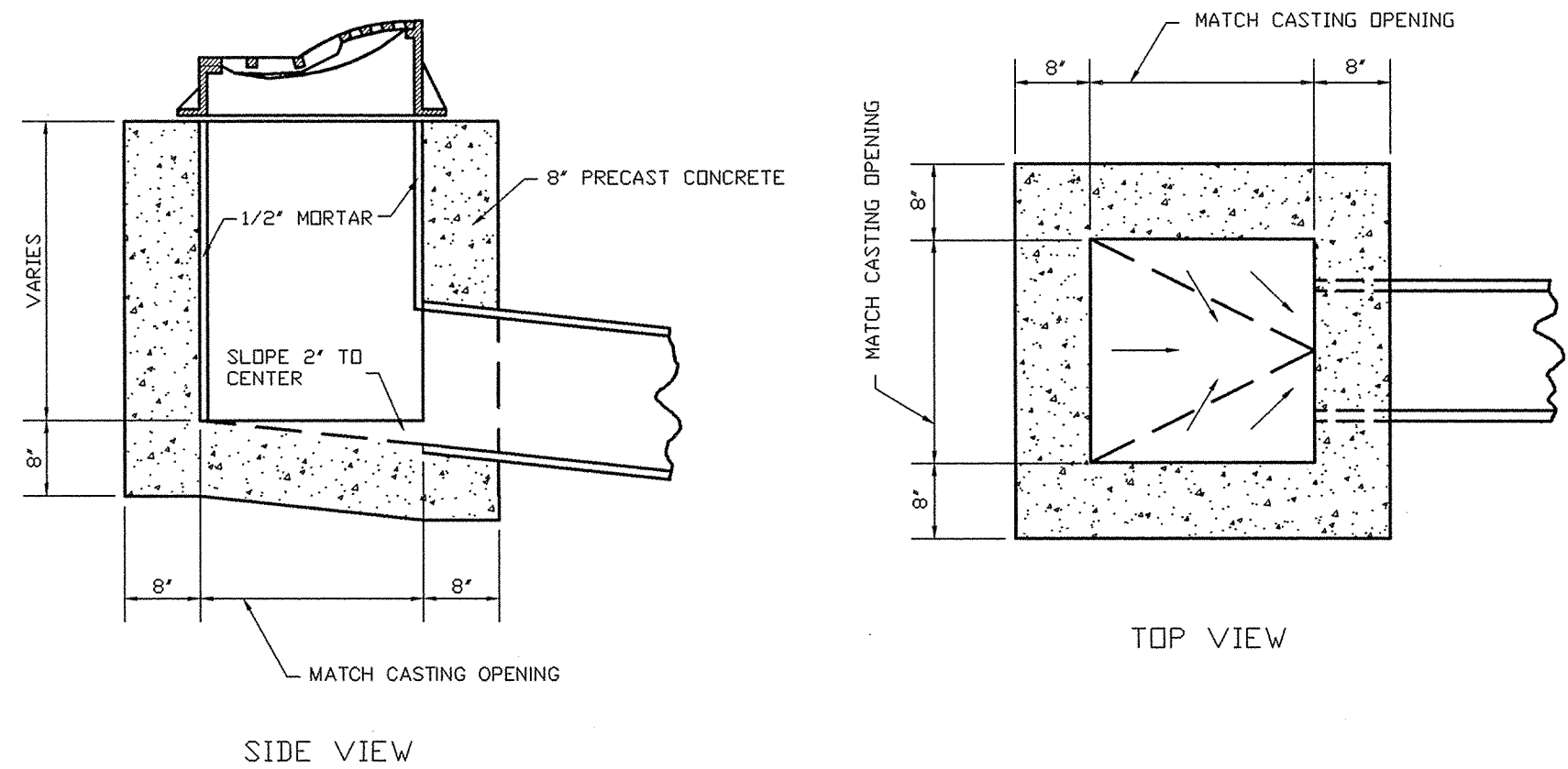


CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS INDIANA
 CERTIFIED: 3/29/02
 David J. Stappert
 REGISTERED PROFESSIONAL ENGINEER
 No. 19358
 STATE OF INDIANA
 DATE: 3/25/02
 SCALE: 1"=50'
 AS BUILT
 REV. STORM, ADDD STR. & CHD PIPE TYPE
 DATE: 7/2/02
 MARK
 REVISIONS
 BY:

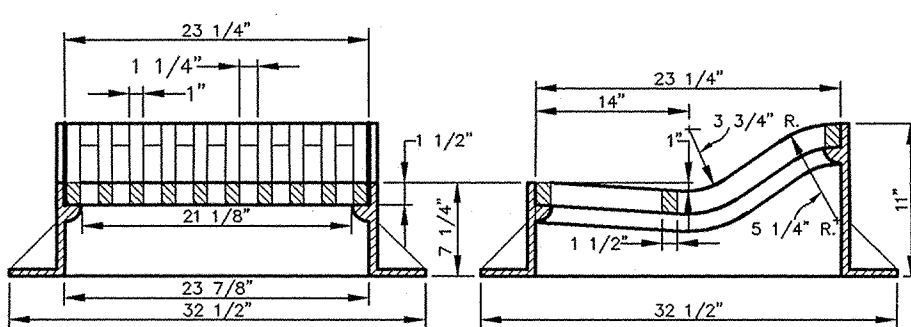
STORM SEWER PLAN & PROFILE
 SADDLE CREEK
 SECTIONS 10 & 11
 CARMEL INDIANA

SHEET NO. **30B**
 DEC 23 2002
 OF 40 SHEETS
 OFFICE OF HAMILTON COUNTY SURVEYOR
 42611

COMPLETELY SEAL CASTING BEARING SURFACE WITH 3:1 MIXTURE OF SAND AND PORTLAND CEMENT.



R-350I-N NEENAH CURB INLET FRAME, GRATE & CURB BOX DETAIL
NOT-TO-SCALE



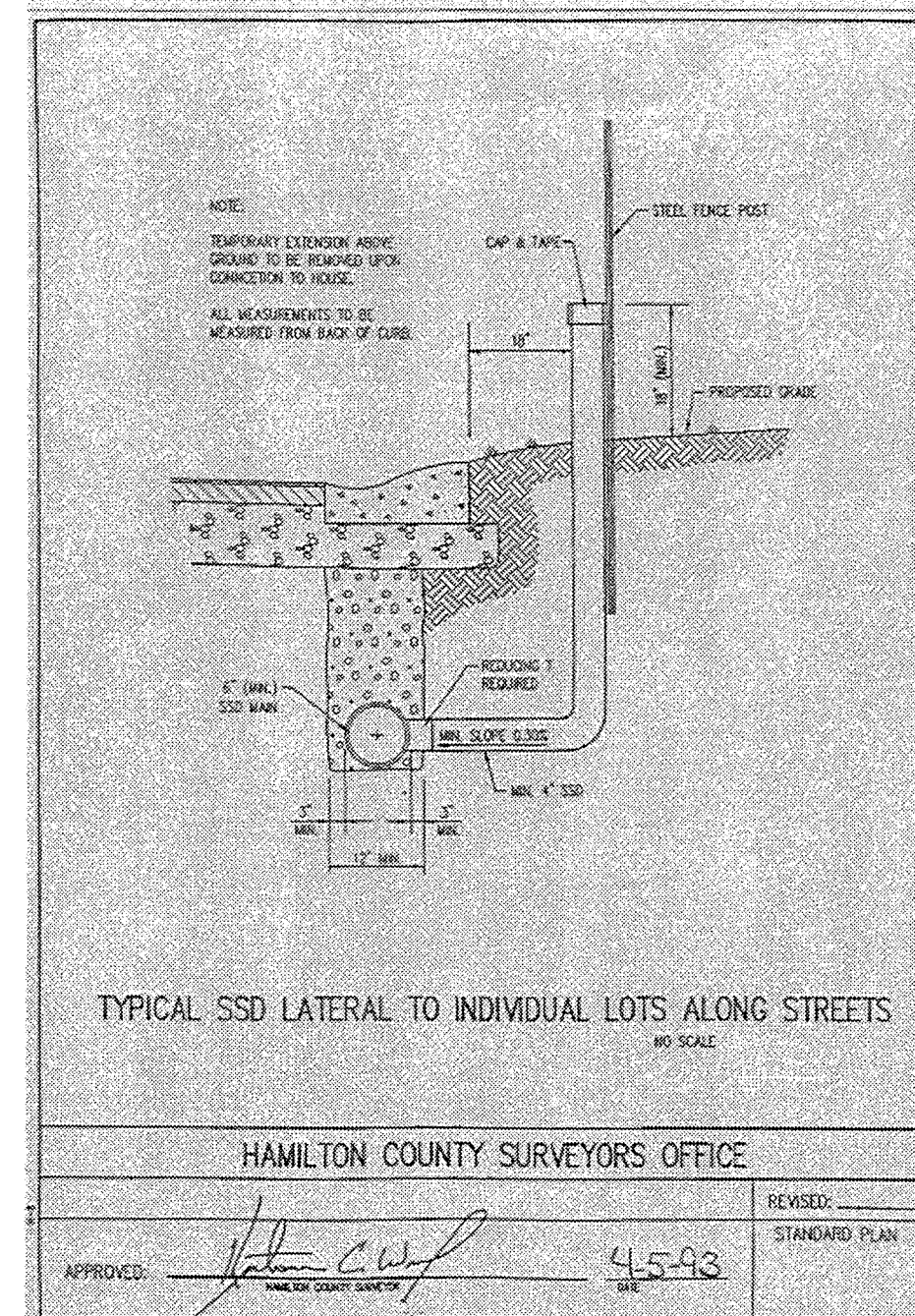
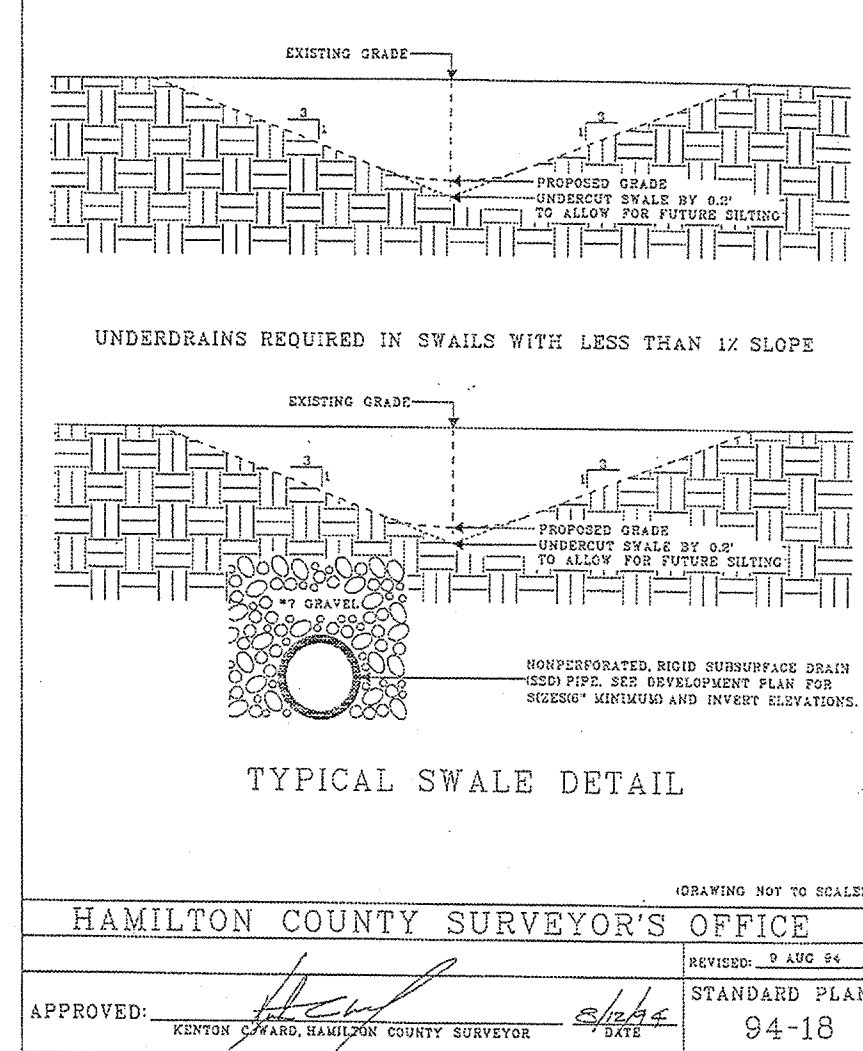
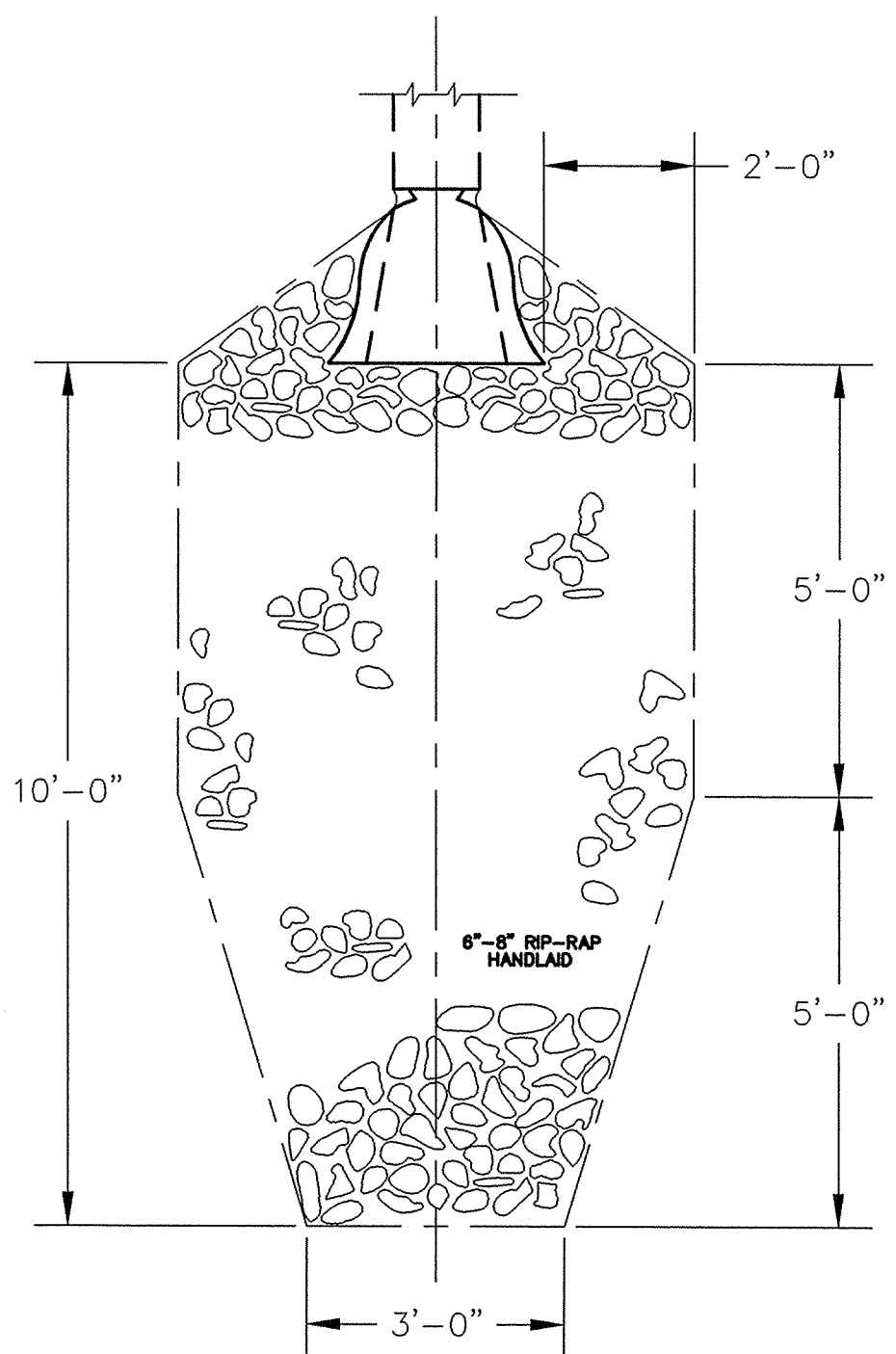
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CURB INLET (Page 1)
CURB INLET TABLE

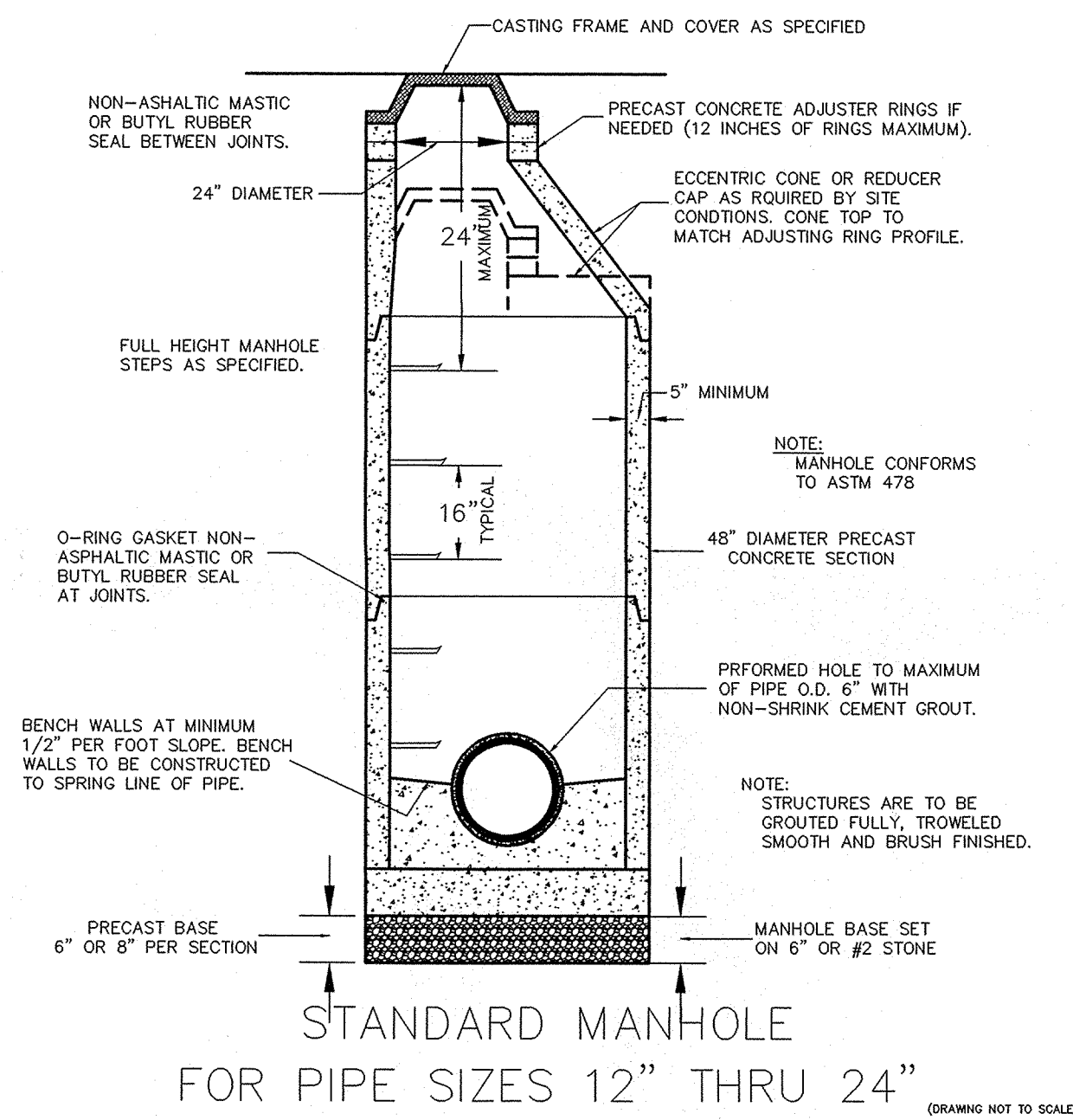
PIPE SIZE (INCHES)	STRUCTURAL LOAD (FROM T.C. TO INVERT) (KIP/FT)	STRUCTURAL LOAD (GREATER THAN 40' FROM T.C. TO INVERT) (KIP/FT)	ANGLE AND QUALITY OF FINISH	STAIN RESISTANT FINISH	CURB CASTING PERIOD	CASTING WEIGHT (LBS)
18 TO 24	74 X 24	---	CONCRETE APPROVAL	NO	140	140
18 TO 24	38 X 30	---	CONCRETE APPROVAL	NO	140	140
18 TO 24	---	METAL	CONCRETE APPROVAL	YES	140	140
24 TO 30	84 X 36	---	CONCRETE APPROVAL	NO	150	150
24 TO 30	---	METAL	CONCRETE APPROVAL	YES	150	150
30 TO 36	90 X 42	---	CONCRETE APPROVAL	NO	160	160
30 TO 36	---	METAL	CONCRETE APPROVAL	YES	160	160
36 TO 42	108 X 54	---	CONCRETE APPROVAL	NO	180	180
36 TO 42	---	METAL	CONCRETE APPROVAL	YES	180	180
42 TO 48	126 X 66	---	CONCRETE APPROVAL	NO	200	200
42 TO 48	---	METAL	CONCRETE APPROVAL	YES	200	200
48 TO 54	144 X 78	---	CONCRETE APPROVAL	NO	220	220
48 TO 54	---	METAL	CONCRETE APPROVAL	YES	220	220

PIPES NO LONGER THAN 18" CAN BE USED IN THE 2" SIDE OF THIS BOX
BROOMING AND PUTTING PIPE EFFECT STEPS IN THIS STRUCTURE
SPECIAL NOTE STRUCTURES DEEPER THAN 40' FROM T.C. TO INVERT WILL BE A M.H. OR A BOX WITH STEPS UNLESS SPECIAL DESIGN IS APPROVED
SPECIAL HOVD STRUCTURES WILL BE DESIGNED FOR MAXIMUM FLOW IN PIPES
SPECIAL NOTE COUNTY MAY REQUIRE STEPS TO BE INSTALLED AFTER STRUCTURE IS SET TO IMPROVE ACCESS

HAMILTON COUNTY SURVEYOR'S OFFICE
APPROVED: KENTON C. WARD, HAMILTON COUNTY SURVEYOR DATE: 3/23/94
STANDARD PLAN 94-18



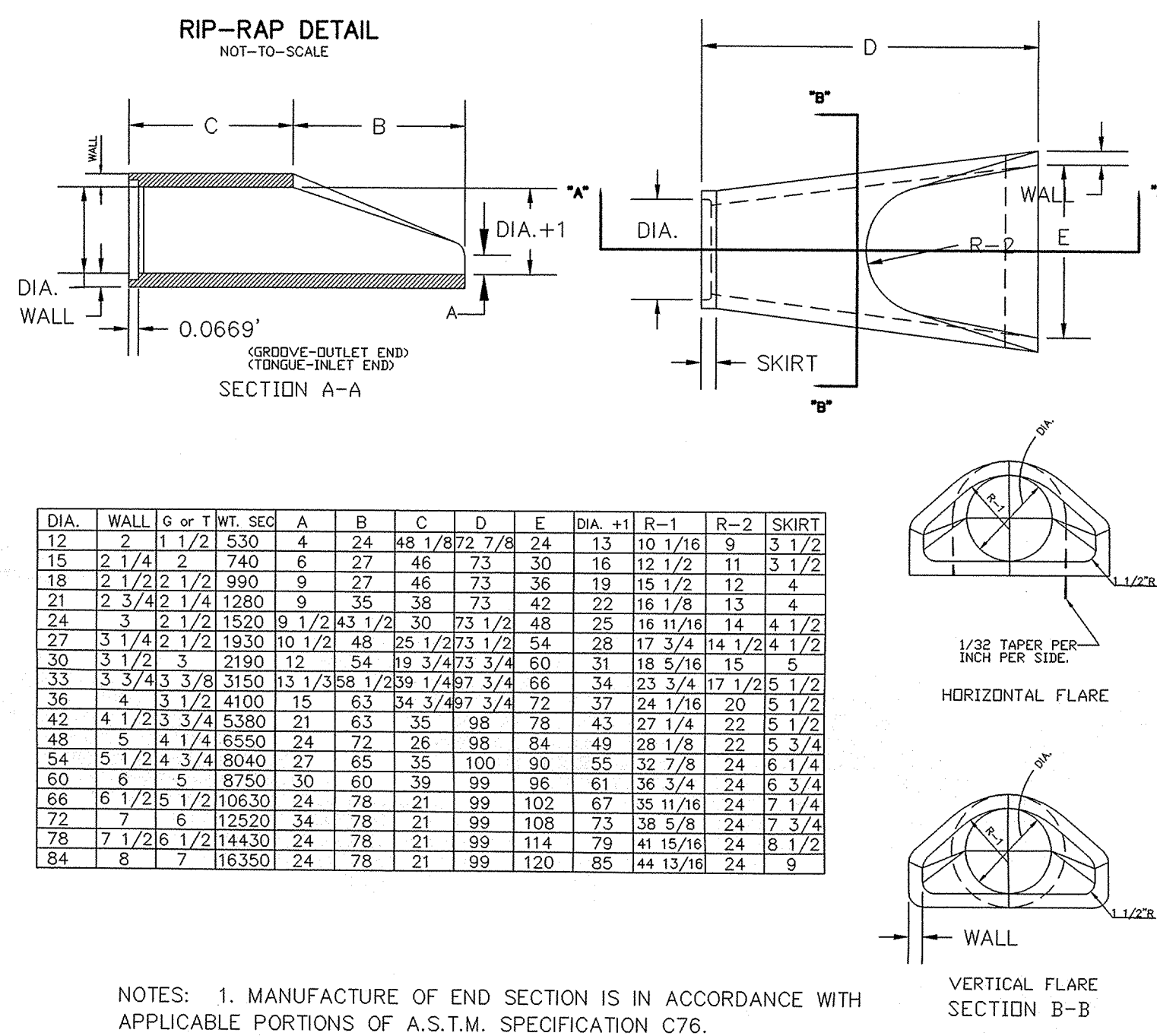
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STANDARD MANHOLE FOR PIPE SIZES 12" THRU 24"

HAMILTON COUNTY SURVEYOR'S OFFICE

APPROVED: KENTON C. WARD, HAMILTON COUNTY SURVEYOR DATE: 3/23/94
STANDARD PLAN 95-9

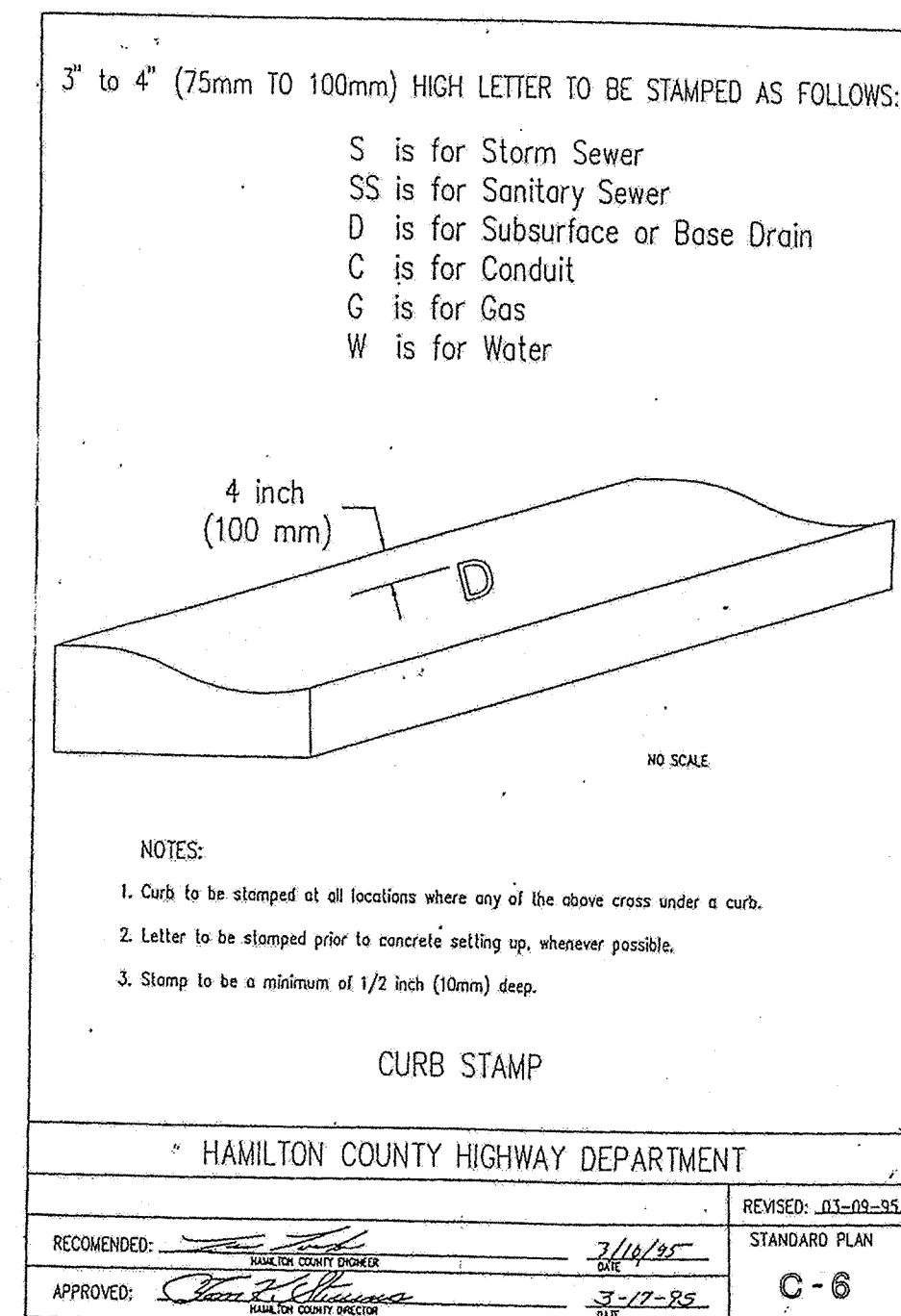


PRECAST CONCRETE END SECTION DETAIL

OFFICE OF THE HAMILTON COUNTY SURVEYOR

LAKE CROSS-SECTIONS OPTION 3

HAMILTON COUNTY SURVEYOR'S OFFICE
APPROVED: KENTON C. WARD, HAMILTON COUNTY SURVEYOR DATE: 3/23/94
STANDARD PLAN D-8



- NOTES:
1. Curb to be stamped at all locations where any of the above cross under a curb.
 2. Letter to be stamped prior to concrete setting up, whenever possible.
 3. Stamp to be a minimum of 1/2 inch (10mm) deep.

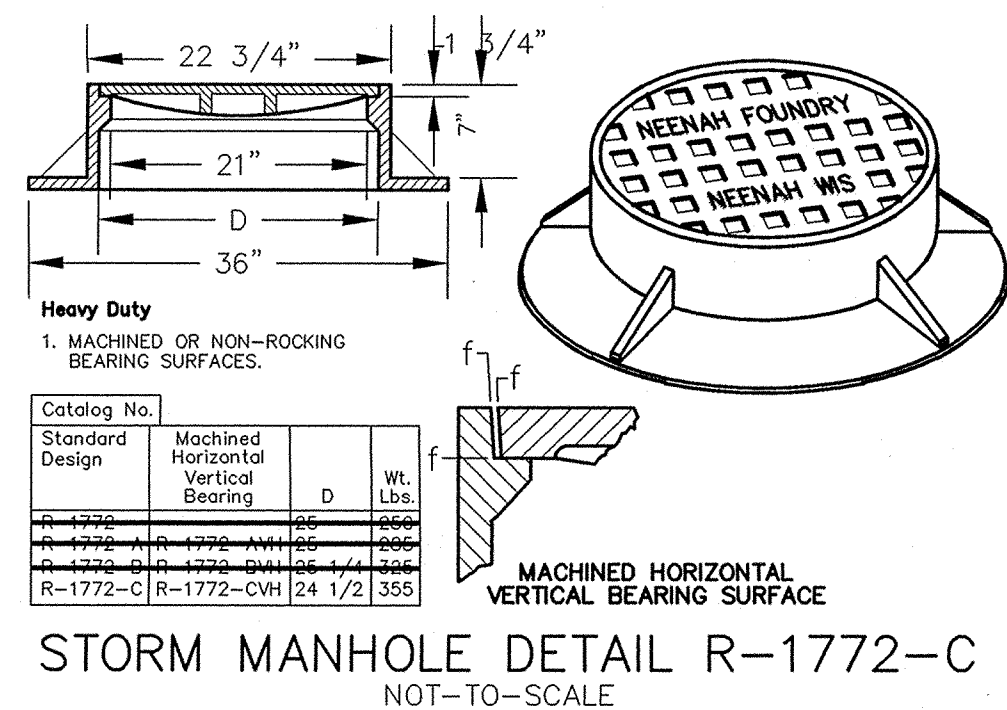
CURB STAMP

HAMILTON COUNTY HIGHWAY DEPARTMENT
RECOMMENDED: DATE: 3/23/94
APPROVED: KENTON C. WARD, HAMILTON COUNTY SURVEYOR DATE: 3/23/94
STANDARD PLAN C-6

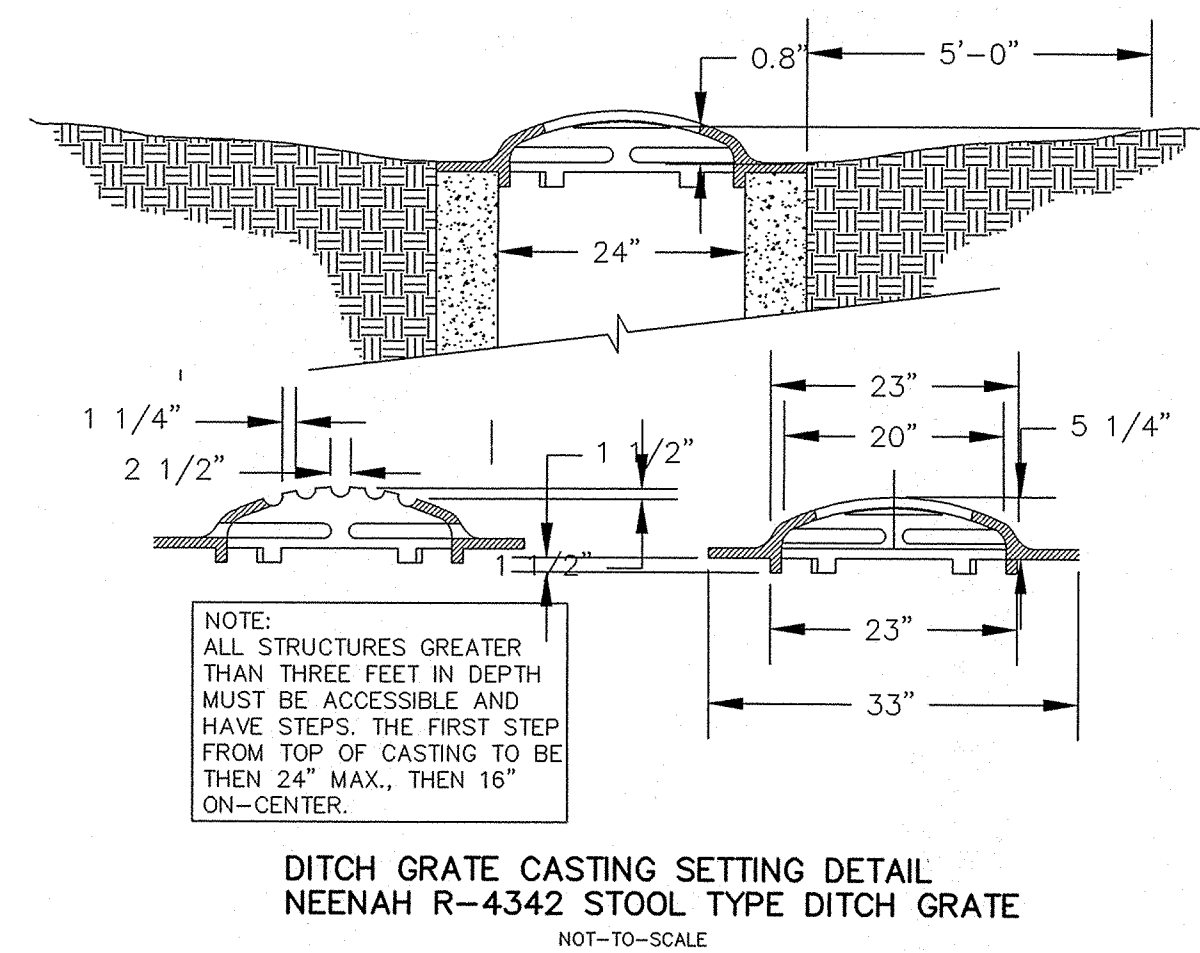
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LAKE OUTLET DETAIL FOR LAKE CROSS-SECTION OPTION 2

HAMILTON COUNTY SURVEYOR'S OFFICE
APPROVED: KENTON C. WARD, HAMILTON COUNTY SURVEYOR DATE: 8/12/94
STANDARD PLAN 94-9



STORM MANHOLE DETAIL R-1772-C NOT-TO-SCALE

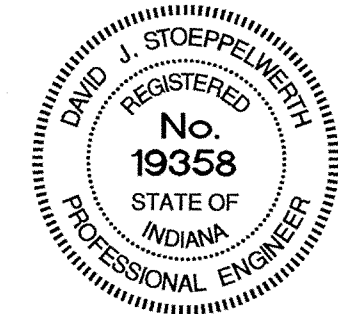


DITCH GRATE CASTING SETTING DETAIL NEENAH R-4342 STOOL TYPE DITCH GRATE NOT-TO-SCALE

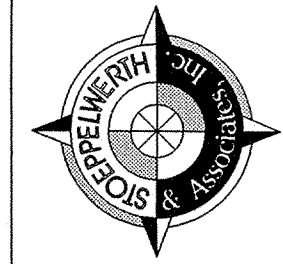
OFFICE OF THE HAMILTON COUNTY SURVEYOR

DEBRIS GUARD

HAMILTON COUNTY SURVEYOR'S OFFICE
APPROVED: KENTON C. WARD, HAMILTON COUNTY SURVEYOR DATE: 3/23/94
STANDARD PLAN D-12



CERTIFIED: 3/29/02
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INDIANA
CONSTRUCTION DETAILS
SADDLE CREEK
SECTIONS 10 & 11
CARMEL

SHEET NO. 39
DEC 23 2002
JOB NO. 2302020
SHEETS 42817