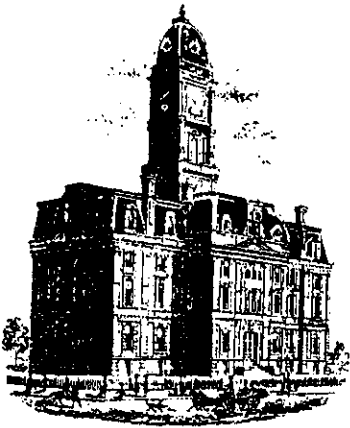


Drain: EMILY VESTAL **Drain #:** 8495
Improvement/Arm: WILLOW LAKE RELOCATION
Operator: J. LIVINGSTON **Date:** 9-1-04
Drain Classification: Urban/Rural **Year Installed:** 2001

GIS Drain Input Checklist

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

JL
N/A
N/A
N/A
JL
JL
JL
JL
JL
JL
JL



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

August 24, 2001

Re: Emily Vestal Drain

Attached is a petition and plans for the proposed relocation of the Emily Vestal Drain. The relocation is being proposed Adams & Marshall. The proposal is to relocate and reconstruct the Drain South of 171st Street to the south line of Adams & Marshall Tract Number 11-10-02-00-00-027.001.

The line will consist of the following:

A total of 2,765 feet of open drain including a 65-foot and 50 foot connection to the existing drain at proposed Sta. 319+40 and 311+40.

Ditch

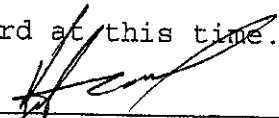
The total length of new ~~tile~~ shall be 2,765 feet. The 2,650 feet of original drain between Sta. 0+00 and Sta. 26+50 shall be vacated. This proposal will add an additional 115 feet to the drains total length.

The cost of the relocation is to be paid by Adams & Marshall. Because the project is to be paid by the petitioner and is within the boundaries of the petitioners property the project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, a hearing is not required for the petition.

The petitioner has provided the performance bond as follows:

Name of Bonding Co.:	<u>Sentry Financial Corporation</u>
Bond Number:	<u>AM 814-01</u>
Bond Date:	<u>August 15, 2001</u>
Bond Amount:	<u>\$72,750</u>
Bond Term (1 Year Max):	<u>August 14, 2001</u>

I recommend approval by the Board at this time.



Kenton C. Ward
Hamilton County Surveyor

KCW/llm

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: _____)
Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

Adams & Marshall, Inc. and Hamilton County (hereinafter "Petitioner"),
Surveyor's Office

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a
section of the Emily Vestal Drain, and in support of

said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the Emily Vestal Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the Emily Vestal Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the Emily Vestal Drain, without cost to other property owners on the watershed of the Emily Vestal Drain.
5. Proposed relocation and reconstruction will not adversely affect other land owners within the drainage shed.
6. Petitioner requests approval of the proposed relocation and reconstruction under IC 36-9-27-52.5.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the Emily Vestal Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

Gordon Byers atty for Adams Marshall Inc.
Signed
Adams & Marshall, Inc.
Printed

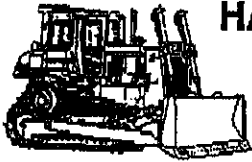
Hamilton County Surveyor

FILED

JUL 10 2001

Proposal

Page No. 1 of 1 Pages



HARVEY CONSTRUCTION CO., INC.

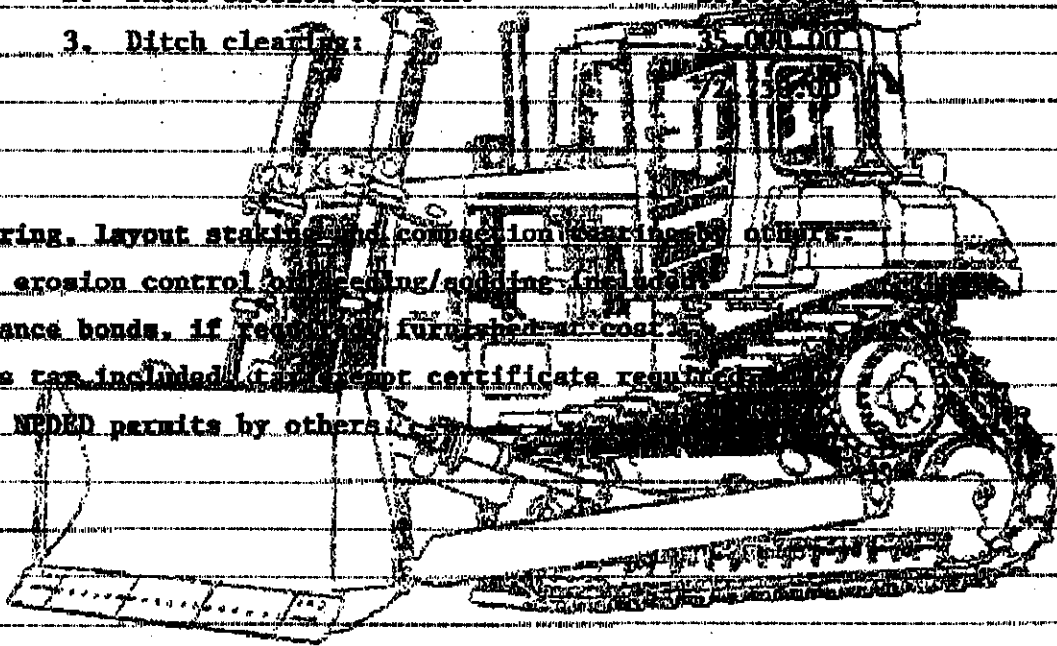
9125 EAST 146th STREET
NOBLESVILLE, INDIANA 46060
OFFICE (317) 773-7302
FAX (317) 773-7565

ATTN: Pete Adams

PROPOSAL SUBMITTED TO Adams & Marshall, Inc.	PHONE 844-8494	DATE 08/13/01
STREET 9011 North Meridian Suite 210	JOB NAME WILLOW LAKE-VESTAL DITCH RECONSTRUCTION	
CITY, STATE AND ZIP CODE Indianapolis, IN 46260	JOB LOCATION 171st St. & Willowview Rd. Noblesville	
ENGINEER Stoepelwerth	DATE OF PLANS 05/21/01	REV. DATE 7/30/01
	REV. DATE	JOB PHONE

We hereby submit specifications and estimates for:

- 1. Offsite ditch const.: \$ 16,750.00
- 2. Ditch erosion control: 21,000.00
- 3. Ditch clearing: 3,000.00



NOTES:

Engineering, layout staking and completion drawings to be provided by owner.

soil erosion control on existing/exposed slopes.

Maintenance bonds, if required, furnished at cost.

No sales tax included. Tax exempt certificate required.

NOI and NDEED permits by others.

We propose hereby to furnish material and labor - complete in accordance with above specifications, for the sum of:

Seventy two thousand seven hundred fifty & 00/100 dollars (\$ **72,750.00**)

Payment to be made as follows:
Monthly estimates billed on the 30th
payment due on the 10th.

TERMS: NET AS PER CONTRACT AGREEMENT

If your account is not paid in full when due, a FINANCE CHARGE, computed by the PERIODIC RATE of 1.5% per month, which is an ANNUAL PERCENTAGE RATE 18% will be imposed on the past due balance on the due date.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry, fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation insurance.

Authorized Signature _____
Michael Hargis, Estimator

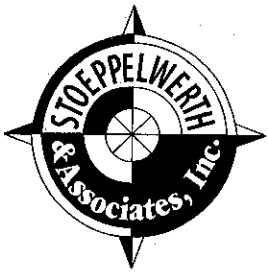
Note: This proposal may be withdrawn by us if not accepted within **30** days.

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature _____

Signature _____

Date of Acceptance _____



CONSULTING ENGINEERS • LAND SURVEYORS

David J. Stoepfelwerth, P.E., P.L.S.
President, C.E.O.

Curtis C. Huff, P.L.S.
Vice-President, C.O.O.

R.M. Stoepfelwerth, P.E., P.L.S.
President Emeritus

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Willow Lake – Vestal Ditch Reconstruction

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 subdivision.
3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision.
4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications.

Signature: *Jeffery W. Darling* Date: January 3, 2003

Type or Print Name: Jeffery W. Darling

Business Address: Stoepfelwerth & Associates, Inc.

9940 Allisonville Road, Fishers, Indiana 46038

Telephone Number: (317) 849-5935

SEAL

INDIANA REGISTRATION NUMBER

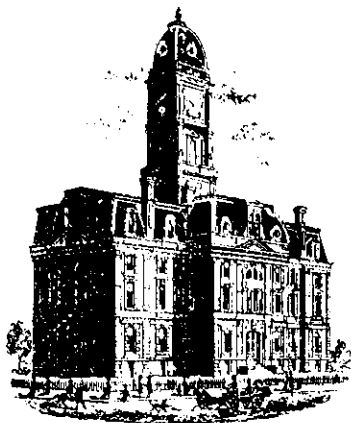
900017



S/38984/Apps

9940 Allisonville Road • Fishers, Indiana 46038-2005 • (317) 849-5935 • 1-800-728-6917 • FAX: (317) 849-5942

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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

August 5, 2004

Re: Emily Vestal Drain: Willow Lake Relocation

Attached are as-builts, certificate of completion & compliance, and other information for Willow Lake Reconstruction. 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 24, 2001. The report was approved by the Board at the hearing held August 27, 2001. (See Drainage Board Minutes Book 6, Pages 11-112)

The changes are as follows: the length of open ditch was shortened from 2,765 feet to 2,670 feet. The length of the drain due to the changes described above is now **2,670 feet**. The original drain between Sta. 0 – Sta. 26+50 was vacated. Therefore, this project added an additional 20 feet to the drains length.

The following sureties were guaranteed by Sentry Financial Corp. and released by the Board on its January 27, 2003 meeting.

Bond-LC No: AM814-01


Amount: \$72,750

Insured For: Vestal Relocation

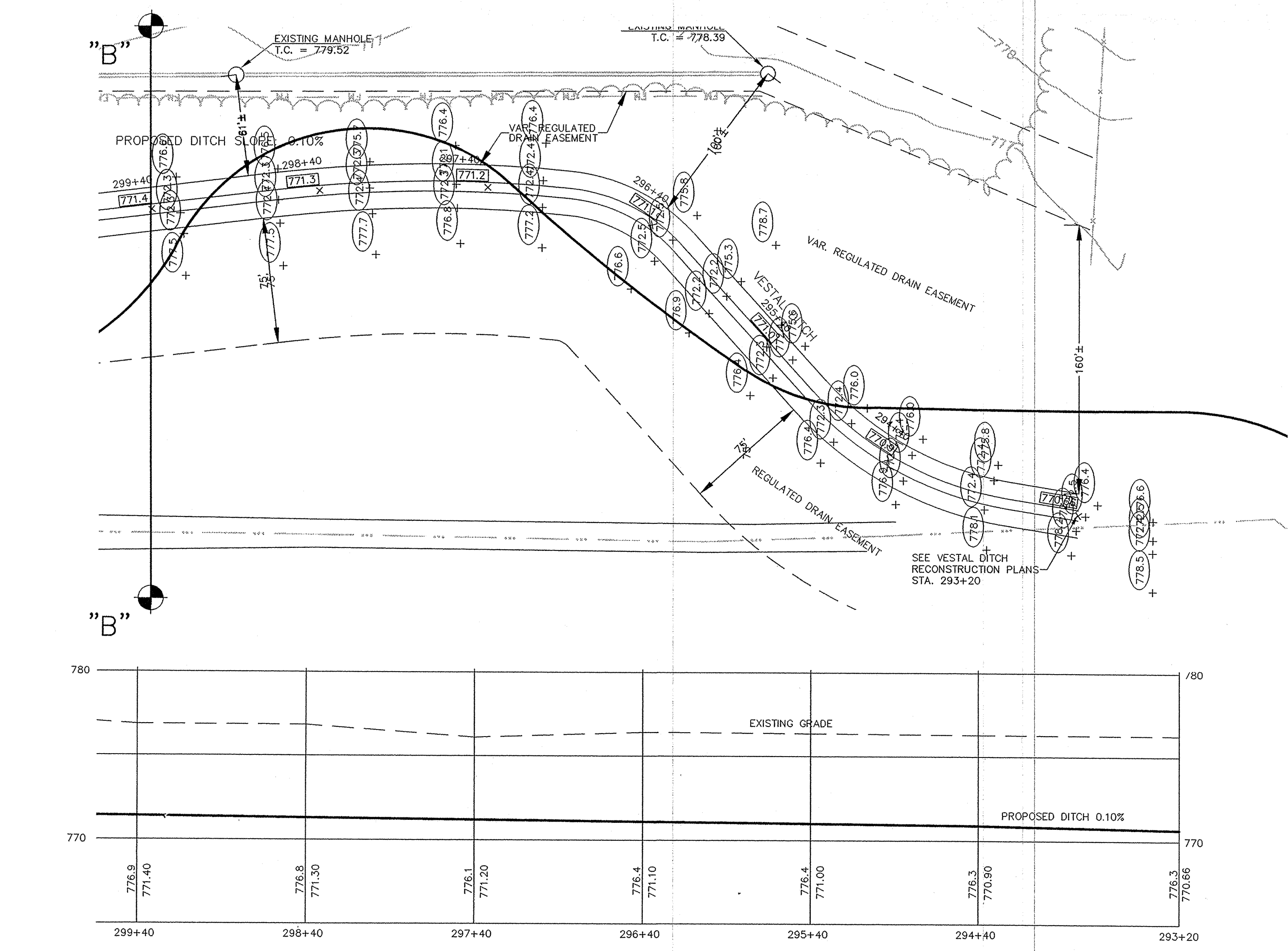
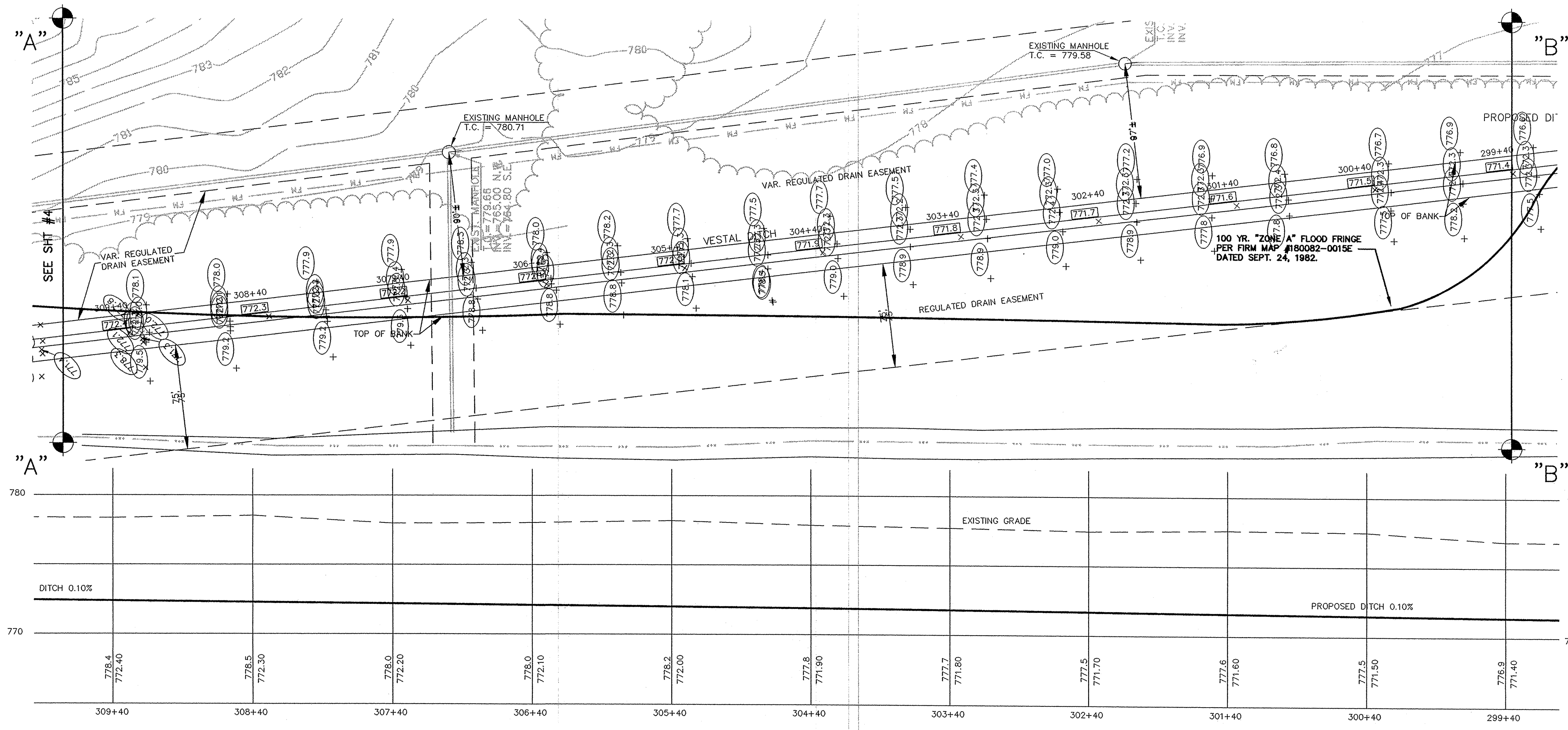
Issue Date: August 15, 2001

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

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor



SCALE: 1" = 50'

LEGEND

- EXISTING CONTOUR
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED GRADE
- PROPOSED CONTOUR

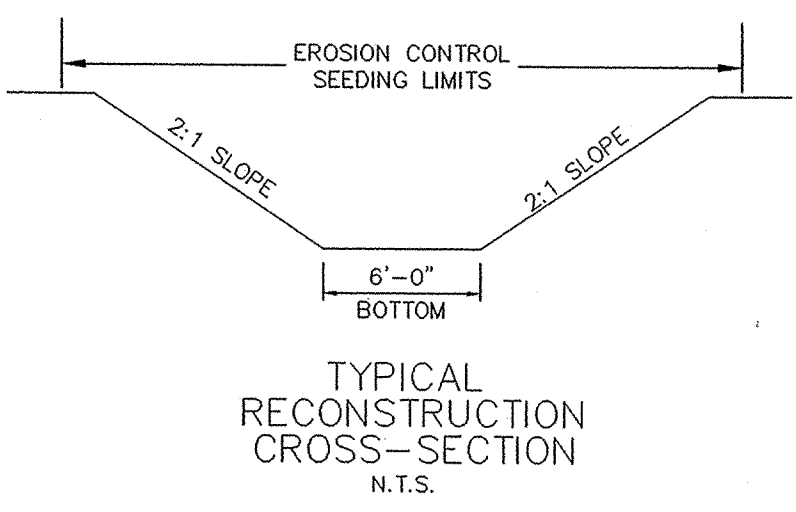
CONSTRUCTION LIMITS STA. 293+20 - STA. 319+90

MILTON COUNTY INDIANA 1823

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Entry Date: 9-1-04

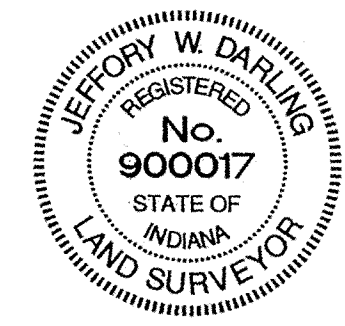
Entered by: [Signature]



RECORD DRAWING

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

12/20/02
 DATE

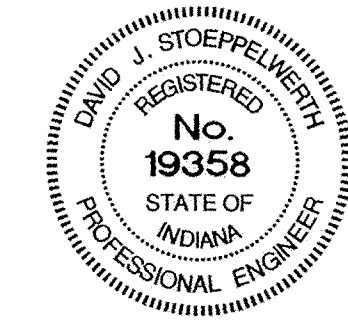


"HOLEY MOLEY" SAYS:

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.



CERTIFIED: 5/21/01

OWN BY: [Blank]

CREM: [Blank]

OK BY: [Blank]

EFF: [Blank]

SCALE: 1" = 50'

DATE: 5/21/01

MARK: [Blank]

REVISIONS: [Blank]

BY: [Blank]

CONSULTING ENGINEERS - LAND SURVEYORS

(317) 849-5935 1-800-728-6917 FAX: (317) 849-5942

INDIANAPOLIS INDIANA

INDIANAPOLIS INDIANA

VESTAL DITCH RECONSTRUCTION PLAN

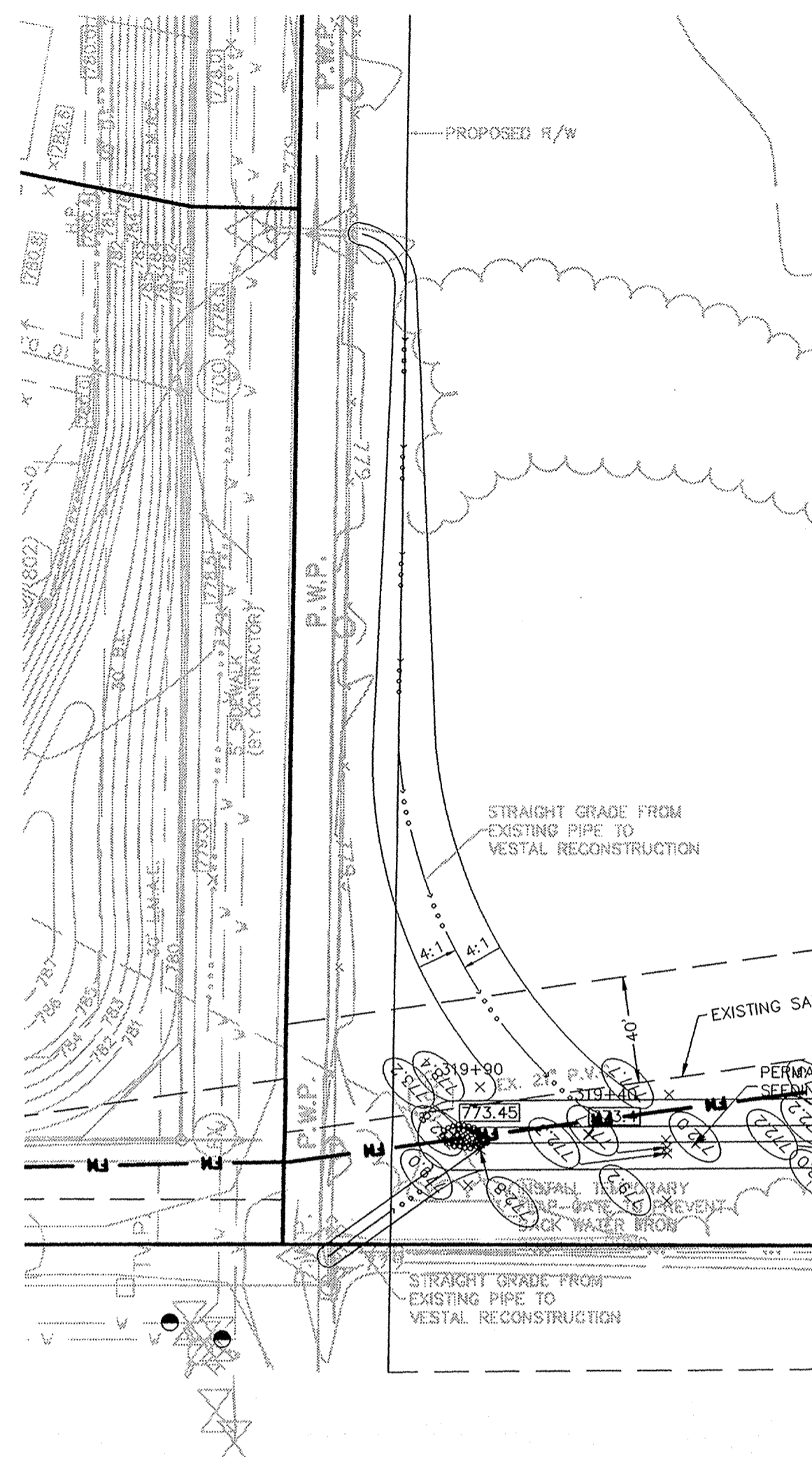
WILLOW LAKE

NOBLESVILLE INDIANA

SHEET NO. 4A

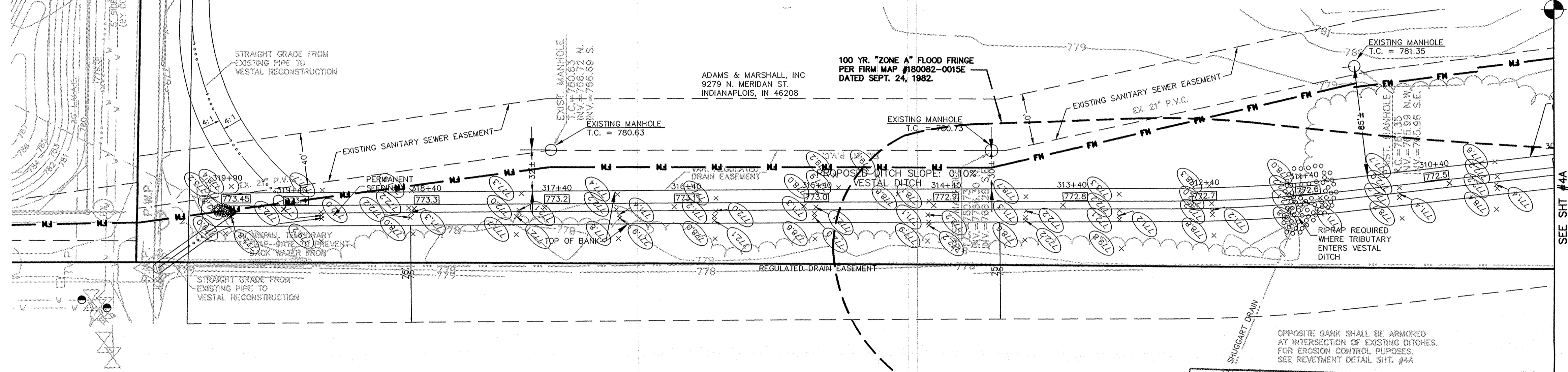
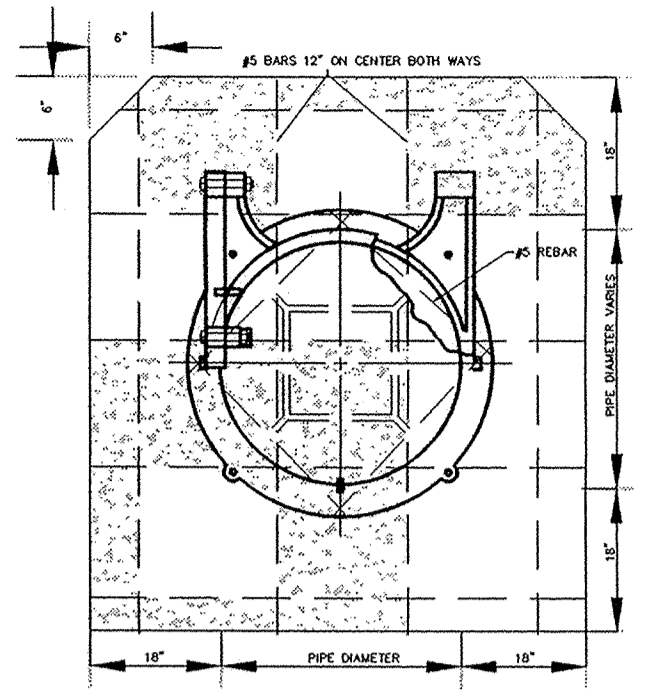
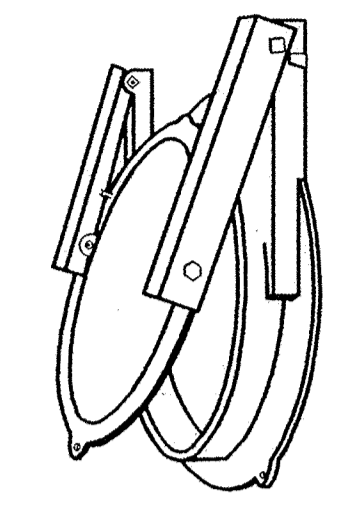
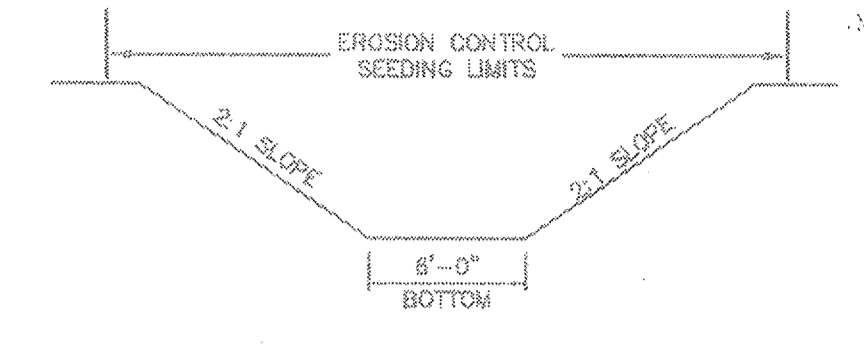
OF 17 SHEETS

JOB NO. 38984

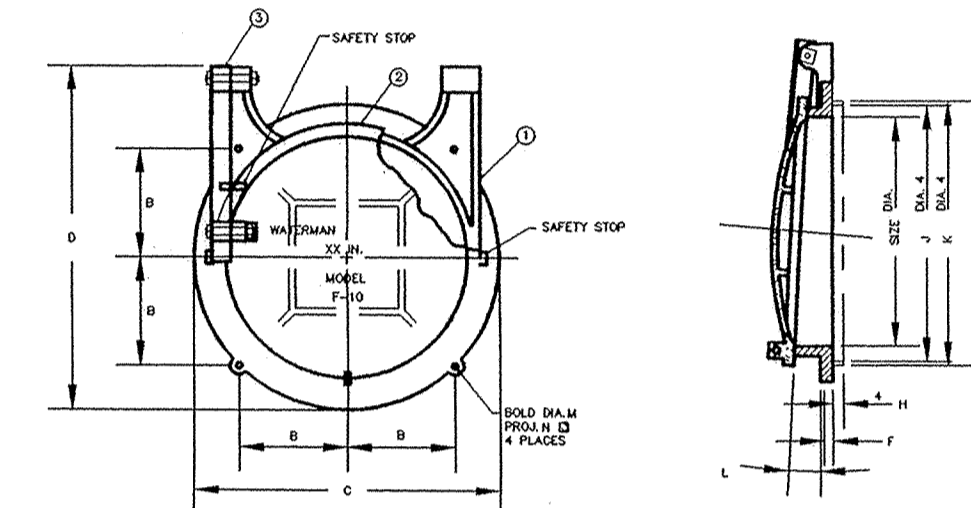


SCALE: 1" = 50'

- LEGEND**
- EXISTING CONTOUR
 - EXISTING SANITARY SEWER
 - EXISTING STORM SEWER
 - PROPOSED GRADE
 - PROPOSED CONTOUR

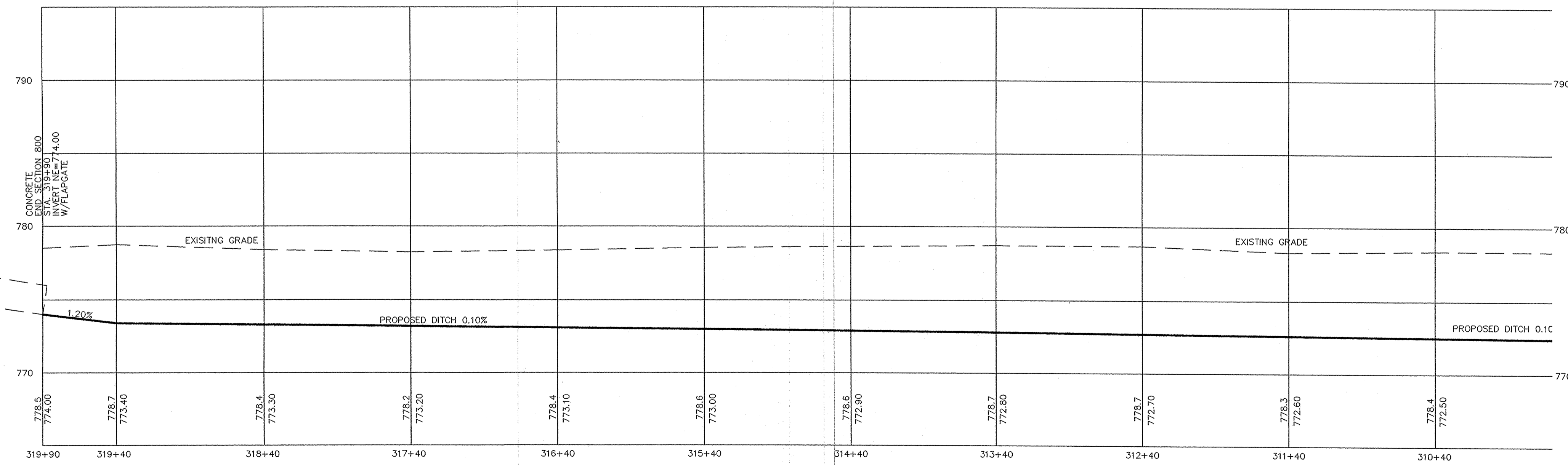


TEMPORARY FLAPGATE DETAIL NOT-TO-SCALE



- NOTES:**
- FOR USE WITH SEATING HEADS TO 10 FEET.
 - NOT RECOMMENDED FOR PUMP DISCHARGE USE.
 - ADD GROUT PAD THICKNESS TO ANCHOR BOLT PROJECTIONS.
 - APPLY TO ALL GATE ONLY. SPIGOT, SHOWN IN SECTION A-A.

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: 9-1-04
 Entered by: [Signature]

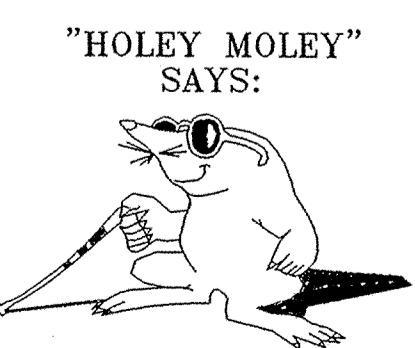


GATE DIMENSIONS IN INCHES

SIZE	A	B	C	D	F	G	H	J	K	L	M	N
4	2 1/4	6 5/16	8 1/2	3/8	4 1/8	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
6	3 1/8	8 1/8	10	3/8	4 1/8	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
8	4 1/4	10 1/4	12 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
10	5 1/4	12 1/4	14 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
12	6 1/4	14 1/4	16 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
14	7 1/4	16 1/4	18 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
16	8 1/4	18 1/4	20 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
18	9 1/4	20 1/4	22 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
20	10 1/4	22 1/4	24 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
22	11 1/4	24 1/4	26 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
24	12 1/4	26 1/4	28 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
30	18 1/4	32 1/4	38 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
36	24 1/4	38 1/4	44 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
42	30 1/4	44 1/4	50 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
48	36 1/4	50 1/4	56 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
54	42 1/4	56 1/4	62 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
60	48 1/4	62 1/4	68 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
66	54 1/4	68 1/4	74 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
72	60 1/4	74 1/4	80 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
78	66 1/4	80 1/4	86 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
84	72 1/4	86 1/4	92 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	
90	78 1/4	92 1/4	98 1/2	3/8	4 1/2	2 1/4	5 1/8	5 5/8	5	1/2	1 3/8	

RECORD DRAWING

Jeffery W. Darling
 Registered Land Surveyor
 No. 900017
 DATE: 12/20/02



"HOLEY MOLEY" SAYS:
 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.

CAUTION
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 FOR CALLS OUTSIDE OF INDIANA

CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5835 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS, INDIANA
 David J. Stappeler
 REGISTERED LAND SURVEYOR
 No. 19358
 STATE OF INDIANA
 DATE: 5/21/01
 REVISIONS: [Blank]
 SHEET NO. 4 OF 17 SHEETS
 JOB NO. 38984