

Drain: SPRINGS OF CAMBRIDGE DRAIN **Drain #:** 262
Improvement/Arm: SPRINGS OF CAMBRIDGE - RECONSTRUCTION - LOTS 152, 153, 154
Operator: JDA **Date:** 7-1-04
Drain Classification: Urban/Rural **Year Installed:** 2001

GIS Drain Input Checklist

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

Gasb 34 Footages for Historical Cost Drain Length Log

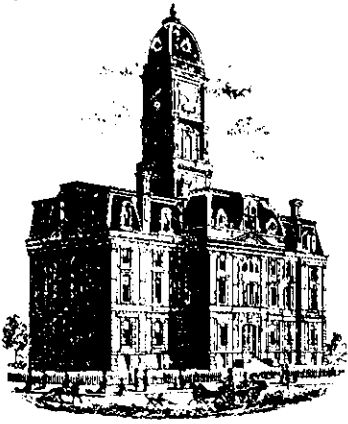
Drain-Improvement: Springs of Cambridge Reconstruction of lots 152-153 in Sec. 4

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
SSD	6"	126'	126'		\$2.00/lf	\$252.00
RCP	12"	6'	6'		\$7.25/lf	\$43.50
* Swale	-	172'	172'		\$19.55/lf	\$3,362.40

Sum: 304' 304' \$3,658.10

Final Report: 304'

Comments:
* priced swale as open ditch



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

September 19, 2001

TO: Hamilton County Drainage Board

RE: Springs of Cambridge Drain Reconstruction
Between lots 152, 153 & 154

Attached is the plan for the proposed reconstruction of the Springs of Cambridge Drain between Lots 152, 153 and 154 in Springs of Cambridge Sec. 4. The reconstruction is being proposed by The Pinery, the Builder on Lots 152-153. The proposal is to re-create the swale between lots 152 and 153 with 6" underdrain per the proposed plan and add storm pipe with an additional structure.

The proposed work will consist of the following.

12" RCP – 13 feet

Swale – 172 feet

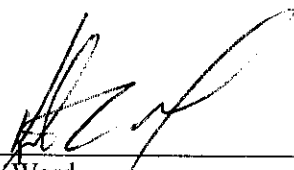
6" HDPE SSD – 126 feet

The total length of new drain shall be 311 feet. The proposal will add 311 feet to the length of the Springs of Cambridge Sec. 4 drain.

The portion of swale to be regulated is between the proposed structure, south of existing structure 797, and existing structure 798 in Sec. 4. The purpose in regulating the swale is to ensure the integrity of the flood routing remains intact and to prevent any encroachments or filling within the swale.

The cost of the work is to be paid by The Pinery and Marina Limited.

I recommend the Board set a Hearing for November 26, 2001.



Kenton C. Ward
Hamilton County Surveyor

KCW/jll

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Springs of Cambridge Lots 152-154

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: Alvin E. Skoog Jr. Date: 12/31/02

Type or Print Name: Alvin E. Skoog Jr.

Business Address: 13110 Promise Road

Noblesville, IN 46060

Telephone Number: 317-841-3141

SEAL

INDIANA REGISTRATION NUMBER

20100037

FILED
JAN 08 2003



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

April 6, 2004

Re: Springs of Cambridge Reconstruction
Sec. 4: lots 152,153, 154

Attached are as-builts, certificate of completion & compliance, and other information for the Springs of Cambridge 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 September 19, 2001. The report was approved by the Board at the hearing held November 26, 2001. (See Drainage Board Minutes Book 6, Pages 206-208)

The changes are as follows:

12" RCP was shortened from 13 feet to 6 feet.

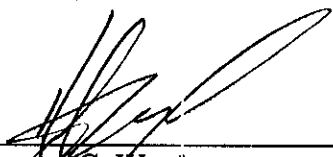
The length of the drain due to the changes described above is now **304 feet**.

The work was performed within existing easements for Springs of Cambridge Section 4. Therefore a non-enforcement was not necessary.

The work was paid for by The Pinery and Marina Limited. Therefore, this project was not bonded.

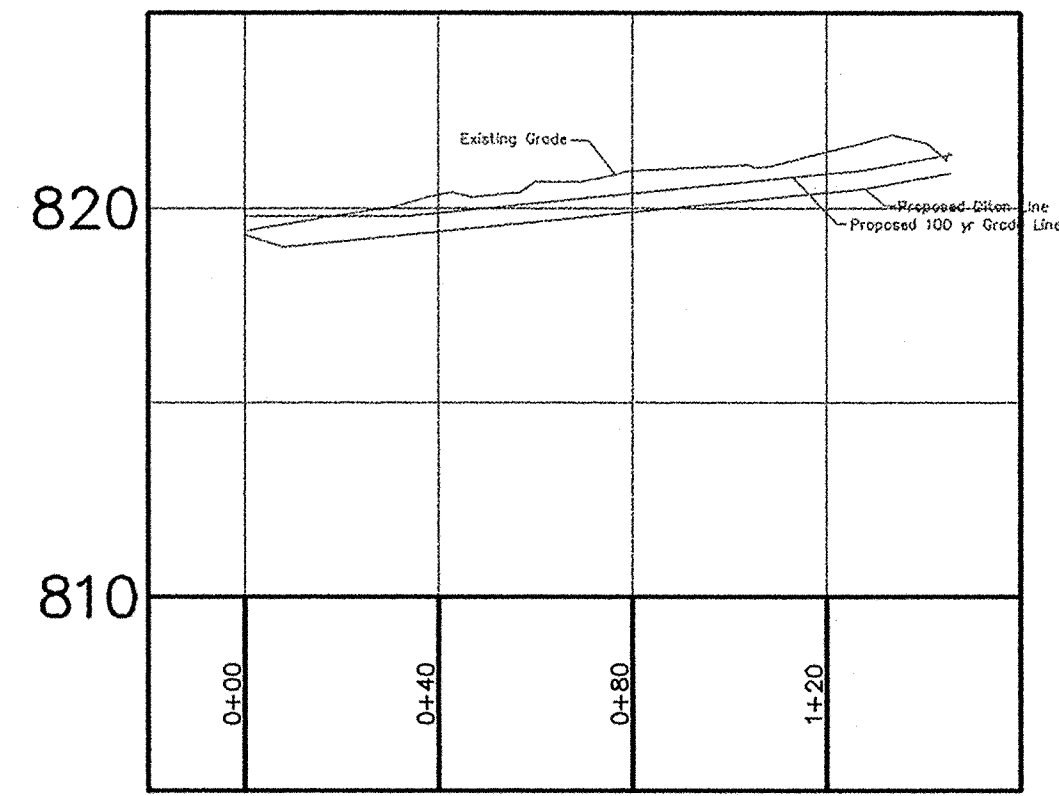
I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,



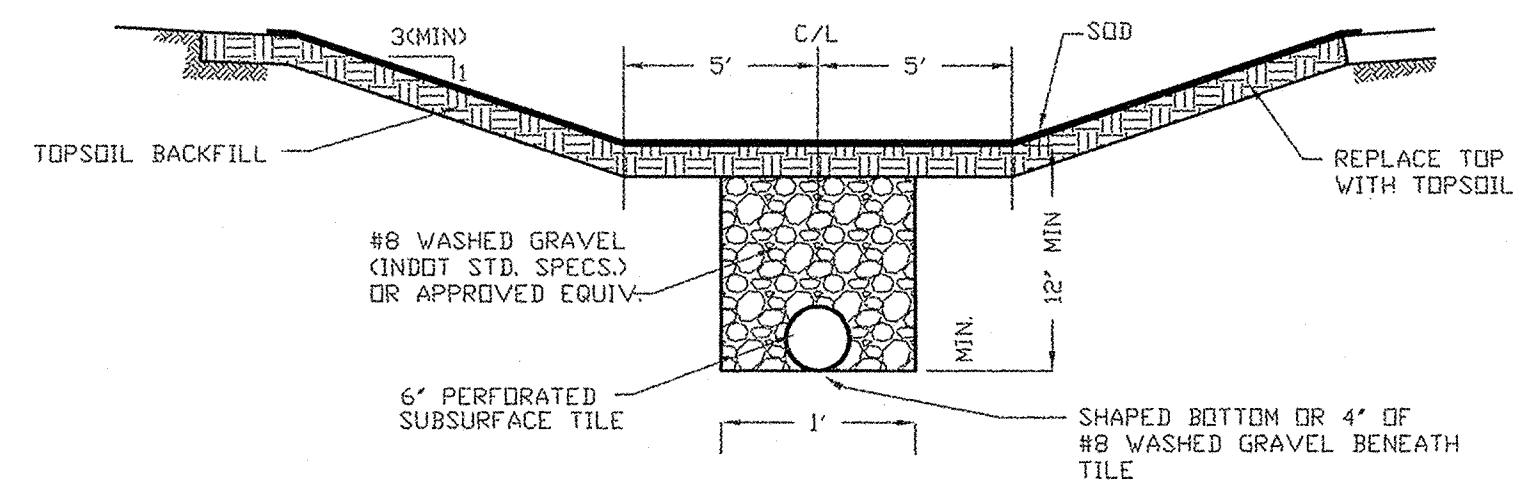
Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

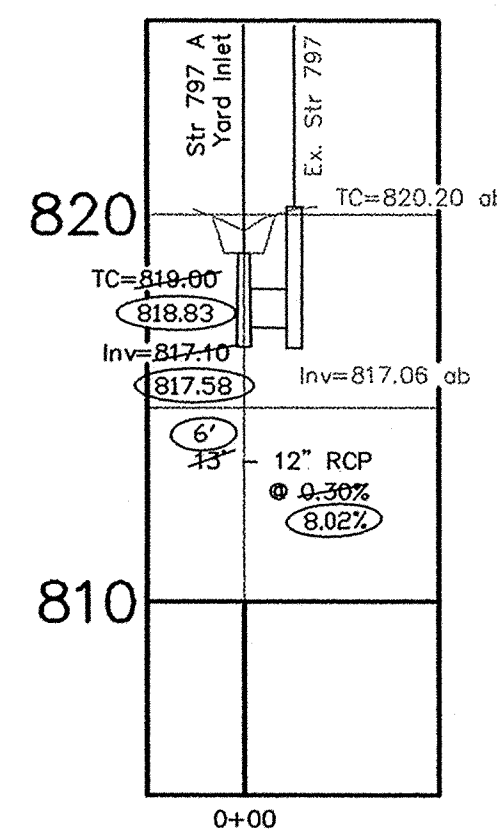


Ditch Profile

1" = 40' Horz
1" = 5' Vert.

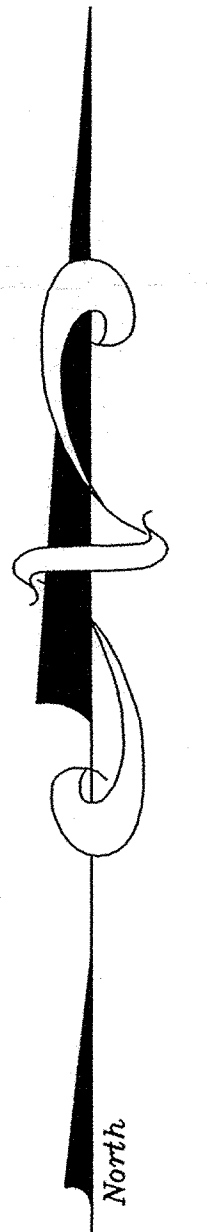
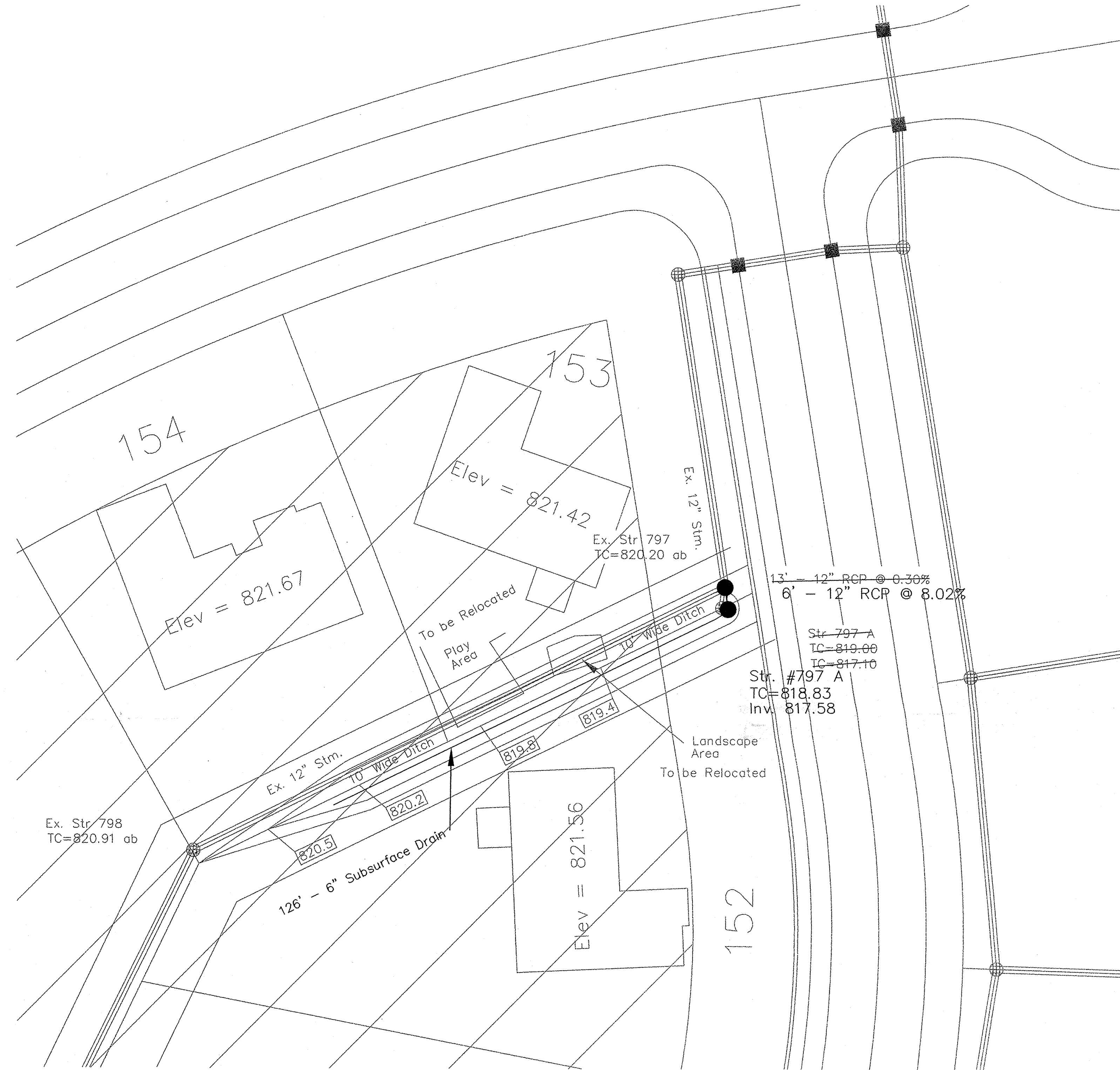



TYP. SWALE SECTION
WITH PERFORATED SUBSURFACE TILE
NO SCALE

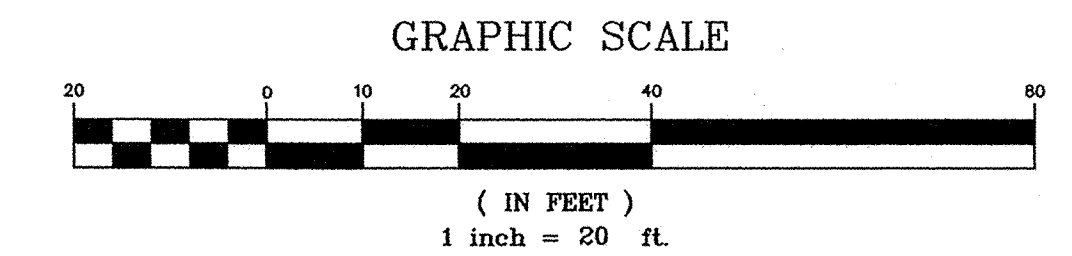


Proposed Storm Profile

1" = 20' Horz
1" = 5' Vert.




 This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
 Entry Date: 7-1-04
 Entered by: JDH



RECORD DRAWING CERTIFICATION


Certified By: AES 01/02/03

Representing Falcon Engineering
 I, the above signed, certify that to the best of my professional knowledge and belief the locations and elevations concerning storm and sanitary sewers was performed under my direct supervision.
 NOTE: Slope percentage shown represents a calculated figure.
 Water locations shown are as-built locations based on information supplied by the contractor. Wye stations and lateral lengths were also provided by the contractor and along with the water locations excluded from this certification.



No.	Date	Revision

AS-BUILT DRAINAGE IMPROVEMENTS			
Cambridge - Lots 152 - 154			
Town of Fishers	Fall Creek Township	Hamilton County	Indiana
Design By AES	Drawn By AES/BJR	Checked By	Approved By

 falcon ENGINEERING, INC. 8906 E. 96th Street, Suite 281, Fishers, IN 46038 Phone: (317) 841-3141 Fax: (317) 841-9951	Date	December, 2002
	Job No.	01-022
	Scale	1" = 20'
	Sheet No.	1 of 1