

**Drain:** HAWTHORNE HILLS DRAIN      **Drain #:** 156  
**Improvement/Arm:** HAWTHORNE HILLS -SECTION 2  
**Operator:** JDH      **Date:** 4-13-04  
**Drain Classification:** Urban/Rural      **Year Installed:** 1985

### GIS Drain Input Checklist

- Pull Source Documents for Scanning JJA 4-13
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JJA 4-13
- Digitize & Attribute SSD JJA 4-13
- Digitize & Attribute Open Ditch JJA 4-13
- Stamp Plans JJA 4-13
- Sum drain lengths & Validate JJA 4-13
- Enter Improvements into Posse JJA 4-13
- Enter Drain Age into Posse July 4-23
- Sum drain length for Watershed in Posse July 4-23
- Check Database entries for errors JJA 4-13

Gasb 34 Footages for Historical Cost  
Drain Length Log

Drain-Improvement: HAWTHORNE HILLS DRAIN - HAWTHORNE HILLS - SECTION 2

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	UNIT PRICE	
					Price:	Cost:
SSD	6"	1800'	1800'	Ø	2.00	3,600.00
CMP	15"	220'	220'	Ø	18.00	3,960.00
SWALE		550'	550'	Ø	19.55	10,752.50 *

Sum:            2570    2570    Ø            18,312.50

Final Report: \_\_\_\_\_

Comments:

\* FIGURED AS OPEN DITCH PRICE, NOT SWALE  
PER SUZIE



SURVEYOR'S OFFICE  
**Hamilton County**

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 December 17, 1984

TO: Hamilton County Drainage Board

RE: Hawthorne Hills Drain Section 2

Attached is a petition, plans, assessment roll, calculations, cost estimate and non-enforcement for Hawthorne Hills Drain, Section 2.

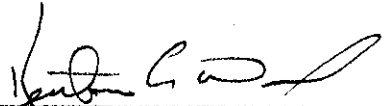
I have examined the petition and submittals and found all to be in proper form. Upon a personal inspection of the site and review of the plan, I believe that the proposed drain will be practicable, will improve public health, benefit a public highway and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited.

The drain will consist of 180 feet of 15" CMP, 1800 feet of 6" subsurface drain and 550 feet of swales. The swales which will be part of the drain are located on Lots 127, 128 and 131. The drain is shown in red on the attached plan. The total length of the drain will be 2530 feet.

With 19 lots and pt lots at \$15.00 per lot and six (6) acres of Right of Way at \$2.00 per acre the total annual assessment increase will be \$297.00.

I recommend a hearing be set for February 14, 1985 to establish the proposed drain as a regulated drain and place it on a maintenance program.

KCW/no

  
Kenton C. Ward-Surveyor

*Filed January 14, 1985*

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office, One Hamilton Co. Square, Ste. 188, Noblesville, In 46060

*Hamilton County Drainage Board  
James Allen Adams - Secretary*

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: COUNTY SURVEYOR'S OFFICE, HAMILTON COUNTY  
ATTN: Mr. Kenton Ward  
FROM: Paul I. Cripe, Inc., Engineers  
SUBJECT: Hawthorne Hills Subdivision - Section Two

I hereby certify that

- 1) I am familiar with the plans and specifications for the above referenced project,
- 2) I have personally observed the completion of the above referenced project, and
- 3) To the best of my knowledge, information and belief, the above referenced project has been performed and completed in conformity with all plans and specifications, except for the addition of storm sewer pipe between Lots 130 and 132.

Signature Joseph A. Sharp Date 8/23/85  
Type or Printed Name Joseph A. Sharp  
Business Address 7172 Graham Road  
Indianapolis, IN 46250  
Telephone 842-6777

Seal

Indiana Registration Number

15179



The Surveyor presented his final report on the Thomas Hussey Drain-Queens Manor, Section 2.  
(H.I.)

Thomas Hussey  
Queen Manor-  
report

"TO: Hamilton County Drainage Board

December 30, 1985

RE: Thomas Hussey Drain

Attached is certification from the developer's engineer that Queens Manor, Section Two, has been constructed as per plan. This section was modified with the Board's approval in July 1982. Upon inspection of the drain and file, I find that all requirements are now complete and acceptable.

Two changes should be noted by the Board, that I approved as a construction change. First, the developer mistakenly placed a 21" CMP on Lot 18, instead of the 18" specified for the detention area. To compensate for this a reducer plate was installed to retain the required flow capacity.

The second is the location of the SSD for Lots 17 and 18. Instead of placing this line under Royal Drive, it was outletted into the detention area.

The length of the Queens Manor Arm is now 13,070 feet. The total length for the Thomas Hussey Drain is now 16,600 feet.

KCW/no

Kenton C. Ward  
Hamilton County Surveyor

"

Mr. Jere D. Roudebush made the motion to approve the Surveyor's on the Thomas Hussey Drain, seconded by Mr. Phil Henderson and passed.

The Surveyor presented his final report on Hawthorne Hills Drain to the Board. (H.I.)

Hawthorne Hi  
final report

"TO: Hamilton County Drainage Board

December 31, 1985

RE: Hawthorne Hills Drain, Section 2

Attached is an engineers Certificate of Completion and Compliance and an as built development plan for the drainage facilities for Hawthorne Hills, Section 2. A final inspection was made in October 1985. At that time the drainage facilities were found to be complete and acceptable.

One modification to the drain was needed during construction. The road side ditch could not be constructed as per plan and a forty (40') foot length of 15" CMP was installed between Lots 130 and 132. The total length for the drain in Section 2 is now 2,570 feet.

Also, attached is an non-enforcement request for Section 2, which the Board should approve.

KCW/no

Kenton C. Ward  
Hamilton County Surveyor

"

The Surveyor also presented an non-enforcement request to the Board on Hawthorne Hills, Section 2 Drain for approval.

Mr. Jere D. Roudebush made the motion to approve the final report of the Surveyor on Hawthorne Hills, Section 2 Drain and approve the non-enforcement request, seconded by Mr. Phil Henderson and passed.

The Surveyor presented his final report on Springmill Streams, Section 4 Drain and an non-enforcement request to the Board Board. (H.I.)

Springmill Streams,  
Section 4 Drain  
final report

"TO: Hamilton County Drainage Board

December 31, 1985

RE: Springmill Streams, Section 4 Drain

Attached is an engineers Certificate of Completion along with an as built drawing of the system. On August 2, 1985, I made a final inspection of the system and found it to be complete and acceptable.

No changes were made during the construction of the system in this section. The total length for this section is 5,987 feet.

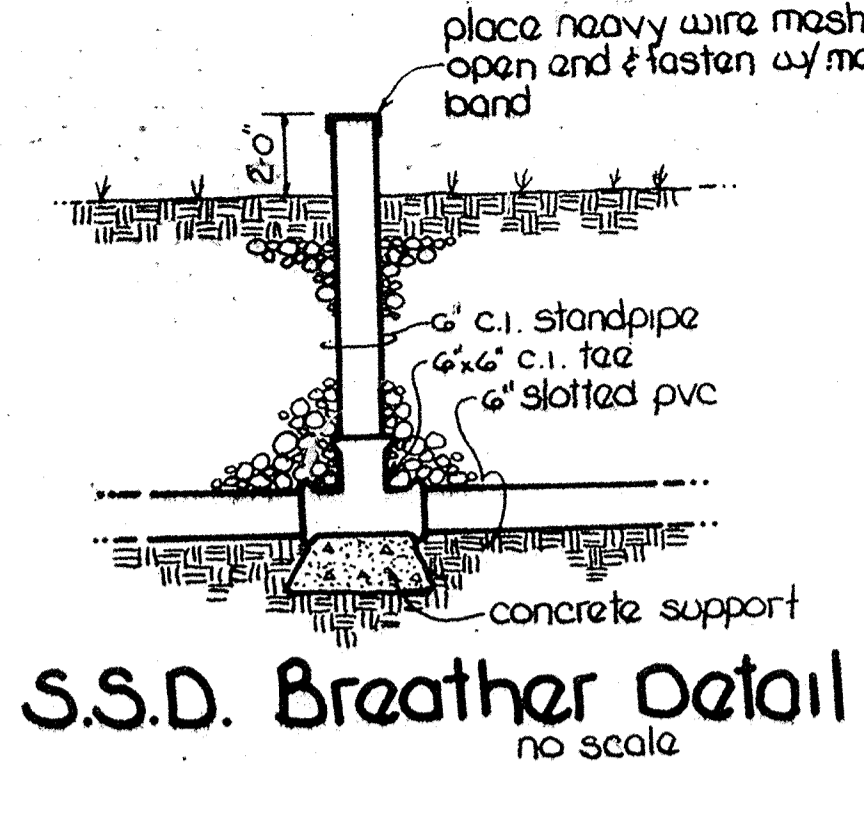
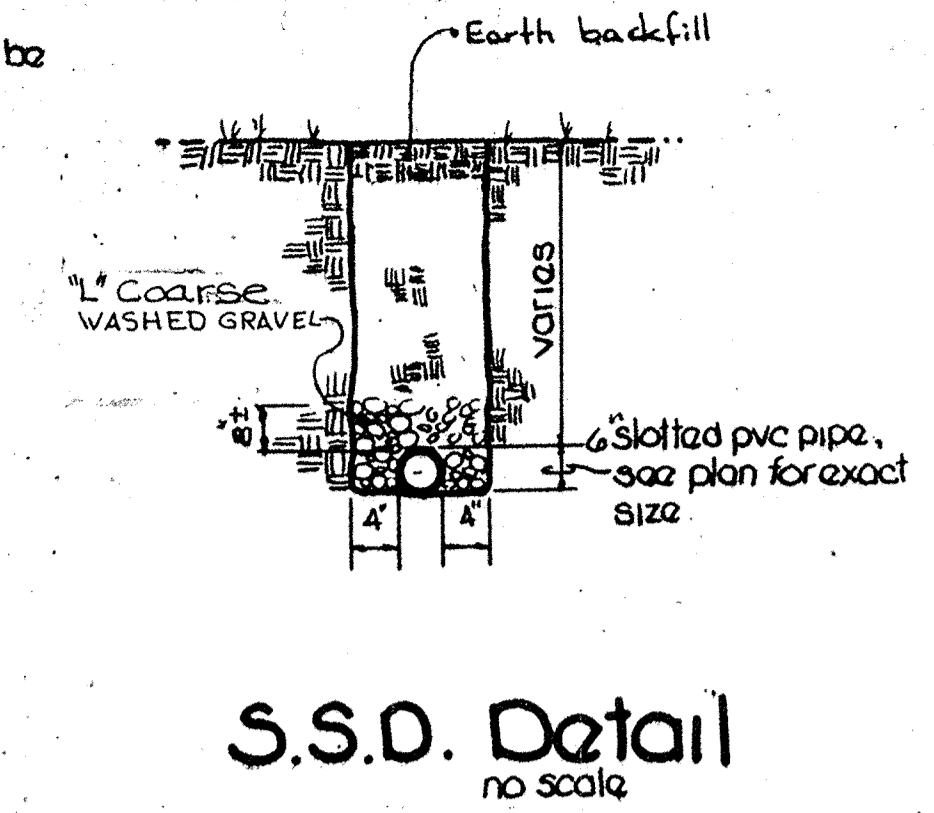
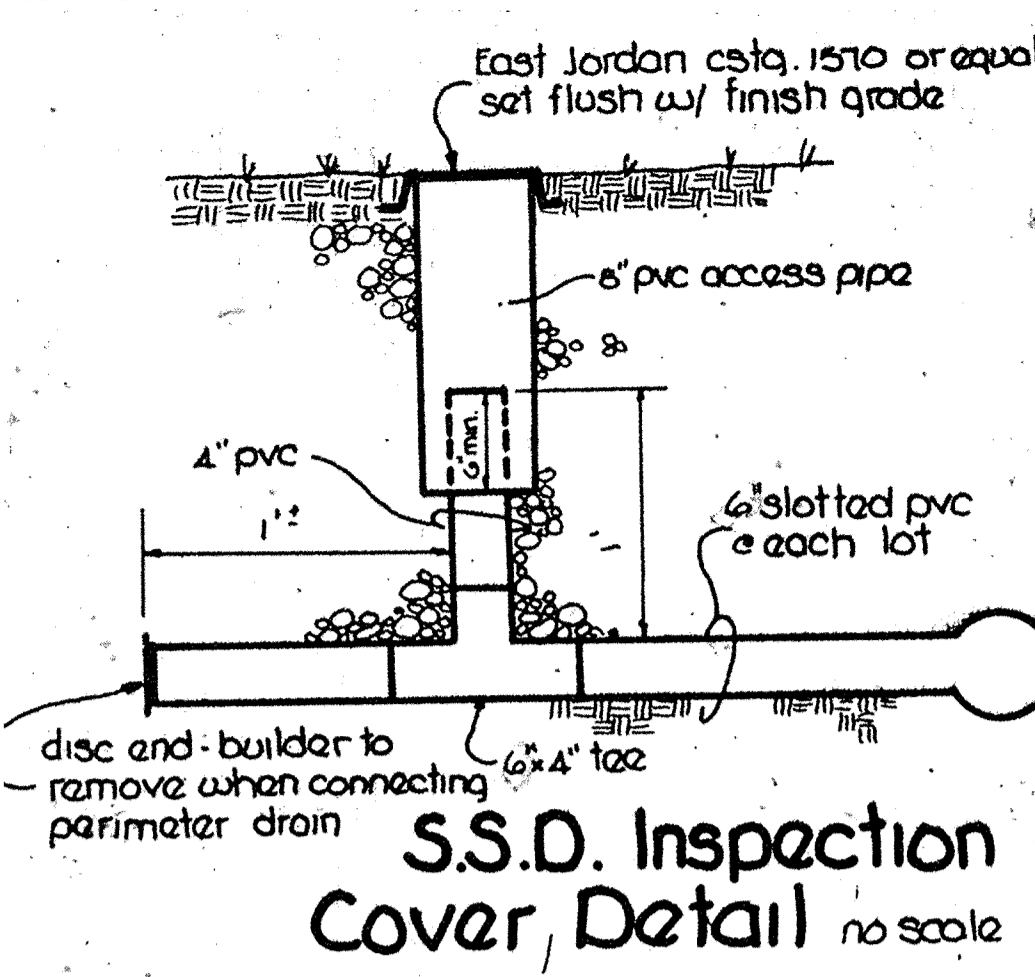
I recommend the Board accept the drain as complete and approve the non-enforcement of easement.

KCW/no

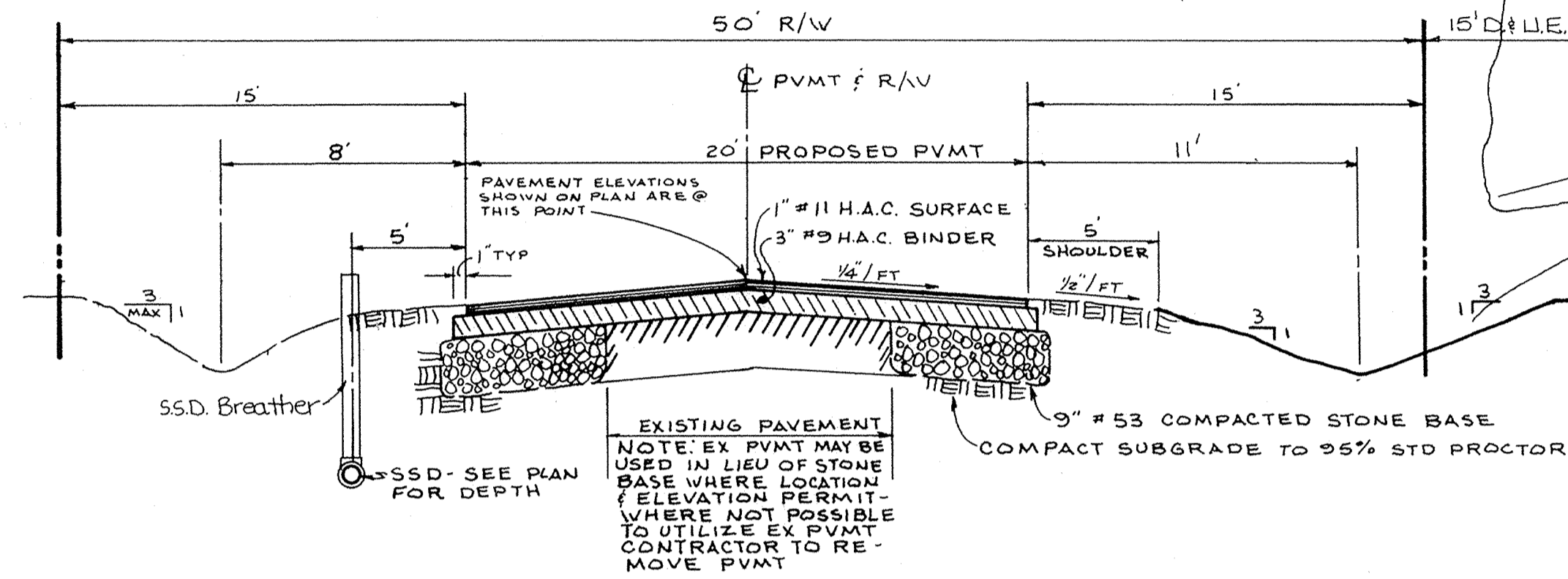
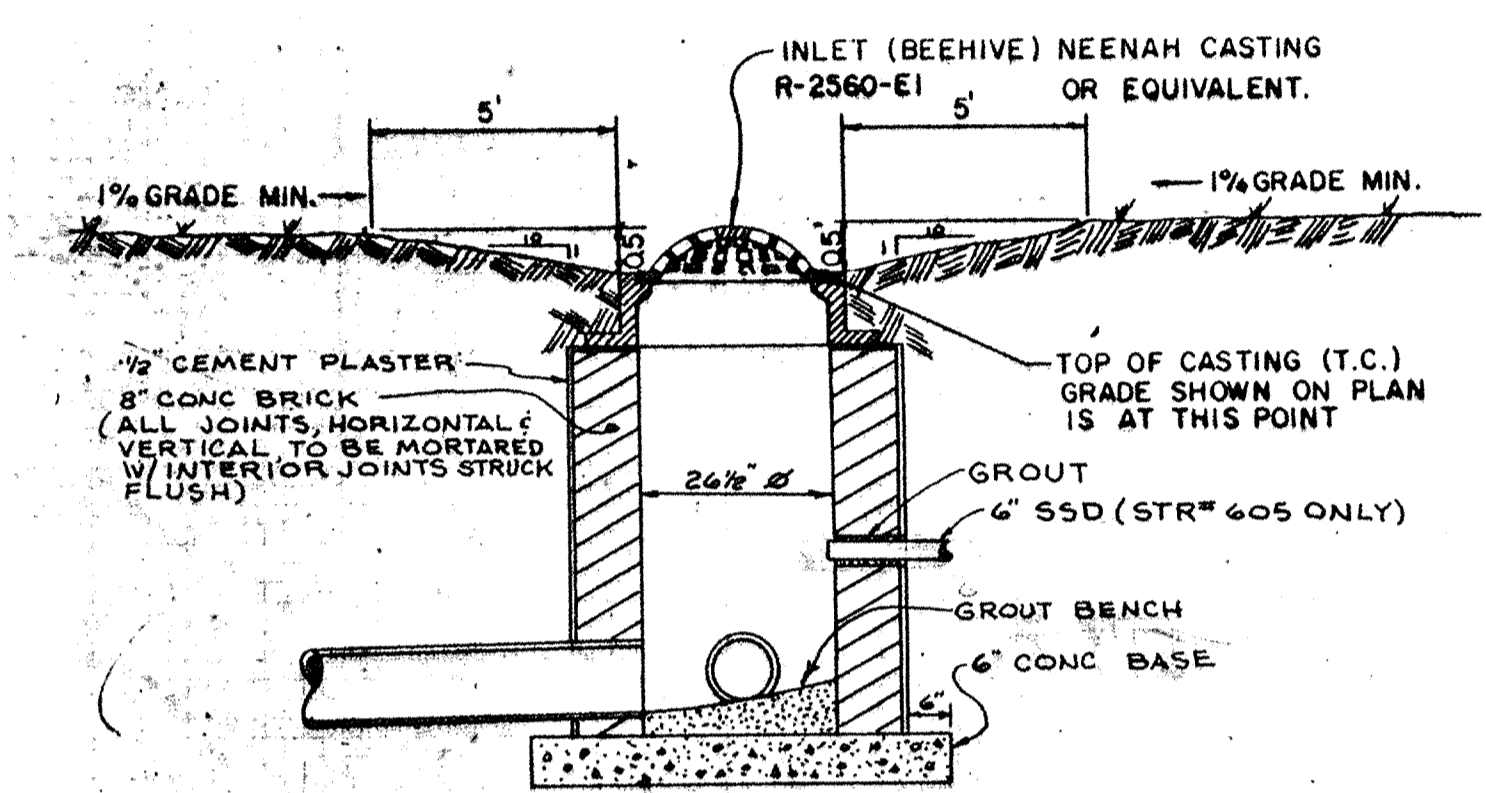
Kenton C. Ward  
Hamilton County Surveyor

"

Mr. Jere D. Roudebush made the motion to approve the non-enforcement request for Springmill

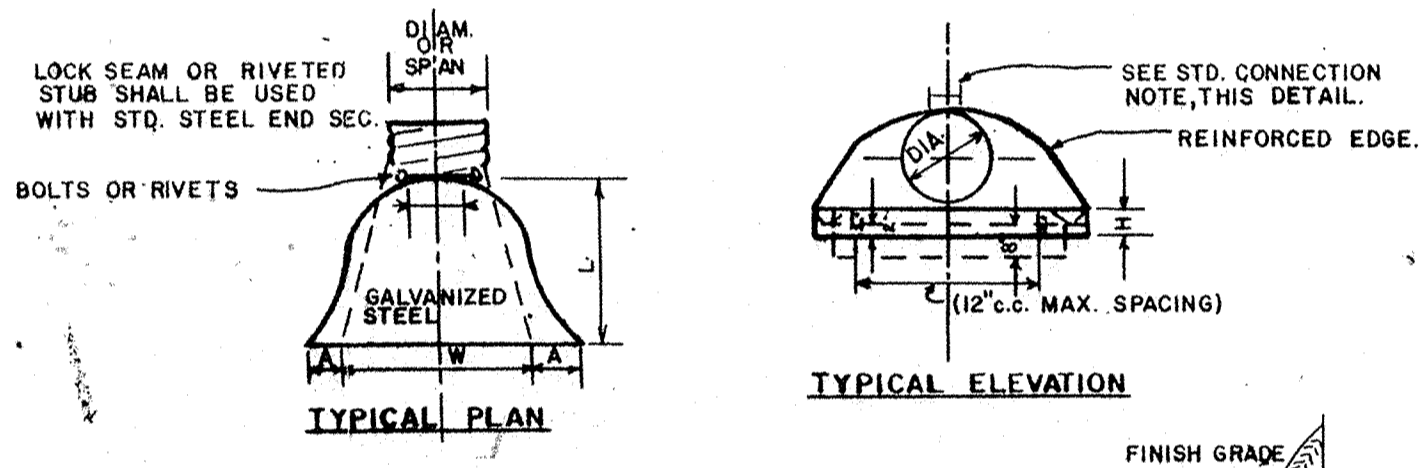


**Seeding Specifications**  
 Swale Seeding: Seed and fertilize within construction limits immediately after construction with 5#/acre "Red Top" Grass, 20#/acre Rye Grass, 20#/acre Blue Grass, 25#/acre "Tall Fescue" Grass and 600#/acre 12/12/12 fertilizer.  
 Cut and Fill Seeding Along Streets: 25#/acre "Tall Fescue" Grass, 20#/acre "Rye Grass", 15#/acre "Blue Grass" and 600#/acre 12/12/12 fertilizer.

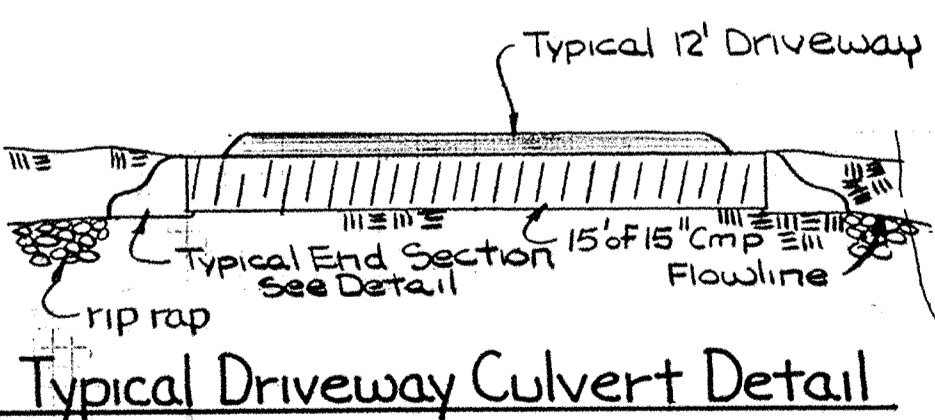
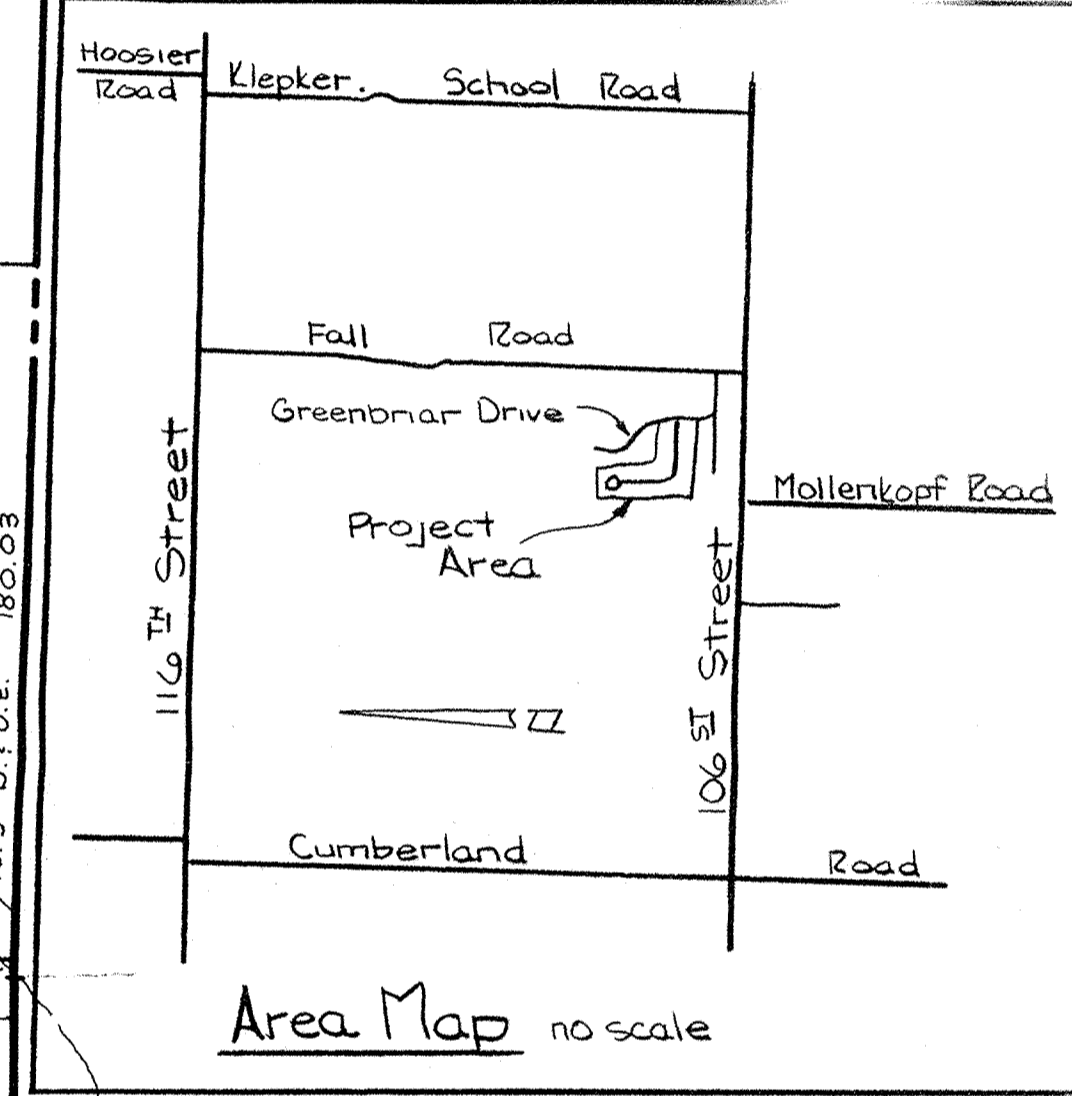
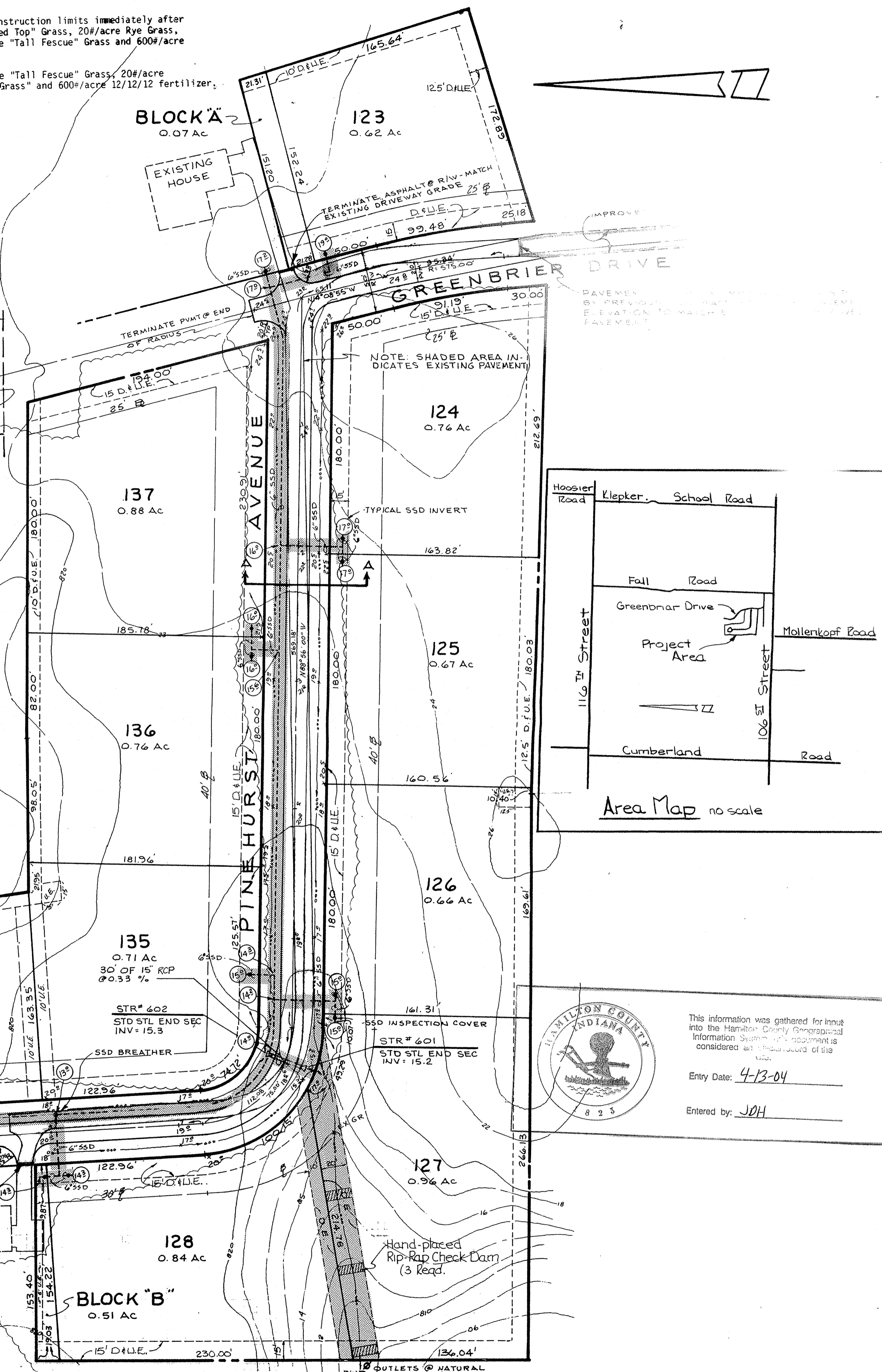
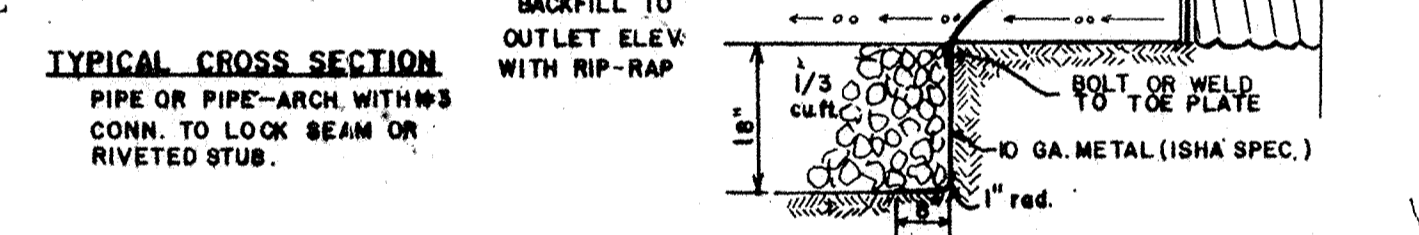


**DIMENSIONS OF GALVANIZED STEEL END SECTIONS FOR ROUND PIPE**

PIPE DIA. IN INCHES	DIMENSIONS IN INCHES			APPROX SLOPE	BODY
	GAGE	A ± 1	B ± 1		
12	16	8	6	2 1/2	1 pc.
16	16	7	8	2 1/2	1 pc.



**STANDARD STEEL END SECTION DETAIL**  
SCALE: NONE



Hamilton County Indiana  
 This information was gathered for input into the Hamilton County Geographical Information System. Its accuracy is considered an approximation of the data.  
 Entry Date: 4-13-04  
 Entered by: JDH