

Drain: SCARBOROUGH FARMS DRAIN **Drain #:** 205
Improvement/Arm: SCARBOROUGH FARMS - SECTION 1
Operator: JDH **Date:** 4-28-04
Drain Classification: Urban/Rural **Year Installed:** 1985

GIS Drain Input Checklist

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

Gasb 34 Footages for Historical Cost Drain Length Log

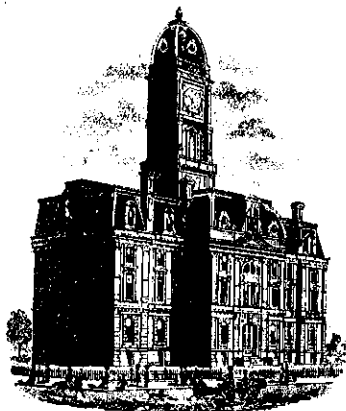
Drain-Improvement: SCARBOROUGH FARMS DRAIN - SCARBOROUGH FARMS - SECTION 1

Drain Type:	Size:	Length SURVEYORS RECORD	Length (DB Query)	Length Reconcile	Price:	Cost:
SSD	6"	800'	700'	-100'	\$2.00	\$1,400.00
	10"	270'	270'	Ø	4.25	1,147.50
	12"	380'	380'	Ø	6.75	2,565.00 *
PVC	10"	76'	76'	Ø	4.25	323.00
CMP	15"	20'	20'	Ø	18.00	360.00

Sum: 1,546' 1,446' -100' \$5,795.50

Final Report: _____

Comments:
 SR AND AD DISAGREE ON 6" SSD LENGTHS *USED 12" PVC TO PRICE PIPE.
 PVC SAME COST PER FT AS SSD.
 12" SSD SIZE NOT IN LIST.



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 January 14, 1985

TO: Hamilton County Drainage Board

RE: Scarborough Farms Drain

Attached is a petition, assessment roll and plans for the Scarborough Farms Drain. I have reviewed the petition and have found it to be in proper form.

Upon inspection of the site I believe the proposed drain to be practicable, be of public utility, and the costs, damages and expenses of the drain will probably be less than the benefits accruing to the owners of land likely to be benefited.

The drain will consists of the following lengths:

6"	SSD	100'
8"	SSD	725'
10"	SSF	420'
12"	SSD	380'
15"	CMP	20'

The total length of the drain will be 1645 feet.

I recommend the assessment be set at \$25.00 per lot and \$6.00 per acre. This will generate a total assessment of \$329.70 per year. I want to also point out that this area will be assessed on the Emily Vestal Drain, therefore these lots may be doubled assessed in the future.

I recommend a hearing be set for March 11, 1985.

KCW/no

Filed 1/14/85

Kenton C. Ward
Kenton C. Ward—County Surveyor

Hamilton County Drainage Board

Manifeller-Alabama



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

775-6110 Ext. 19

Noblesville, Ind. 46060 November 25 1987

To: W. Rick Sailor
526 Scarborough Lane
Noblesville, IN 46060

Re: Scarborough Farms Drain

This letter is to confirm our conversation last Friday in regard to the Scarborough Farms Drain. Upon discussion of the plan, several changes were agreed to which will not change the drainage concept and not be a detriment to drainage. These changes are as follows:

1. Thirty-six linear feet of 12" class "D" pipe with metal end sections to be eliminated between lot 7 and north-east corner of lot 10.
2. Thirty-six linear feet of 12" class "D" pipe with metal end sections to be eliminated between lot 1 and north-west corner of lot 10.
3. Sub-surface drain (SSD) in front of lots 1 to 4 changed to 6" instead of 8".
4. Crushed aggregate around SSD eliminated.

Also discussed was the procedure for finishing the drain so that vacation of the plat can be avoided. The following needs to be done.

1. Get estimates for the remainder of road and drainage work.
2. Present bonds or letters of credit for 100% of the total to the Commissioners. Estimates or contract must accompany the Surety. Separate bonds needed for drainage work and road.
3. I will support a 6 month extension for the finish of drainage work.
4. All items must be in to my office on or before December 3rd.

If you have any questions please contact me.

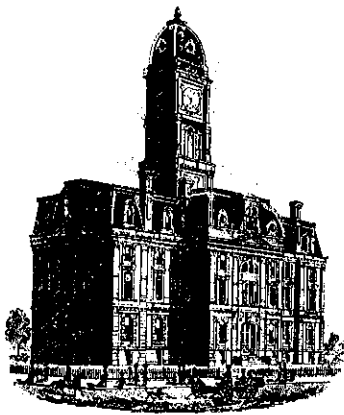
KCW/jh

cc: Jim Hufford

Tim Stevens

Sincerely


Kenton C. Ward
Hamilton County Surveyor



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

773-6112 Ext. 19

Noblesville, Ind. 46060 July 27, 1988

To: Hamilton County Drainage Board

Re: Scarborough Farms

I have inspected the drainage facilities for the Scarborough Farms Drain and have found them to be complete and acceptable. The project engineer has submitted the "As-built" Drawings on reproducible mylar of the drainage system.

Changes were made in the system which will change the lengths outlined in my report of January 14, 1985. The changes were authorized as construction changes in a letter dated November 25, 1987 to W. Rick Sailor. The drain consists of the following lengths:

- 6" SSD - 800 ft
- ✓10" PVC - 76 ft
- ✓10" SSD - 270 ft
- ✓12" SSD - 380 ft
- ✓15" CMP - 20 ft

The total length of the drain as constructed is 1546 feet.

At this time I recommend the Board approve the drainage facilities as constructed. I further recommend that the non-enforcement request for this plat be approved by the Board.

FILED

AUG 8 1988

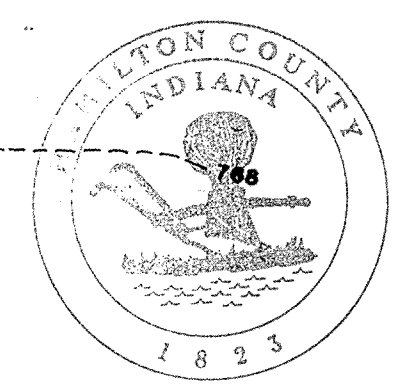
HAMILTON COUNTY DRAINAGE BOARD

Nancy Ellen Oldham
SECRETARY

KCW/jh

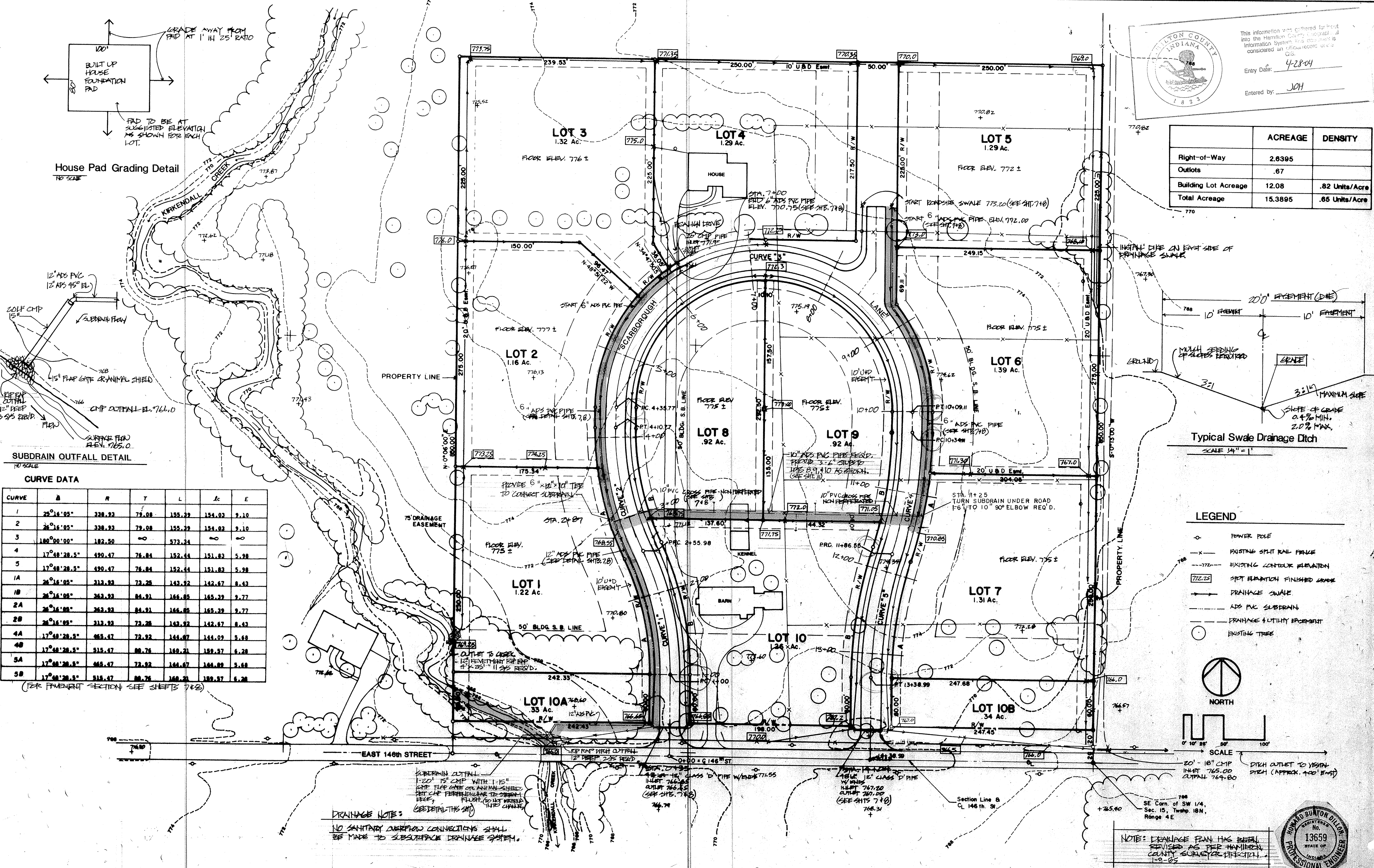
Kenton C. Ward

Kenton C. Ward,
Hamilton County Surveyor

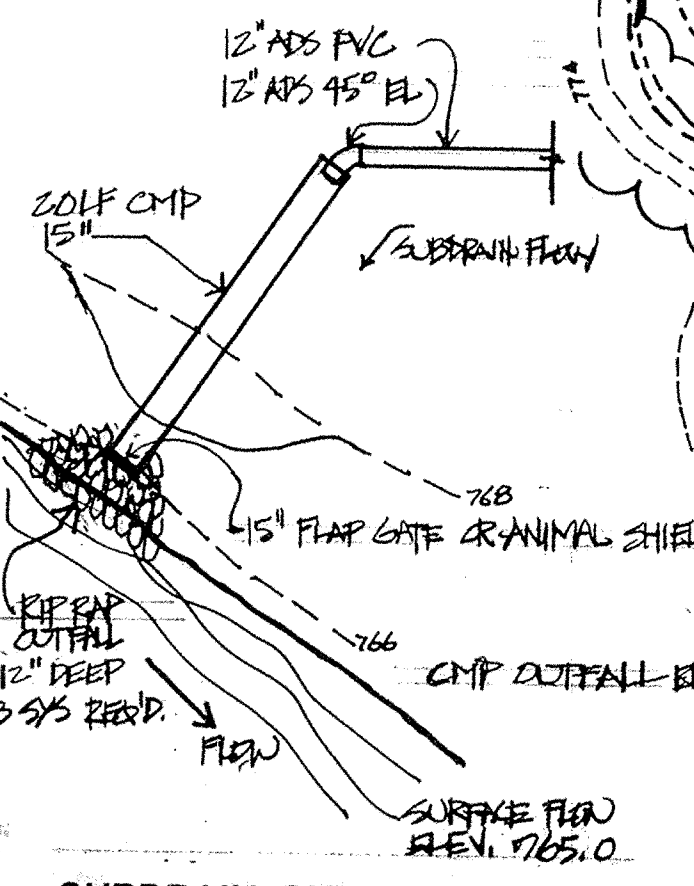


This information was gathered for input into the Hamilton County Geographic Information System. This document is considered an official record of the GIS.
 Entry Date: 4-28-04
 Entered by: JOH

	ACREAGE	DENSITY
Right-of-Way	2.6395	
Outlots	.67	
Building Lot Acreage	12.08	.82 Units/Acre
Total Acreage	15.3895	.65 Units/Acre



House Pad Grading Detail
NO SCALE

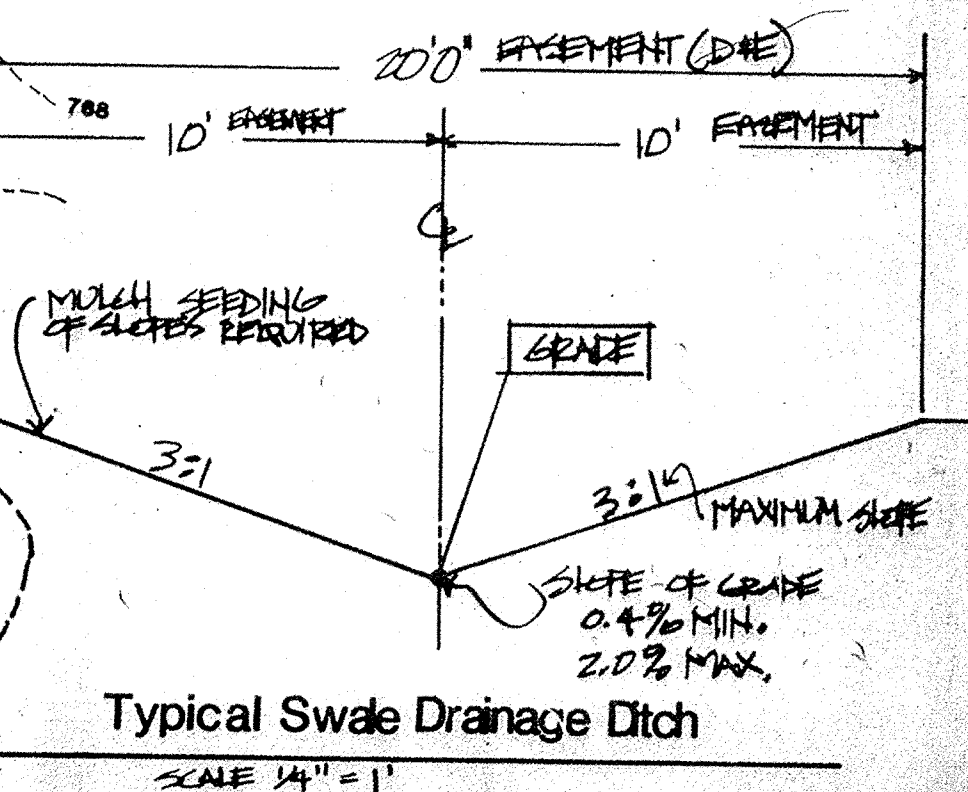


SUBDRAIN OUTFALL DETAIL
NO SCALE

CURVE DATA

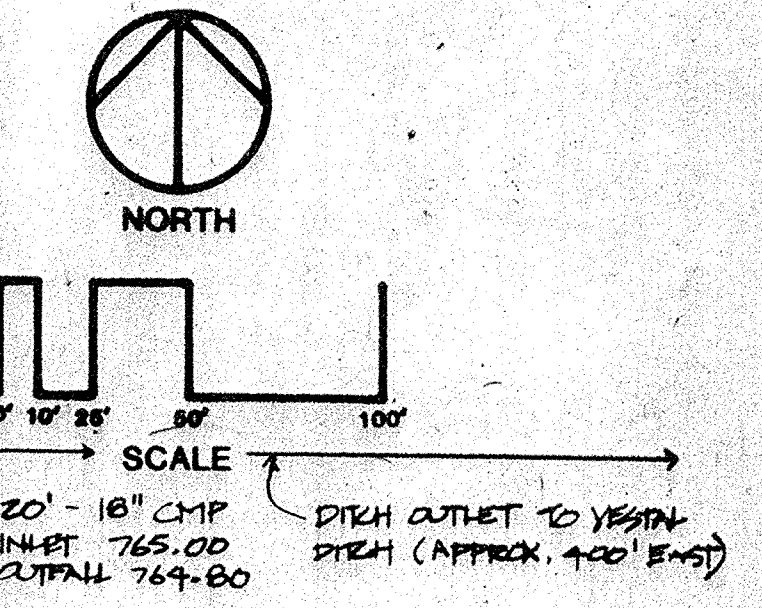
CURVE	Δ	R	T	L	Δc	E
1	25°16'05"	338.93	75.08	155.39	154.02	9.10
2	26°16'05"	338.93	79.08	155.39	154.02	9.10
3	180°00'00"	182.50	0	573.34	0	0
4	17°48'28.5"	490.47	76.84	152.44	151.83	5.38
5	17°48'28.5"	490.47	76.84	152.44	151.83	5.38
1A	26°16'05"	313.93	73.28	143.92	142.47	8.43
1B	26°16'05"	362.93	84.91	166.85	165.39	9.77
2A	26°16'05"	362.93	84.91	166.85	165.39	9.77
2B	26°16'05"	313.93	73.28	143.92	142.47	8.43
4A	17°48'28.5"	465.47	72.92	144.67	144.09	5.68
4B	17°48'28.5"	515.47	80.76	160.21	159.37	6.28
5A	17°48'28.5"	465.47	72.92	144.67	144.09	5.68
5B	17°48'28.5"	515.47	80.76	160.21	159.37	6.28

(FOR FURNISHMENT SECTION SEE SHEETS 742-2)



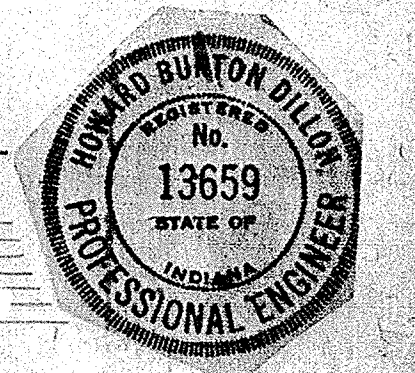
Typical Swale Drainage Ditch
SCALE 1/4" = 1'

- LEGEND**
- o- POWER POLE
 - x- EXISTING SPLIT RAIL FENCE
 - - - - - EXISTING CONTOUR ELEVATION
 - 772.25 SPOT ELEVATION FINISHED GRADE
 - - - - - DRAINAGE SWALE
 - - - - - ADS PVC SUBDRAIN
 - - - - - DRAINAGE & UTILITY EMBANKMENT
 - o EXISTING TREE



DRAINAGE NOTES:
 NO SANITARY OVERFLOW CONNECTIONS SHALL BE MADE TO SUBSURFACE DRAINAGE SYSTEM.

NOTE: DRAINAGE PLAN HAS BEEN REVISED AS PER HAMILTON COUNTY SURVEYOR DIRECTION 1-9-05



REVISIONS

1-10-05	SUBDRAIN, EASEMENT, OUTFALLS KP AS DIRECTED BY HAN. CO. SURVEYOR 1-9-05	DEGN BY HED	12-10-04
		DR H BY KP	12-13-04
		TRCD BY	
		CK D BY	
		APP D BY KP	1-7-05

SSIG
 4930 N. Pennsylvania, Indianapolis, Indiana 46205
 Telephone (317) 257-7431
 Snell Environmental Group, Inc.
 Engineers & Planners & Consultants

D C EXCHANGE LIMITED
 1181 South Merchants Plaza
 115 West Washington Street
 Indianapolis, Indiana 46204

Scarborough Farms
 PHASE 1
 RESIDENTIAL DEVELOPMENT

ROAD & DRAINAGE PLAN

SCALE: 1" = 50'
 PROJECT NO: 22059A
 SHEET NO: 6 OF 10