

Drain: VILLAGE PARK ESTATES DRAIN **Drain #:** 91
Improvement/Arm: SPRING MEADOWS SECTION 2
Operator: JPH **Date:** 6-8-04
Drain Classification: Urban/Rural **Year Installed:** 1992

GIS Drain Input Checklist

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

Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: VILLAGE PARK ESTIMES DRAIN - SPRINGMEADOWS - SECTION 2

Drain Type:	Size:	Length <small>Surveyor's Report</small>	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSD	6"	150'	150'	Ø		
RCP	12"	464'	464'	Ø		
	15"	167'	167'	Ø		
	18"	235'	235'	Ø		
	30"	285'	282'	-3		
CMP	30"	50'	50'	Ø		
OPEN DITCH		185'	185'	Ø		

Sum: 1536 1533' -3

Final Report: _____

Comments:

SR AND AD DISAGREE ON 30" RCP LENGTHS

Nov. 16, 1992

TO: Hamilton County Drainage Board

RE: Village Park Estates Drain-Spring Meadows Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Village Park Estates Drain-Spring Meadows Arm. 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	150 ft	18" RCP	235 ft
12" RCP	464 ft	30" CMP	50 ft
15" RCP	167 ft	30" RCP	20 ft

The total length of the drain will be 1086 feet.

The retention area located in the rear of Lots 7 & 8 is to be considered part of the regulated drain. The Board will therefore ensure the storage volume for which the lake was designed will be retained by allowing no fill or easement encroachments.

The subsurface drains (SSD) located under the curbs are not regulated drain. Only the main SSD lines which are to be maintained as regulated drain. The portion of the SSD which will be regulated is that which is located in the retention area.

The open ditch listed above is that surface water swale located in the rear of Lots 1 to 6 between STR 62 and the drainage structure located between Lots 22 and 23 in Village Park Estates, Section 2. This has been left as an open swale at this time due to the time of concentration lengthening for this structure. At such time the tract East of Grassy Branch Road is developed its retention should be the size so as to reduce the cfs. At that time the open ditch should then be piped.

The 30" CMP located under Grassy Branch Road is to be considered part of the regulated drain. However, the 15" CMP also located under Grassy Branch is not to be considered as part of this drain.

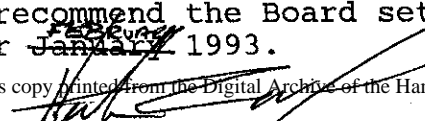
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$50.00 per lot, \$5.00 per acre for roadways, with a \$50.00 minimum. With this assessment the total annual assessment for the drain/this section will be \$ 1550.00.

Parcels assessed for this drain may be assessed for the Cool Creek or Wheeler & Beals Ditch at sometime in the future.

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. The request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Spring Meadows as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for ~~January~~ ^{February} 1993.


Kenton C. Ward
Hamilton County Surveyor

XXXXXX
XXXXXX

UNION STATE BANK

21 Jefferson Square • P. O. Box ~~398~~ • Carmel, Indiana 46032
1710

TELEPHONE
AREA CODE 317
846-7381

IRREVOCABLE
LETTER OF CREDIT NO. 2308

DATE June 12, 1992

BENEFICIARY

FOR ACCOUNT OF

Hamilton County Drainage Board
Hamilton County Government &
Judicial Center, Suite 146
One Hamilton County Square
Noblesville, Indiana 46060-2230
Spring Meadows - Storm Drainage

Wilfong Farms, Inc.
1350 Greyhound Court
Carmel, Indiana 46032

GENTLEMEN:

WE HEREBY ESTABLISH OUR CREDIT IN YOUR FAVOR, FOR THE ACCOUNT INDICATED ABOVE, FOR A SUM OR SUMS NOT EXCEEDING AN AGGREGATE AMOUNT OF Thirty-Six Thousand, Five Hundred Sixty-Eight and no/100 Dollars (\$36,568.00) FUNDS ARE AVAILABLE BY YOUR DRAFT(S) AT Carmel, Indiana DRAWN ON UNION STATE BANK UNION STATE BANK P. O. Box 1710, Carmel, Indiana 46032

Drafts are to be accompanied by:

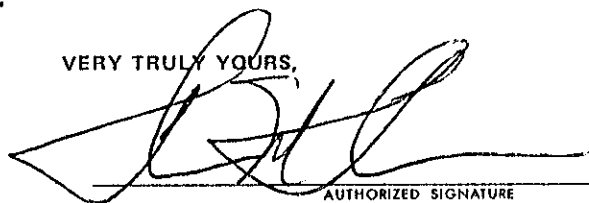
Original Letter of Credit

ALL DRAFTS DRAWN UNDER THIS LETTER OF CREDIT ARE TO BE ENDORSED HEREON AND SHALL BEAR THE CLAUSE "DRAWN UNDER UNION STATE BANK LETTER OF CREDIT No. (AS INDICATED ABOVE)," and must be drawn and presented on or before June 15, 1993

WE HEREBY AGREE WITH YOU THAT ALL DRAFTS DRAWN UNDER AND IN COMPLIANCE WITH THE TERMS OF THIS LETTER OF CREDIT WILL BE DULY HONORED UPON PROPER PRESENTATION.

Except as otherwise expressly stated herein this Credit is subject to the Uniform Customs and Practice for Documentary Credits (1983 ~~1974~~ Revision), International Chamber of Commerce, Publication ~~290~~ 400.

VERY TRULY YOURS,



AUTHORIZED SIGNATURE

Thomas M. Fiedler, Chairman

TITLE

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

ORIGINAL

CERTIFICATE OF COMPLETION AND COMPLIANCE

Village Park East

TO: HAMILTON COUNTY SURVEYOR

RE: Spring Meadows

I hereby certify that:

- 1.) I am a Registered Land Surveyor 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, and
- 4.) To the best of my knowledge, information and belief, the Drainage Facilities within the subdivision has been installed and completed in conformity with all plans and specifications. (see exceptions)

Signature: *Stephen E. Bourquein* Date: October 1, 1992

Type or Printed Name: Stephen E. Bourquein

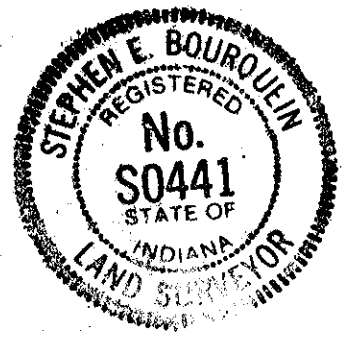
Business Address: MSE Corporation
501 Congressional Blvd., Suite 110, Carmel, Indiana 46032

Telephone: (317) 843-5080

INDIANA REGISTRATION NUMBER

S-0441

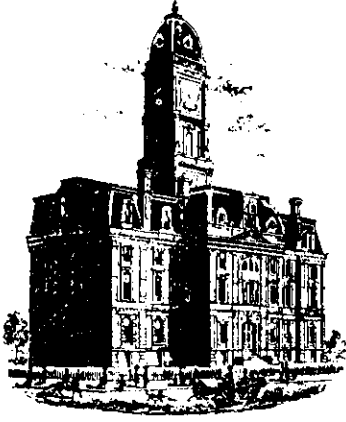
SEAL



Exceptions:

- 1) 4" underdrains installed in lieu of 6" underdrain shown on construction plans.

FILED
 OCT 2 1992
 OFFICE OF HAMILTON COUNTY SURVEYOR



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 146

One Hamilton County Square

Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

September 19, 1997

**Re: Village Park Estates Drain:
Spring Meadows Sec. 1 Arm**

Attached are as-builts, certificate of completion & compliance, and other information for Spring Meadows Sec. 1. 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 November 16, 1992. The changes are as follows:
12"RCP 464 feet 15"RCP 167 feet 18"RCP 235 feet 30"RCP 285 feet
6"SSD 150 feet Open Ditch 185 feet ✓ 30"CMP 50 feet ✓

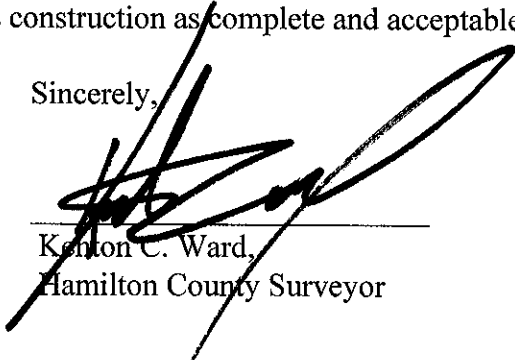
The length of the drain due to the changes described above is now **1,536 feet**.

The non-enforcement was approved by the Board at its meeting on February 17, 1993 and recorded under instrument #9307089.

The bond or letter of credit from Union State Bank, number 2308; dated June 12, 1992; in the amount of \$36,568.00; has been recommended for release in a letter to the Commissioners dated January 7, 1993.

I recommend the Board approve the drains construction as complete and acceptable.

Sincerely,


Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

Asbuilt Structures

Project: Village Park Est. Drain: Spring Meadows Sec. 1

Structure: T.C.: I.E.: Pipe: Length: Original Plans: Difference:

62	—	834.30				
63	838.89	834.54	30"	20'	lengthened to 100'	
63	838.89	836.07				
64	—	836.14	12"	70'		
55	833.59	829.93				
54	833.68	829.91	12"	32'		
56	833.75	830.29				
54	833.68	829.86	12"	38'		
54	833.68	829.75				
53	833.39	829.59	12"	104'		
59	833.97	830.43				
58	833.91	830.60	12"	26'		
58	833.91	830.57				
57	833.24	830.24	12"	27'		
57	833.24	830.24				
53	833.39	829.59	15"	167'		
53	833.39	824.49				
52	832.29	828.64	18"	155'		

6" SSD Streets:

Total: _____

RCP Pipe Totals:

6" SSD Lots:

Total: _____

Other Drain:

Total Length of Drain: _____

Asbuilt Structures

Project: Village Park Est. Drain: Spring Meadows Sec. 1

Structure: T.C.: I.E.: Pipe: Length: Original Plans: Difference:

61	829.95	826.74				
60	830.00	826.60	12"	26'		
60	830.00	826.55				
52	832.29	826.04	12"	106'		
52	832.29	825.79				
51	—	825.39	18"	50'		
50	—	821.39				
EX 2	823.99	821.00	12"	35'		
62						
62A			30"	185'		additional structure pipes added to rear of yards closing open ditch

6" SSD Streets:

Total: _____

6" SSD Lots:

Retention	150'

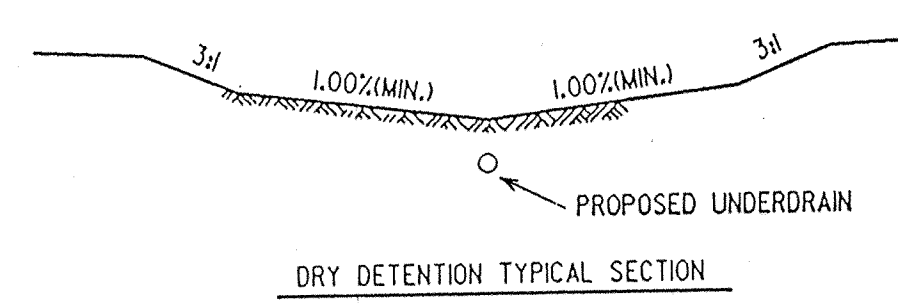
Total: 150'

RCP Pipe Totals:

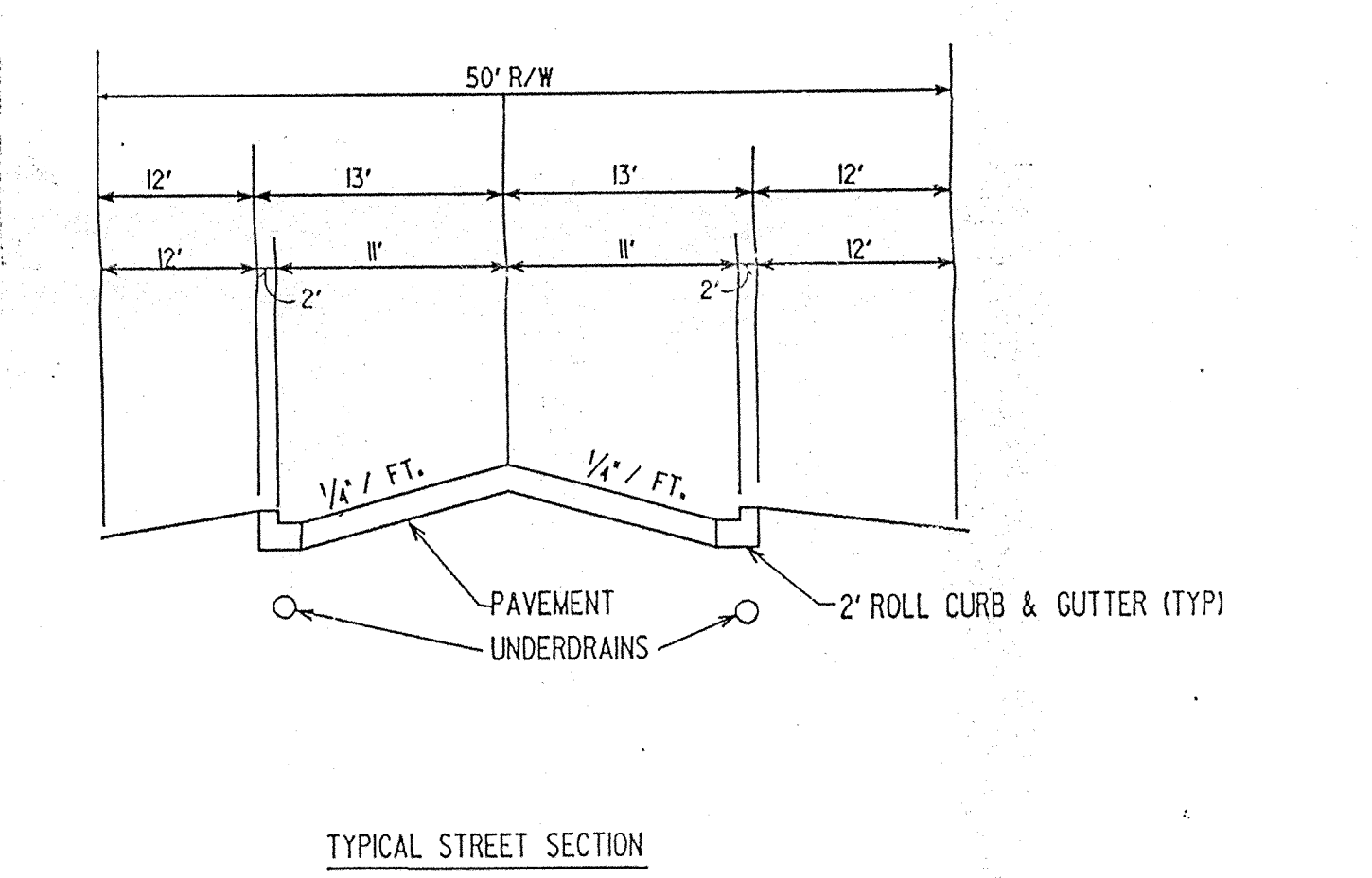
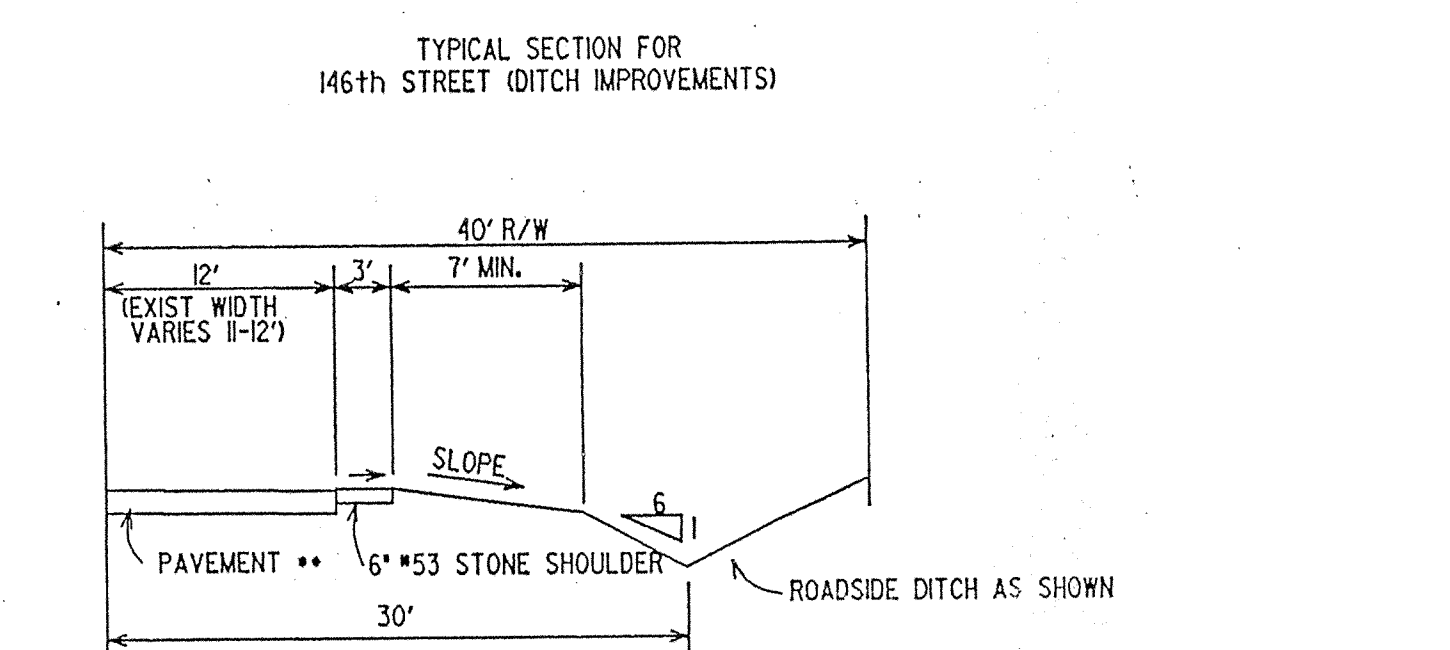
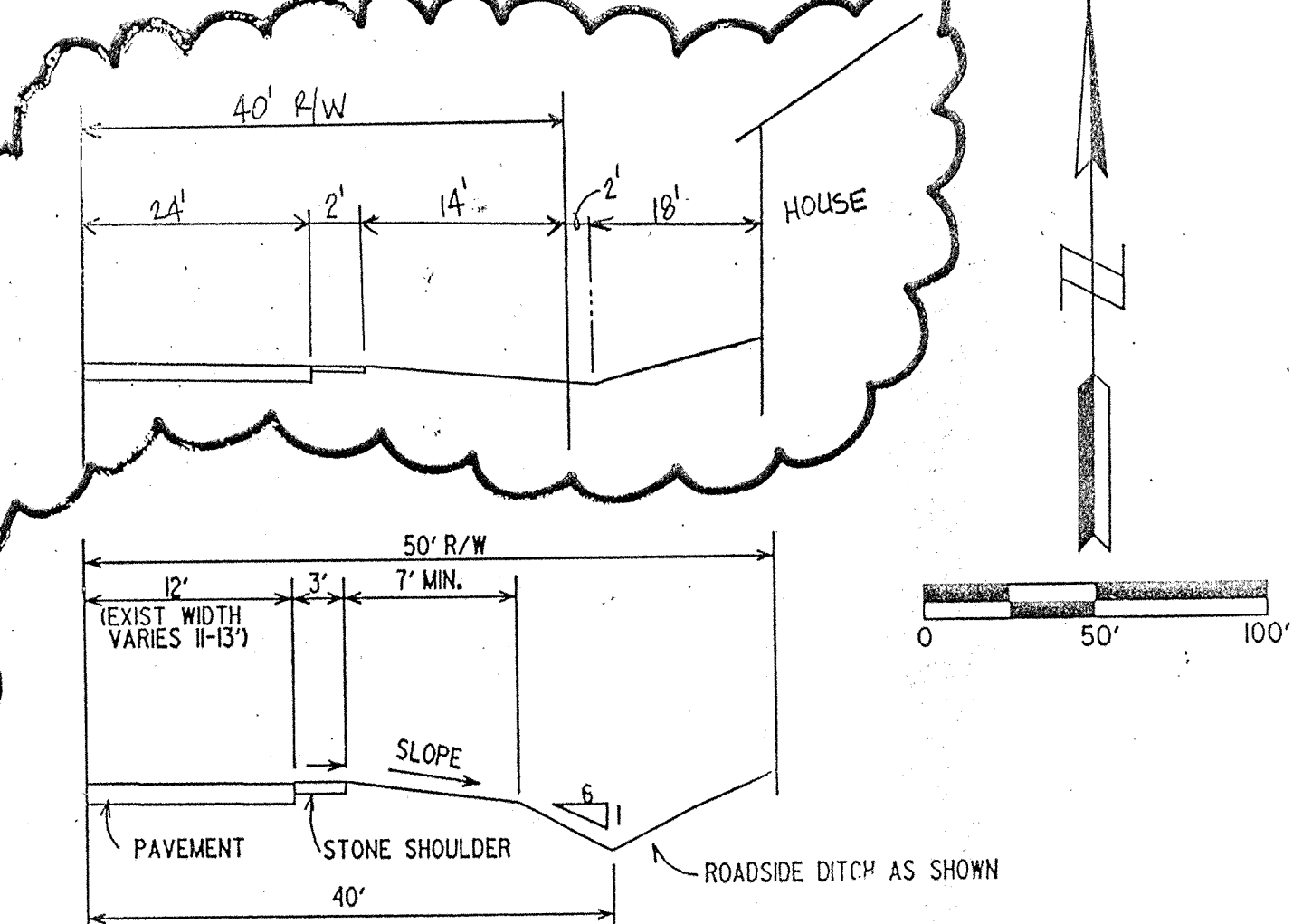
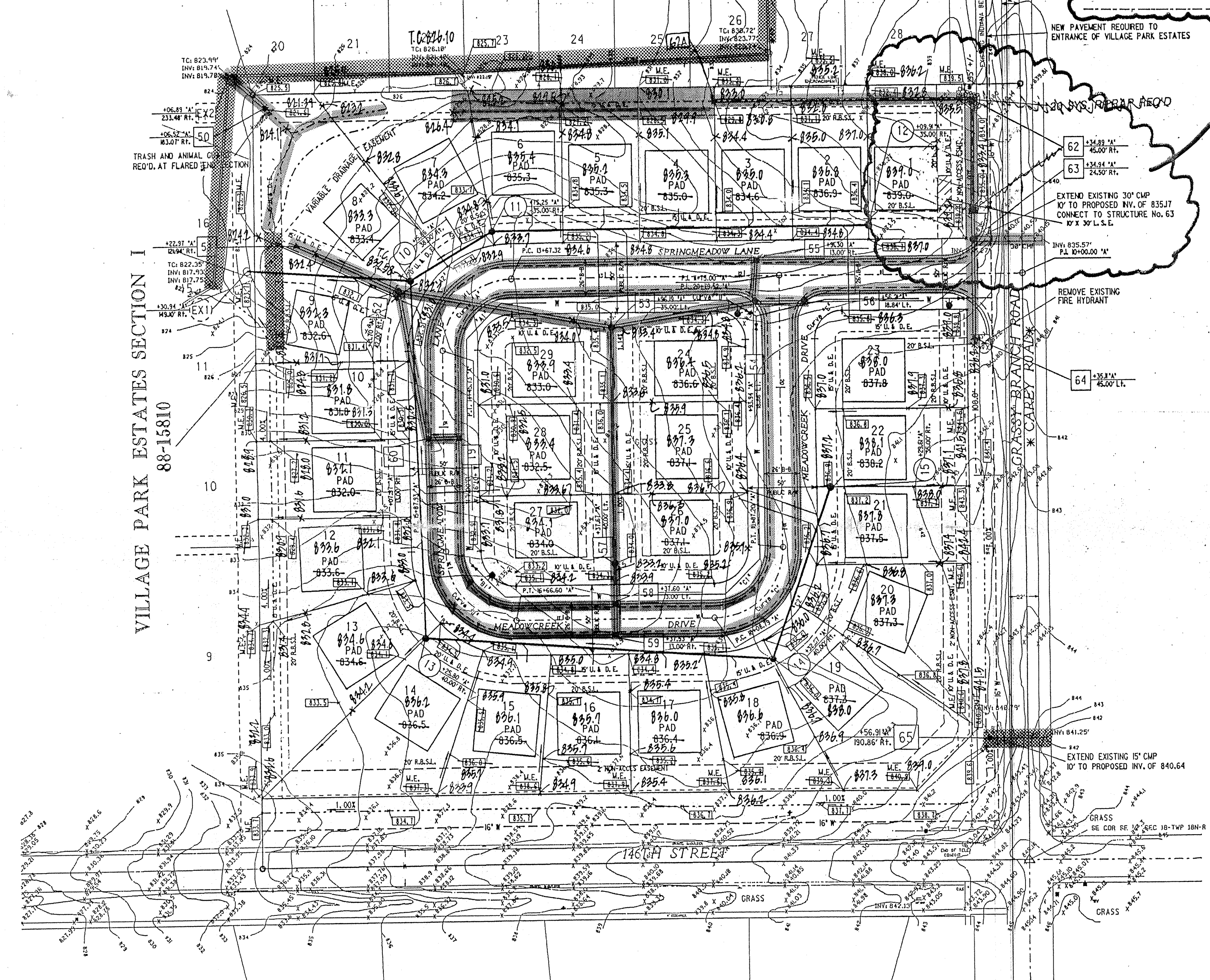
12"	464'
15"	167'
18"	235'
30"	285'

Other Drain:	
30" CMP	50'
Open Swale	185'

Total Length of Drain: 1536'



VILLAGE PARK ESTATES SECTION II 88-19732



LEGEND

EXISTING	PROPOSED
--- S ---	--- S ---
--- W ---	--- W ---
--- L ---	--- L ---
--- G ---	--- G ---
- - - T & E - - -	- - - T & E - - -

•	MANHOLE
○	INLET
⊙	END SECTION
○	WATER METER
⊕	WATER VALVE
⊕	FIRE HYDRANT
⊕	GAS METER
⊕	SPRINKLER
⊕	ELECT. BOX / TRANSFORMER
⊕	TELEPHONE PEDESTAL
⊕	POWER POLE
⊕	LIGHT POLE
⊕	CLEAN OUT
⊕	HOSE BIB
□	STORM STR. NO.
○	SANITARY STR. NO.

SPRING HEADOW CURVE DATA

CURVE	DELTA	RADIUS	TANGENT	LENGTH	CHORD	BEARING
A	89°51'04"	50.00	49.87	18.41	70.62	S 44°50'13" W
A2	89°51'04"	25.00	24.94	38.21	35.31	S 44°50'13" W
A2	89°51'04"	75.00	74.81	117.62	105.93	S 44°50'13" W
B	90°08'39"	50.00	50.13	18.67	70.80	S 45°09'55" E
B1	90°08'39"	25.00	25.06	39.33	35.40	S 45°09'55" E
B2	90°08'39"	75.00	75.19	118.00	106.20	S 45°09'55" E
C	89°51'21"	50.00	49.87	18.41	70.62	N 44°50'105" E
C1	89°51'21"	25.00	24.94	38.21	35.31	N 44°50'105" E
C2	89°51'21"	75.00	74.81	117.62	105.93	N 44°50'105" E
D	90°08'39"	20.00	20.05	31.47	28.32	S 45°09'55" E
E	89°51'21"	20.00	19.95	31.37	28.25	S 44°50'04" W

SPRING HEADOW STRUCTURE DATA TABLE

STR. NO.	DESCRIPTION	CASTING TYPE (SHEENAH OR EQUIVALENT)
SANITARY SEWER: 10 - 15	STANDARD MANHOLE TYPE "C"	R-1172-A
STORM SEWER: 50	END SECTION	
51	MANHOLE TYPE "B"	R-1172-A
52	MANHOLE TYPE "B"	R-1172-A
53	MANHOLE TYPE "B"	R-3501-TL
54	MANHOLE TYPE "B"	R-3501-TL
55	INLET TYPE "A"	R-3501-TR
56	INLET TYPE "A"	R-3501-TR
57	MANHOLE TYPE "B"	R-4342
58	INLET TYPE "A"	R-3501-TL
59	INLET TYPE "A"	R-3501-TR
60	MANHOLE TYPE "B"	R-3501-TR
61	INLET TYPE "A"	R-3501-TL
62	END SECTION	
63	MANHOLE TYPE "B"	R-1172-A
64	END SECTION	
65	END SECTION	

BENCHMARK:
 84-0592-01 PK in west side of PWP #56-527 on east side of Grassy Branch Road, 500 feet north of 146th Street, just south of Village Park north branch.
 84-0592-02 Top of iron pin in intersection of 146th Street and Grassy Branch Road, 0.1 feet below pavement.
 EL. 839.22
 EL. 844.78.



As-built information provided by MSE Corporation, certified this 1st day of June, 1999.

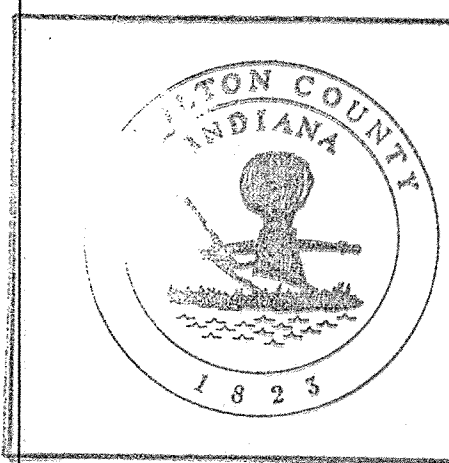
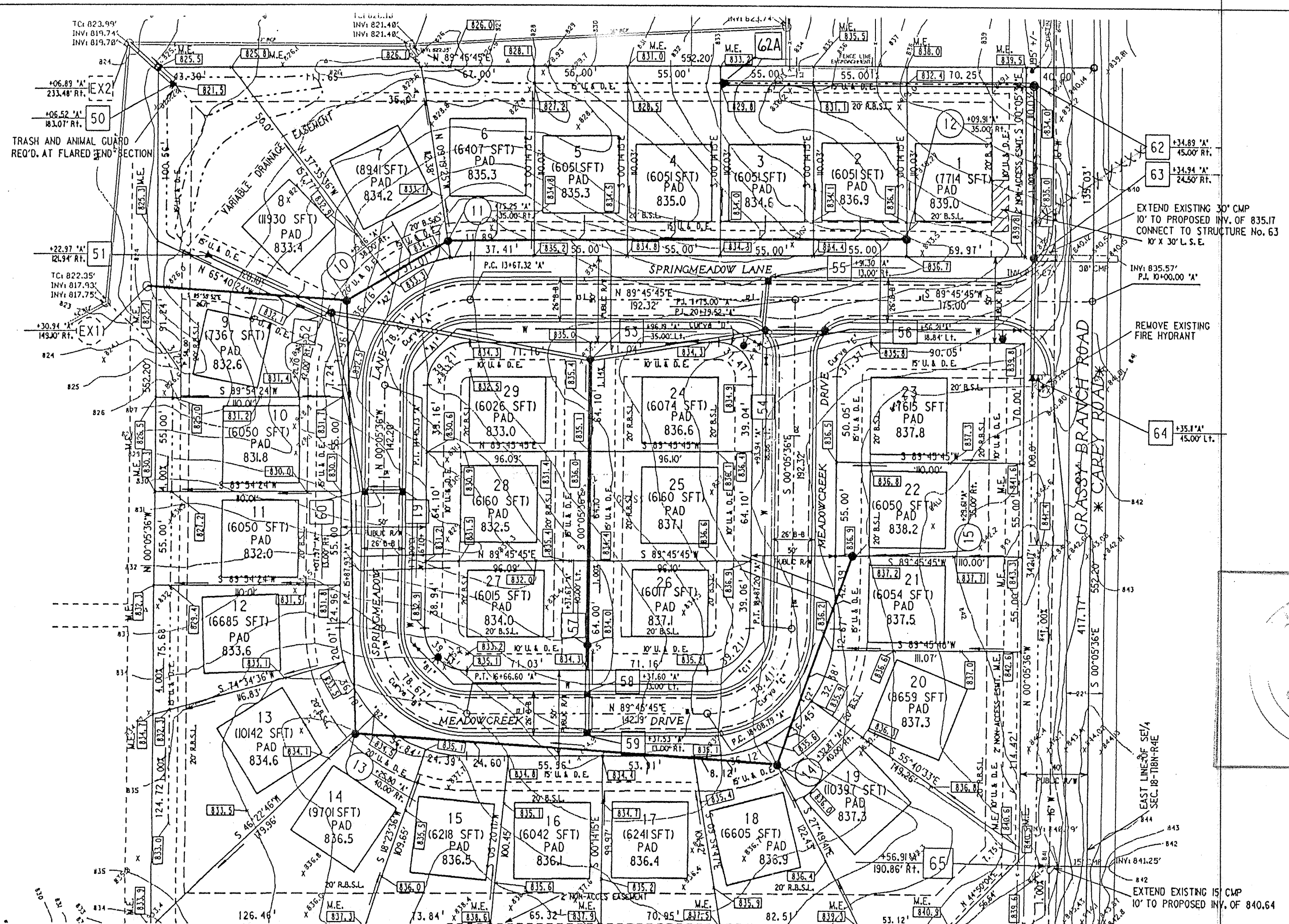
Jeffrey A. Meyerrose
 Registered Land Surveyor No. 890003-IN

Revisions and Dates		Designed by:	MSE Engineering
5-1-92	REVISED PER OWNER'S REQUEST	MBR	
5-21-92	REVISED PER COUNTY HIGHWAY DEPARTMENT	Drawn by:	MSE Corporation 501 Congressional Boulevard Suite 110 Carmel, IN 46032 317 843-5080 317 843-5089 FAX
5-28-92	REVISED PER COUNTY SURVEYOR	VRR	
6-10-92	ADDED RIPRAP PER DRAINAGE DEPT.	Checked by:	Title: GRADING AND UTILITY PLAN
		SEB	
		Approved by:	Scale: 1" = 50' Job: 14-0592 Sheet No. 4 of 10
		SEB	
		Date: MAY 1992	

FILED
 AUG 05 1994
 HAMILTON COUNTY DRAINAGE BOARD

DIRT "AS-BUILTS" SPRING MEADOWS

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO. OF WAY CHECKED	
NO.	



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: 6-9-04

Entered by: JOH

NOTES:

LENGTHS OF PIPES INDICATED ARE FROM CENTER TO CENTER OF STRUCTURES AND ARE NOT ACTUAL PIPE LENGTHS.

LOCATIONS OF GAS, ELECTRIC, AND TELEPHONE LINES ARE TO BE COORDINATED WITH RESPECTIVE UTILITY COMPANIES.

CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PERMIT ISSUING AGENCIES WITHIN THE TIME FRAME SPECIFIED BY THAT AGENCY PRIOR TO BEGINNING CONSTRUCTION.



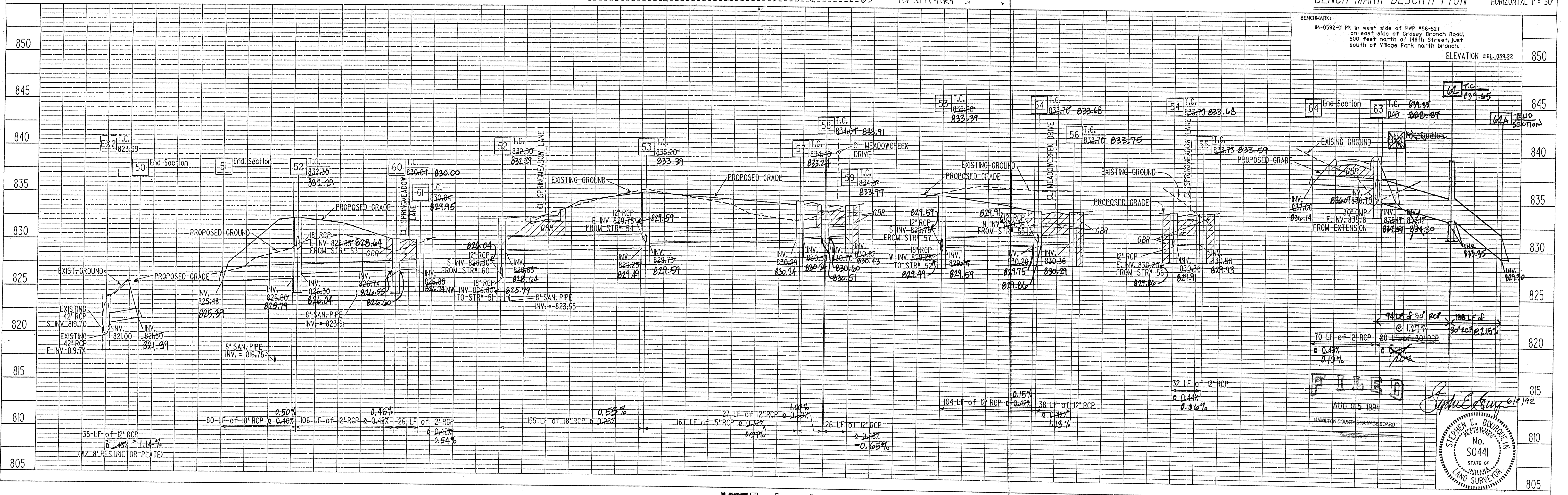
SCALE: PLAN: 1" = 50'
 PROFILE: VERTICAL 1" = 5', HORIZONTAL 1" = 50'

BENCHMARK DESCRIPTION

BENCHMARK: 14-0592-01 PK in west side of PWP #56-527 on east side of Grassy Branch Road, 500 feet north of 146th Street, just south of Village Park north branch.

ELEVATION = EL. 833.22

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO. OF WAY CHECKED	
NO.	



MSE Engineering

As-built information provided by MSE Corporation, certified this 1st day of June, 1993.

SPRING MEADOWS

Storm AS-BUILTS

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	DGN	PRF
14-0592		6	10	522PP2R	522PP2R

STORM SEWER PLAN & PROFILES