

Drain: SPRINGMILL POND DRAIN **Drain #:** 240
Improvement/Arm: SPRINGMILL POND - SECTION 5
Operator: JOH **Date:** 7-13-04
Drain Classification: Urban/Rural **Year Installed:** 1992

GIS Drain Input Checklist

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

**Gasb 34 Footages for Historical Cost
Drain Length Log**

Drain-Improvement: SPRINGMILL POND'S DRAIN - SPRINGMILL POND'S - SECTION 5

Drain Type:	Size:	Length SURVEYED REPORT	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSO	6"	3,488'	4,926'	+1,438'		
RCP	12"	224'	224'	Ø		
	15"	37'	37'	Ø		
	21"	430'	430'	Ø		
	24"	180'	180'	Ø		
	27"	140'	140'	Ø		

Sum: 4,499' 5,937' +1,438'

Final Report: _____

Comments:

SR AND AD DISAGREES ON 6" SSO LENGTHS.

TO: Hamilton County Drainage Board

RE: Springmill Ponds Drain-Section 5

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Springmill Ponds Drain-Section 5

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	3488 ft	21" RCP	430 ft
12" RCP	179 ft	24" RCP	180 ft
15" RCP	37 ft	27" RCP	140 ft

The total length of the drain will be 4454 feet.

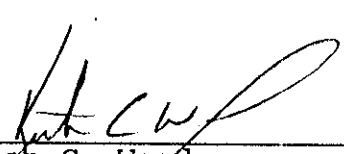
The subsurface drains (SSD) shown above includes the 6" SSD under the curbs and the SSD in the rear of the following lots: 153 to 157; 159, 160, 185 to 187 and 190 to 200. Only the main subsurface drain will be maintained. The laterals off the main line are private drains and will not be maintained as part of the regulated 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 \$25.00 per lot, \$5.00 per acre for roadways, with a \$25.00 minimum. With this assessment the total annual assessment for the drain/this section will be \$675.00.

Parcels assessed for this drain may be assessed for the Collins-Osborn or Williams Creek 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 the Board set a hearing for this proposed drain for January 1993, also recommend the Board approve the attached non-enforcement request at the time of hearing if the petition is approved.


Kenton C. Ward
Hamilton County Surveyor

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

TO: HAMILTON COUNTY DRAINAGE BOARD
% Hamilton County Surveyor, Courthouse, Noblesville, IN 46060

In the matter of Springmill Ponds Subdivision,
Section V Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in _____, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 100% of the Engineers estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.

3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain File.
4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
5. The Petitioner shall comply with the Erosion Control Plan as as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain.

DART DEVELOPMENT, INC.

BY: _____
Signed

JEFF KENNEDY

Printed Name

Signed

Printed Name

RECORDED OWNER(S) OF LAND INVOLVED

DATE

6/10/92

UNION STATE BANK

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

TELEPHONE
AREA CODE 317
846-7381

IRREVOCABLE
LETTER OF CREDIT NO.

2313

DATE July 1, 1992

BENEFICIARY

Hamilton County Commissioners
and City of Carmel
Hamilton County Courthouse
Noblesville, Indiana 46060

FOR ACCOUNT OF

Dart Development, Inc.
1841 Ludlow Avenue
Indianapolis, Indiana 46201

Storm Sewers - Springmill Ponds
Section V

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 Twenty Eight Thousand Five Hundred Eighty Seven and no/100 Dollars (\$28,587.00)

FUNDS ARE AVAILABLE BY YOUR DRAFT(S) AT Carmel, Indiana
UNION STATE BANK, P. O. Box 1710, Carmel, Indiana 46032

DRAWN ON UNION STATE BANK

Drafts are to be accompanied by:

Original Letter of Credit.

Beneficiary's signed certificate stating that the applicant has failed to construct the necessary storm sewers at the applicant's Springmill Ponds Section V Subdivision.

BOARD OF COMMISSIONERS
OF THE COUNTY OF HAMILTON

[Signature]
[Signature]

ATTEST: *[Signature]*
HAMILTON COUNTY AUDITOR

DATE 7/6/92

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 August 1, 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 Revision), International Chamber of Commerce, Publication ~~300~~ 400.

RELEASE OF MAINTENANCE/PERFORMANCE BOND
RELEASE OF LETTER OF CREDIT

VERY TRULY YOURS,

HAMILTON COUNTY BOARD OF COMMISSIONERS

BY: *[Signature]*
BY: *[Signature]*
BY: _____

[Signature]
AUTHORIZED SIGNATURE

John A. Wood, Assistant Vice President

DATED: 12/2/92

ATTEST: *[Signature]*
HAMILTON COUNTY AUDITOR

ORIGINAL

XXXXX
XXXXXX

UNION STATE BANK

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

TELEPHONE
AREA CODE 317
846-7381

IRREVOCABLE
LETTER OF CREDIT NO. 2314

DATE July 1, 1992

BENEFICIARY

Hamilton County Commissioners
and City of Carmel
Hamilton County Courthouse
Noblesville, Indiana 46060

FOR ACCOUNT OF

Dart Development, Inc.
1841 Ludlow Avenue
Indianapolis, Indiana ~~XXXXXX~~
46201

Sub-Surface Drains - Springmill Ponds
Section V

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 Sixteen Thousand Nine Hundred Eighty Six and no/100 Dollars (\$16,986.00)

FUNDS ARE AVAILABLE BY YOUR DRAFT(S) AT Carmel, Indiana
UNION STATE BANK, P. O. Box 1710, Carmel, Indiana 46032

DRAWN ON UNION STATE BANK

Drafts are to be accompanied by:

Original Letter of Credit.

Beneficiary's signed certificate stating that the applicant has failed to construct the necessary sub-surface drains at the applicant's Springmill Ponds Section V Subdivision.

BOARD OF COMMISSIONERS
OF THE COUNTY OF HAMILTON

Clayton C. Bell

Stan C. Dilling

ATTEST: *John M. De...*
HAMILTON COUNTY AUDITOR

DATE 7/6/92

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 August 1, 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 (1973 Revision), International Chamber of Commerce, Publication ~~XXX~~ 400. 1983

RELEASE OF MAINTENANCE/PERFORMANCE BOND
RELEASE OF LETTER OF CREDIT

VERY TRULY YOURS,

HAMILTON COUNTY BOARD OF COMMISSIONERS

BY: *Stan C. Dilling*

BY: *William R. Karns*

BY: _____

DATED: 12/7/92

John A. Wood
AUTHORIZED SIGNATURE

John A. Wood, Assistant Vice President
TITLE

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

ATTEST: *John M. De...*
HAMILTON COUNTY AUDITOR

ORIGINAL

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: Springmill Ponds Section V

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.

Signature: *Stephen E. Bourquein* Date: November 3, 1992

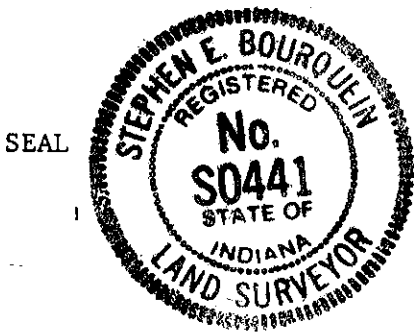
Type or Printed Name: Stephen E. Bourquein

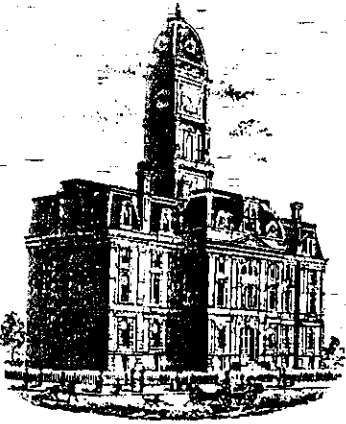
Business Address: 941 N. Meridian Street
Indianapolis, IN 46204

Telephone: 317 634-1000

INDIANA REGISTRATION NUMBER

S0441





SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor
776-8495

Suite 146
One Hamilton County Square
Noblesville, Indiana 46060-2230

TO: Hamilton County Drainage Board

RE: Springville Ponds DRAIN
SPRINGVILLE PONDS SEC 5

Attached are as-builts, certificate of completion & compliance, and other information for Springville Ponds Sec 5. 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 11-16-92. The changes are as follows: STR 119 TO 175 consisting of 12" RCP with a length of 45' was missed in the original report.

The length of the drain due to the changes described above is now 4499 feet.

~~During construction of the drain there were not any significant changes made to the plans submitted with my report dated _____, therefore, the length of the drain remains at _____ feet.~~

~~Attached also is a non-enforcement for the drain which I recommend that the Board approve at this time. The non-enforcement was approved by the Board at its meeting on 1-19-93.~~

The bonds or letters of credit from Union State Bank, numbers 2313, 2314, + 2315, dated 7-1-92, in the amounts of ←, has been recommended for release in a letter to the Commissioners dated 11-23-92. 28,587, 16,986 + \$1,250.00

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

Sincerely,

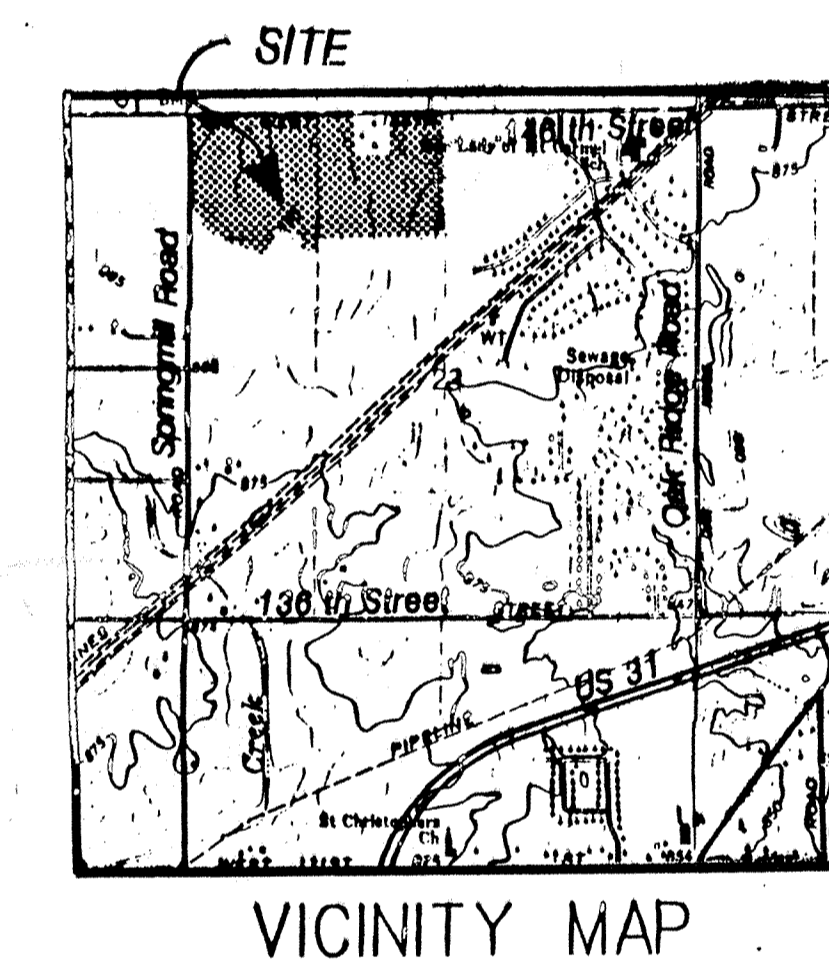
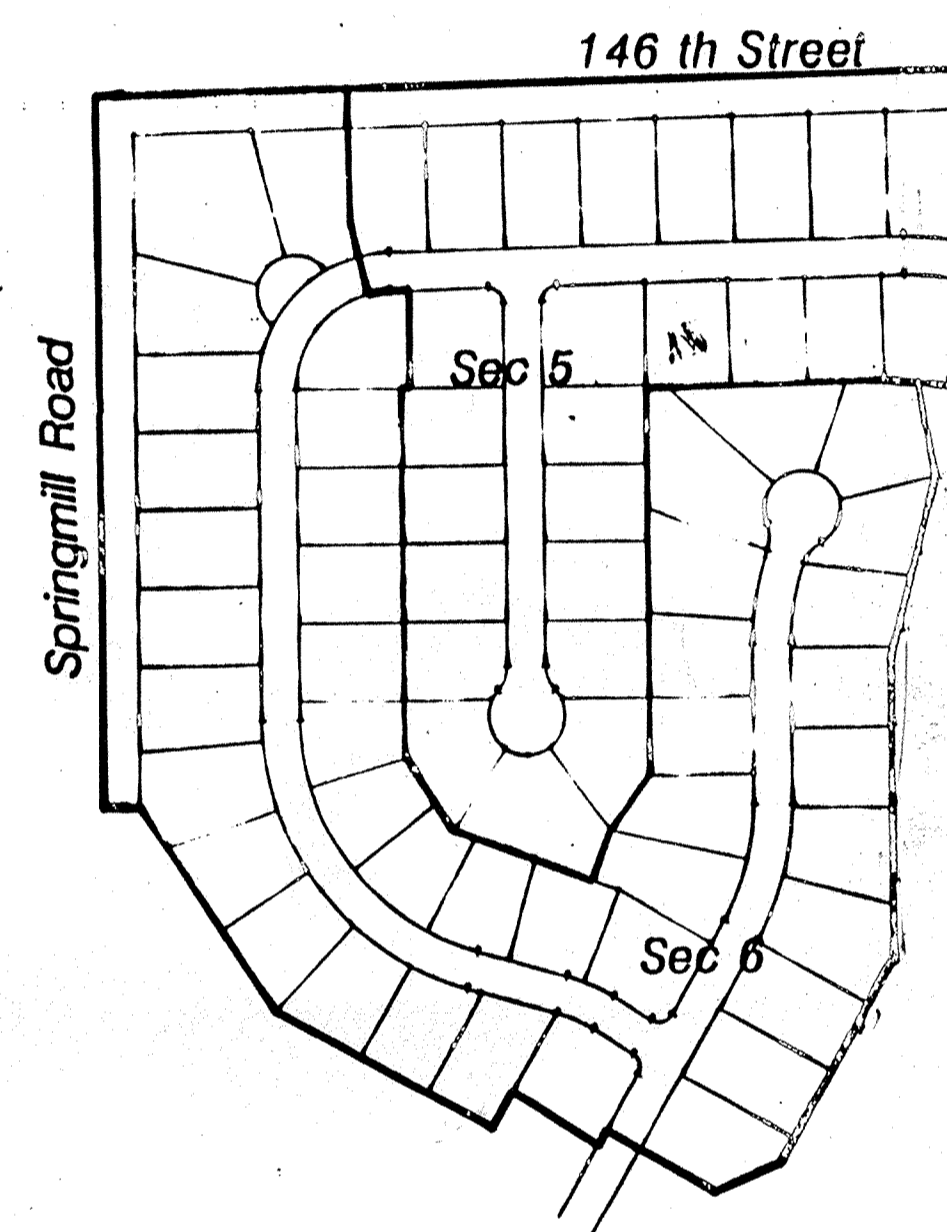
Kenton C. Ward,
Hamilton County Surveyor

KCW/jh

CONSTRUCTION PLANS FOR SPRINGMILL PONDS SECTIONS V - VI

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SPECIFICATIONS
2-3	SITE DEVELOPMENT PLAN
4-7	STORM & STREET PLANS & PROFILE
10-23	SANITARY PLANS AND PROFILE
24-26	CUL-DE-SAC & INTERSECTION DETAIL SHEET
27	ENTRANCE DETAIL SHEET
28	EROSION CONTROL PLAN
29-30	DETAILS

SHEET NO.	DESCRIPTION
1	0-0-01 Move the Hyd. from lot 100-0-00-100
2	0-0-01 Add On Pond Detail
3	0-0-01 See Sheet
4	0-0-01 See Sheet
5	0-0-01 See Sheet
6	0-0-01 See Sheet
7	0-0-01 See Sheet
8	0-0-01 See Sheet
9	0-0-01 See Sheet
10	0-0-01 See Sheet
11	0-0-01 See Sheet
12	0-0-01 See Sheet
13	0-0-01 See Sheet
14	0-0-01 See Sheet
15	0-0-01 See Sheet
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23	0-0-01 See Sheet
24	0-0-01 See Sheet
25	0-0-01 See Sheet
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27	0-0-01 See Sheet
28	0-0-01 See Sheet
29	0-0-01 See Sheet
30	0-0-01 See Sheet



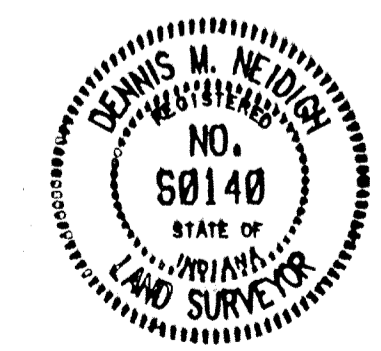
PLANS PREPARED FOR
DART DEVELOPMENT INC.
P.O. BOX 1423
CARMEL, INDIANA 46032
(317) 844-4451

ACRES: 75.14
LOTS: 155
LOTS/ACRE : 2.06

Storm AS-BUILTS

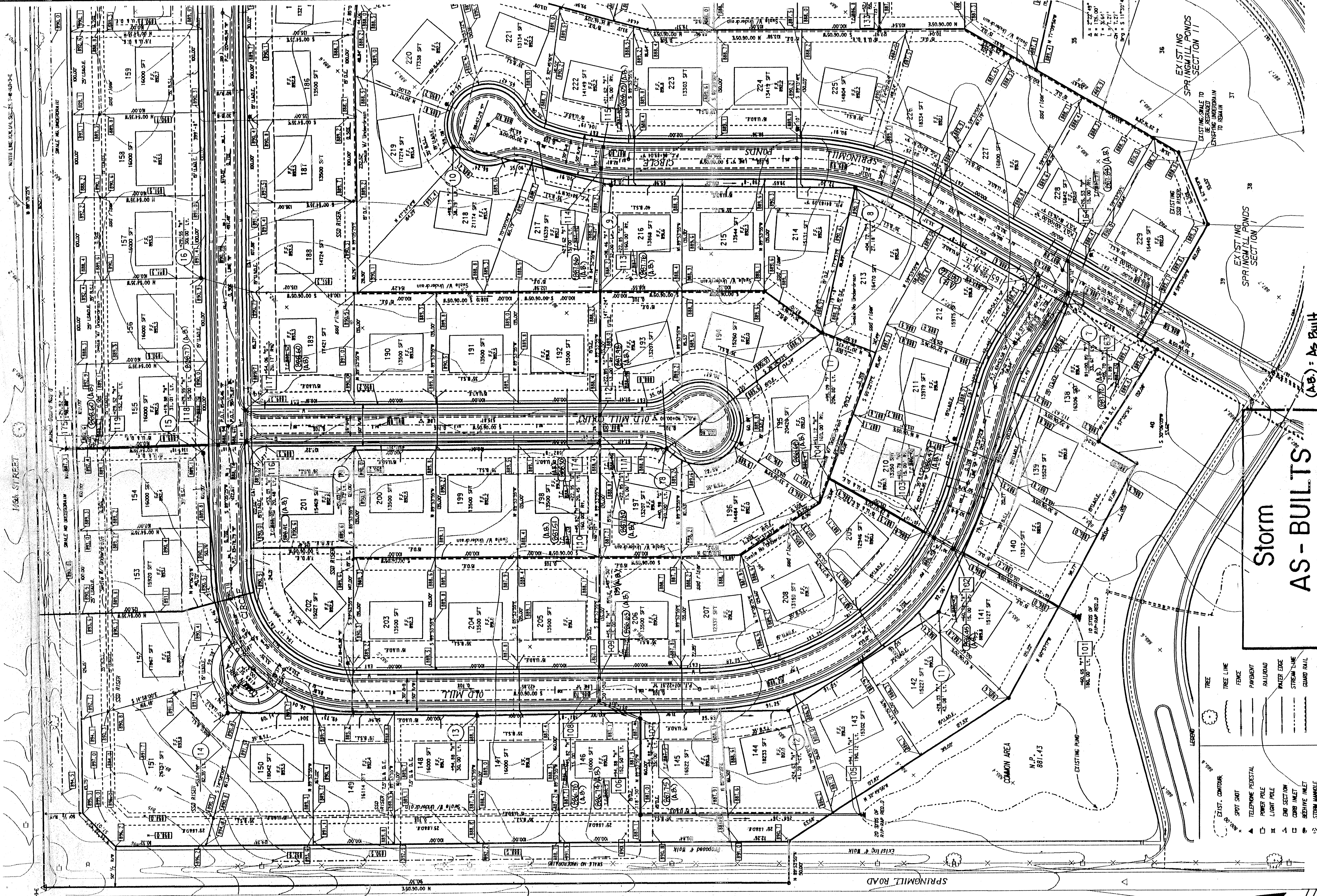
NOTES:
CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PERMIT ISSUING AGENCIES WITHIN THE TIME FRAME SPECIFIED BY THAT AGENCY PRIOR TO BEGINNING CONSTRUCTION.
ANY ALTERATIONS TO THESE PLANS NOT AUTHORIZED BY MSE ENGINEERING AND NOT IN ACCORDANCE WITH THE PLANS AND RECORDS ON FILE AT MSE ENGINEERING OFFICES SHALL RELIEVE MSE ENGINEERING OF RESPONSIBILITY FOR OVERALL ACCURACY OF PLANS.

PREPARED BY:
MSE Engineering
MSE CORPORATION
501 CONGRESS BLVD. SUITE 118
CARMEL, IN 46032
317 843-5000
317 843-5009 FAX



CERTIFIED
THIS 13th DAY OF June, 1991
Dennis M. Neidigh
DENNIS M. NEIDIGH
REGISTERED LAND SURVEYOR #98140 - INDIANA

SHEET 1 OF 7
JOB NO. 114-0491



Storm AS-BUILTS

(A.B.) - As Built

- LEGEND**
- EXIST. CONTOUR
 - TREE
 - TREE LINE
 - FENCE
 - PAVEMENT
 - RAILROAD
 - WATER EDGE
 - STREAM LINE
 - GUARD RAIL
 - STORM SEWER
 - SANITARY SEWER
 - WATER LINE
 - LATERAL
 - GAS LINE
 - TELEPHONE & ELECT.
 - 2 CHAIR BACK CURB
 - EXIST. CONTOUR
 - SPOT SHOT
 - TELEPHONE PEDIESTAL
 - POWER POLE
 - LIGHT POLE
 - END SECTION
 - CURB INLET
 - BERMINE INLET
 - STORM MANHOLE
 - SANITARY MANHOLE
 - FIRE HYDRANT
 - WATER METER
 - WATER VALVE
 - GAS METER
 - ELECT. BOX / TRANSFORMER
 - HANDICAP PARKING

MSE Engineering
 MSE Corporation
 501 Congressional Boulevard
 Suite 110
 Carmel, IN 46032
 317 943-5380
 317 943-5389 FAX

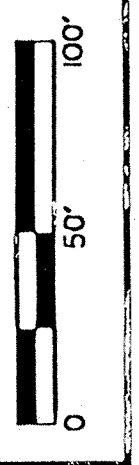
Drawn by: B.E.H.
 Design by: M.A.L.
 Checked by: [Signature]
 Approved by: D.J.M.

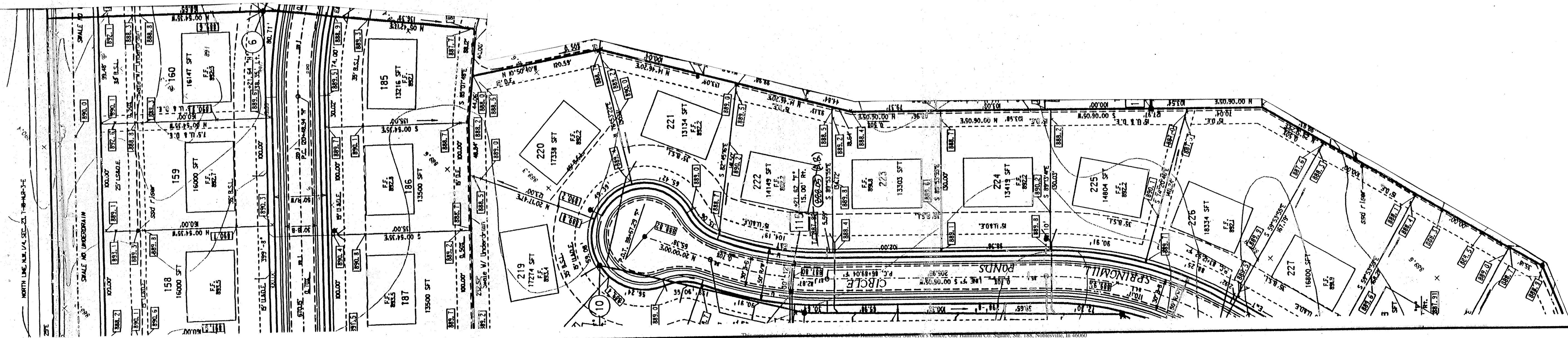
13325
 STATE OF INDIANA
 PROFESSIONAL ENGINEER
 LICENSE NO. 13325
 EXPIRES 12/31/2010

DATE: JUNE 7, 1991

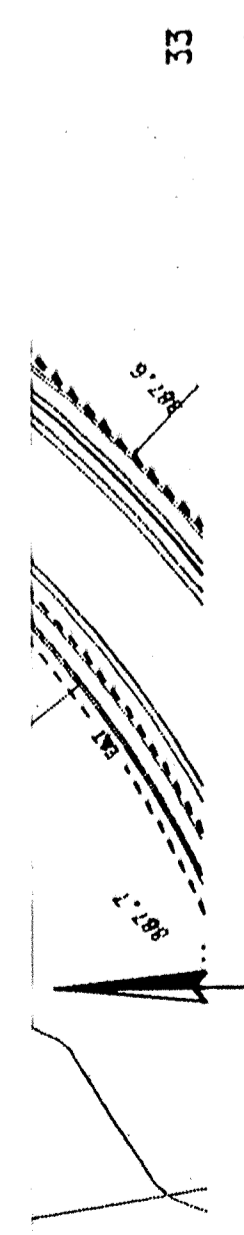
THIS SITE DEVELOPMENT PLAN
SPRINGMILL PONDS
 SECTIONS V - VI

Scale: 1" = 50'
 Job No: 14-0491
 SHEET NO. 2 OF 2
 DATE: 4/90/01
 REF: 49SDPT





Storm AS - BUILTS



(A-B) : As Built

Revisions and Dates

2-19-91	add Easements Lines
7-19-91	Rev. Easement Lines
7-19-91	Rev. Road Closure
7-19-91	add 10' - 12' - 14' - 16' - 18' - 20' - 22' - 24' - 26' - 28' - 30' - 32' - 34' - 36' - 38' - 40' - 42' - 44' - 46' - 48' - 50' - 52' - 54' - 56' - 58' - 60' - 62' - 64' - 66' - 68' - 70' - 72' - 74' - 76' - 78' - 80' - 82' - 84' - 86' - 88' - 90' - 92' - 94' - 96' - 98' - 100'
7-28-91	Rev. LSE in AS-BUILT
8-19-91	Rev. Lateral Location for Prec-Areas
11-17-91	Added As Built Info.

Designed by
B.E.H.
Drawn by
M.A.L.
Checked by
D.M.M.
Approved by
D.M.M.

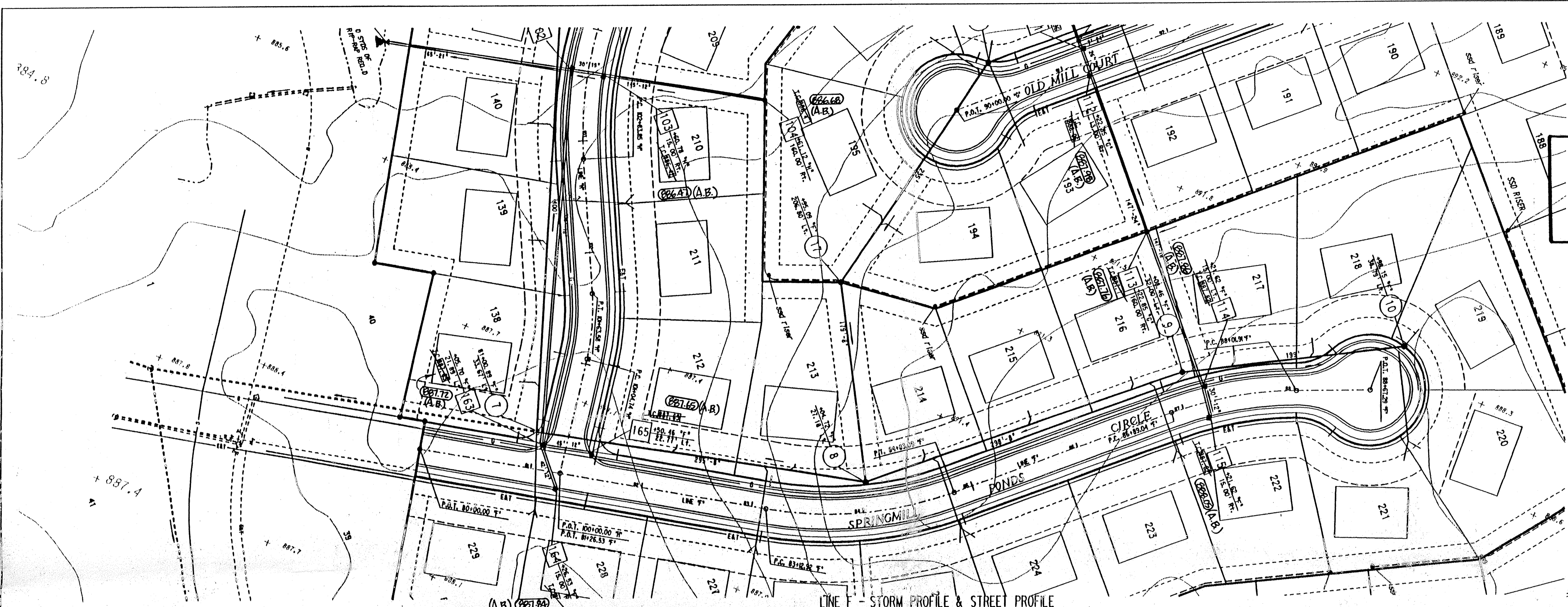


MSE Engineering
MSE Corporation
501 Congressional Boulevard
Suite 110
Carmel, IN 46032
317 843-5080
317 843-5088 FAX

This SITE DEVELOPMENT PLAN
SPRINGMILL PONDS
SECTIONS V - VI
Scale: 1" = 50' Job No: 114-0491 Sheet No: 3 of 7
DATE 4/9/92 PREP: 495DP2

DATE: _____
 BY: _____
 PLAN: _____
 CHECKED: _____
 NOTE BOOK: _____
 NO. _____

DATE: _____
 BY: _____
 PROFILE: _____
 CHECKED: _____
 NOTE BOOK: _____
 NO. _____



Storm AS-BUILTS

NOTES:
 LENGTHS OF PIPES INDICATED ARE FROM CENTER TO CENTER OF STRUCTURES AND ARE NOT ACTUAL PIPE LENGTHS.
 CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PERMIT ISSUING AGENCIES WITHIN THE TIME FRAME SPECIFIED BY THAT AGENCY PRIOR TO BEGINNING CONSTRUCTION.



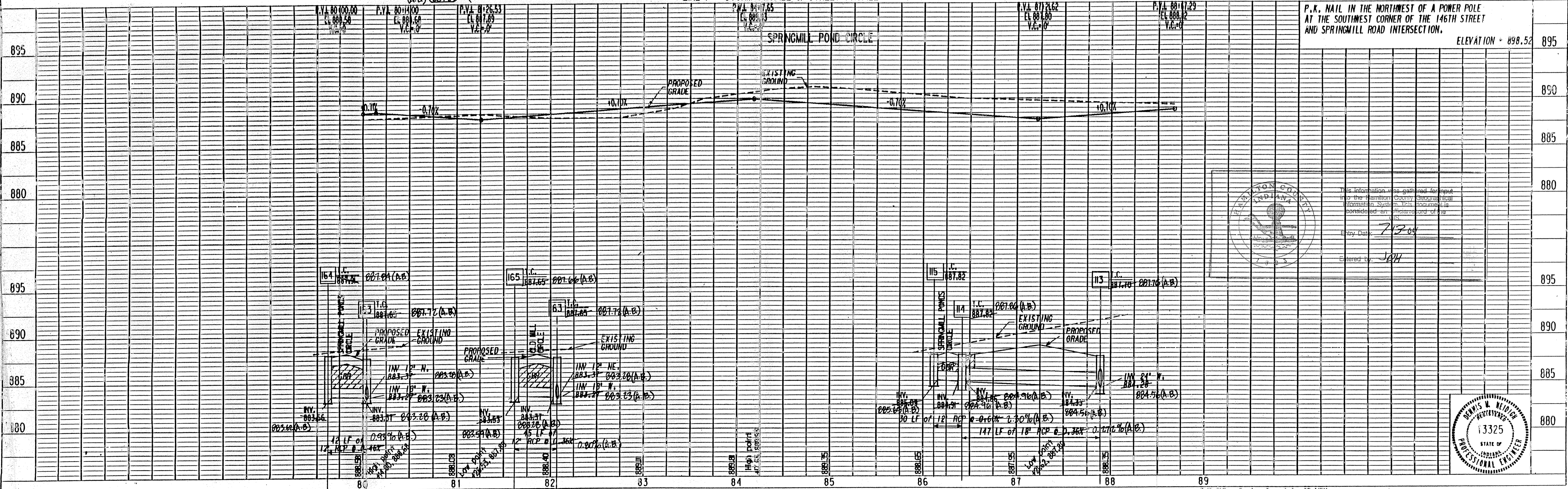
(A.B.) - As Built

25 MPH DESIGN SPEED

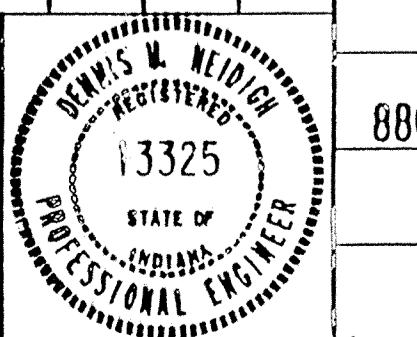
SCALE:
 PLAN: 1" = 50'
 PROFILE: VERTICAL 1" = 5'
 HORIZONTAL 1" = 50'

BENCH MARK DESCRIPTION

P.K. NAIL IN THE NORTHWEST OF A POWER POLE AT THE SOUTHWEST CORNER OF THE 146TH STREET AND SPRINGMILL ROAD INTERSECTION. ELEVATION = 898.52



This information was gathered for input into the Hamilton County Geographical Information System. This information is considered an endorsement of this GIS.
 Entry Date: 7/13/04
 Entered by: JWH



7-15-92 Rev. Design Speed to 25 MPH
 11-12-92 As-Built info. added

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	DWG.	PRJ.
14-049	F	14	27	4049PP6	49PP657