

Drain: SPRINGMILL VILLAGES DRAIN Drain #: 268  
 Improvement/Arm: SPRINGDALE FARMS - SECTION 1  
 Operator: JDH Date: 5-19-04  
 Drain Classification: Urban/Rural Year Installed: 1995

### GIS Drain Input Checklist

- Pull Source Documents for Scanning JDH
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JDH
- 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 JDF
- Sum drain length for Watershed in Posse JDF
- Check Database entries for errors JDH





SURVEYOR'S OFFICE

# Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230

February 24, 1995

TO: Hamilton County Drainage Board

RE: Springmill Villages Drain-Springdale Farms, Section 1 Arm

Attached is a petition, non-enforcement request, plans, calculation, quantity summary and assessment roll for the Springdale Farms Arm #1 of the Springmill Villages Drain. 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	6405 feet	21"	RCP	464 feet
12"	RCP	681 feet	24"	RCP	512 feet
15"	RCP	585 feet	30"	RCP	381 feet
18"	RCP	280 feet	36"	RCP	207 feet

The total length of the drain will be 9515 feet.

The retention pond (lake) located Block B is not to be considered part of the regulated drain. Only the inlet and outlet will be maintained as part of the regulated drain. The maintenance of the pond (lake) will be the responsibility of the Homeowners Association. The Board will however, retain jurisdiction for ensuring the storage volume for which the lake was designed will be retained. Thereby, allowing no fill or easement encroachments.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and the main lines between lots or in rear yards. Only the main SSD lines which are located within the easement/ Right of Way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain. The portion of the SSD which will be regulated other than those under curbs are as follows: North R/W of 156th Street, Rear Lots 17 and Lots 13 to 16.

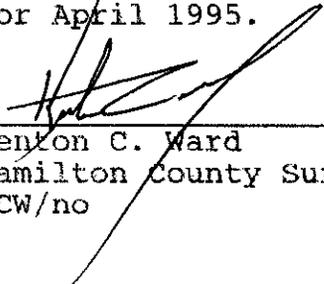
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed by the construction of this drain. I recommend a maintenance assessment of \$30.00 per lot, \$5.00 per acre for roadways, with a \$30.00 minimum. With this assessment the total annual assessment for this drain/ this section will be \$

Parcels assessed for this drain may be assessed for the Overman-Harvey Drain (Villages Farms Subdivision) 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 designed as an Urban Drain.

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement request. This request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Springtime Farms-Section 1 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for April 1995.

  
\_\_\_\_\_  
Kenton C. Ward  
Hamilton County Surveyor  
KCW/no



NBD Bank, N.A.  
International Operations, MS 1624  
One Indiana Square  
Indianapolis, Indiana 46266  
(313) 266-5395

In All Correspondence  
Quote Our Reference No.

◀ By Mail By Wire ▶

TELEX: MCI205615

S.W.I.F.T.: INBI US44

FAX: (317) 266-7150

DECEMBER 08, 1994

IRREVOCABLE LETTER OF CREDIT NO. S036839

BOARD OF HAMILTON COUNTY  
COMMISSIONERS  
HAMILTON COUNTY, INDIANA  
ONE HAMILTON COUNTY SQUARE  
NOBLESVILLE, IN 46060

GENTLEMEN:

WE HEREBY ESTABLISH OUR IRREVOCABLE STANDBY LETTER OF CREDIT NO. S036839 IN YOUR FAVOR, AT THE REQUEST OF AND FOR THE ACCOUNT OF GENE B. GLICK AND SPRINGDALE FARMS, LLC, AN INDIANA LIMITED LIABILITY COMPANY, PO BOX 40177, INDIANAPOLIS, IN 46240 (THE "DEVELOPER"), FOR ANY SUM OR SUMS NOT EXCEEDING ONE HUNDRED TWENTY SEVEN THOUSAND FOUR HUNDRED NINETY SIX 00/100 ( 127,496.00), AVAILABLE UPON PRESENTATION BY THE BOARD OF HAMILTON COUNTY COMMISSIONERS OF A LETTER ENUMERATING ANY AND ALL IMPROVEMENTS NOT COMPLETED BY DEVELOPER IN CONNECTION WITH THE STORM SEWERS AND SUBSURFACE DRAINS IN SPRINGDALE FARMS, SECTION 1, WESTFIELD PLAT DOCKET NO. 94-P-23, AS REQUIRED BY THE HAMILTON COUNTY SURVEYOR'S OFFICE.

THE DRAFTS DRAWN UNDER THIS LETTER OF CREDIT, MUST STATE "DRAWN UNDER LETTER OF CREDIT NO. S036839 OF NBD BANK, N.A., INDIANAPOLIS, INDIANA, DATED DECEMBER 08, 1994." THE AMOUNTS OF THE DRAFTS MUST BE NOTED ON THE BACK OF THIS LETTER OF CREDIT BY THE NEGOTIATING BANK AND/OR AGENCY.

THIS LETTER OF CREDIT IS EFFECTIVE AS OF DECEMBER 08, 1994 AND SHALL EXPIRE ON DECEMBER 07, 1995, BUT SUCH EXPIRATION DATE SHALL BE AUTOMATICALLY EXTENDED FOR A PERIOD OF ONE YEAR ON EACH SUCCESSIVE EXPIRATION DATE, UNLESS A RELEASE IS RECEIVED FROM THE BOARD OF HAMILTON COUNTY COMMISSIONERS OR WE NOTIFY BOTH THE BOARD OF HAMILTON COUNTY COMMISSIONERS AND THE DEVELOPER BY CERTIFIED MAIL, AT LEAST NINETY (90) DAYS BEFORE THE CURRENT EXPIRATION DATE, THAT WE HAVE DECIDED NOT TO EXTEND THIS LETTER OF CREDIT BEYOND THE CURRENT EXPIRATION DATE. IN THE EVENT OF SUCH NOTIFICATION BY US, THE CREDIT ESTABLISHED BY THIS LETTER SHALL BE AVAILABLE TO THE BOARD OF HAMILTON COUNTY COMMISSIONERS UPON ITS SIGHT DRAFT OR DEMAND FOR PAYMENT FOR NINETY (90) DAYS AFTER RECEIPT OF SUCH NOTICE BY THE DATE AS SHOWN ON THE SIGNED RETURN RECEIPT.



NBD Bank, N.A.  
International Operations, MS 1624  
One Indiana Square  
Indianapolis, Indiana 46266  
(313) 266-5395

In All Correspondence  
Quote Our Reference No.

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TELEX: MCI205615

S.W.I.F.T.: INBI US44

FAX: (317) 266-7150

THE CREDIT ESTABLISHED BY THIS LETTER AND OUR OBLIGATION TO PAY SAME SHALL NOT BE AFFECTED BY THE RECEIVERSHIP, BANKRUPTCY OR INSOLVENCY OF THE DEVELOPER OR THE ATTACHMENT OF ITS PROPERTY. NOR SHALL THIS CREDIT OR OUR OBLIGATION TO PAY SAME BE AFFECTED BY ANY SECURITY AGREEMENT BETWEEN THE DEVELOPER AND OURSELVES.

WHENEVER THIS LETTER OF CREDIT IS DRAWN ON UNDER AND IN COMPLIANCE WITH THE TERMS OF THIS LETTER OF CREDIT, WE SHALL PAY THE AMOUNT OF THE DRAFT DIRECTLY TO THE BOARD OF HAMILTON COUNTY COMMISSIONERS OR IN ACCORDANCE WITH ITS INSTRUCTIONS.

SINCERELY,  
NBD BANK, N.A.

*Stephen A. Katcher*  
AUTHORIZED SIGNATURE

*Jurda Skuiman*  
AUTHORIZED SIGNATURE



NBD Bank, N.A.  
International Operations, MS 1624  
One Indiana Square  
Indianapolis, Indiana 46266  
(313) 266-5395

In All Correspondence  
Quote Our Reference No.

◀ By Mail By Wire ▶

TELEX: MCI205615

S.W.I.F.T.: INBI US44

FAX: (317) 266-7150

DECEMBER 08, 1994

IRREVOCABLE LETTER OF CREDIT NO. S036841

BOARD OF HAMILTON COUNTY  
COMMISSIONERS  
HAMILTON COUNTY, INDIANA  
ONE HAMILTON COUNTY SQUARE  
NOBLESVILLE, IN 46060

GENTLEMEN:

WE HEREBY ESTABLISH OUR IRREVOCABLE STANDBY LETTER OF CREDIT NO. S036841 IN YOUR FAVOR, AT THE REQUEST OF AND FOR THE ACCOUNT OF GENE B. GLICK AND SPRINGDALE FARMS, LLC, AN INDIANA LIMITED LIABILITY COMPANY, PO BOX 40177, INDIANAPOLIS, IN 46240 (THE "DEVELOPER"), FOR ANY SUM OR SUMS NOT EXCEEDING TWELVE THOUSAND ONE HUNDRED FIFTY 00/100 ( 12,150.00), AVAILABLE UPON PRESENTATION BY THE BOARD OF HAMILTON COUNTY COMMISSIONERS OF A LETTER ENUMERATING ANY AND ALL IMPROVEMENTS NOT COMPLETED BY DEVELOPER IN CONNECTION WITH THE EROSION CONTROL IN SPRINGDALE FARMS, SECTION 1, WESTFIELD PLAT DOCKET NO. 94-P-23, AS REQUIRED BY THE HAMILTON COUNTY SURVEYOR'S OFFICE.

THE DRAFTS DRAWN UNDER THIS LETTER OF CREDIT, MUST STATE "DRAWN UNDER LETTER OF CREDIT NO. S036841 OF NBD BANK, N.A., INDIANAPOLIS, INDIANA, DATED DECEMBER 08." THE AMOUNTS OF THE DRAFTS MUST BE NOTED ON THE BACK OF THIS LETTER OF CREDIT BY THE NEGOTIATING BANK AND/OR AGENCY.

THIS LETTER OF CREDIT IS EFFECTIVE AS OF DECEMBER 08, 1994 AND SHALL EXPIRE ON DECEMBER 07, 1995, BUT SUCH EXPIRATION DATE SHALL BE AUTOMATICALLY EXTENDED FOR A PERIOD OF ONE YEAR ON EACH SUCCESSIVE EXPIRATION DATE, UNLESS A RELEASE IS RECEIVED FROM THE BOARD OF HAMILTON COUNTY COMMISSIONERS OR WE NOTIFY BOTH THE BOARD OF HAMILTON COUNTY COMMISSIONERS AND THE DEVELOPER BY CERTIFIED MAIL, AT LEAST NINETY (90) DAYS BEFORE THE CURRENT EXPIRATION DATE, THAT WE HAVE DECIDED NOT TO EXTEND THIS LETTER OF CREDIT BEYOND THE CURRENT EXPIRATION DATE. IN THE EVENT OF SUCH NOTIFICATION BY US, THE CREDIT ESTABLISHED BY THIS LETTER SHALL BE AVAILABLE TO THE BOARD OF HAMILTON COUNTY COMMISSIONERS UPON ITS SIGHT DRAFT OR DEMAND FOR PAYMENT FOR NINETY (90) DAYS AFTER RECEIPT OF SUCH NOTICE BY THE DATE AS SHOWN ON THE SIGNED RETURN RECEIPT.



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International Operations, MS 1624  
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Indianapolis, Indiana 46266  
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Quote Our Reference No.

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TELEX: MCI205615

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FAX: (317) 266-7150

THE CREDIT ESTABLISHED BY THIS LETTER AND OUR OBLIGATION TO PAY SAME SHALL NOT BE AFFECTED BY THE RECEIVERSHIP, BANKRUPTCY OR INSOLVENCY OF THE DEVELOPER OR THE ATTACHMENT OF ITS PROPERTY. NOR SHALL THIS CREDIT OR OUR OBLIGATION TO PAY SAME BE AFFECTED BY ANY SECURITY AGREEMENT BETWEEN THE DEVELOPER AND OURSELVES.

WHENEVER THIS LETTER OF CREDIT IS DRAWN ON UNDER AND IN COMPLIANCE WITH THE TERMS OF THIS LETTER OF CREDIT, WE SHALL PAY THE AMOUNT OF THE DRAFT DIRECTLY TO THE BOARD OF HAMILTON COUNTY COMMISSIONERS OR IN ACCORDANCE WITH ITS INSTRUCTIONS.

SINCERELY,  
NBD BANK, N.A.

*Matthew A. Kitcher*  
AUTHORIZED SIGNATURE

*Glenda Susanna*  
AUTHORIZED SIGNATURE

**FILED**

SEP 28 1995

OFFICE OF HAMILTON COUNTY SURVEYOR

**CERTIFICATE OF COMPLETION AND COMPLIANCE**

TO: HAMILTON COUNTY SURVEYOR  
RE: Springdale Farms Section 1

I hereby certify that:

- 1.) I am a Registered 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, 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: *Christopher R. White* Date: 9/26/95

Type or Printed Name: Christopher R. White

Business Address: Davis Homes, LLC, 3755 East 82nd Street, Suite 120  
Indianapolis, Indiana 46240

Telephone: 595-2900

INDIANA REGISTERED NUMBER  
20491





SURVEYOR'S OFFICE

# Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230 ~~January 4, 1996~~

TO: Hamilton County Drainage Board

RE: Springmill Villages Drain-Springdale Farms Section 1 Arm

Attached are as-builts, certificate of completion and compliance, and other information for Springdale Farms-Section 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 February 24, 1995. The changes are as follows:

STR 701-702	30" RCP	Lengthened	from 160 feet	to 166 feet
STR 702-703	30" RCP	Shortened	from 221 feet	to 211 feet
STR 703-704	24" RCP	Lengthened	from 185 feet	to 186 feet
STR 705-706	24" RCP	Lengthened	from 185 feet	to 186 feet
STR 706-707	21" RCP	Lengthened	from 230 feet	to 231 feet
STR 702-708	15" RCP	Lengthened	from 47 feet	to 48 feet
STR 708-709	12" RCP	Shortened	from 45 feet	to 43 feet
STR 703-711	12" RCP	Lengthened	from 157 feet	to 158 feet
STR 702-710	15" RCP	Lengthened	from 45 feet	to 46 feet
STR 713-714	21" RCP	Shortened	from 42 feet	to 41 feet
STR 713-718	12" RCP	Lengthened	from 44 feet	to 45 feet
STR 714-719	12" RCP	Shortened	from 120 feet	to 119 feet
STR 730-731	18" RCP	Shortened	from 100 feet	to 99 feet
STR 722-723	12" RCP	Shortened	from 32 feet	to 31 feet
STR 725-726	24" RCP	Shortened	from 70 feet	to 67 feet
STR 726-727	24" RCP	Shortened	from 42 feet	to 36 feet
STR 728-729	36" RCP	Shortened	from 207 feet	to 203 feet

STR 712 to 713 was incorrectly reported as a 21" RCP. STR 712-713 consists of 187 feet of 24" RCP. STR 714 to 715 consists of 18" RCP which was incorrectly reported at 180 feet. The correct length is 108 feet, STR 715 was incorrectly reported as 15" RCP. STR 715-716 consists of 276 feet of 18" RCP. STR 721 to a metal end section was a length of pipe added. This was not on the original plans. STR 721-metal end section consists of 8 feet of 15" RCP. The correct total of 6" SSD is 6805 feet.

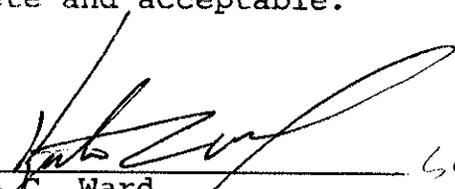
The length of the drain due to the changes described above is now 9,815 feet.

9837

The non-enforcement request was approved by the Board at its meeting on April 26, 1995.

The Bond or Letter of Credit from NBA Bank, number #5036839 and #5036841, dated December 8, 1994, in the amount of \$127,496.00 and \$12,150.00 have been released.

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

  
Kenton C. Ward  
Hamilton County Surveyor  
KCW/no

SLM

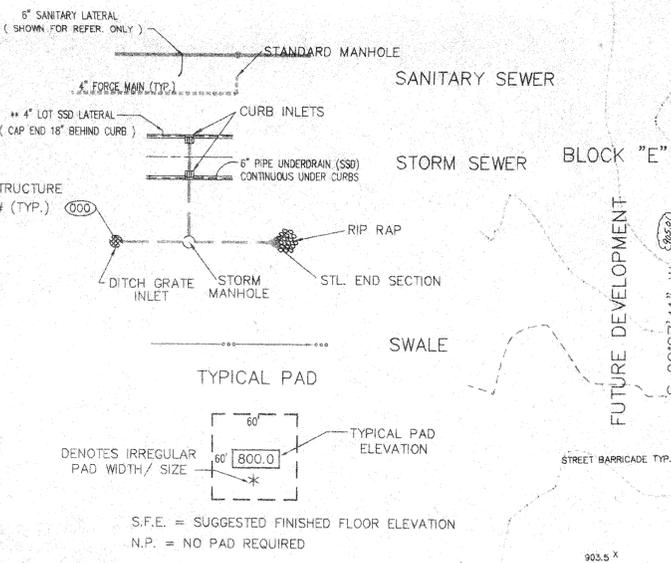
SITE PLAN NOTES

- All radii and street dimensions shall be measured to back of roll curb and chaback curb or face of integral curb and walk.
  - Bearings, dimensions and easements are shown for reference only. See record surveys and plats for exact information. Boundary information provided by PAUL I. CRIFE, INC. and has not been confirmed by Davis Development, L.P. Davis Development, L.P. makes no warranties as to the accuracy of this boundary.
  - Existing buildings are to be demolished per Demolition Specifications.
  - Elevations noted at centerline of street are top of curb elevations at that respective Station.
  - Earthwork Balance - It is the intent of these plans to balance all earth materials onsite.
- In order to satisfy themselves regarding the disposition of the earth balance of the site, each bidding contractor shall perform his or her own earthwork quantity takeoff prior to submitting their proposal. Bidders must designate on the proposal forms the quantities of any excess or shortage of structural fill or topsoil materials anticipated. The Contractor shall confirm all earthwork quantities prior to the start of construction.
- If an excess or shortage of earth is encountered, the Contractor shall conform with the Owner and Engineer's requirements for stockpiling, removal or importing of earth.
- Minor adjustments to the grades may be required to obtain earthwork balances when minor excess material or shortages are encountered. It is recognized by the parties hereto that the calculations of the Engineer in determining the earthwork quantities shall be accomplished in accordance with the American Society of Civil Engineers Standards for such calculations. Further, that these calculations are subject to the interpretations of soil borings regarding physical limits of the various soil types, also the allowable variation in finish grade and compaction permitted the contractor, and that all of these parameters may cause either an excess or shortage of actual earthwork materials to complete the project. If such an actual minor excess or shortage of materials occurs, the Contractor shall contact the Engineer to determine if adjustments can be made to correct the imbalance of earth.
- Borrow pits which are approved by the Owner and Engineer in advance and which are located in nonstructural fill areas may be utilized to obtain suitable fill material and create topsoil.
  - Spot Elevations - If during the construction or survey layout process it is determined that there are insufficient spot elevations to properly construct the project or the design grades appear to be too steep or flat for on-site conditions, the Contractor shall contact the Engineer to adjust or add additional elevations as required.

- Contractor shall preserve existing trees wherever possible. Tree clearing limits shall consist of all trees within street areas, utility installation limits, cut & fill areas, drainage swales, and all areas shown on the plans as clearing limits. Contractor shall confirm with Owner, or Owner's representative, the clearing limits of all areas at a job site meeting prior to initiating clearing operations.
  - All clearing, burning, stump removal, debris disposal and building demolition, if applicable, shall be performed in accordance with applicable governmental rules and regulations and shall include all items and areas depicted on the Construction Plans and Specifications and apparent through a visual site inspection.
  - Building pad areas designated for fill for future buildings shall be constructed of suitable fill material and compacted per Specifications. All fill areas for building and parking areas are to be stripped of topsoil prior to placement of fill and proof rolled. Any areas containing soft, yielding or otherwise unsuitable materials shall be undercut or stabilized by approved methods directed by the Soils Engineer. Undercut areas shall be filled with approved materials and shall be compacted per Specifications.
  - All topsoil shall be placed in mounding areas and non-structural fill areas. Upon completion of mass earthwork, topsoil shall be spread to a depth of 4 to 6 inches in areas to be seeded such as lake slopes, mound areas, areas between curb and clearing limits, drainage swales and all disturbed areas outside of building and parking areas.
  - At all times during the construction process, Contractor shall make every effort to control excessive dust and keep mud from being tracked onto existing streets adjoining the site.
- Contractor shall also make every effort to control soil erosion. Out-of-swale swales shall be constructed along the top of lake banks as shown to direct the storm water runoff to the proposed rip-rapped areas. This rip-rap shall be 18 inches thick. Straw bales, sediment pits, silt fences, rip-rap and silted borer silt filters shall be installed concurrently with the installation of the storm drainage systems and the finish grading of surface drainage swales. These measures must be correctly installed per the Construction Plans prior to acceptance of the earthwork and storm sewer components by the Owner. See erosion control specifications and erosion details for additional information. See Soil Erosion Plan for additional information.

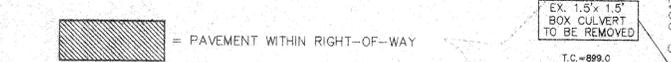
NO SUMP PUMPS ARE TO BE DISCHARGED TO REAR YARDS. PUMPS TO BE CONNECTED TO SSD LATERAL IN FRONT OF LOTS.

LEGEND

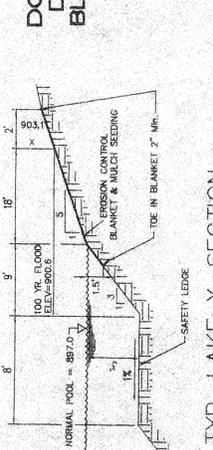
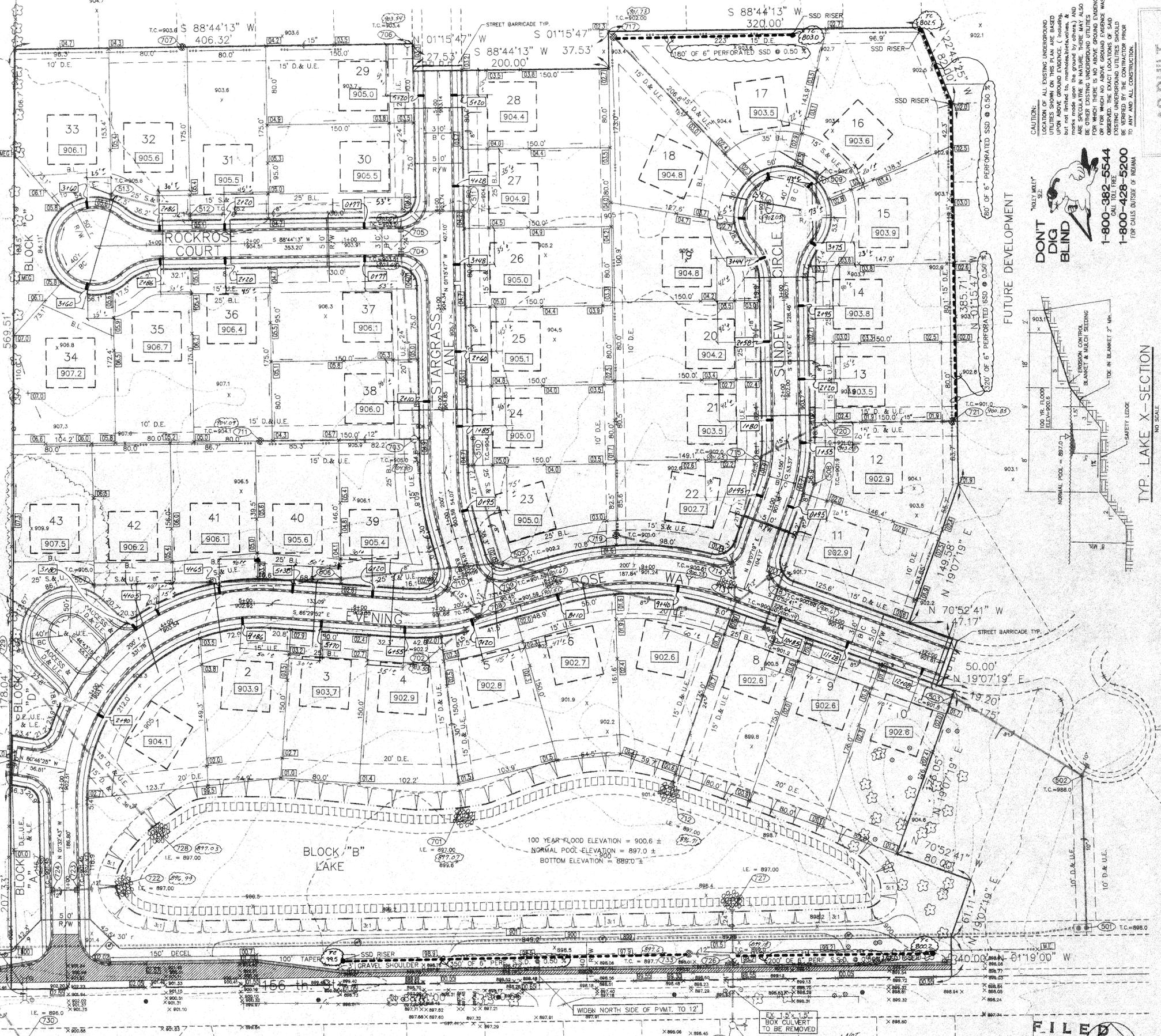


TOPOGRAPHY BY: PAUL I. CRIFE, INC.  
INDIANAPOLIS, INDIANA 46258 (DATED APRIL 1994)

NOTE: SEE WATER PLAN SHEET C203 FOR LAYOUT.



FUTURE DEVELOPMENT



EX. SPRINGMILL VILLAGES EX. LAKE

PAVEMENT IMPROVEMENTS ON THE NORTH SIDE OF 156th STREET TO BE COORDINATED WITH BRENNICK DEVELOPMENTS  
PAVEMENT IMPROVEMENTS ON THE SOUTH SIDE OF 156th STREET.

FUTURE SPRINGMILL VILLAGES

FILED  
SEP 28 1996  
OFFICE OF HAMILTON COUNTY SURVEYOR

PROJECT: SPRINGDALE FARMS  
TITLE: SUB-SURFACE DRAIN AS-BUILTS  
DRAWN BY: [Signature]  
DATE: [Date]  
SCALE: 1" = 50'  
SHEET: C201

DAVIS DEVELOPMENT, L.P.  
3755 EAST 82nd ST., SUITE 120  
INDIANAPOLIS, INDIANA 46240  
OFFICE 317-595-2900  
FAX 317-595-2930

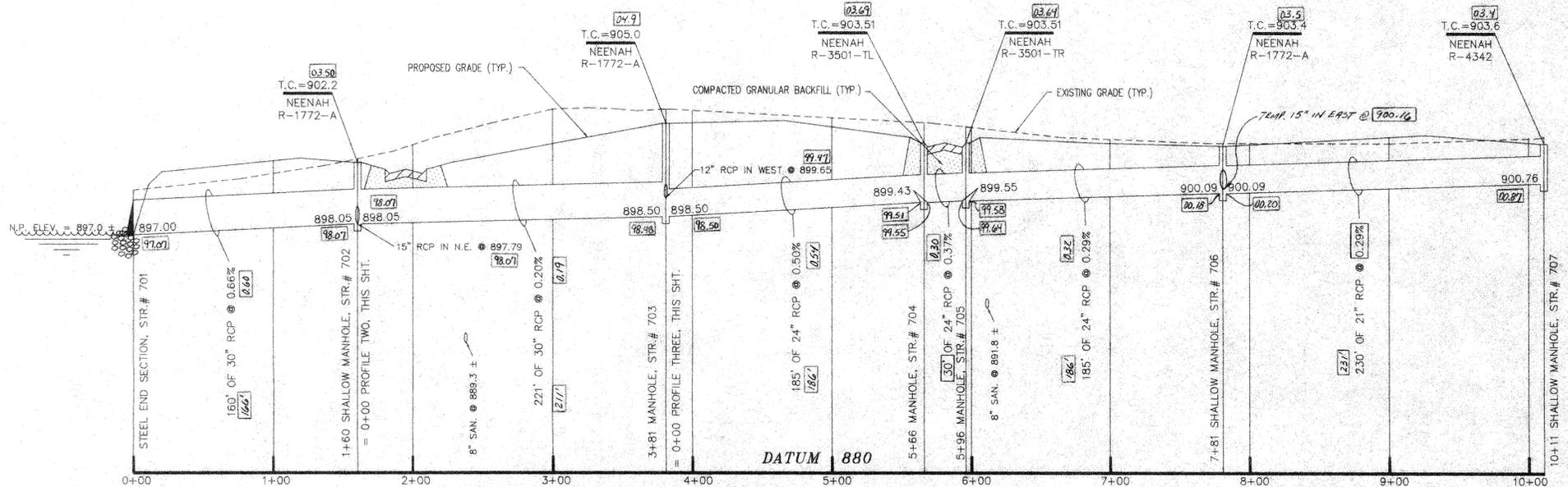
REVISIONS  
NO. BY: REV. DATE: REV. ENTRANCE  
1 G.M. 09-05-94  
2 G.M. 10-01-94  
3 G.M. 12/07/94

**DON'T DIG BLIND**  
 "HOLEY MOLEY"  
 1-800-382-5544  
 CALL TOLL FREE  
 1-800-428-5200  
 FOR CALLS OUTSIDE OF INDIANA

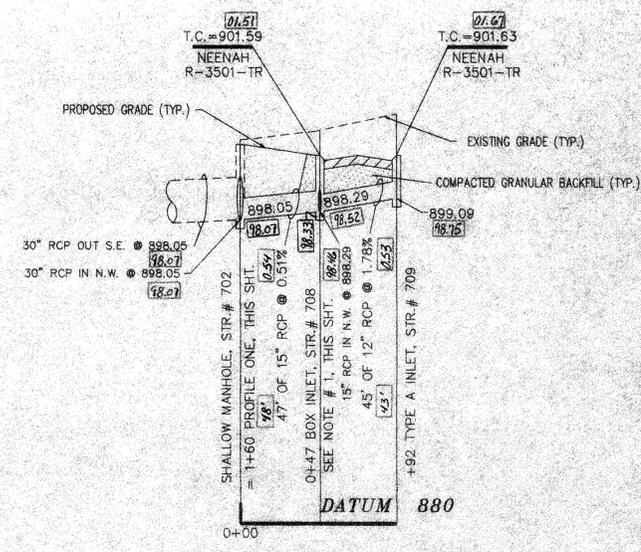
**CAUTION:**  
 LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, & marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

**NOTES:**

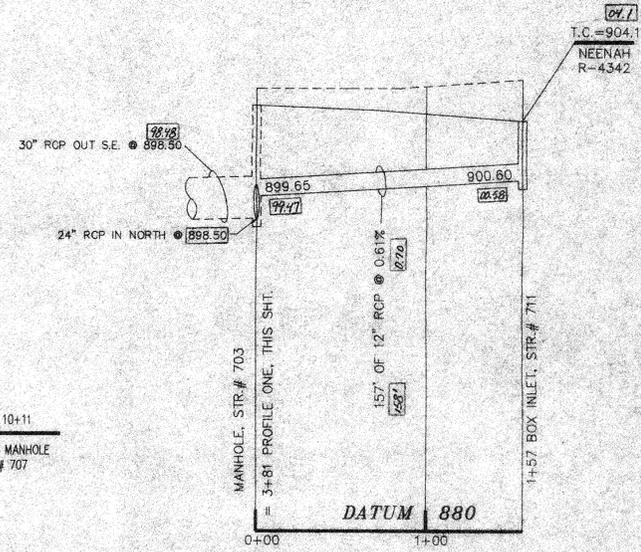
1. FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.
  2. ALL STORM DRAINAGE STRUCTURES SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWEL SMOOTH AND HAVE A BRUSHED FINISH.
  3. ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS AND PIPE CONNECTIONS WELL GROUTED, TROWEL SMOOTH AND BRUSHED FINISH.
  4. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATION; FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
  5. IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
- IT IS THE CONTRACTORS RESPONSIBILITY TO COMPLY WITH THE ABOVE STATED REQUIREMENTS.



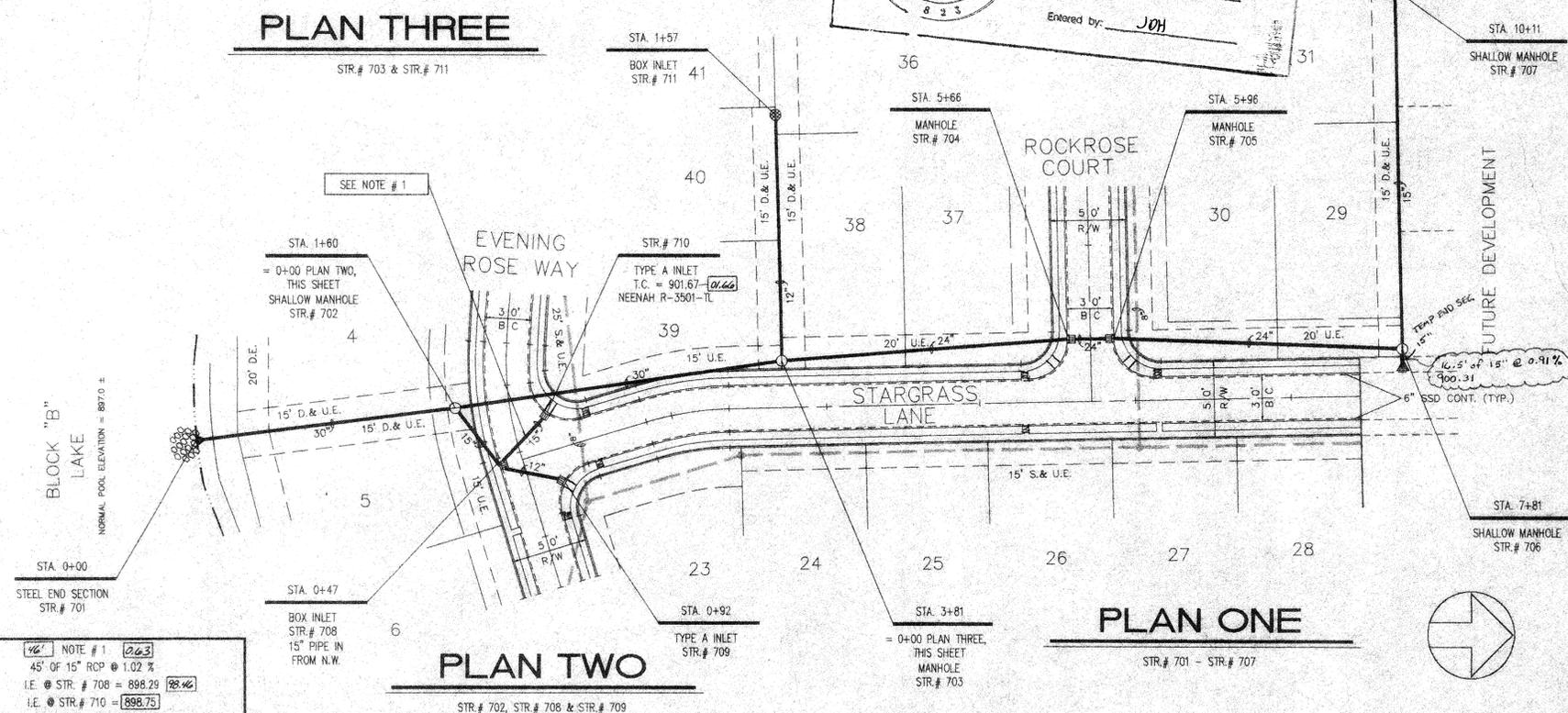
**PROFILE ONE**



**PROFILE TWO**



**PROFILE THREE**



**PLAN ONE**

**PLAN TWO**

**PLAN THREE**

INDIANA  
 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: 5-19-04  
 Entered by: JOH

NOTE # 1  
 45' OF 15" RCP @ 1.02%  
 I.E. @ STR. # 708 = 898.29  
 I.E. @ STR. # 710 = 898.75  
 GRANULAR BACKFILL REQUIRED UNDER PAVEMENT

**AS-BUILT**

STORM SEWER, MANHOLES & INLETS LIE WITHIN RIGHT-OF-WAY AND EASEMENT LIMITS.  
 CERTIFIED  
 CHRISTOPHER A. WHITE

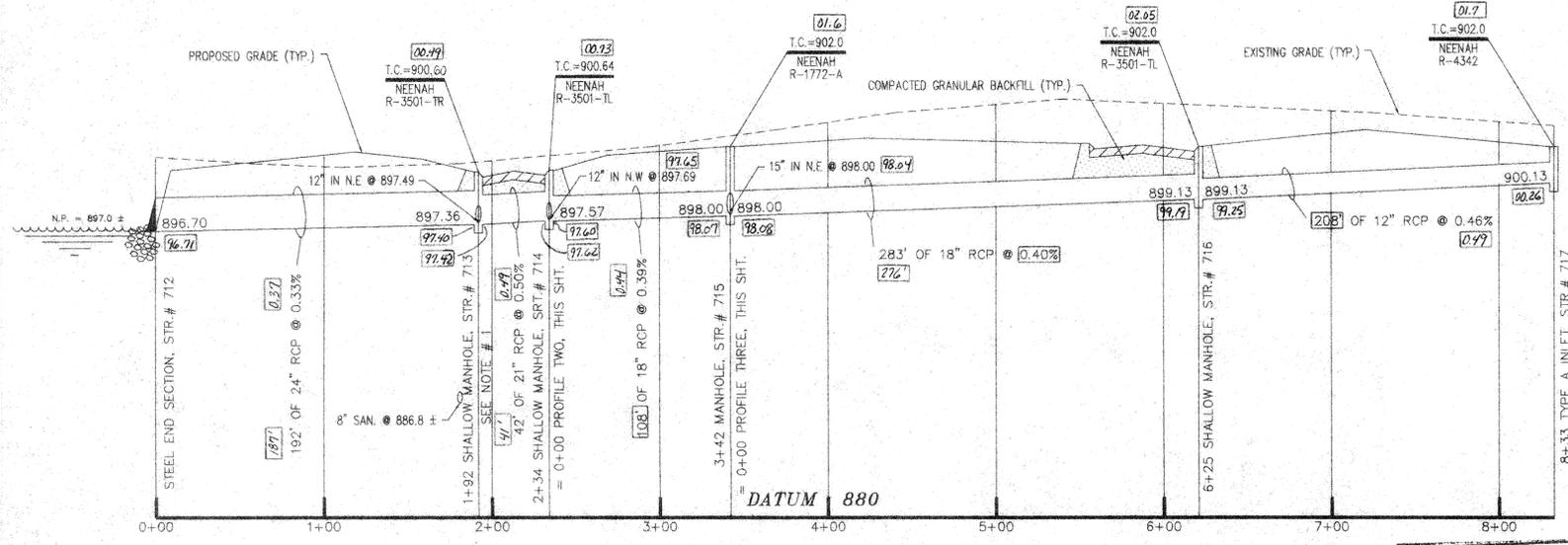
**FILED**  
 SEP 28 1995  
 OFFICE OF HAMILTON COUNTY SURVEYOR



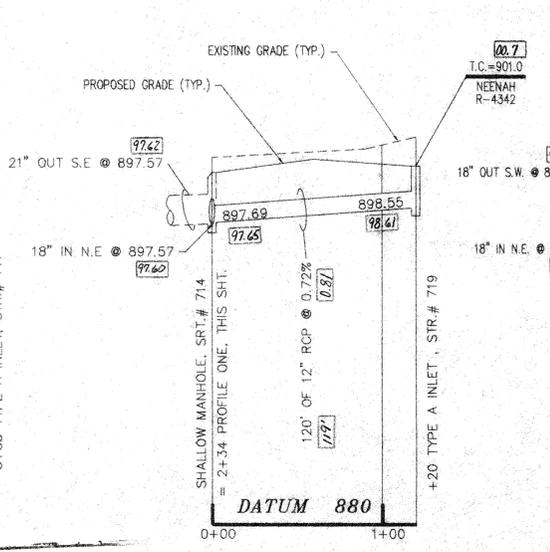
NO.	BY	REV. DATE	REVISIONS
1	ME	08/22/94	APPROX. 15' DIST. 1/2"

**DAVIS DEVELOPMENT, L.P.**  
 3755 EAST 82nd ST. SUITE 120  
 INDIANAPOLIS, INDIANA 46240  
 OFFICE 317-585-2900  
 FAX 317-585-2930

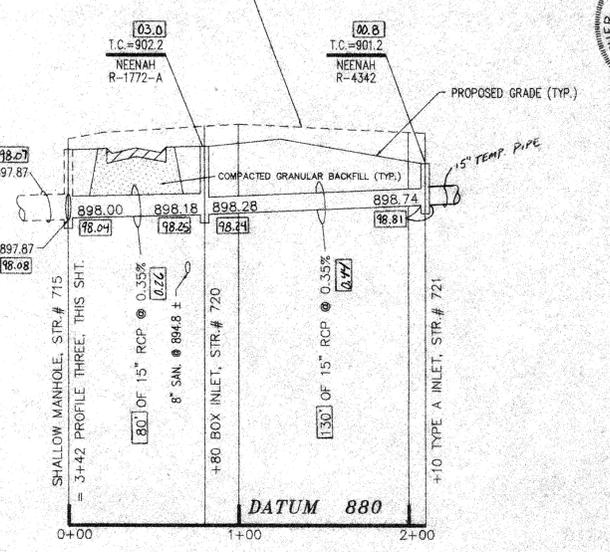
PROJECT: **SPRINGDALE FARMS**  
 TITLE: **STORM SEWER PLAN & PROFILE**  
 DRAWN BY: [Signature]  
 DATE: 08/22/94  
 SCALE: HORIZ. 1"=50'  
 VERT. 1"=5'  
 SHEET: **C701**



PROFILE ONE



PROFILE TWO

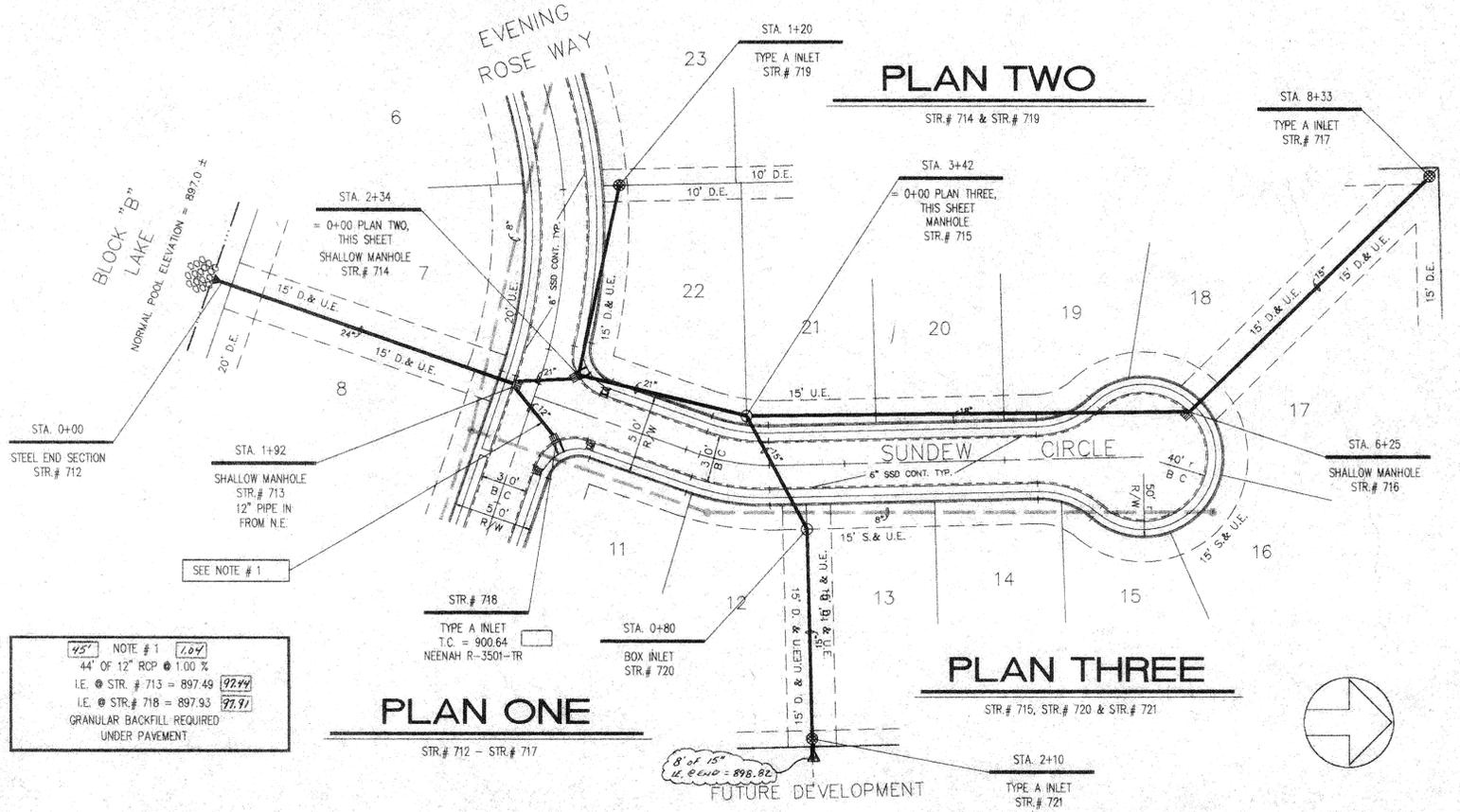


PROFILE THREE

This information was gathered for input into the Hamilton County Geographical Information System. The accuracy is considered an indication of the GIS.

Entry Date: 5-19-04

Entered by: JPH



NOTE # 1  
 44" OF 12" RCP @ 1.00%  
 I.E. @ STR # 713 = 897.49  
 I.E. @ STR # 718 = 897.93  
 GRANULAR BACKFILL REQUIRED UNDER PAVEMENT.

- NOTES:
- FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.
  - ALL STORM DRAINAGE STRUCTURES SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWLED SMOOTH AND HAVE A BRUSHED FINISH.
  - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS AND PIPE CONNECTIONS WELL GROUTED, TROWLED SMOOTH AND BRUSHED FINISH.
  - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATION: FINAL RULE 29 CFR PART 1926. SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
  - IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
- IT IS THE CONTRACTORS RESPONSIBILITY TO COMPLY WITH THE ABOVE STATED REQUIREMENTS.

FUTURE DEVELOPMENT

**AS-BUILT**

STORM SEWER, MANHOLE INLETS LIE WITHIN RIGHT-OF-WAY AND EASEMENT LIMITS

CERTIFIED *Christopher R. White*  
 CHRISTOPHER R. WHITE

**DON'T DIG BLIND**

"HOLEY MOLEY" SEZ:

1-800-382-5544  
 CALL TOLL FREE  
 1-800-428-5200  
 FOR CALLS OUTSIDE OF INDIANA

CAUTION:  
 LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, joints, valves, & marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

REGISTERED PROFESSIONAL ENGINEER  
 STATE OF INDIANA  
 No. 20491  
 CHRISTOPHER R. WHITE

NO.	REV. DATE	REVISIONS
1	5/12/04	Issue On 7/15
2	7/26/04	AS-BUILT

**DAVIS DEVELOPMENT, L.P.**

3755 EAST 82ND ST. SUITE 120  
 INDIANAPOLIS, INDIANA 46240  
 OFFICE 317-595-2900  
 FAX 317-595-2930

PROJECT: **SPRINGDALE FARMS**

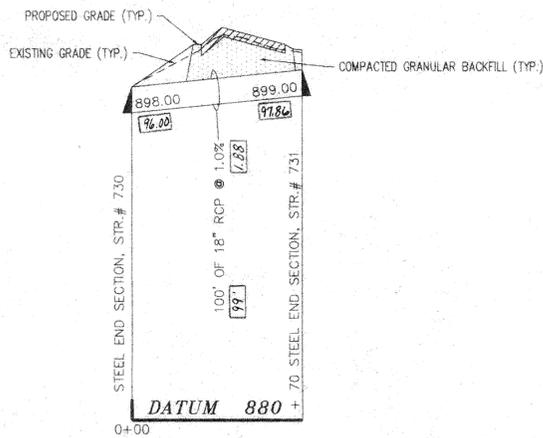
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SCALE: VERT: 1"=5'  
 HORZ: 1"=50'

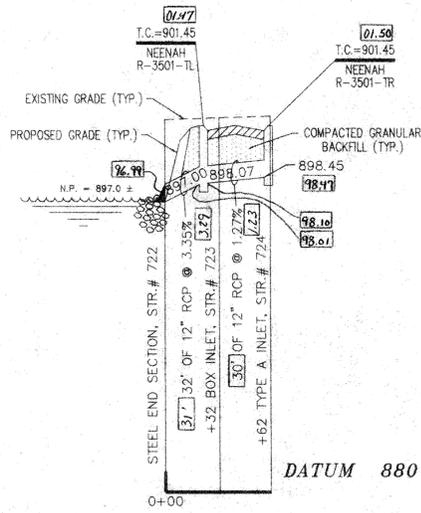
DATE: 08/20/04

DRAWN BY: *JPH*

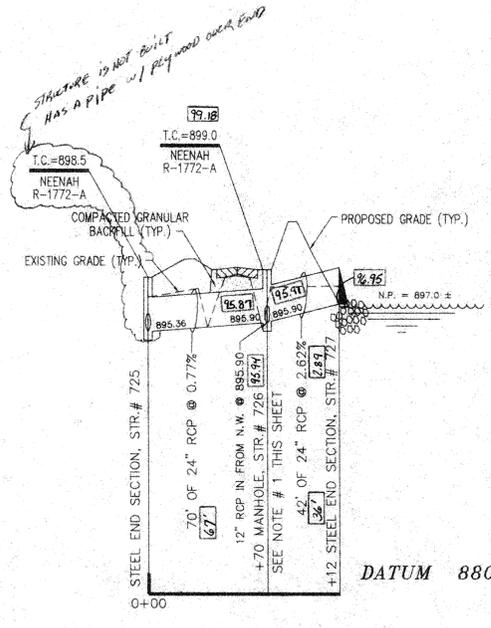
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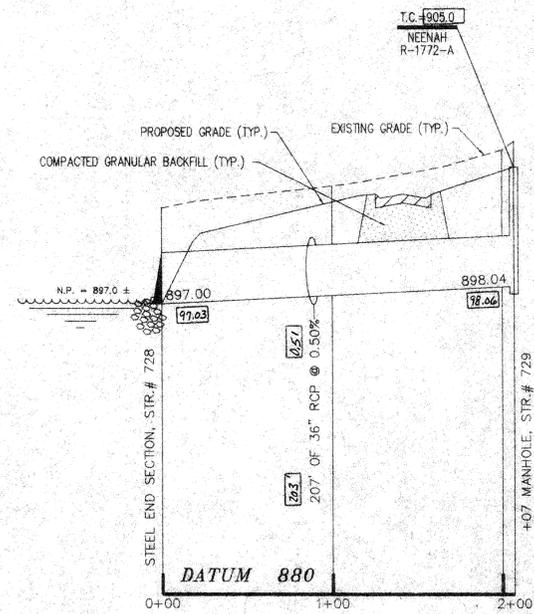
**PROFILE ONE**



**PROFILE TWO**



**PROFILE THREE**



**PROFILE FOUR**

**NOTES :**

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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: 5-19-04

Entered by: JOH

**DON'T DIG BLIND**

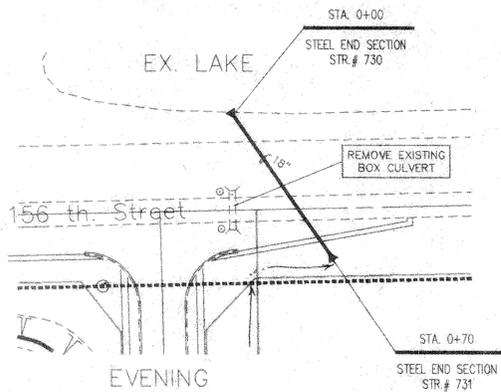
**1-800-382-5544**  
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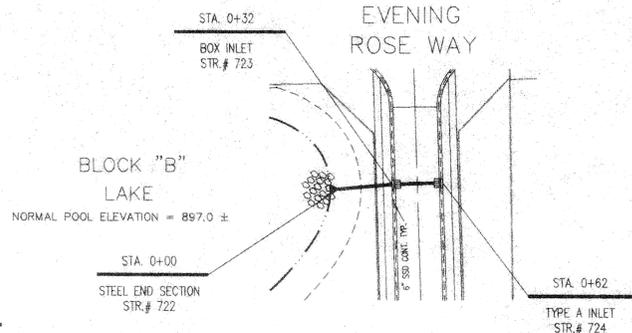
**AS-BUILT**

STORM SEWER MANHOLES & METS LIE WITHIN RIGHT-OF-WAY AND EASEMENT LIMITS

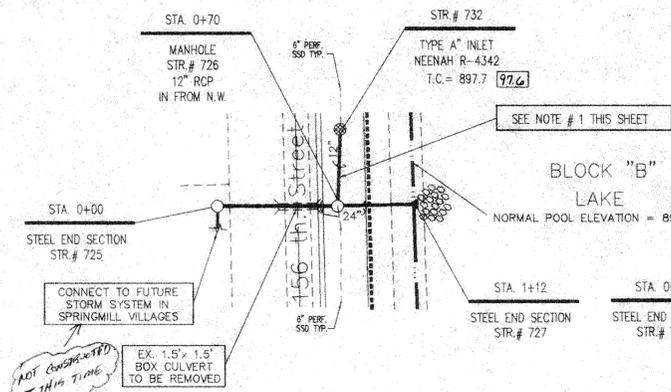
CERTIFIED *Christopher R. White*  
CHRISTOPHER R. WHITE



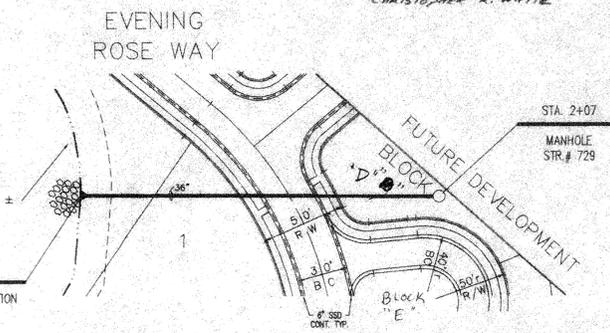
**PLAN ONE**



**PLAN TWO**

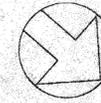
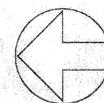
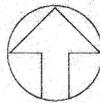
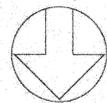


**PLAN THREE**



**PLAN FOUR**

NOTE # 1 0+71  
45' OF 12" RCP @ 0.40 %  
I.E. @ STR. # 726 = 895.90  
I.E. @ STR. # 732 = 896.00  
NO PROFILE SHOWN



**FILED**  
SEP 28 1995  
OFFICE OF HAMILTON COUNTY SURVEYOR

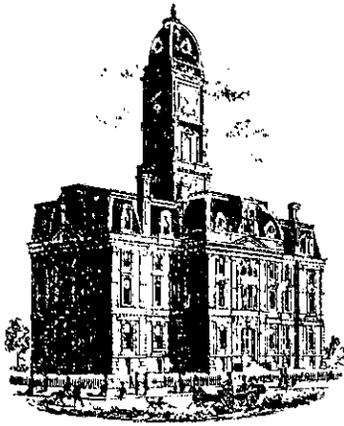


No.	BY	REV. DATE	REVISIONS
1	CSM	09-05-04	REV. ENTRANCE
2	CSM	10-01-04	REV. STORM STRS 726, 728, 727 & 730
3	CSM	11-11-04	REV. PLAN & PROFILE ONE

**DAVIS DEVELOPMENT, L.P.**  
3755 EAST 80th ST. SUITE 120  
INDIANAPOLIS, INDIANA 46240  
OFFICE 317-595-2900  
FAX 317-595-2930

PROJECT: **SPRINGDALE FARMS**  
TITLE: **STORM SEWER PLAN & PROFILE**  
DRAWN BY: *CSM*  
DATE: 08/22/04  
SCALE: VERT. 1"=5'  
HORIZ. 1"=50'

SHEET: **C703**



SURVEYOR'S OFFICE  
**Hamilton County**

Kenton C. Ward, CFM  
Surveyor of Hamilton County  
Phone (317) 776-8495  
Fax (317) 776-9628

Suite 188  
One Hamilton County Square  
Noblesville, Indiana 46060-2230

**Map Correction-Field Verification**

Drain Number: 268

Drain Length: 9823'

Drain Name: Springmill Villages - Springdale Farms Sec. 1

Change +/- : -104'

Date: 08-31-2010

New Length: 9719'

Verified By: SAB, SLM

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**Notes & Sketch:**

The SSD along the Rear of Lots 89, 88, 87, 86 of Springdale Farms Section 2 was incorrectly mapped. It should be noted that the SSD along the rear of lot 16 of Springdale Farms Section 1 was abandoned but was t'd into the line installed with section 2 mentioned above. The SSD mapped along the south line of lot 46 between structures 749 to 740 was an error. No SSD was ever installed there.

Suzanne L. Mills  
GIS Specialist

