



SURVEYOR'S OFFICE

# Hamilton County

*Kenton C. Ward, Surveyor*

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

One Hamilton County Square

Noblesville, Indiana 46060-2230

October 14, 2005

TO: Hamilton County Drainage Board

RE: John Edwards Drain, Maple Knoll Section 5 Arm

Attached is a petition filed by Platinum Properties, LLC along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Maple Knoll Section 5 Arm, John Edwards Drain to be located in Washington Township. 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  | 5,074 ft. | 18" RCP | 572 ft. | 27" RCP    | 363 ft  |
| 12" RCP | 475 ft.   | 21" RCP | 195 ft. | 36" RCP    | 60 ft.  |
| 15" RCP | 277 ft.   | 24" RCP | 714 ft. | Open Ditch | 223 ft. |

The total length of the drain will be 7,953 feet.

The open ditch listed above is that within future Section 7 between Lake #10 and the Edwards open ditch. This would be between structures 374 and 374A as shown of sheet C200 of the plans for Section 5.

The retention pond (lake #10) located in future Section 7 is to be considered part of the regulated drain. Pond maintenance shall include the inlet, outlet, sediment removal and erosion control along the banks as part of the regulated drain. The maintenance of the pond (lake) such as mowing and aquatic vegetation control will be the responsibility of the Homeowners Association. The Board will also retain jurisdiction for ensuring the storage volume for which the pond (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 those main lines between lots or in rear yards. Only the main SSD lines which are located within the right of way are to be maintained as regulated drain. Laterals for individual lots will not be considered 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 \$10.00 per acre for common areas, \$65.00 per platted lot, and minimum \$2.00 per acre for roadways. With this assessment the total annual assessment for this drain/this section will be \$3,137.64.

The petitioner has submitted surety for the proposed drain at this time. Surety shall be submitted prior to the approval of the Hamilton County Board of Commissioners/commencement of construction. The sureties which are in the form of a Performance Bond are as follows:

Agent: Bond Safeguard Insurance Company  
Date: August 17, 2005  
Number: 5018390  
For: Storm Sewers, Monumentation and Erosion Control  
Amount: \$218,460.00

Parcels assessed for this drain may be assessed for the Little Eagle Creek Drain 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 Maple Knoll Section 5 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for January 23, 2006.



Kenton C. Ward  
Hamilton County Surveyor

KCW/pll

STATE OF INDIANA        )  
                                  )  
COUNTY OF HAMILTON )

TO: HAMILTON COUNTY DRAINAGE BOARD

% Hamilton County Surveyor  
One Hamilton County Square, Suite 188  
Noblesville, IN. 46060-2230

In the matter of Maple Knoll Subdivision, Section  
FIVE 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 Maple Knoll, Section Five, 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 or Non-Revocable Letter of Credit for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 120% of the Engineer's 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 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 as per IC 36-9-27-69(d).

**RECORDED OWNER(S) OF LAND INVOLVED**

  
Signed

**Timothy J. Walter**  
Printed Name

**May 17, 2005**  
Date

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

FINDINGS AND ORDER

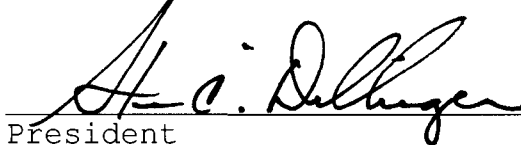
CONCERNING THE MAINTENANCE OF THE

John Edwards Drain, Maple Knoll Section 5 Arm

On this **23rd day of January 2006**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **John Edwards Drain, Maple Knoll Section 5 Arm**.

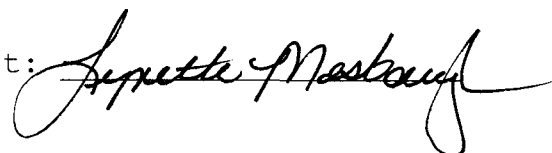
Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD

  
\_\_\_\_\_  
President

  
\_\_\_\_\_  
Member

  
\_\_\_\_\_  
Member

Attest: 

**CERTIFICATE OF COMPLETION AND COMPLIANCE**

To: Hamilton County Surveyor

Re: Maple Knoll, Section 5

I hereby certify that:

1. I am a Registered Land Surveyor or 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.
4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications.

Signature: Jeffery W. Darling Date: January 23, 2006

Type or Print Name: Jeffery W. Darling

Business Address: Stoepelwerth & Associates, Inc.

9940 Allisonville Road, Fishers, Indiana 46038

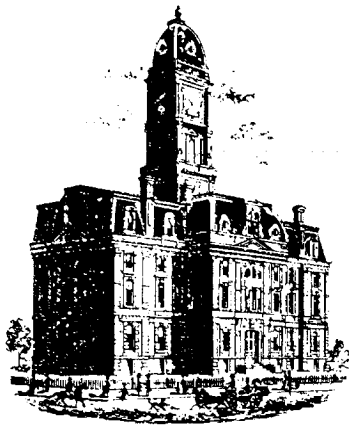
Telephone Number: (317) 849-5935

SEAL

INDIANA REGISTRATION NUMBER

900017





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

To: Hamilton County Drainage Board

February 1, 2007

Re: John Edwards Drain: Maple Knoll Section 5

Attached are as-builts, certificate of completion & compliance, and other information for Maple Knoll Section 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 October 14, 2005. The report was approved by the Board at the hearing held January 23, 2006. (See Drainage Board Minutes Book 9, Pages 55-57)

The changes are as follows:

| Structure: | Length: | Size: | Material: | Up Invert: | Dn Invert | Grade: | Changes(ft): |
|------------|---------|-------|-----------|------------|-----------|--------|--------------|
| 374A-374B  | 56      | 36    | RCP       | 895.2      | 895.08    | 0.21   | -4           |
| 373-374    | 47      | 24    | RCP       | 897.18     | 897.03    | 0.32   |              |
| 372-371    | 128     | 12    | RCP       | 912.43     | 911.95    | 0.38   | 3            |
| 371-370    | 140     | 18    | RCP       | 911.95     | 911.32    | 0.45   |              |
| 370-369    | 45      | 21    | RCP       | 911.32     | 911.11    | 0.47   |              |
| 369-368    | 149     | 21    | RCP       | 911.11     | 909.41    | 1.14   | -1           |
| 368-368A   | 120     | 24    | RCP       | 909.41     | 909.03    | 0.32   |              |
| 368A-367   | 185     | 24    | RCP       | 909.03     | 908.42    | 0.33   |              |
| 367-362    | 152     | 24    | RCP       | 908.42     | 907.8     | 0.41   | 1            |
| 362-361    | 29      | 24    | RCP       | 907.8      | 907.54    | 0.9    | 1            |
| 361-360    | 56      | 24    | RCP       | 907.54     | 906.92    | 1.11   | 1            |
| 360-359    | 128     | 24    | RCP       | 906.92     | 904.01    | 2.27   |              |
| 366-365    | 28      | 12    | RCP       | 909.35     | 908.92    | 1.54   |              |
| 365-364    | 32      | 15    | RCP       | 908.92     | 908.57    | 1.09   | -1           |
| 364-363    | 29      | 15    | RCP       | 908.57     | 908.46    | 0.59   | 1            |
| 363-362    | 98      | 15    | RCP       | 908.4      | 907.8     | 0.61   |              |
| 177-170    | 106     | 12    | RCP       | 910.16     | 909.06    | 1.04   |              |
| 354-353    | 33      | 12    | RCP       | 917.08     | 916.73    | 1.06   |              |
| 353-352    | 149     | 12    | RCP       | 916.73     | 912.09    | 3.11   | -1           |
| 352-351    | 152     | 15    | RCP       | 912.09     | 910.46    | 1.07   | 1            |
| 351-350    | 30      | 18    | RCP       | 910.46     | 910       | 1.53   |              |
| 350-349    | 150     | 18    | RCP       | 910        | 907.11    | 1.93   | -1           |

|         |     |    |     |        |        |      |   |
|---------|-----|----|-----|--------|--------|------|---|
| 349-359 | 253 | 18 | RCP | 907.11 | 904.72 | 0.94 | 2 |
| 359-357 | 152 | 27 | RCP | 903.77 | 902.13 | 1.08 | 1 |
| 357-356 | 36  | 27 | RCP | 902.13 | 901.82 | 0.86 |   |
| 356-355 | 176 | 27 | RCP | 901.82 | 899.1  | 1.55 |   |

**6" SSD Streets:**

|                   |       |
|-------------------|-------|
| Burgess Hill Pass | 1087  |
| Morley Ln         | 495.5 |
| Morley Ct         | 543   |
| Peachaven PL      | 359.5 |
| x2                |       |

**Total:** 4970

**RCP Pipe Totals:**

|    |     |
|----|-----|
| 12 | 444 |
| 15 | 311 |
| 18 | 573 |
| 21 | 194 |
| 24 | 717 |
| 27 | 364 |
| 36 | 56  |

**Total:** 2659

|                     |     |
|---------------------|-----|
| <b>Other Drain:</b> |     |
| open                | 225 |

**Total:** 225

The length of the drain due to the changes described above is now **7854 feet**.

The non-enforcement was approved by the Board at its meeting on January 23, 2006 and recorded under instrument #200600004910.

The following sureties were guaranteed by Bond Safeguard Insurance Company and released by the Board on its October 9, 2006 meeting.

**Bond-LC No:** 5018390

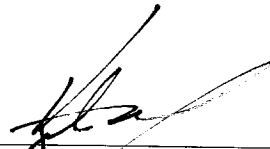
**Insured For:** Storm Sewers, Erosion Control, Monuments

**Amount:** \$218,460.00

**Issue Date:** August 17, 2005

I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,



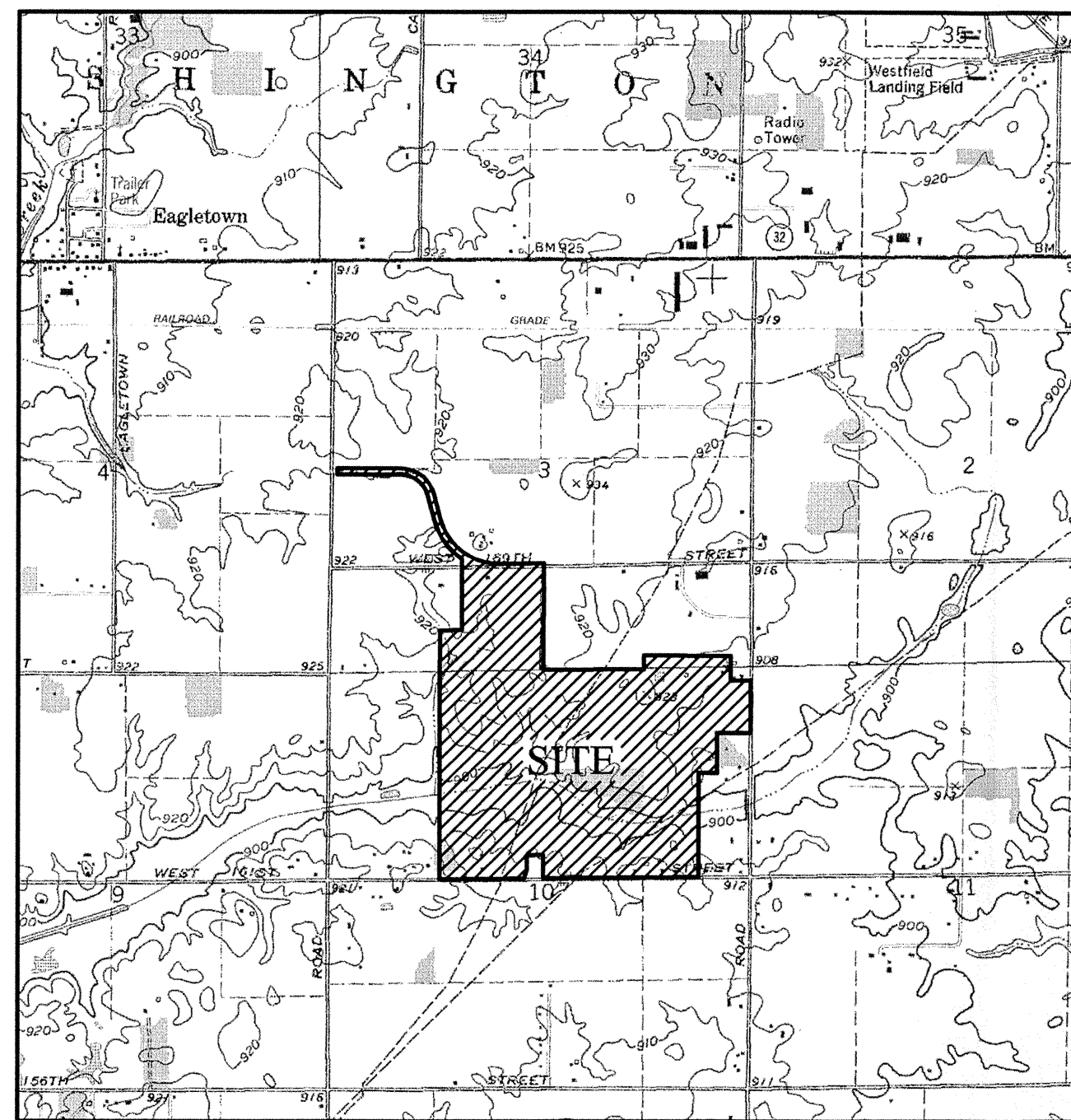
Kenton C. Ward,  
Hamilton County Surveyor

KCW/slm

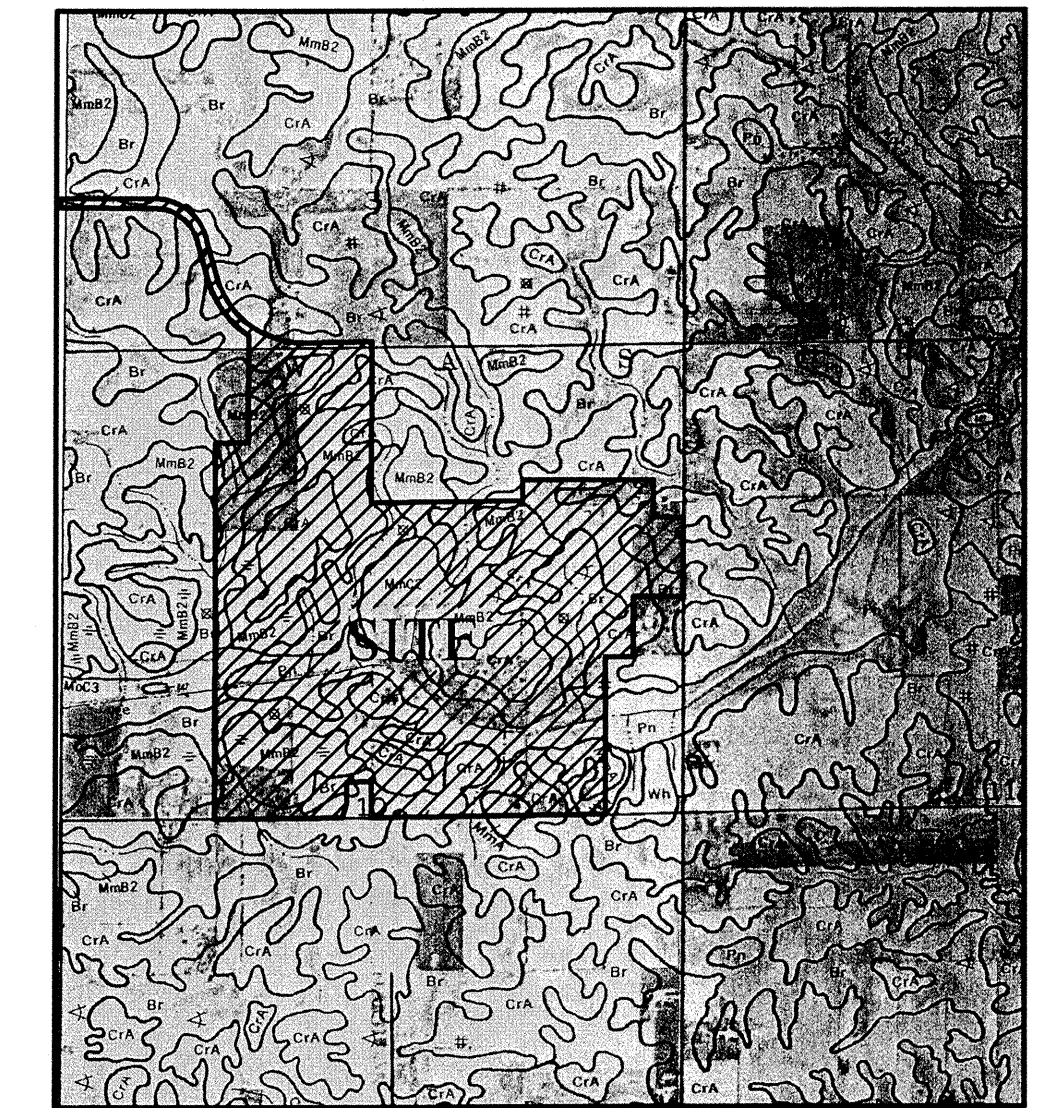


# MAPLE KNOLL SECTION FIVE

Developed by:  
 PLATINUM PROPERTIES L.L.C.  
 9551 DELEGATES ROW  
 INDIANAPOLIS, INDIANA 46240  
 PHONE: (317) 818-2900  
 FAX: (317) 818-2910  
 CONTACT PERSON: TIM WALTER



LOCATION MAP



SOILS MAP

Br BROOKSTON  
 CrA CROSBY  
 MmB2 MIAMI (2 TO 6% SLOPE)  
 Pn PATTON

SPEED LIMIT: 25 M.P.H.

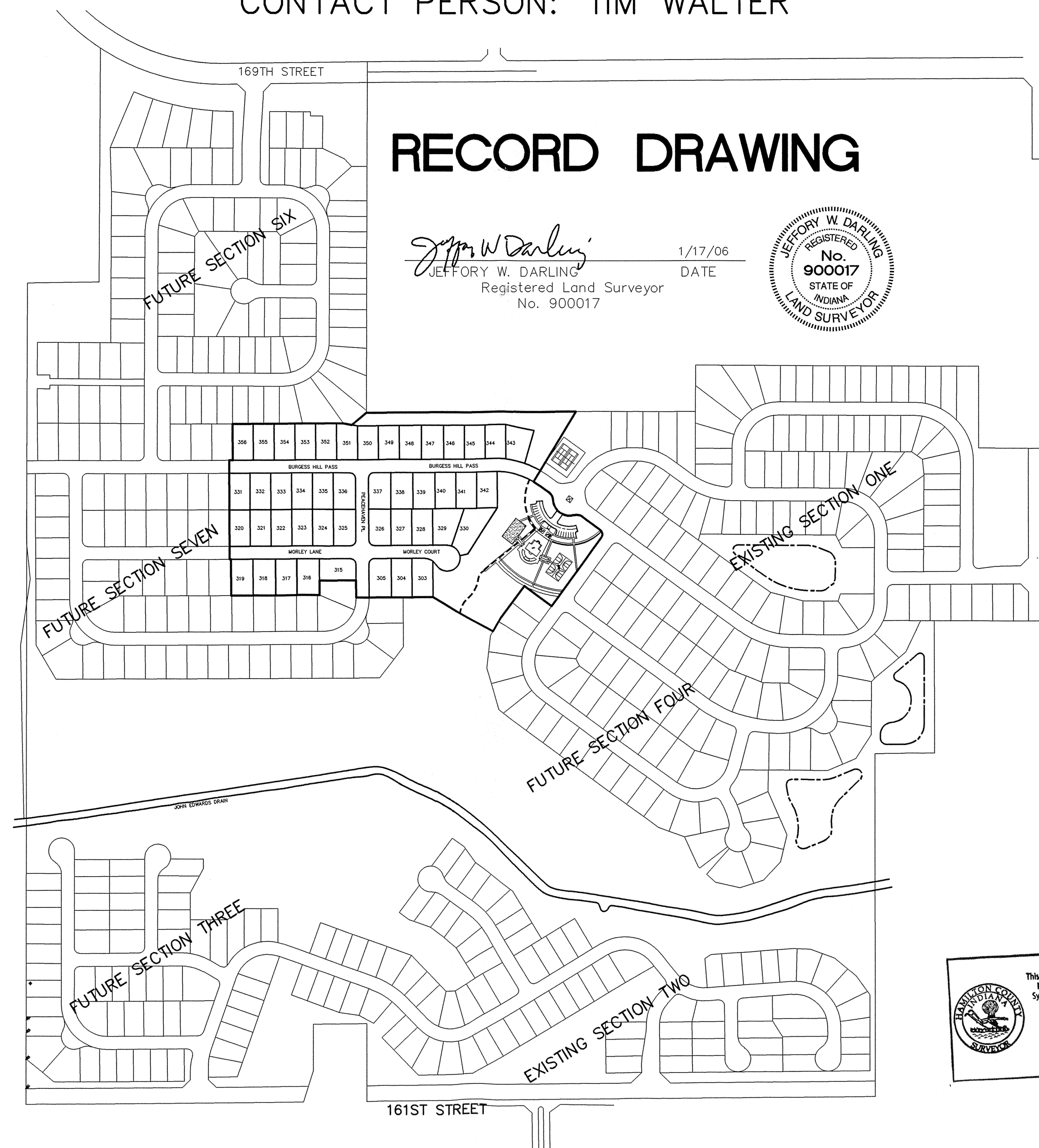
DESIGN DATA

45 LOTS = 2.158 LOTS/ACRE  
 20.854 AC.

MORLEY LANE / MORLEY COURT 928.64 L.F.  
 BURGESS HILL PASS 1,269.69 L.F.  
 PEACEHAVEN PLACE 636.14 L.F.  
 TOTAL 2,834.47 L.F.

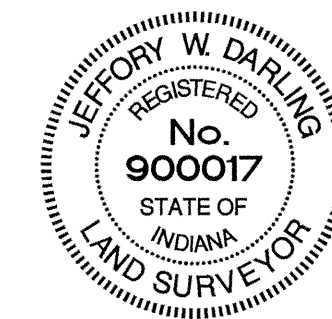
| INDEX     |   |
|-----------|---|
| SHT.      | DESCRIPTION   |
| C001      | COVER SHEET   |
| C100      | TOPOGRAPHICAL SURVEY                                |
| C200-C201 | SITE DEVELOPMENT PLANS/HOUSE HANDING PLAN           |
| C300-C301 | EROSION CONTROL PLANS & SPECIFICATIONS              |
| C400-C402 | STREET PLAN & PROFILES / INTERSECTION DETAILS       |
| C500-C502 | SANITARY SEWER PLAN & PROFILES                      |
| C600-C601 | STORM SEWER PLAN & PROFILES                         |
| C700-C701 | WATER PLANS / WATER DETAILS                         |
| C800-C807 | CONSTRUCTION DETAILS<br>SANITARY<br>STORM<br>STREET |

| REVISIONS                          |   |
|------------------------------------|---|
| SHT.                               | DESCRIPTION                                 |
| ALL                                | REVISED PER TAC COMMENTS 6/8/05 BAH         |
| ALL                                | ADD CONCRETE SLAB OVER PIPELINE 10/4/05 JDH |
| C201                               | REVISED PER WPW COMMENTS 11/14/05 BAH       |
| C200, C500, C501, C600, C601, C700 | AS BUILT 1/17/06 RKG                        |

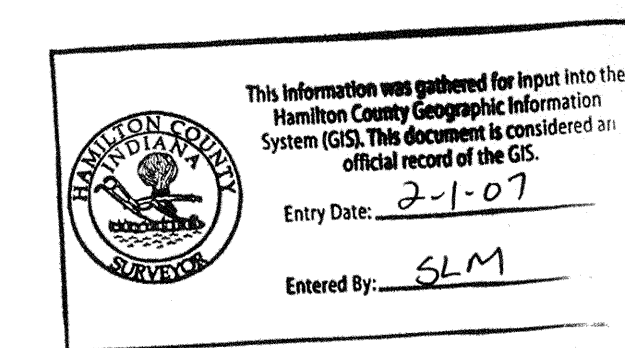


## RECORD DRAWING

*Jeffery W. Darling*  
 JEFFERY W. DARLING  
 Registered Land Surveyor  
 No. 900017  
 1/17/06  
 DATE



SCALE: 1"=300'



PLANS PREPARED BY:

STOEPPELWERTH & ASSOCIATES, INC.  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 9940 ALLISONVILLE ROAD  
 FISHERS, INDIANA 46038  
 PHONE: (317)-849-5935  
 FAX: (317)-849-5942

PLANS CERTIFIED BY:

*David J. Stoepfelwerth*  
 DAVID J. STOEPPELWERTH  
 PROFESSIONAL ENGINEER  
 NO. 19358  
 5/18/05  
 DATE



PRINTED  
 JAN 23 2006

**CURB INLET TABLE**

| PIPE SIZE     | STRUCTURES LESS THAN 48" FROM T/C TO INVERT | STRUCTURES GREATER THAN 48" FROM T/C TO INVERT | ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN | STEPS REQUIRED | CURB CASTING *R-3501 N | CASTING *3501 TL & TR |
|---------------|---|--|--|----------------|------------------------|-----------------------|
| 12" to 18"    | 24"x24"                                     |  | DESIGN APPROVAL  | No             | Yes                    | Yes                   |
| 12" to 21"    | 30"x30"                                     |  | DESIGN APPROVAL  | No             | Yes                    | Yes                   |
| 18" to 21"    |   | MH/BOX   | DESIGN APPROVAL  | Yes            | Yes                    | Yes                   |
| 21" to 27"    | 24"x36"                                     |  | DESIGN APPROVAL  | No             | No                     | Yes                   |
| 12" to 24"    | 36"x36"                                     |  | DESIGN APPROVAL  | No             | Yes                    | Yes                   |
| 24" OR LARGER | DESIGN APPROVAL                             |  | DESIGN APPROVAL  | No             | No                     | Yes                   |
| 24" OR LARGER |   | MH/BOX   | DESIGN APPROVAL  | Yes**          | Yes                    | Yes                   |

\* PIPES NO LARGER THAN 18" CAN BE USED IN THE 2' SIDE OF THIS BOX  
 \*\* INCOMING AND OUT GOING PIPES EFFECT STEPS IN THIS STRUCTURE

**SPECIAL NOTE:**  
 STRUCTURES DEEPER THAN 48" FROM T/C TO INVERT WILL BE A MH OR A BOX WITH STEPS UNLESS SPECIAL DESIGN IS APPROVED.

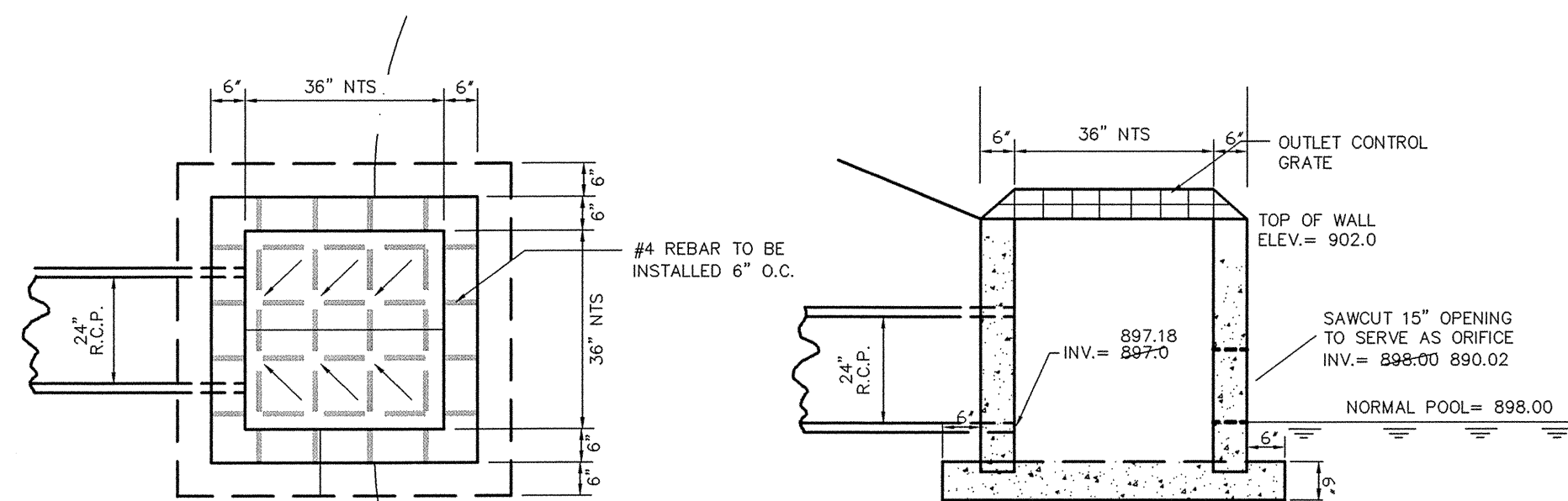
**SPECIAL NOTE:**  
 STRUCTURES WILL BE DESIGNED FOR MAXIMUM FLOW IN PIPES

**SPECIAL NOTE:**  
 COUNTY MAY REQUIRE STEPS TO BE INSTALLED AFTER STRUCTURE IS SET, TO IMPROVE ACCESS.

NOTE: ALL STORM STRUCTURES TO RECEIVE SOLID LID CASTINGS ARE TO BE CONSTRUCTED TO PROVIDE 1"-4" RISER RING NO MORE, NO LESS TO ACHIEVE PLAN RIM GRADE.

ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO 0.20' OF PLAN GRADE.

ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY"



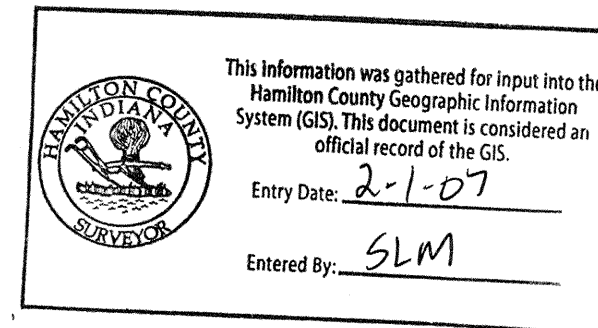
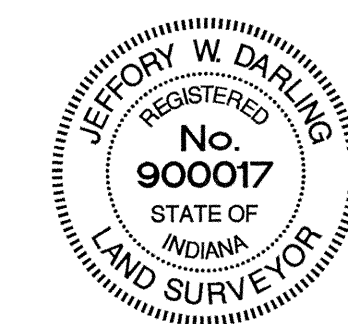
NOTE: CONTRACTOR SHALL VERIFY PROPER METHOD OF ATTACHING TO OUTLET STRUCTURE PRIOR TO FABRICATION & INSTALLATION

**SPECIAL STRUCTURE NO. 373 DETAIL**  
 NOT TO SCALE.

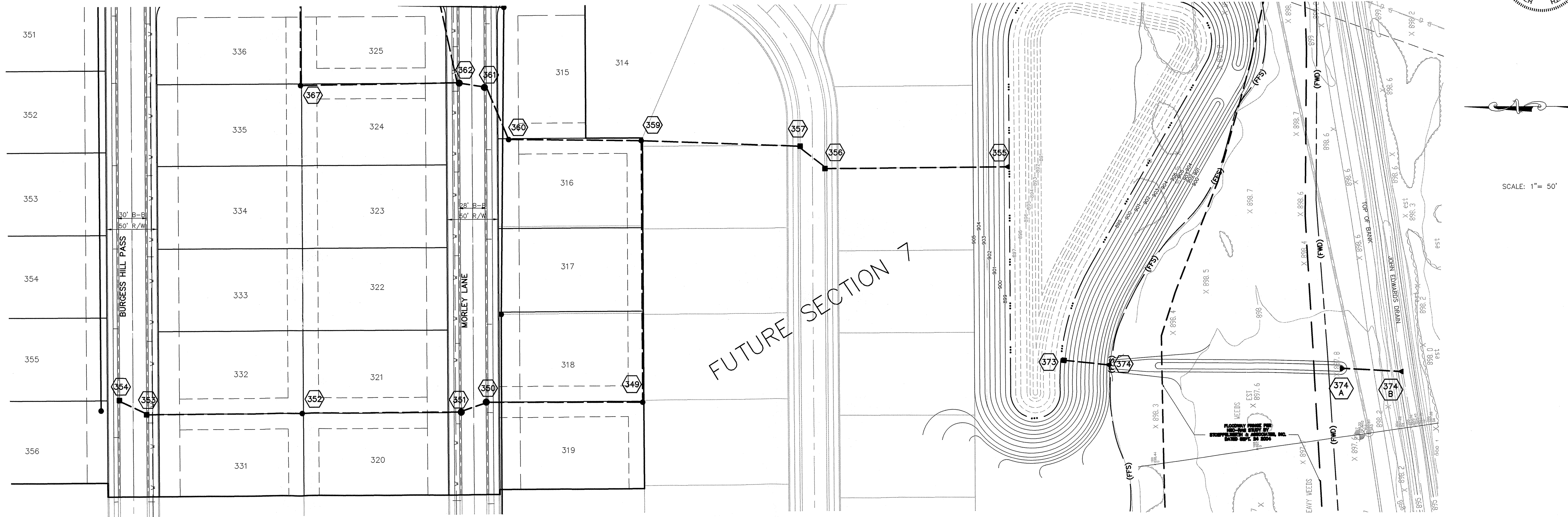
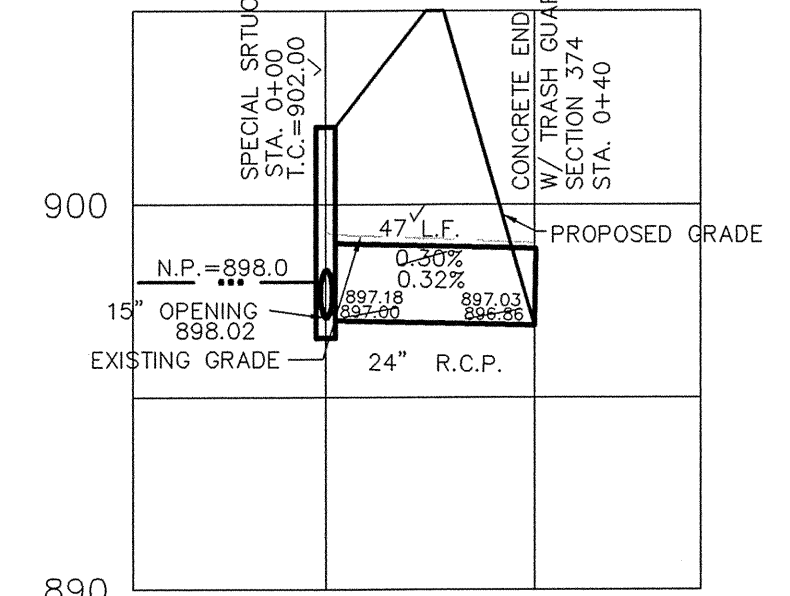
# RECORD DRAWING

*Jeffery W. Darling*  
 JEFFERY W. DARLING  
 Registered Land Surveyor  
 No. 900017

1/17/06  
 DATE

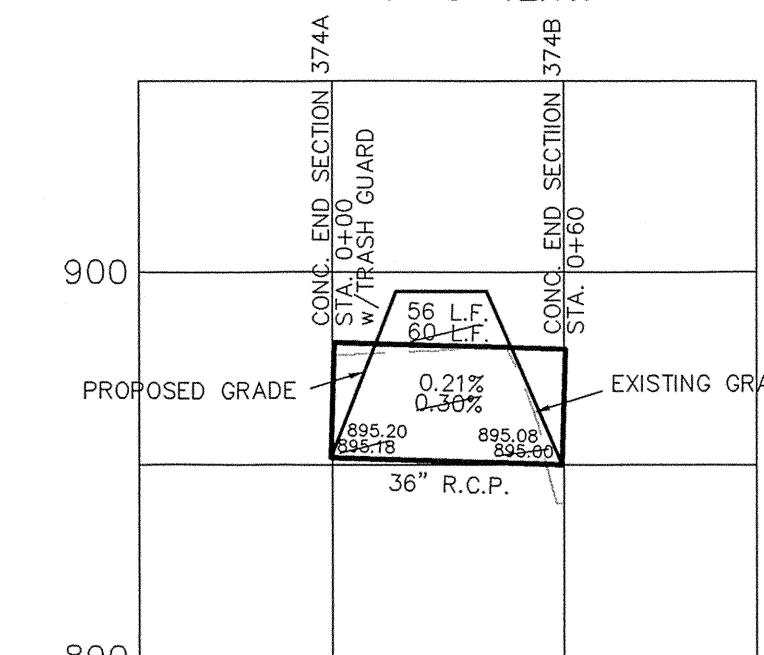


SCALE: 1"=50' HOR.  
 1"=5' VERT.



SCALE: 1"=50' HOR.  
 1"=5' VERT.

SCALE: 1"=50' HOR.  
 1"=5' VERT.



CERTIFIED: 5/18/05

CONSULTING ENGINEERS - LAND SURVEYORS  
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942

STORM PLAN & PROFILES  
 MAPLE KNOLL, SECTION FIVE

SHEET NO. C600

WESTFIELD INDIANA

REVISIONS

| NO.      | DATE    | BY | REVISIONS |
|----------|---------|----|-----------|
| AS BUILT | 1/17/06 |    |           |

Job No. 3467655

| CURB INLET TABLE |   |  |  |                |                        |                       |
|------------------|---|--|--|----------------|------------------------|-----------------------|
| PIPE SIZE        | STRUCTURES LESS THAN 48" FROM T/C TO INVERT | STRUCTURES GREATER THAN 48" FROM T/C TO INVERT | ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN | STEPS REQUIRED | CURB CASTING #R-3501 N | CASTING #3501 TL & TR |
| 12" to 18"       | 24"x24"                                     |  | DESIGN APPROVAL  | No             | Yes                    | Yes                   |
| 12" to 21"       | 30"x30"                                     |  | DESIGN APPROVAL  | No             | Yes                    | Yes                   |
| 18" to 21"       |   | MH/BOX   | DESIGN APPROVAL  | Yes            | Yes                    | Yes                   |
| 21" to 27"       | 24"x36"                                     |  | DESIGN APPROVAL  | No             | No                     | Yes                   |
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| 24" OR LARGER    |   | MH/BOX   | DESIGN APPROVAL  | Yes**          | Yes                    | Yes                   |

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**SPECIAL NOTE:**  
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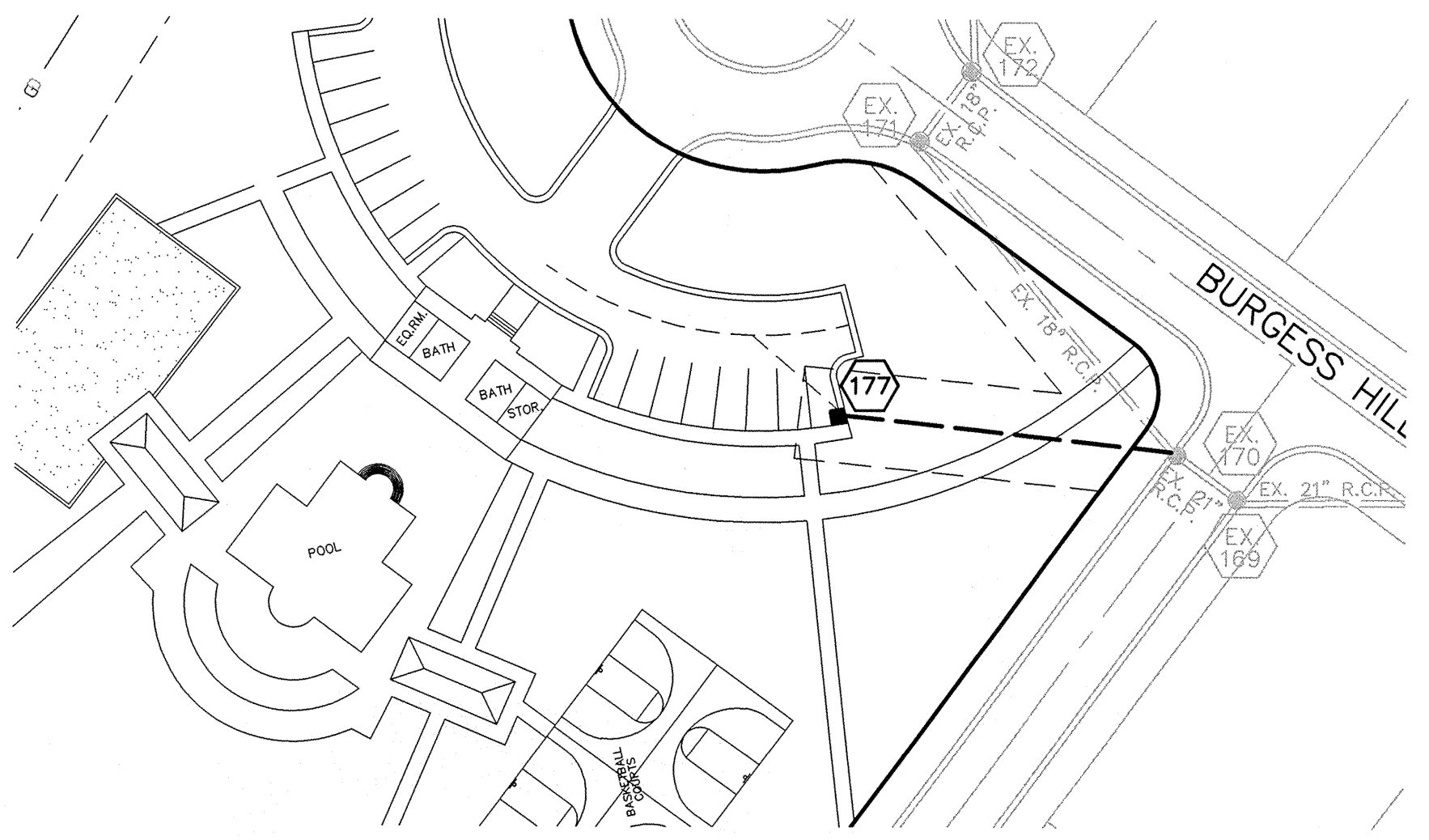
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# RECORD DRAWING

*Jeffrey W. Darling*  
 JEFFREY W. DARLING  
 Registered Land Surveyor  
 No. 900017

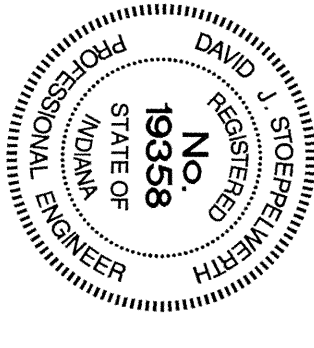
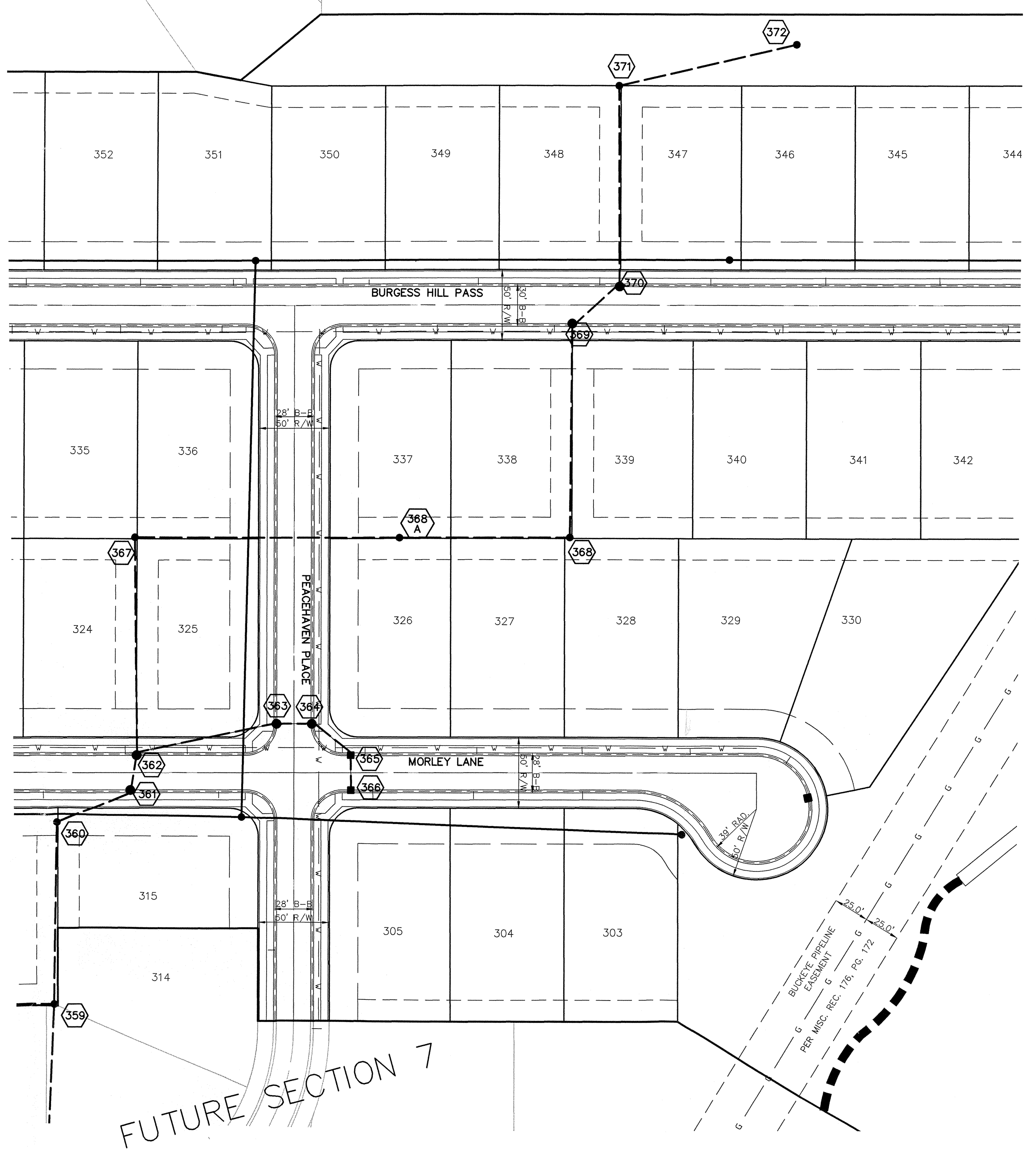
DATE 1/17/06



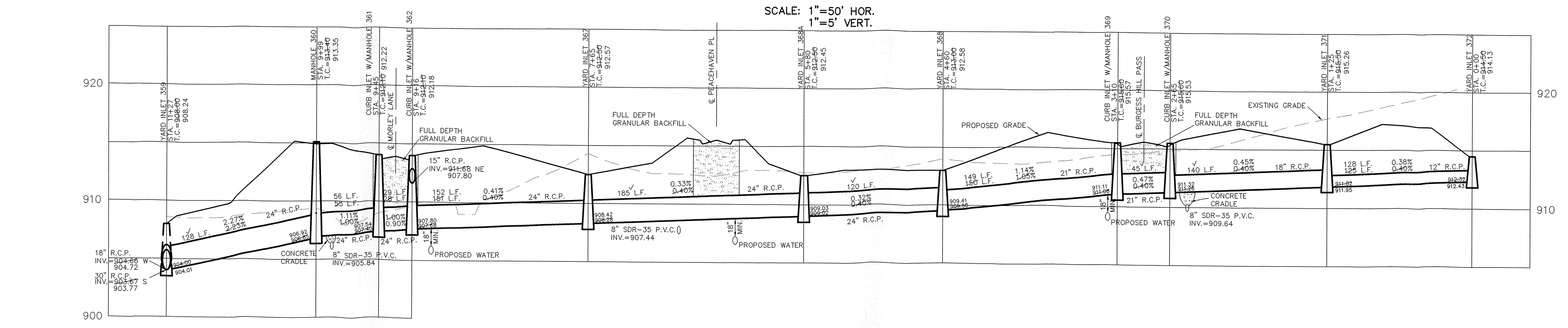
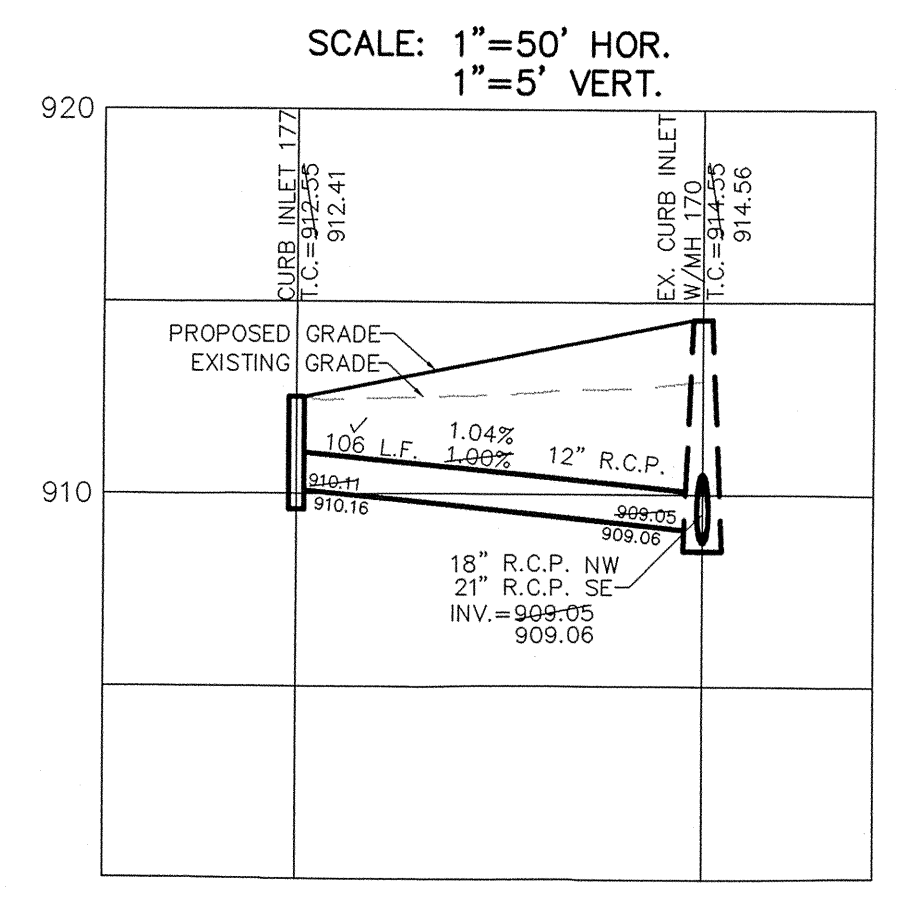
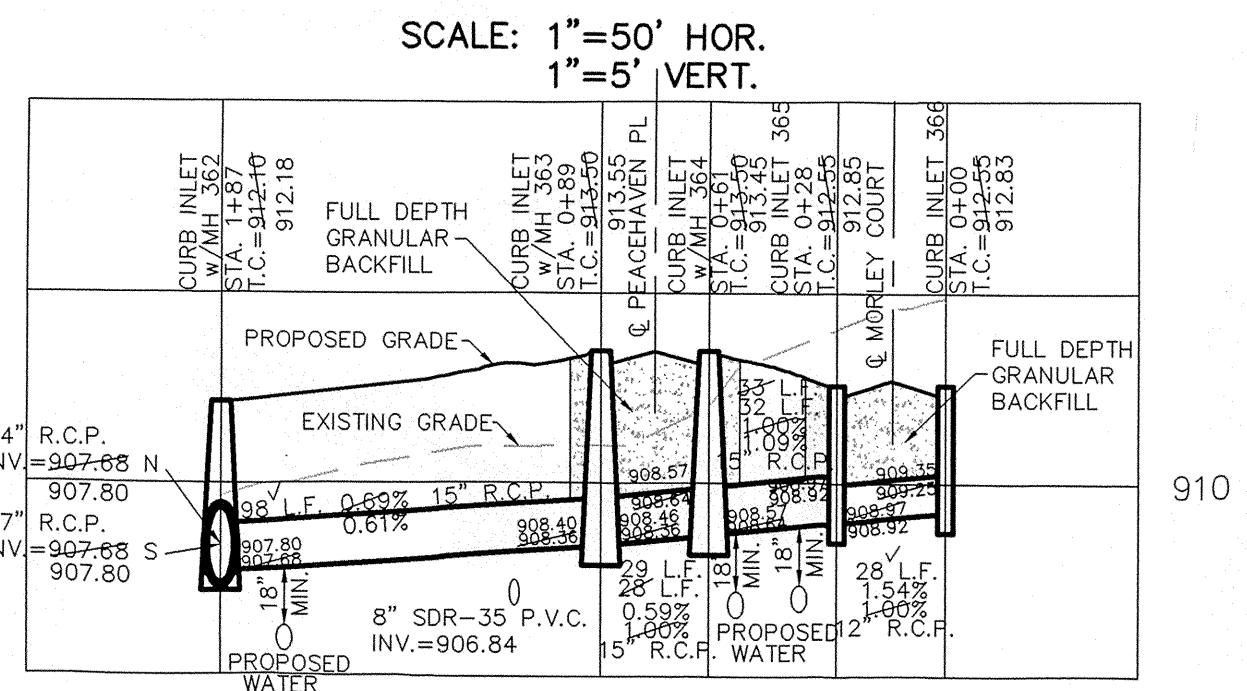
NOTE: ALL STORM STRUCTURES TO RECEIVE SOLID LID CASTINGS ARE TO BE CONSTRUCTED TO PROVIDE 1"-4" RISER RING NO MORE, NO LESS TO ACHIEVE PLAN RIM GRADE.

ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO 0.20' OF PLAN GRADE.

ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY"



SCALE: 1" = 50'



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Entry Date: 2-1-07  
 Entered By: SLM

DRAWN BY: [Blank] CHECKED BY: [Blank] DATE: 5/18/05

DESIGNED BY: [Blank] DATE: 5/18/05

SCALE: 1" = 50'

AS BUILT: [Blank] DATE: 6/16/05

REVISIONS: [Blank]

CERTIFIED: 5/18/05

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INDIANA

WESTFIELD

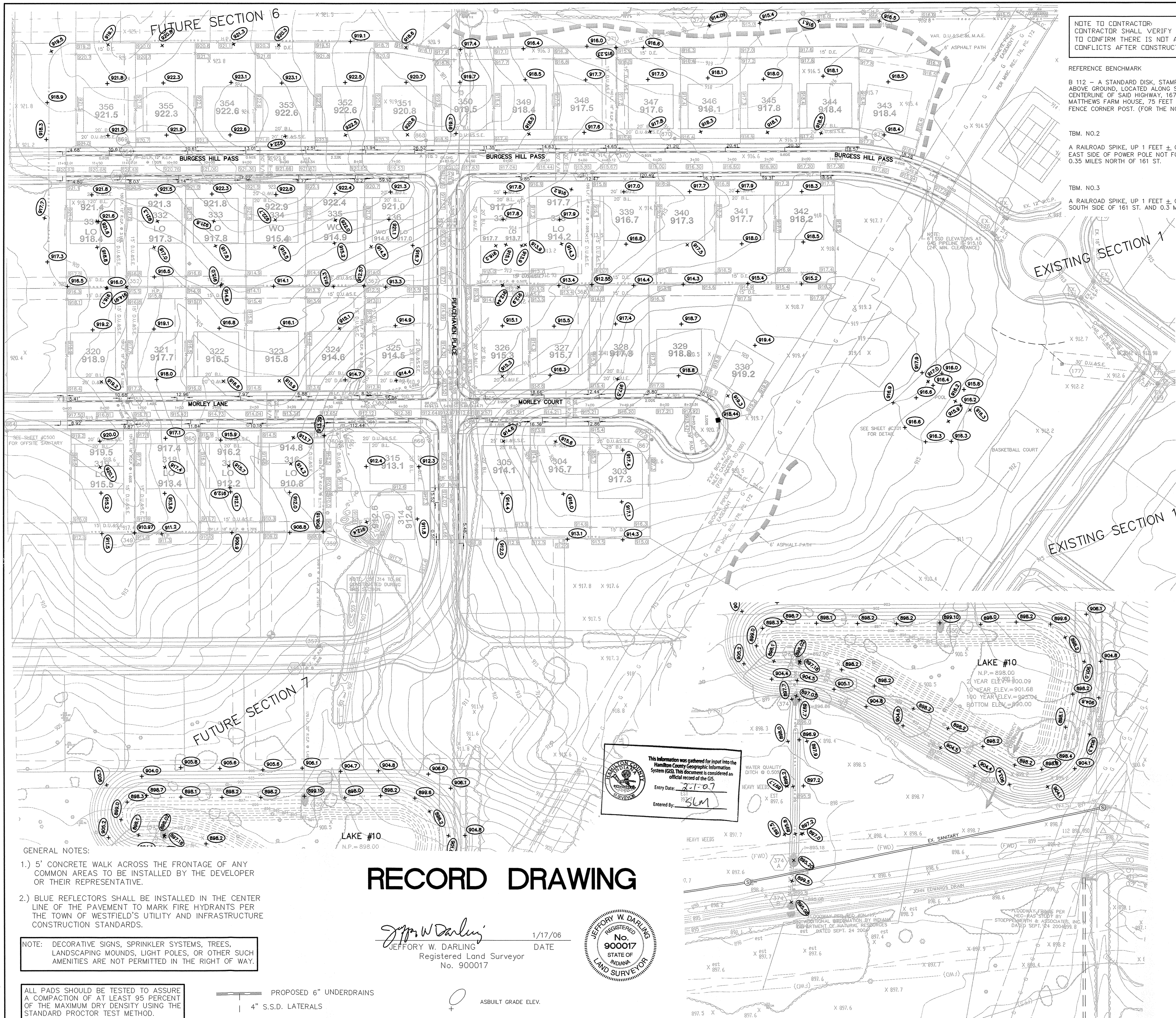
MAPLE KNOLL, SECTION FIVE

INDIANA

STORM PLAN & PROFILES

SHEET NO. C601

JOB NO. 3467655

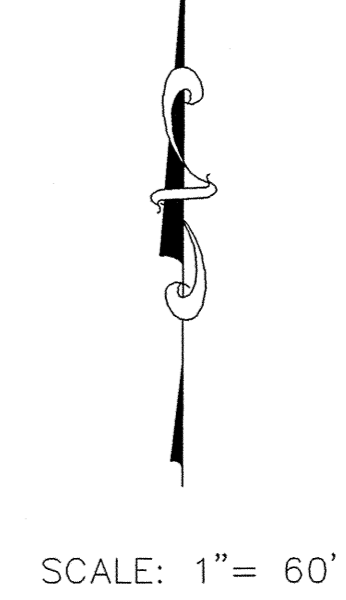


NOTE TO CONTRACTOR:  
CONTRACTOR SHALL VERIFY DEPTHS OF ALL EXISTING ONSITE UTILITIES PRIOR TO CONSTRUCTION TO CONFIRM THERE IS NOT ANY CONFLICTS WITH OTHER UTILITIES, STORM SEWERS OR STREETS. CONFLICTS AFTER CONSTRUCTION BEGINS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY.

REFERENCE BENCHMARK  
B 112 - A STANDARD DISK, STAMPED "B 112 1946" AND SET IN THE TOP OF A CONCRETE POST PROJECT 5" ABOVE GROUND, LOCATED ALONG S.R. 32 AND 0.25 MILES EAST OF CASEY ROAD, 24 FEET NORTH OF THE CENTERLINE OF SAID HIGHWAY, 167 FEET EAST OF THE CENTERLINE OF THE DRIVEWAY LEADING TO H.J. MATTHEWS FARM HOUSE, 75 FEET SOUTHEAST OF THE SOUTHEAST CORNER OF A BARN, 4 FEET EAST OF A FENCE CORNER POST. (FOR THE NGS DATA SHEET VISIT: WWW.NGS.NOAA.GOV/CGI-BIN/DATASHEET.PRL)  
ELEVATION: 924.24 (NAVD 88)

TBM. NO.2  
A RAILROAD SPIKE, UP 1 FEET ± ON THE WEST SIDE OF A POWER POLE (THERE IS A RAILROAD SPIKE ON THE EAST SIDE OF POWER POLE NOT FOR THIS JOB), LOCATED ALONG THE WEST SIDE OF SPRINGMILL ROAD AND 0.35 MILES NORTH OF 161 ST.  
ELEVATION: 905.63' (NAVD 88)

TBM. NO.3  
A RAILROAD SPIKE, UP 1 FEET ± ON THE NORTH SIDE OF POWER POLE # 060-700, LOCATED ALONG THE SOUTH SIDE OF 161 ST. AND 0.5 MILES WEST SIDE OF SPRINGMILL ROAD.  
ELEVATION: 913.16' (NAVD 88)

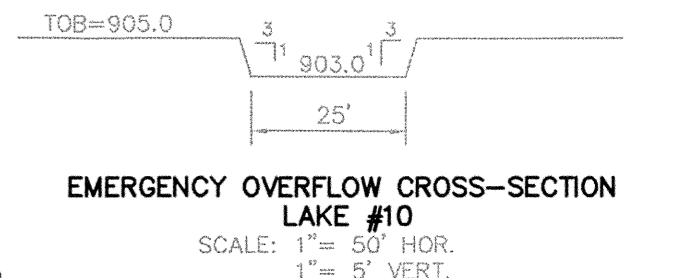


- LEGEND**
- 810 — EXISTING CONTOUR
  - 0 — EXISTING SANITARY SEWER
  - 0 — EXISTING STORM SEWER
  - 818.0 PROPOSED GRADE
  - 848 — PROPOSED CONTOUR
  - 0 — PROPOSED SANITARY SEWER
  - 0 — PROPOSED STORM SEWER
  - 0 — PROPOSED SWALE
  - 0 — PROPOSED 5' SIDEWALK (BY HOME BUILDER)
- L.O.** DENOTES "LOOK-OUT" LOTS  
**700** LOT NUMBER  
**897.4** PAD ELEVATION  
PAD SIZE 55'x60'  
**T.O.W.** DENOTES MIN. TOP OF WALL GRADE

**AS BUILT**

**STORM CHART**

| STR. NO. | TYPE                  | T.C. / RIM | INVERT | DIRECTION |
|----------|-----------------------|------------|--------|-----------|
| 349      | YARD INLET            | 911.05     | 907.11 | N         |
| 350      | CURB INLET w/MH       | 916.25     | 910.00 | S&NW      |
| 351      | CURB INLET w/MH       | 916.41     | 910.46 | SE&N      |
| 352      | YARD INLET            | 914.91     | 912.09 | S&N       |
| 353      | CURB INLET            | 920.41     | 916.73 | S&NE      |
| 354      | CURB INLET            | 920.37     | 917.08 | SW        |
| 355      | CONCRETE END SECTION* |            | 899.10 | N         |
| 356      | CURB INLET w/MH       | 909.30     | 901.82 | N&S       |
| 357      | CURB INLET w/MH       | 909.48     | 902.13 | NW&S      |
| 359      | YARD INLET            | 908.24     | 904.01 | N&E&S     |
| 360      | MANHOLE               | 913.35     | 906.92 | NE&S      |
| 361      | CURB INLET w/MH       | 912.22     | 907.54 | N&SW      |
| 362      | CURB INLET w/MH       | 912.18     | 907.80 | NE&S      |
| 363      | CURB INLET w/MH       | 913.55     | 908.40 | SW&SE     |
| 364      | CURB INLET w/MH       | 913.45     | 908.57 | W&SE      |
| 365      | CURB INLET            | 912.85     | 908.92 | NW&S      |
| 366      | CURB INLET            | 912.83     | 909.35 | N         |
| 367      | YARD INLET            | 912.57     | 908.42 | S&E       |
| 368      | YARD INLET            | 912.58     | 909.41 | N&W       |
| 369      | CURB INLET w/MH       | 915.57     | 911.11 | NE&S      |
| 370      | CURB INLET w/MH       | 915.53     | 911.32 | N&SE      |
| 371      | YARD INLET            | 915.26     | 911.95 | S&NE      |
| 372      | YARD INLET            | 914.13     | 912.43 | SW        |
| 373      | SPECIAL STRUCTURE     | 902.02     | 897.18 | SW        |
| 374      | CONCRETE END SECTION* |            | 897.03 | NE        |
| 374A     | CONCRETE END SECTION* |            | 895.20 | S         |
| 374B     | CONCRETE END SECTION* |            | 895.08 | N         |



**"HOLEY MOLEY" SAYS:**

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.

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

- GENERAL NOTES:**
- 5' CONCRETE WALK ACROSS THE FRONTAGE OF ANY COMMON AREAS TO BE INSTALLED BY THE DEVELOPER OR THEIR REPRESENTATIVE.
  - BLUE REFLECTORS SHALL BE INSTALLED IN THE CENTER LINE OF THE PAVEMENT TO MARK FIRE HYDRANTS PER THE TOWN OF WESTFIELD'S UTILITY AND INFRASTRUCTURE CONSTRUCTION STANDARDS.
- NOTE: DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, LIGHT POLES, OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.
- ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.

**RECORD DRAWING**

*Jeffery W. Darling*  
JEFFERY W. DARLING  
Registered Land Surveyor  
No. 900017



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
Entry Date: 2-7-07  
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CERTIFIED: 5/18/05

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INDIANAPOLIS INDIANA

*David J. Stoppelwech*  
DAVID J. STOPPELWECH  
REGISTERED  
No. 19358  
STATE OF INDIANA  
PROFESSIONAL ENGINEER

SITE DEVELOPMENT PLAN  
MAPLE KNOLL, SECTION FIVE  
WESTFIELD INDIANA

SHEET NO. C200  
JOB NO. 3467655

# RECORD DRAWING

*Jeffery W. Darling*  
JEFFERY W. DARLING  
Registered Land Surveyor  
No. 900017

1/17/06  
DATE



ASBUILT GRADE ELEV.

**NOTE TO CONTRACTOR:**  
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A RAILROAD SPIKE, UP 1 FEET ± ON THE WEST SIDE OF A POWER POLE (THERE IS A RAILROAD SPIKE ON THE EAST SIDE OF POWER POLE NOT FOR THIS JOB), LOCATED ALONG THE WEST SIDE OF SPRINGMILL ROAD AND 0.35 MILES NORTH OF 161 ST.

ELEVATION: 924.24 (NAVD 88)

**TBM. NO.3**

A RAILROAD SPIKE, UP 1 FEET ± ON THE NORTH SIDE OF POWER POLE # 060-700, LOCATED ALONG THE SOUTH SIDE OF 161 ST. AND 0.3 MILES WEST SIDE OF SPRINGMILL ROAD.

ELEVATION: 913.16' (NAVD 88)



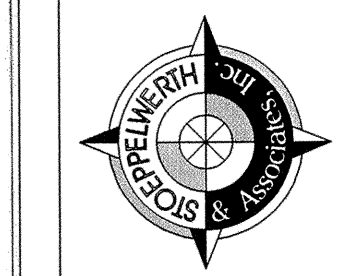
SCALE: 1" = 30'



| REVISED PER WORK COMMENTS            | DATE     | MARK | REVISIONS |
|--------------------------------------|----------|------|-----------|
| REVISED PER W.P. COMMENTS            | 11/14/05 |      |           |
| ADD SITE DISTANCES                   | 10/07/05 |      |           |
| REVISED STREET PER GAS MAIN CONFLICT | 10/07/05 |      |           |
| ADD CONCRETE SLAB OVER PIPELINE      | 10/07/05 |      |           |
| REVISE PER DEVELOPER                 | 9/27/05  |      |           |
| REVISED PER TAC COMMENTS             | 8/28/05  |      |           |

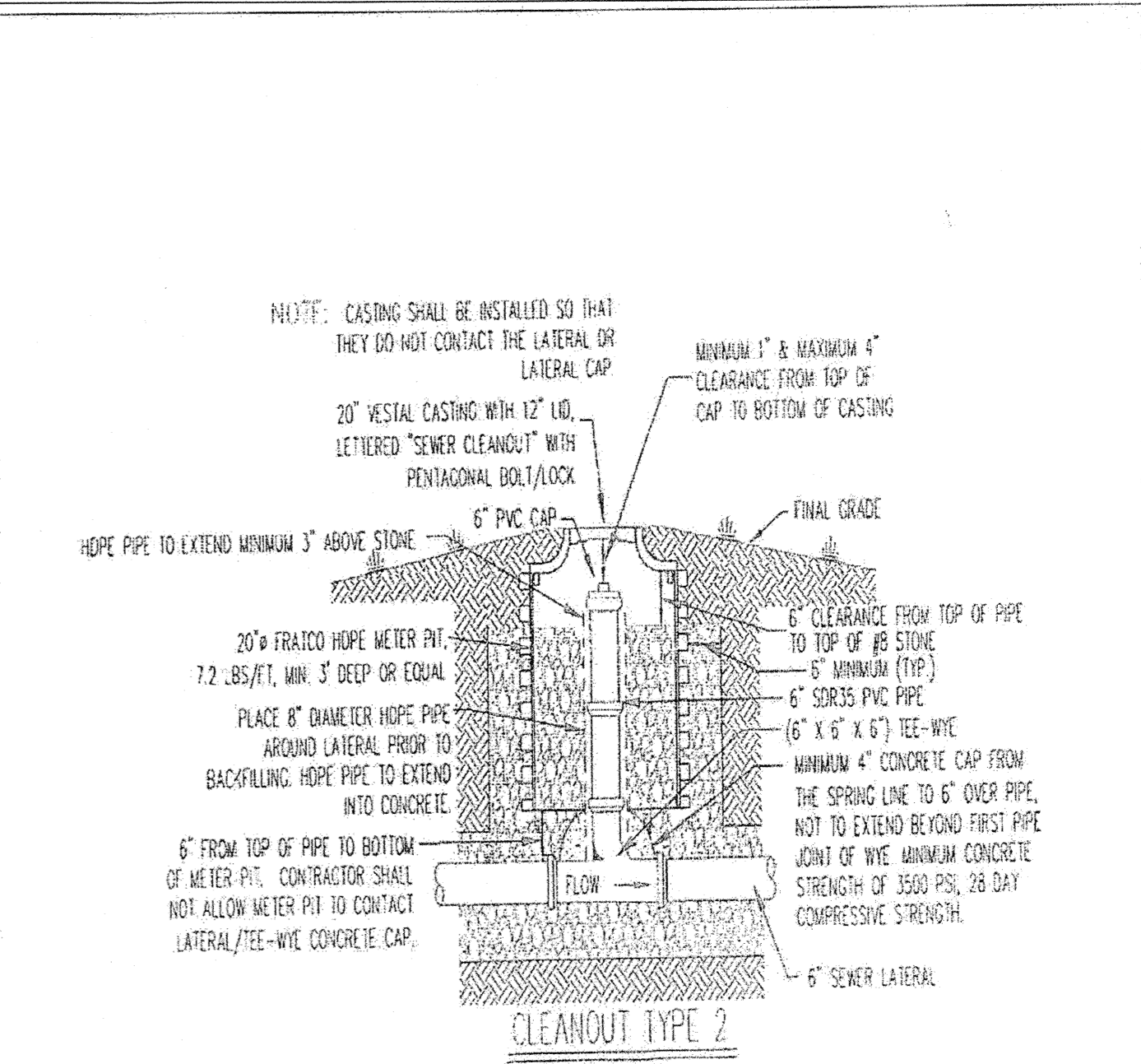
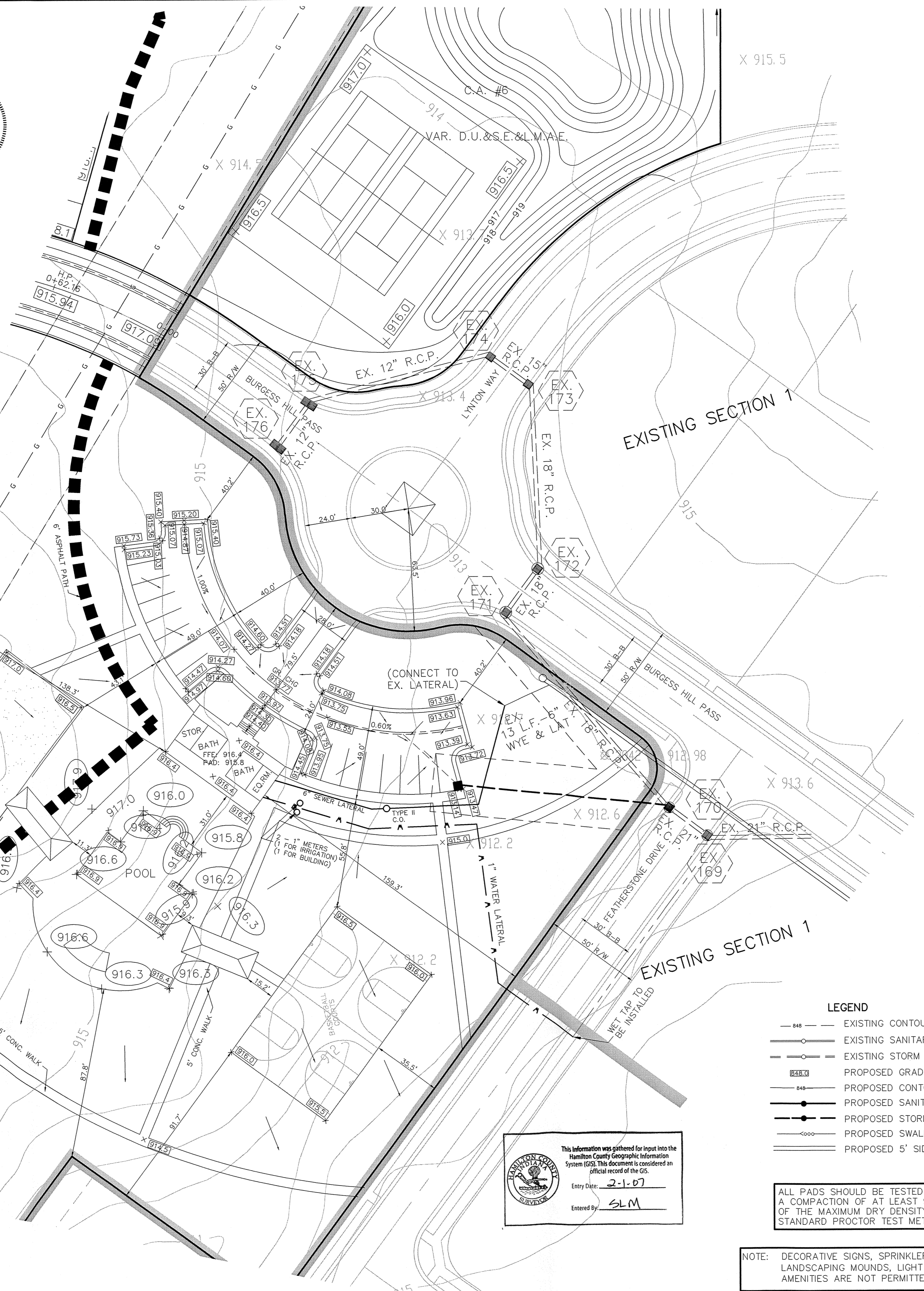
CERTIFIED: 5/18/05  
David J. Stoepfel  
Professional Engineer

CONSULTING ENGINEERS - LAND SURVEYORS  
INDIANAPOLIS, INDIANA  
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SITE DEVELOPMENT PLAN  
MAPLE KNOLL, SECTION FIVE  
WESTFIELD, INDIANA

SHEET NO.  
**C201**  
JOB NO. 34676S5



- LEGEND
- - - - - EXISTING CONTOUR
- - - - - EXISTING SANITARY SEWER
- - - - - EXISTING STORM SEWER
- --- PROPOSED GRADE
- - - - - PROPOSED CONTOUR
- - - - - PROPOSED SANITARY SEWER
- - - - - PROPOSED STORM SEWER
- - - - - PROPOSED SWALE
- --- PROPOSED 5' SIDEWALK (BY HOME BUILDER)

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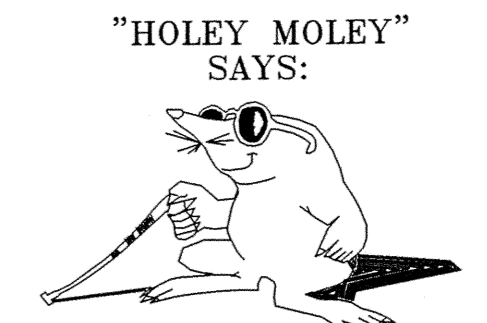
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NOTE: DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, LIGHT POLES, OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.

\* WHEN REQUIRED BY WESTFIELD PUBLIC WORKS



CLEAN OUT TYPE 2  
TOWN OF WESTFIELD, INDIANA  
FIGURE S-15



"HOLEY MOLEY" SAYS:  
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1-800-428-5200  
FOR CALLS OUTSIDE OF INDIANA

**CAUTION**  
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