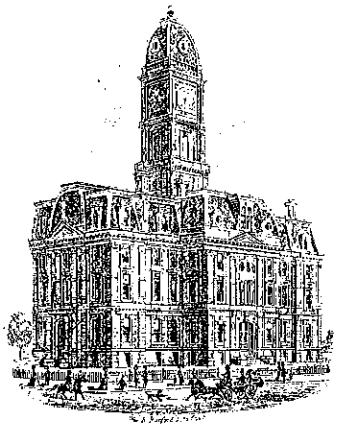

SURVEYOR'S OFFICE

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

March 2, 2010

TO: Hamilton County Drainage Board

RE: Little Eagle Creek Drain, Maple Knoll Section 4B Arm

Attached is a petition filed by Platinum Properties, LLC along with plans, calculations, quantity summary and assessment roll for the Maple Knoll Section 4B Arm, Little Eagle Creek 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	2,845 ft.	21" RCP	329 ft.
12" RCP	314 ft.	Open Ditch	595 ft.
15" RCP	139 ft.	12" CMP	25 ft.

The total length of the drain will be 4,247 feet.

The open ditch listed above is the open ditch between Str. 182A and 182B and 182C and the existing 12" CMP surface water pipe into the John Edwards Ditch.

The depressional storage area (basin between Str. 182A and 182B) located in common area #27B is not to be considered part of the regulated drain. The maintenance shall include the inlet, outlet, and sediment removal between, as part of the regulated drain. The maintenance of the basin such as mowing and aquatic vegetation control will be the responsibility of the Homeowners Association. The Board however, will retain jurisdiction for ensuring the storage volume for which the basin was designed will be retained. Thereby, allowing no fill or easement encroachments.

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The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs. 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 and platted lots, with a $65.00 minimum, and $10.00 per acre for roadways. With this assessment the total annual assessment for this drain/this section will be $1,888.30.

The petitioner has not submitted surety for the proposed drain at this time. Surety shall be submitted prior to the commencement of construction of Maple Knoll Section 4B.

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.

Since platting will occur at an undetermined time in the future, I recommend that Board approve the non-enforcement request when it is submitted to the Board in the future. The request will be for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Maple Knoll Section 4B to be recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for May 24, 2010.

Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/llm

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FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Little Eagle Creek Drain, Maple Knoll Section 4B Arm

On this **24th** ***day of May 2010,*** the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the ***Little Eagle Creek Drain, Maple Knoll Section 4B 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:

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BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Little Eagle Creek Drain, Maple Knoll Section 4B

NOTICE

To Whom It May Concern and:_____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Little Eagle Creek Drain, Maple Knoll Section 4B** on **May 24, 2010** at **9:15 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana, and which construction and maintenance reports of the Surveyor and the Schedule of Assessments made by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

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BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF THE

Little Eagle Creek Drain, Maple Knoll Section 4B Arm

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **May 24, 2010** has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this code within twenty (20) days from the date of this publication, the order shall be conclusive.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

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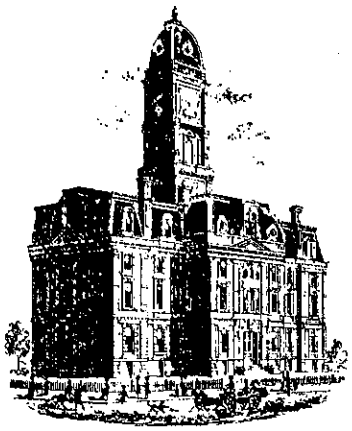
KCW



SURVEYOR'S OFFICE

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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 **May 17, 2011**

Re: Little Eagle Creek Drain: Maple Knoll Section 4B

Attached are as-builts, certificate of completion & compliance, and other information for Maple Knoll Section 4B. 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 March 2, 2010. The report was approved by the Board at the hearing held May 24, 2010. (See Drainage Board Minutes Book 12, Pages 560-561)
The changes are as follows: The 6" SSD was shortened from 2845 feet to 2790 feet. The 12" RCP was lengthened from 314 feet to 339 feet. The 15" RCP was shortened from 139 feet to 138 feet. The 21" RCP was shortened from 329 feet to 326 feet. The open ditch was lengthened from 595 feet to 610 feet. The length of the drain due to the changes described above is now **4228 feet**.

The non-enforcement was approved by the Board at its meeting on August 23, 2010 and recorded under instrument #2011006749. The following sureties were guaranteed by ITC Acceptance Company and released by the Board on its May 23, 2011 meeting.

Bond-LC No: 72710.2
Insured For: Storm Sewers
Amount: $50,058.00
Issue Date: July 27, 2010

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

Sincerely,

Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm

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CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: **Maple Knoll, Section 4B**

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.
5. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been correctly represented on the Record Drawings, Digital Record Drawings and the Structure Data Spreadsheet.

Signature: _____ Date: **November 5, 2010**

Type or Print Name: **Dennis D. Olmstead**

Business Address: **Stoeppelwerth & Associates, Inc.**

9765 East 106th Street, Fishers, Indiana 46038

Telephone Number: **(317) 849-5935**

SEAL

INDIANA REGISTRATION NUMBER

900012

DENNIS D. OLMSTEAD
REGISTERED
No.
900012
STATE OF
INDIANA
LAND SURVEYOR

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RECORD DRAWING

SECTION 4B ONLY

DENNIS D. OLMSTEAD
Registered Land Surveyor
No. 900012

11/6/2010
DATE

DENNIS D. OLMSTEAD REGISTERED No. 900012 STATE OF INDIANA LAND SURVEYOR

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 M.H. 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 ONE 4" RISER RING NO MORE, NO LESS TO ACHIEVE PLAN RIM GRADE.

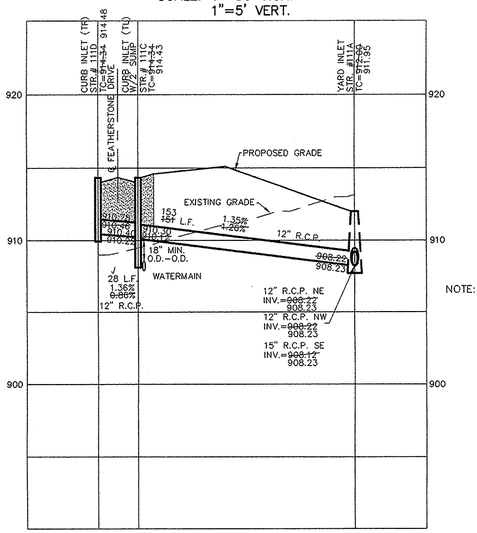
ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO −0.20' OF PLAN GRADE.

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

ALL STORM CROSSINGS IN RIGHT OF WAY WITH LESS THAN 30" COVER TO FINISH PAVEMENT GRADE WILL BE BACKFILLED WITH #8 STONE

ALL SSD'S (SUBSURFACE DRAINS) WILL NEED TO BE DOUBLE WALL SMOOTH BORE PERFORATED (HDPE) PIPE.

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



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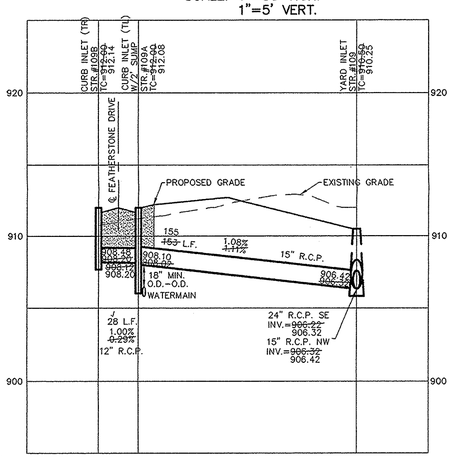
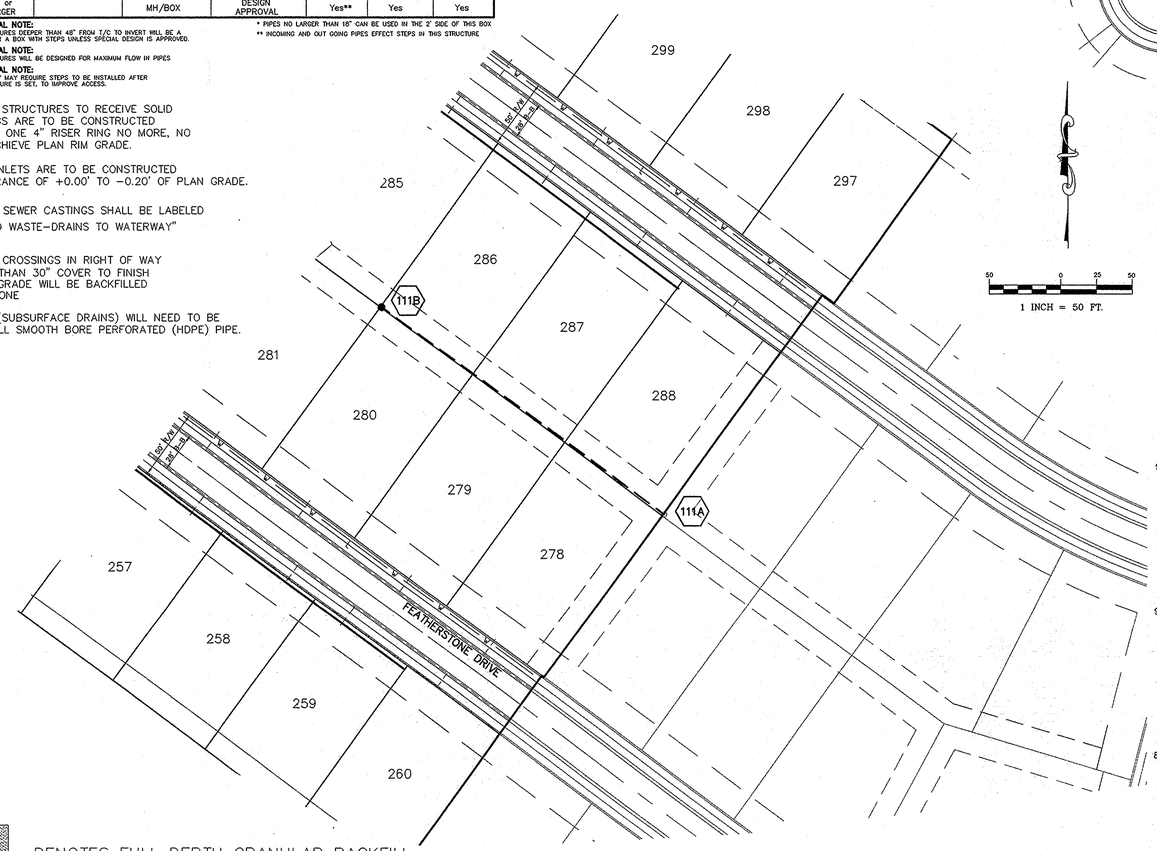
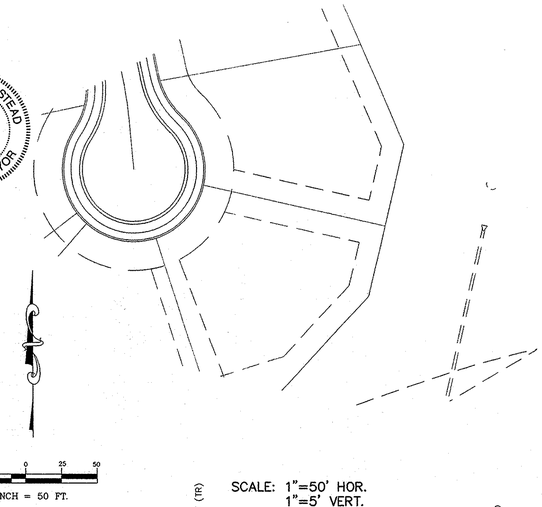




DENOTES FULL DEPTH GRANULAR BACKFILL



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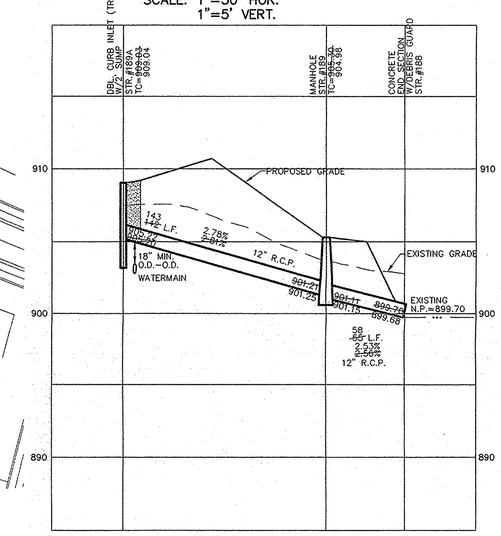

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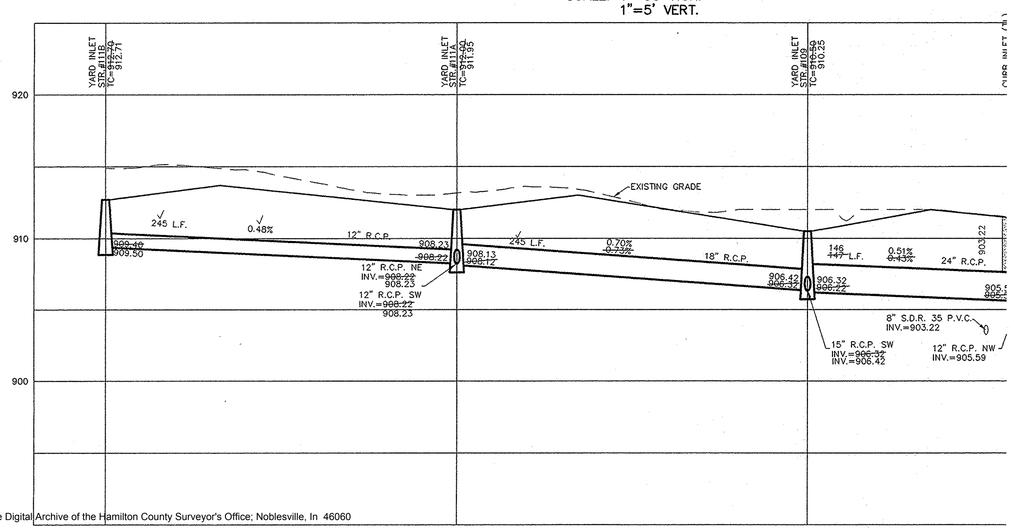

DATUM ELEV
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SCALE: 1"=50' HOR.
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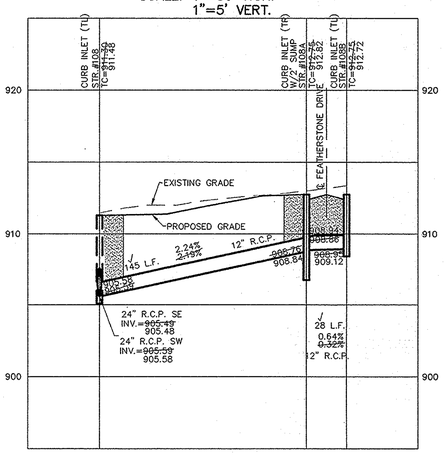

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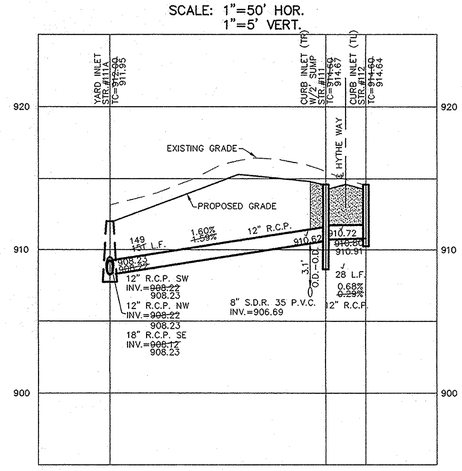

MARK	REVISIONS	DATE	BY
	ASBUILTS	11/9/10	KRG
	REVISED LOT NUMBERS	11/7/10	KRG
	AND SPLIT INTO SECTIONS 4A & 4B	6/29/09	KRG
	REV. PER TAC COMMENTS		

JAMES O. RINEHART REGISTERED No. 10200495 STATE OF INDIANA PROFESSIONAL ENGINEER

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR BOUNDARY SURVEY, NOR AN ON SITE SURVEY OR A SURVEYOR LOCATION REPORT.

CERTIFIED: 6/2/09

STOEPPELWERTH & ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
7965 East 106th Street, Fishers, IN 46038-2505
Phone: (317) 849-5935 Fax: (317) 849-5942
Toll Free: (800) 728-6917

STORM PLAN & PROFILE

MAPLE KNOLL
SECTION FOUR B

WASHINGTON TOWNSHIP, WESTFIELD — HAMILTON COUNTY, INDIANA

DRAWN BY:	CHECKED BY:
CRM/TWF	BKR

SHEET NO.
C600

S & A JOB NO.
34676PLA-S4

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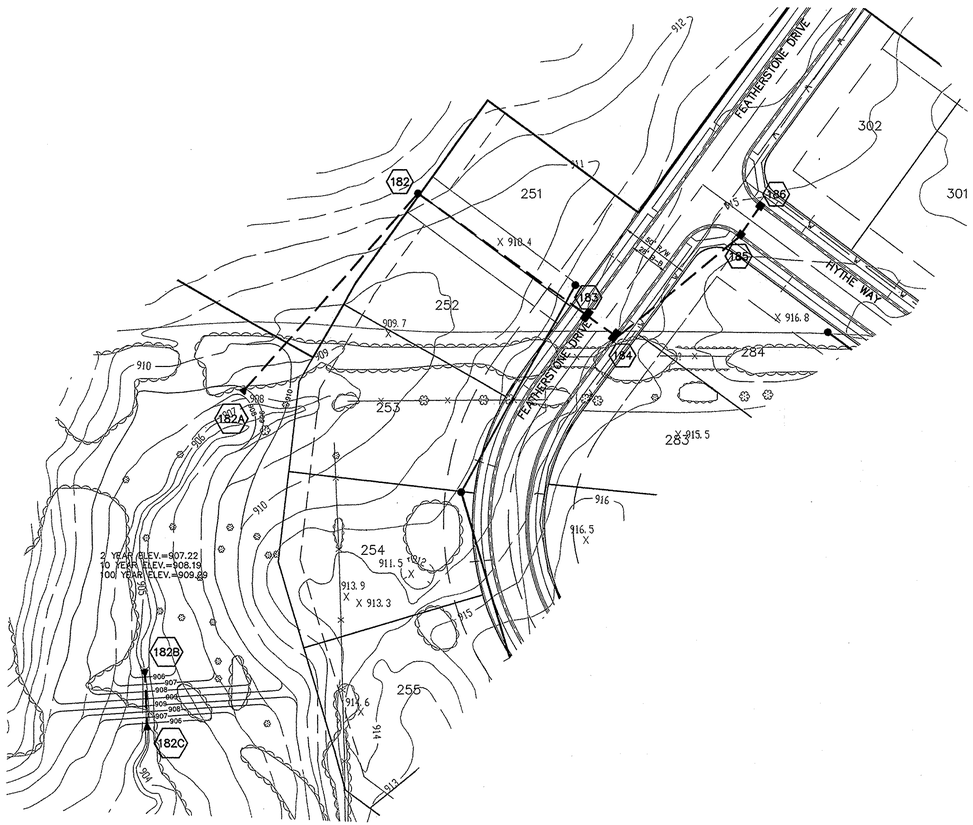

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DENOTES FULL DEPTH GRANULAR BACKFILL

1 INCH = 50 FT.

RECORD DRAWING

SECTION 4B ONLY

DENNIS D. OLMSTEAD
Registered Land Surveyor
No. 900012

11/16/2010
DATE

DENNIS D. OLMSTEAD REGISTERED No. 900012 STATE OF INDIANA LAND SURVEYOR

CURB INLET TABLE

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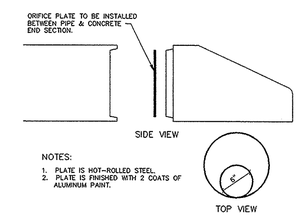
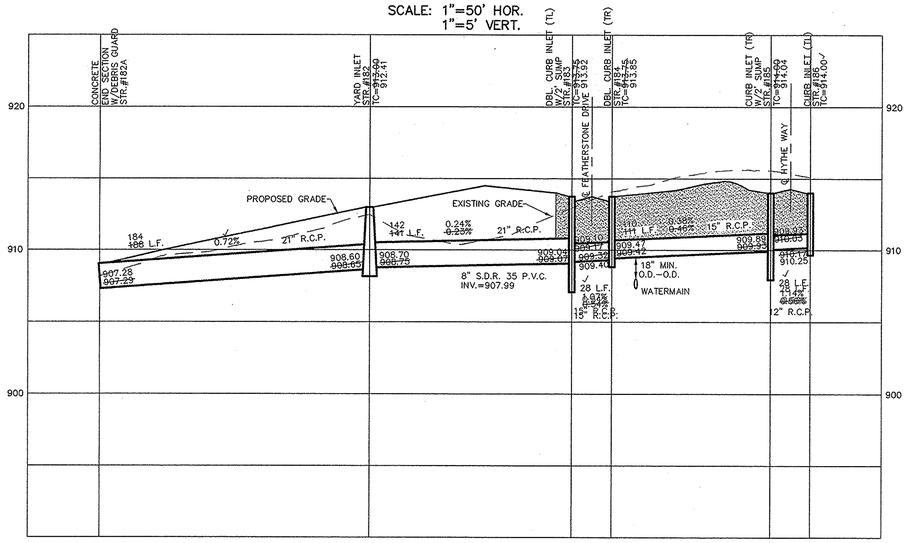


NOTES:
1. PLATE IS HOT−ROLLED STEEL.
2. PLATE IS FINISHED WITH 2 COATS OF ALUMINUM PAINT.

ORIFICE PLATE DETAIL

NOT−TO−SCALE

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



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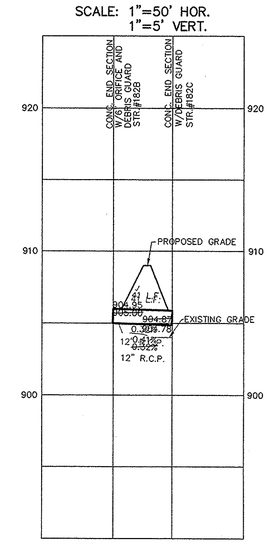

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