

"FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

T. J. Patterson Drain, Sta. 45+00 to Sta. 45+64

On this *24th day of July 2006*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *T. J. Patterson Drain, Sta. 45+00 to Sta. 45+64*.

Evidence has been heard. Objections were presented and considered. The Board then adopted an order of action. The Board now finds that the costs of continued maintenance to the portion of the above drain exceed the benefits to the real estate benefited by the portion of the drain to be abandoned and issues this order vacating the above section of the *T. J. Patterson Drain*.

HAMILTON COUNTY DRAINAGE BOARD

Steven C. Dillinger
President

Christine Altman
Member

Steven A. Holt
Member

Attest: Lynette Mosbaugh "

A. J. Myers Drain - Relocation & Shed Line Change:

There were neither landowners present nor objections on file.

The Surveyor presented the his report to the Board for approval.

"To: Hamilton County Drainage Board

June 14, 2006

Re: AJ Meyers Drain

Attached is a petition and plans for the proposed relocation of the AJ Meyers Drain. The relocation is being proposed by Pulte Homes of Indiana. The proposal is to relocate the drain across parcel 13-12-29-00-00-007.001, parcel 13-12-29-00-00-009.001 and Atlantic Road right-of-way as part of the Britton Falls project per plans be Driesenga and Associates, Inc., Job No. 0560063.1A, revision date 4/13/2006. Per the plans, storm water will be diverted north and upstream of the current outlet point and discharge into Thorpe creek near 136th and Atlantic Road. The existing drain downstream of Sta. 66+55 will remain to drain Cyntheanne Road and downstream properties.

This line will consist of the following:

2 30" RCP 3,521 ft. Open Ditch 225 ft. Temporary Open Ditch 73 ft

The total length of the new drain shall be 3,652 feet between Sta. 10+00 and Sta. 45+53 as shown on the above referenced plan. The 6655 feet of original drain between Sta. 0+00 and 66+55 shall be vacated. This proposal will subtract 3,003 feet from the drain's total length.

In addition, running parallel to the storm sewer is an emergency overflow swale with subsurface drain that is designed to convey the 100-year runoff from upstream areas.

The 73 feet of temporary ditch between Str. 110 of the new drain and Sta. 0+00 of the original drain will be reconstructed under a separate petition. That proposal will pipe the temporary ditch from Str. 11 to Str. 110 on the west side of Atlantic Road per my report dated June 14, 2006.

The cost of the relocation is to be paid by Pulte Homes of Indiana. The developer has provided the Performance Bond as follows:

Name of Bonding Co.: Safeco Insurance Co. of Indiana
 Bond #: 6414691
 Bond Date: May 23, 2006
 Bond Amount: \$430,242.00

Attached is a non-enforcement and legal description. The easement for the new drain will be the entirety of parcels 13-12-29-00-00-007.001 and 13-12-29-00-00-009.001 as shown in the Hamilton County Auditor's office. I recommend that the Board approve the non-enforcement request.

I recommend that this drain be classified as an urban drain. This drain may be assessed to the Martha Ford Drain or Thorpe Creek Drain in the future.

The project falls under the requirements as set out in IC 36-9-27-52.0. Therefore, a hearing is required for the petition. I recommend that the Board set a hearing date for July 24, 2006.

Sincerely,

Kenton C. Ward, CFM
 Hamilton County Surveyor

KCW/stc"

Dillinger opened the public hearing; seeing no one present Dillinger closed the public hearing.

Altman made the motion to approve the Surveyor's report, seconded by Holt and approved unanimously.

The Surveyor presented a non-enforcement request for Britton Falls Subdivision to the Board for approval.

Holt made the motion to approve the non-enforcement request, seconded by Altman and approved unanimously.

"FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

A. J. Myers Drain, Britton Falls Relocation

On this 24th day of July 2006, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **A. J. Myers Drain, Britton Falls Relocation**.

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

Steven C. Dillinger
 President

Christine Altman
 Member

Steven A. Holt
 Member

Attest: Lynette Mosbaugh "



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

June 14, 2006

To: Hamilton County Drainage Board

Re: A J Myers Drain

Attached is a 52.0 petition and plans for the proposed relocation of the A J Myers Drain. The relocation is being proposed by Pulte Homes of Indiana. The proposal is to relocate the drain across Atlantic Road right-of-way and parcel 13-12-29-00-009.001 as part of the Britton Falls project per plans by Driesenga and Associates, Inc., Job No. 0560063.1A, revision date 4/13/2006. Per the plans, storm water will be intercepted on the east side of Atlantic Road at Str. 111 and piped to Str. 110 on the west side of Atlantic Road. This 52.0 petition is for that portion of the relocation project that crosses Atlantic Road from Str. 111 to Str. 110.

This ties into the storm line proposed under a separate A J Myers Drain relocation petition (52.5) that is designed to divert storm water north to a point upstream of the current outlet point and discharge into Thorpe creek 50 feet south of 136th and 390 feet west of Atlantic Road. Due to the relocation approved under the 52.5 hearing and this 52.0 petition we will now fully assess parcels 13-12-20-00-009.001 and 13-12-29-00-00-007.001.

This line will consist of the following:

94' of (2) 30" RCP

The total length of the new drain shall be 94 feet. The 73 feet of drain (temporary ditch) per my report dated June 9, 2006 between Sta. 0+00 (original drain) and Str. 110 of the new drainage system shall be reconstructed. This proposal will add 21 feet to the drain's total length.

The cost of the relocation is to be paid by Pulte Homes of Indiana. The developer has provided the Performance Bond as follows:

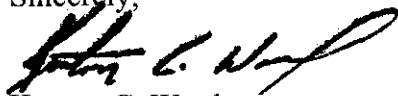
Name of Bonding Co.: Safeco Insurance Co. of Indiana
Bond #: 6414691
Bond Date: May 23, 2006
Bond Amount: \$430,242.00

Attached is a Non-enforcement and legal description. The easement for the new drain will be entirety of parcel 13-12-29-00-00-009.001 as recorded in the Hamilton County Recorder's office and includes the right-of-way of Atlantic Road.

I recommend that this drain be classified as an urban drain. This drain may be assessed to the Martha Ford Drain or Thorpe Creek Drain in the future.

The project falls under the requirements as set out in IC 36-9-27-52.0. Therefore, a hearing is required for the petition. I recommend that the Board set a hearing date for July 24, 2006.

Sincerely,



Kenton C. Ward
Hamilton County Surveyor

KCW/stc

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

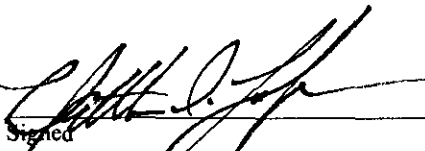
IN RE: A.J. Meyers Legal Drain)
Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

Pulte Homes of Indiana, LLC (hereinafter "Petitioner"),
hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a
section of the A.J. Meyers Legal Drain, and in support of
said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the A.J. Meyers Legal
Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains,
sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and
reconstruction of a portion of the A.J. Meyers Legal Drain, as
specifically shown on engineering plans and specifications filed with the Hamilton
County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at
the sole expense of the Petitioner and such work will result in substantial improvement to
the A.J. Meyers Legal Drain, without cost to other property owners
on the watershed of the A.J. Meyers Legal Drain.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County
Drainage Board authorizing relocation and reconstruction of the A.J. Meyers Legal
Drain, in conformance with applicable law and plans and specifications on file with the Hamilton
County Surveyor.


Signed
MATTHEW D. LOHMEYER
Printed

**Britton Falls – AJ Meyers Relocation
GASB 34 Calculation**

The engineer's estimate total for this project is \$358,534.50. The project itself was split into two reports and subsequent hearings. The first report dated June 9, 2006 was approved on June 26, 2006. This covered 3,652 of the project. The second report was dated June 14, 2006 and was approved on July 24, 2006. This portion covered 93' of twin 30" RCP.

The dollar amount will be split as follows:

\$358,534.50
- <u>7,626.00</u> (186ft of 30 RCP)*
\$350,908.50

Therefore, part one of the project (June 9, 2006) will be priced at \$358,534.50 and part two (June 14, 2006) will be priced at \$7626.00.

*Pricing taken from the engineer's estimate provided by Driesenga & Associates Inc. dated May 23, 2006.

FINDINGS AND ORDER

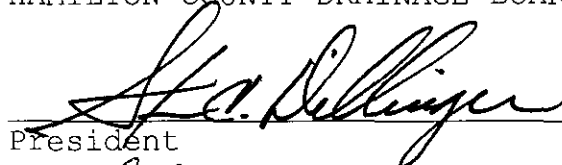
CONCERNING THE MAINTENANCE OF THE

A. J. Myers Drain, Britton Falls Relocation

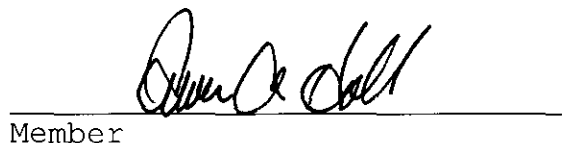
On this **24th day of July 2006**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **A. J. Myers Drain, Britton Falls Relocation**.

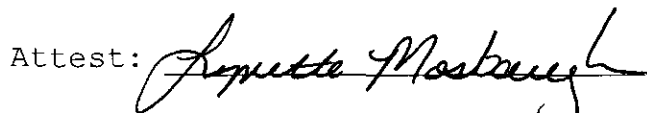
Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund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

HAMILTON COUNTY DRAINAGE BOARD


President


Member


Member

Attest: 

STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY
DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
A. J. Myers Drain, Britton Falls Relocation

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **A. J. Myers Drain, Britton Falls Relocation** came before the Hamilton County Drainage Board for hearing **on July 24, 2006**, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.


The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.


Wherefore, it is ORDERED, that the proposed Reconstruction of the **A. J. Myers Drain, Britton Falls Relocation** be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

HAMILTON COUNTY DRAINAGE BOARD

PRESIDENT


Member


Member

ATTEST: 
Executive Secretary

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

A. J. Myers Drain, Relocation

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **A. J. Myers Drain, Relocation** on **July 24, 2006**, at **10:30 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed 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

STATE OF INDIANA)
) SS BEFORE THE HAMILTON
)
COUNTY OF HAMILTON) DRAINAGE BOARD

IN THE MATTER OF **A. J. Myers Drain, Relocation & Shed Line Change**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **July 24, 2006** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

BY: Steven C. Dillinger
PRESIDENT

ATTEST: Lynette Mosbaugh
EXECUTIVE SECRETARY

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: AJ MEYER LEGAL DRAIN (BRITTON FALLS)

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.

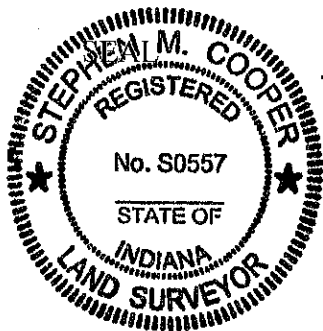
Signature:  Date: DECEMBER 1, 2009

Type or Print Name: STEPHEN M. COOPER, L.S.

Business Address: 303 WEST MAIN STREET

KNIGHTSTOWN, INDIANA 46148

Telephone Number: 765-345-5943



INDIANA REGISTRATION NUMBER

S0557

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Britton Falls - AJ Meyers Relocation along Atlantic Road

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: *Peter J. Siglow* Date: October 23, 2009

Type or Print Name: Peter Siglow

Business Address: 455 E. 8th Street, Suite 100
Holland, MI 49423

Telephone Number: 616-396-0255

SEAL



INDIANA REGISTRATION NUMBER

PE10708377



Y. G. W.

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

To: Hamilton County Drainage Board

February 19, 2010

Re: Thorpe Creek: AJ Meyers Britton Falls Relocation

Attached are as-builts, certificate of completion & compliance, and other information for AJ Meyers Britton Falls Relocation. 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 June 14, 2006. The report was approved by the Board at the hearing held July 24, 2006. (See Drainage Board Minutes Book 9, Pages 353-354)

The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn Invert:	Grade:	Changes:
111-110	96	30	RCP	851.52	850.94	0.6	2
110-109	378	30	RCP	850.94	849.5	0.38	8
109-108	395	30	RCP	849.5	848.11	0.35	-5
108-107	402	30	RCP	848.11	845.58	0.63	2
107-106	398	30	RCP	845.58	844.08	0.38	-2
106-105	402	30	RCP	844.08	842.69	0.35	2
105-104	399	30	RCP	842.64	841.39	0.31	-1
104-103	399	30	RCP	841.44	839.9	0.39	-1
103-102	363	30	RCP	839.85	838.94	0.25	-2
102-101	49	30	RCP	838.94	838.73	0.43	3
101-100	247	30	RCP	838.63	838.02	0.25	-3

RCP Pipe Totals:

30"	3528
Total:	3528

Other Totals:

Open	111
Total:	111

The length of the drain due to the changes described above is now **3639 feet**.

The non-enforcement was approved by the Board at its meeting on July 24, 2006 and recorded under instrument #'s 200600046804. The non-enforcement established the drainage easement at 30 feet per the approved drainage plans

The following sureties were guaranteed by Safeco Insurance Co. of Indiana and released by the Board on its February 8, 2010 meeting.

Bond-LC No: 6414691

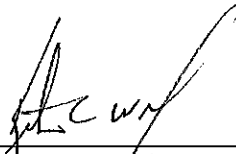
Insured For: Storm Sewers

Amount: \$430,242.00

Issue Date: May 23, 2006

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

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm

PLANS FOR THE PROPOSED
RECORD DRAWINGS

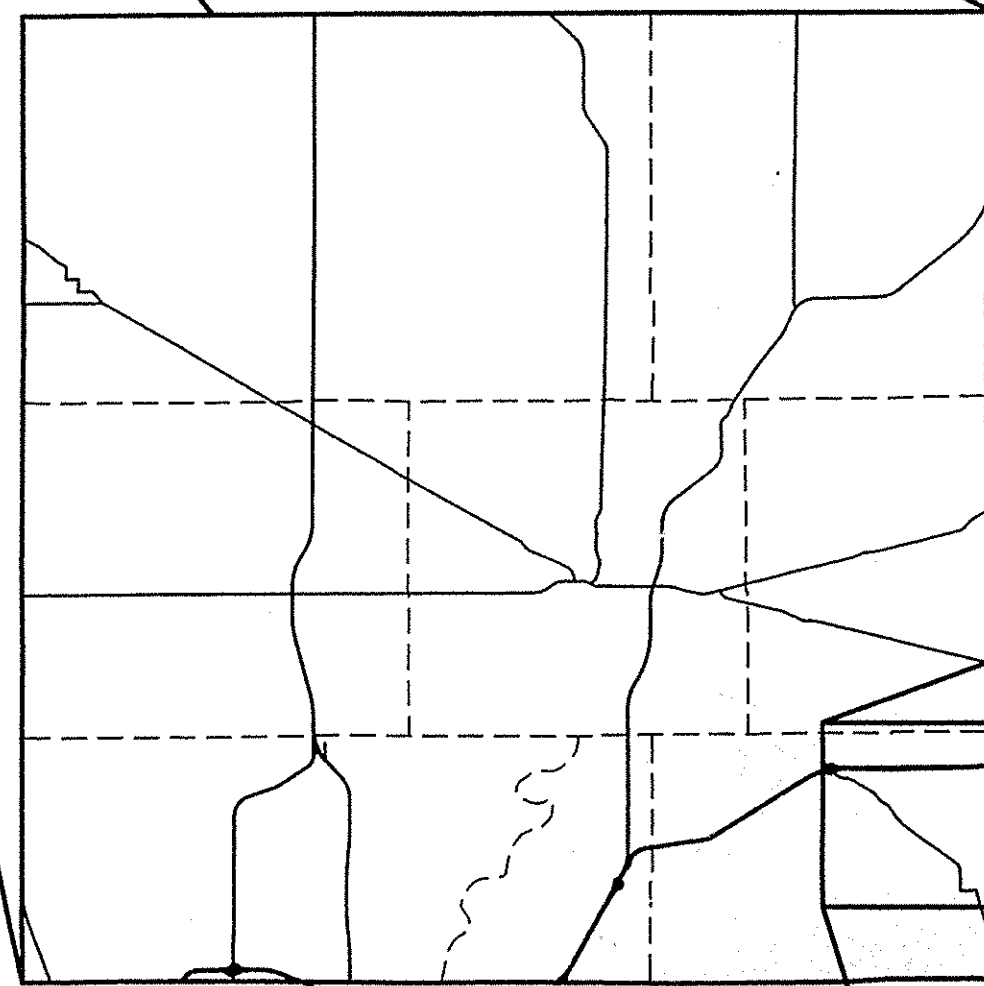
BRITTON FALLS

A.J. MEYERS LEGAL DRAIN RELOCATION

LOCATED IN SECTION 29,
T. 18 N., R. 6 E., FALL CREEK TOWNSHIP,
HAMILTON COUNTY, INDIANA



1"=50 MILES
STATE MAP



1"=4 MILES
COUNTY MAP



1"=2000'
LOCATION MAP

A.J. MEYERS
LEGAL DRAIN
RELOCATION

CERTIFICATE OF COMPLETION AND COMPLIANCE

I HEREBY CERTIFY THAT:

1. I AM FAMILIAR WITH DRAINAGE REQUIREMENTS APPLICABLE TO SUCH LAND ALTERATION (AS SET FORTH IN THE STORMWATER MANAGEMENT ORDINANCE OF HAMILTON COUNTY); AND
2. I (OR A PERSON UNDER MY DIRECT SUPERVISION) HAVE PERSONALLY INSPECTED THE COMPLETED WORK AND EXAMINED THE DRAINAGE PERMIT AND ITS CONDITIONS, AS-BUILT PLANS, AND FINAL DRAINAGE CALCULATIONS CONSISTENT WITH AS-BUILT CONDITIONS PERFORMED PURSUANT TO THE ABOVE REFERENCED DRAINAGE PERMIT; AND
3. TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, SUCH LAND ALTERATION HAS BEEN PERFORMED AND COMPLETED IN CONFORMITY WITH ALL SUCH DRAINAGE REQUIREMENTS.

DATE: October 13, 2009

Peter Siglow, P.E.
(616) 396-0255



Pet sig

SHEET INDEX

G-001	COVER SHEET
G-002	KEY MAP
CR-101 - CR-103	LEGAL DRAIN PLAN AND PROFILES
CR-501 - CR-502	LEGAL DRAIN DETAILS

Engineering
Surveying
Testing

DRIESENKA & ASSOCIATES, INC.

www.driesengas.com
Columbia, IL - 201-775-3700
Chicago, IL - 815-946-1990
Clarendon, IL - 815-341-1650
Clarendon, IL - 815-249-3800

REVISIONS

1	SUBMITTED FOR AGENCY REVIEW (02/23/09)
2	REVISED FOR HICO COMMENT LETTER (04/13/09)
3	REVISED FINAL OUTFALL LOCATION (07/23/09)
4	REVISED OVERFLOW DITCH GRADE AND LOCATION (11/20/09)
5	AS-BUILT (03-16-2009)
6	AS-BUILT REVISED (10-13-2009)

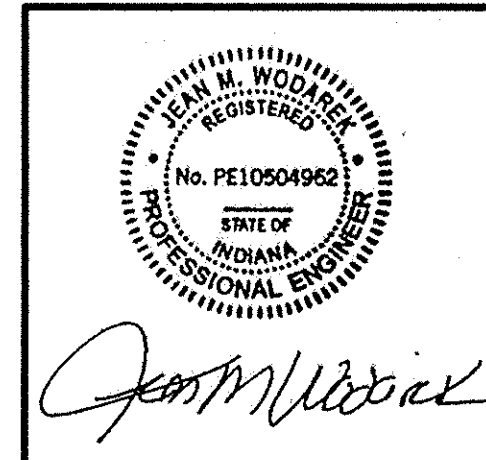
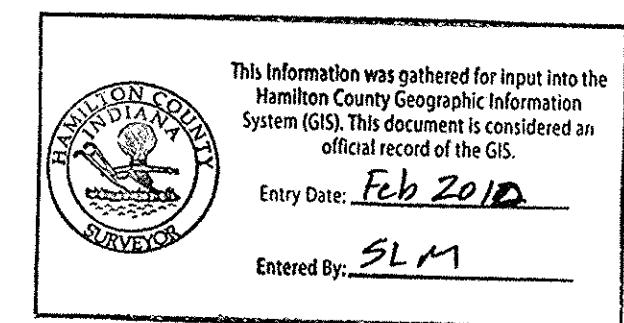
AJ MEYERS LEGAL DRAIN RELOCATION
SEC. 29, T18N, R6E, FISHERS TWP., HAMILTON CO.
PULTE HOMES OF INDIANA
11590 N MERIDIAN STREET
INDIANAPOLIS, IN 46250

TITLE SHEET

Designed By: JMR
Drawn By: JLO
Checked By: Date:
Entered By: SLM

Plot:
V: 1"=5'
H: 1"=50'
Scale:
02-01-2006
Date:
0560063.1A
Job No.:

Sheet No:
G-001



Jay Wodarski

HOLEY MOLEY SAYS
"DIG SAFELY"

"IT'S THE LAW"
CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
CALL TOLL FREE

PER INDIANA STATE LAW 129-1-26,
IT IS AGAINST THE LAW TO EXCAVATE WITHOUT
NOTIFYING THE UNDERGROUND LOCATION
SERVICE TWO (2) WORKING DAYS BEFORE
COMMENCING WORK.

STRUCTURE DATA TABLE									
STR. NO.	RIM ELEV.	INV. IN.	INV. OUT.	DEPTH	STR. SIZE	STR. TYPE	CASTING TYPE	PIPE SIZE	DIRECTION OF PIPE IN/OUT
101	845.4	838.78	838.78	6.62'	10' X 4'	MH	R-1642	(2) 30"	SE / W
102	845.6	838.94	838.94	6.66'	10' X 4'	MH	R-1642	(2) 30"	S / NW
103	848.3	840.14	840.14	8.16'	9' X 4'	MH	R-1642	(2) 30"	S / N
104	848.2	841.46	841.46	6.74'	9' X 4'	MH	R-1642	(2) 30"	S / N

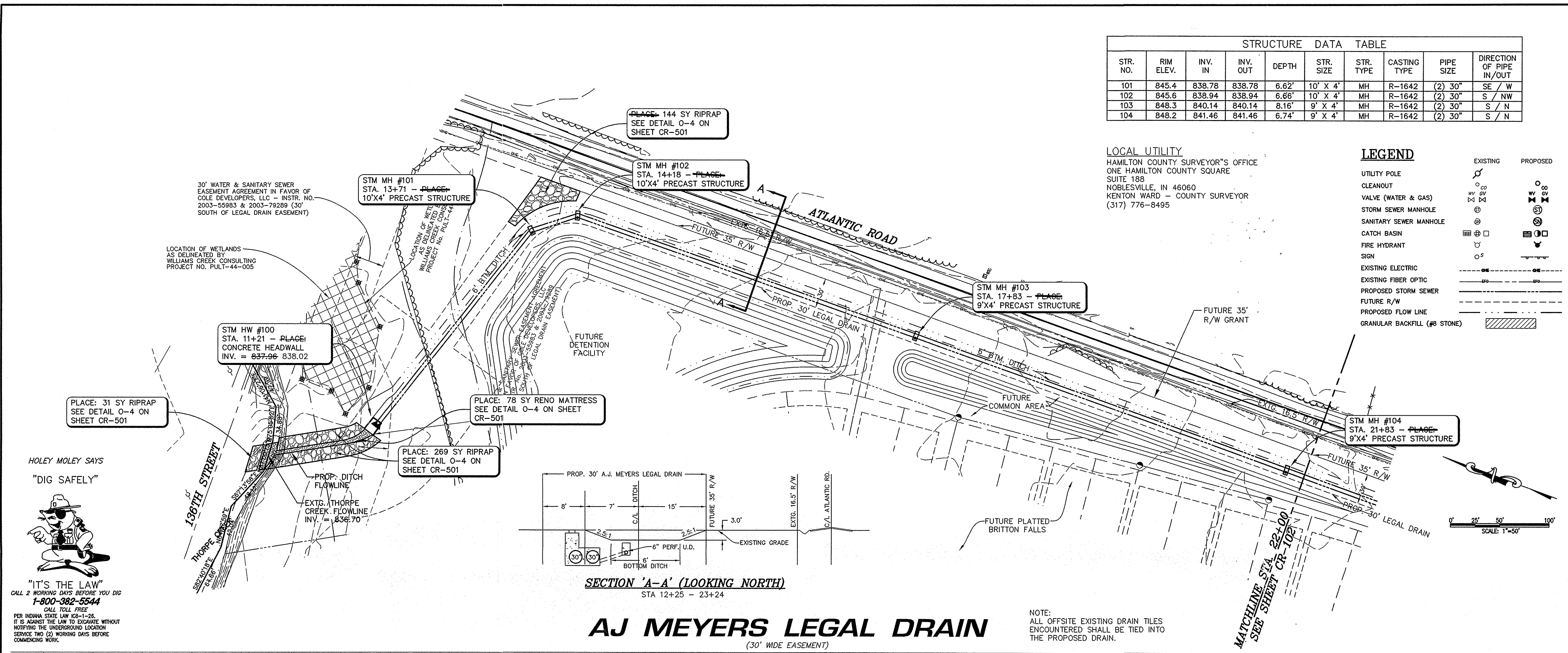
LOCAL UTILITY
 HAMILTON COUNTY SURVEYOR'S OFFICE
 ONE HAMILTON COUNTY SQUARE
 SUITE 188
 NOBLESVILLE, IN 46060
 KENTON WARD - COUNTY SURVEYOR
 (317) 776-8495

LEGEND

- UTILITY POLE
- CLEANOUT
- VALVE (WATER & GAS)
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- CATCH BASIN
- FIRE HYDRANT
- SIGN
- EXISTING ELECTRIC
- EXISTING FIBER OPTIC
- PROPOSED STORM SEWER
- FUTURE R/W LINE
- PROPOSED FLOW LINE
- GRANULAR BACKFILL (#8 STONE)

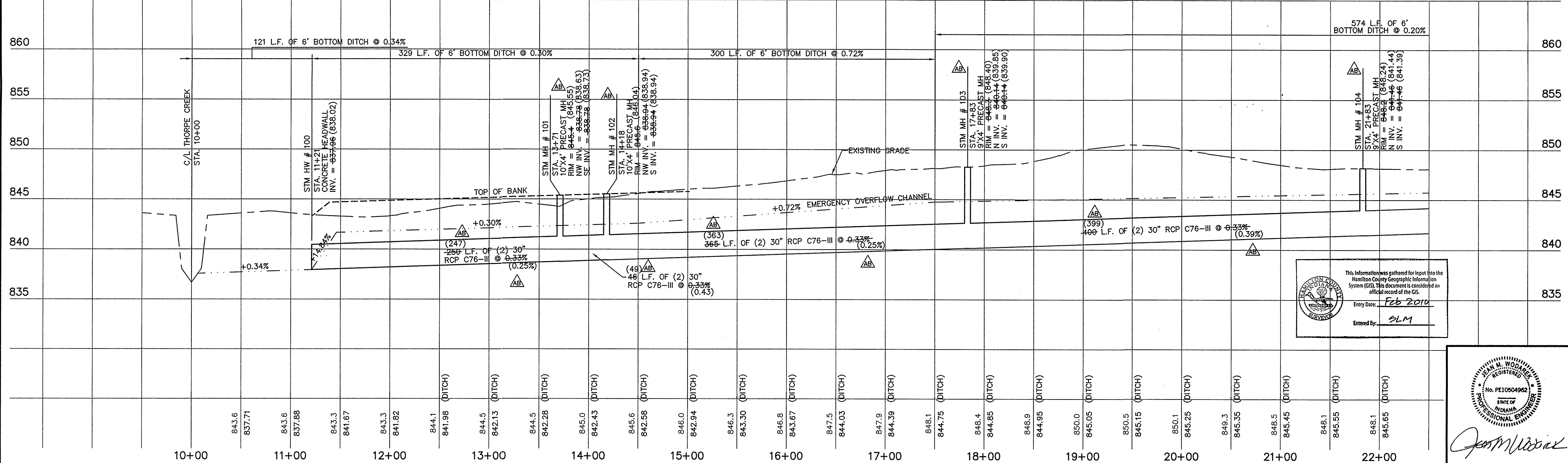
REVISIONS

NO.	DESCRIPTION
1	SUBMITTED FOR AGENCY REVIEW (02/20/09)
2	REVISED FOR NCSO COMMENT LETTER (04/13/09)
3	REVISED FINAL OUTFALL LOCATION (07/29/09)
4	REVISED OVERFLOW DITCH GRADE AND LOCATION (11/20/09)
5	AS-BUILT (03-16-2009)
6	REVISIONS (10-15-2009)

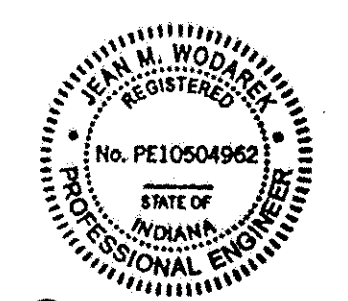


HOLEY MOLEY SAYS
 "DIG SAFELY"

"IT'S THE LAW"
 CALL 2 WORKING DAYS BEFORE YOU DIG
 1-800-382-5544
 CALL TOLL FREE
 PER INDIANA STATE LAW 129-1-25
 IT IS AGAINST THE LAW TO EXCAVATE WITHOUT
 NOTIFYING THE UNDERGROUND LOCATION
 SERVICE TWO (2) WORKING DAYS BEFORE
 COMMENCING WORK.



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: Feb 2010
 Entered By: SLM



AJ MEYERS LEGAL DRAIN RELOCATION
 SEC. 29, T18N, R6E, FISHERS TWP., HAMILTON CO.
 PULITE HOMES OF INDIANA
 11590 N. MERIDIAN STREET
 INDIANAPOLIS, IN 46250

Designed By: JMR
 Drawn By: JLO
 Checked By: Date:
 Plot:
 V: 1"=5'
 H: 1"=50'
 Scale:
 02-01-2006
 Date:
 0560063.1A
 No. No:
 Sheet No.: **CR-101**

DRIESENKA & ASSOCIATES, INC.
 Engineering
 Surveying
 Testing

www.driesenka.com
 10000 N. Meridian Street, Suite 100
 Indianapolis, IN 46250
 Phone: 317-571-7169
 Fax: 317-571-3420

REVISIONS

1	SUBMITTED FOR AGENCY REVIEW (02/21/09)
2	REVISED FOR HSDO COMMENT LETTER (04/13/09)
3	REVISED FINAL OUTFALL LOCATION (07/22/09)
4	REVISED OVERFLOW DITCH GRADE AND LOCATION (11/20/09)
5	AS-BUILT (03-16-2009)
6	REVISED (05-13-2009)

AJ MEYERS LEGAL DRAIN RELOCATION CO.
 SEC. 29, T18N, R06E, FISHERS TWP., HAMILTON CO.
 FULTON HOMES OF INDIANA
 11590 N. MERIDIAN STREET
 INDIANAPOLIS, IN 46250

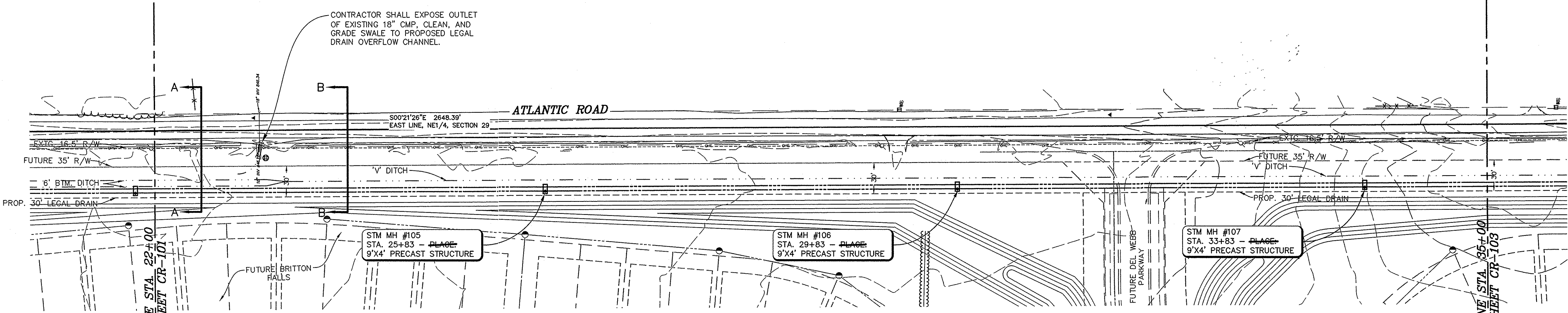
LEGAL DRAIN PLAN & PROFILE

Designed By: JMR
 Drawn By: JLO
 Checked By: JLO
 Date: 02-01-2006
 Plot: V: 1"=5'
 H: 1"=50'
 Scale:
 Date: 02-01-2006
 Date: 0560063.1A
 Job No.:
 Sheet No.: **CR-102**

STRUCTURE DATA TABLE

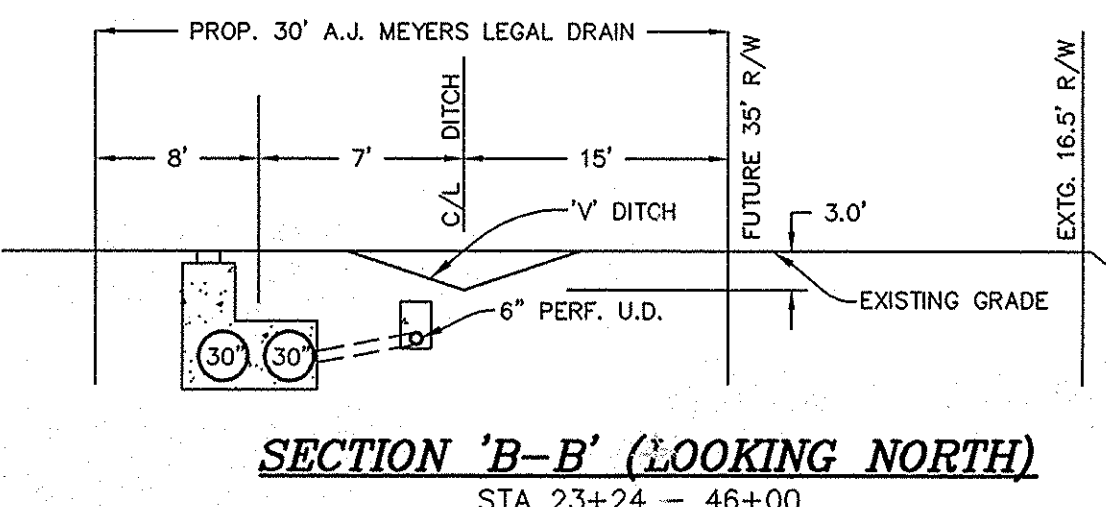
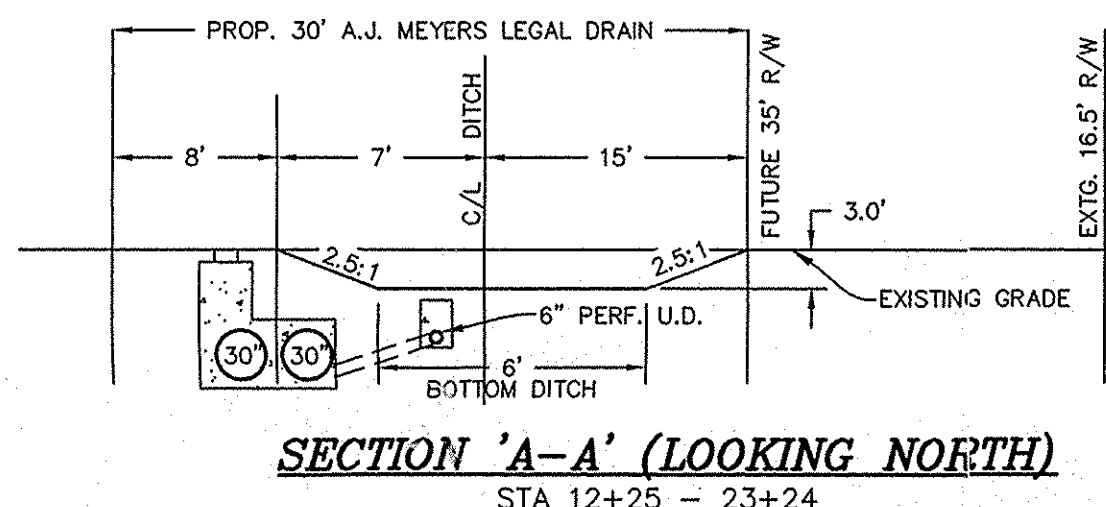
STR. NO.	RIM ELEV.	INV. IN.	INV. OUT.	DEPTH	STR. SIZE	STR. TYPE	CASTING TYPE	PIPE SIZE	DIRECTION OF PIPE IN/OUT
105	849.1	842.78	842.78	6.32'	9' X 4'	MH	R-1642	(2) 30"	S / N
106	850.4	844.18	844.18	6.22'	9' X 4'	MH	R-1642	(2) 30"	S / N
107	854.1	845.78	845.78	8.32'	9' X 4'	MH	R-1642	(2) 30"	S / N

LOCAL UTILITY
 HAMILTON COUNTY SURVEYOR'S OFFICE
 ONE HAMILTON COUNTY SQUARE
 SUITE 188
 NOBLESVILLE, IN 46060
 KENTON WARD - COUNTY SURVEYOR
 (317) 776-8495



HOLEY MOLEY SAYS
 "DIG SAFELY"

"IT'S THE LAW"
 CALL 2 WORKING DAYS BEFORE YOU DIG
 1-800-382-5544
 CALL TOLL FREE
 PER INDIANA STATE LAW 109-1-26.
 IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.



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: Feb 2010
 Entered By: GLM

LEGEND

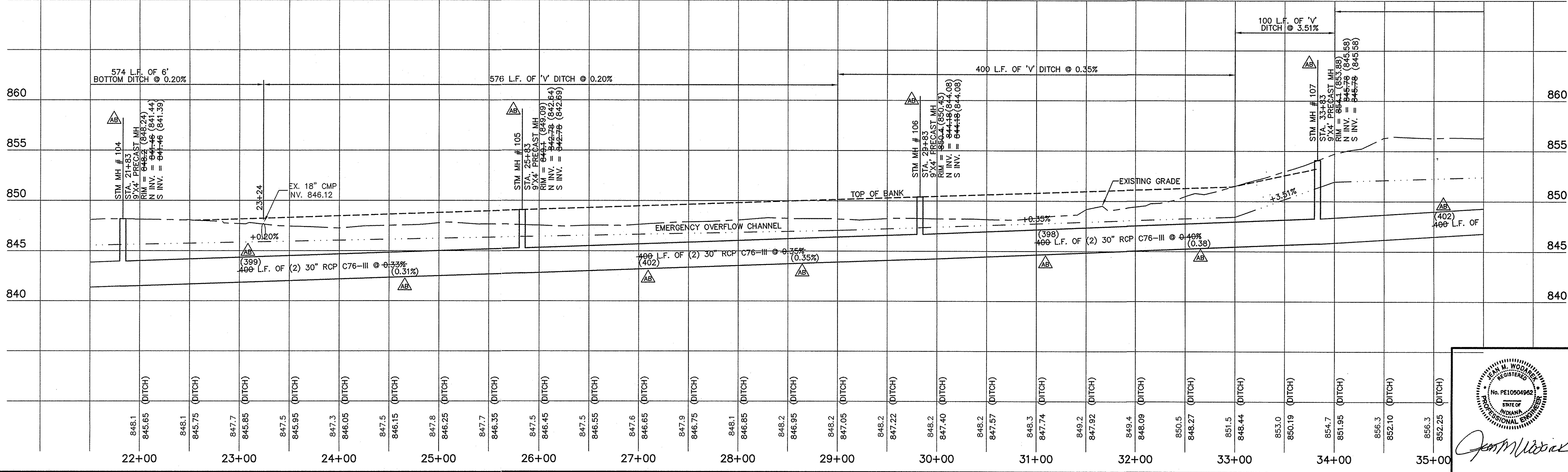
UTILITY POLE
 CLEANOUT
 VALVE (WATER & GAS)
 STORM SEWER MANHOLE
 SANITARY SEWER MANHOLE
 CATCH BASIN
 FIRE HYDRANT
 SIGN

EXISTING ELECTRIC
 EXISTING FIBER OPTIC
 PROPOSED STORM SEWER
 FUTURE R/W
 PROPOSED FLOW LINE
 GRANULAR BACKFILL (#8 STONE)

EXISTING
 PROPOSED

SCALE: 1"=50'

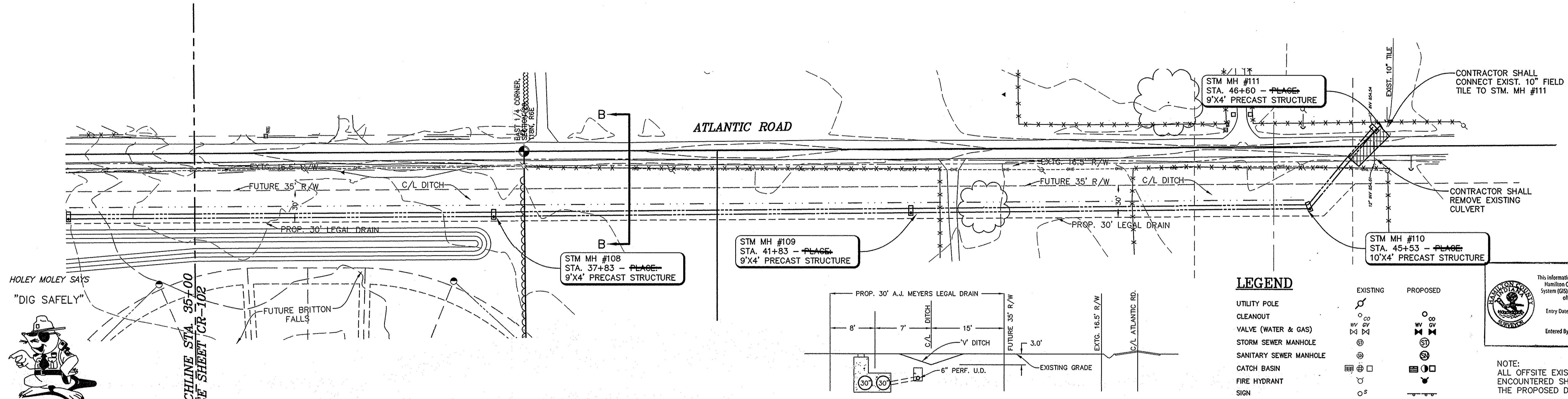
AJ MEYERS LEGAL DRAIN
 (30' WIDE EASEMENT)



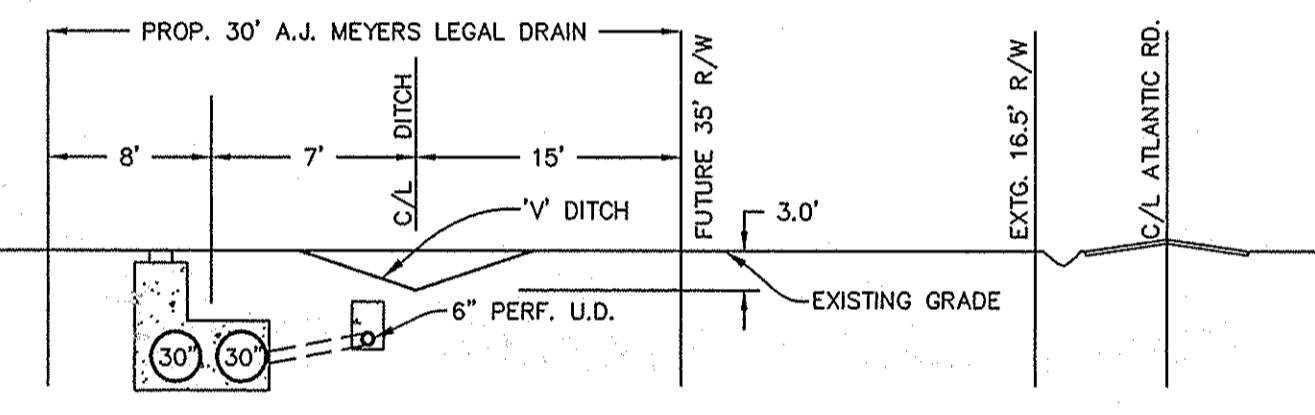
Professional Engineer
 State of Indiana
 No. PE10504940
 J. M. WOODRICK

LOCAL UTILITY
 HAMILTON COUNTY SURVEYOR'S OFFICE
 ONE HAMILTON COUNTY SQUARE
 SUITE 188
 NOBLESVILLE, IN 46060
 KENTON WARD - COUNTY SURVEYOR
 (317) 776-8495

STRUCTURE DATA TABLE										
STR. NO.	RIM ELEV.	INV. IN.	INV. OUT.	DEPTH	STR. SIZE	STR. TYPE	CASTING TYPE	PIPE SIZE	DIRECTION OF PIPE IN/OUT	
108	856.8	848.18	848.18	8.62'	9' x 4'	MH	R-1642	(2) 30"	S / N	
109	857.2	849.58	849.58	7.62'	9' x 4'	MH	R-1642	(2) 30"	S / N	
110	855.5	850.88	850.88	4.62'	10' x 4'	MH	R-1642	(2) 30"	SE / N	
111	855.0	852±	851.20	3.80'	9' x 4'	MH	R-4342	(2) 30"	E / NW	



"DIG SAFELY"
 HOLEY MOLEY SAYS
 CALL 2 WORKING DAYS BEFORE YOU DIG
 1-800-382-5544
 CALL TOLL FREE
 PER INDIANA STATE LAW 106-1-26
 IT IS AGAINST THE LAW TO EXCAVATE WITHOUT
 NOTIFYING THE UNDERGROUND LOCATION
 SERVICE TWO (2) WORKING DAYS BEFORE
 COMMENCING WORK.



LEGEND

- UTILITY POLE
- CLEANOUT
- VALVE (WATER & GAS)
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- CATCH BASIN
- FIRE HYDRANT
- SIGN
- EXISTING ELECTRIC
- EXISTING FIBER OPTIC
- PROPOSED STORM SEWER
- FUTURE R/W
- PROPOSED FLOW LINE
- GRANULAR BACKFILL (#8 STONE)

EXISTING: (Symbol for manhole, ditch, etc.)
 PROPOSED: (Symbol for manhole, ditch, etc.)

NOTE: ALL OFFSITE EXISTING DRAIN TILES ENCOUNTERED SHALL BE TIED INTO THE PROPOSED DRAIN.

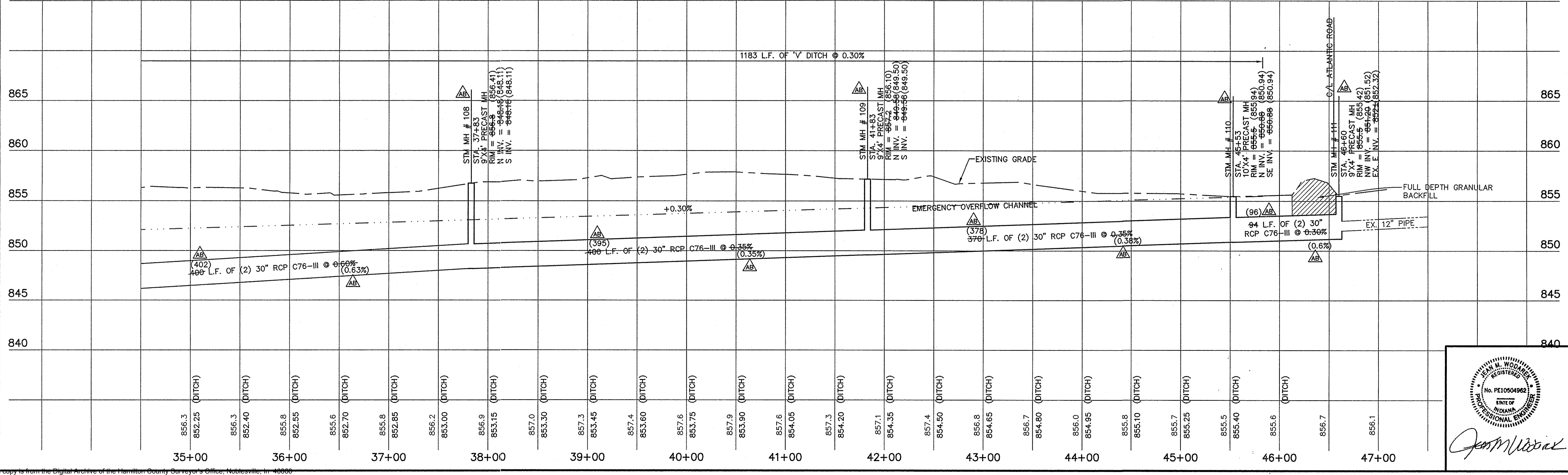
Scale: 1"=50'

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: 12/20/2010
 Entered By: SLM

REVISIONS

NO.	DATE	DESCRIPTION
1	12/20/2010	SUBMITTED FOR AGENCY REVIEW
2	01/13/2011	REVISED PER HCSO COMMENT LETTER (01/13/2011)
3	07/22/2010	REVISED FINAL OUTLINE LOCATION
4	07/22/2010	REVISED OVERFLOW DITCH GRADE AND LOCATION (11/20/2010)
5	03-18-2009	AS-BUILT
6	10-13-2009	AS-BUILT REVISION

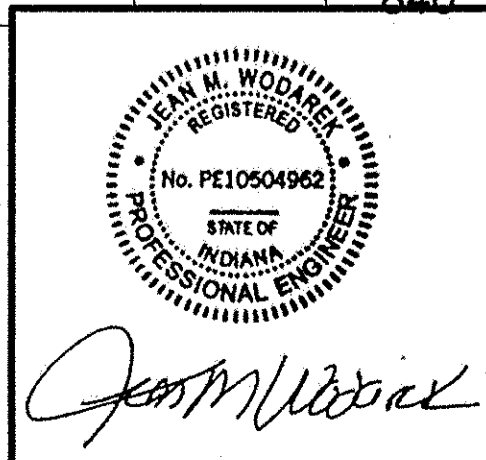
AJ MEYERS LEGAL DRAIN
 (30' WIDE EASEMENT)



AJ MEYERS LEGAL DRAIN RELOCATION
 SEC. 29, T18N, R8E, FISHERS TWP., HAMILTON CO.
 PULTE HOMES OF INDIANA
 11590 N. MERIDIAN STREET
 INDIANAPOLIS, IN 46250

LEGAL DRAIN PLAN & PROFILE

Designed By: JMR
 Drawn By: JLO
 Checked By: JLO
 Date: 02-01-2006
 Scale: V: 1"=5', H: 1"=50'
 Date: 02-01-2006
 Job No.: 0560063.1A
 Sheet No.: **CR-103**



OFFICE OF THE HAMILTON COUNTY SURVEYOR
BANK ARMORMENT AT OUTLET PIPE
IN OPEN CHANNELS

CROSS SECTION

PLAN VIEW

HAMILTON COUNTY SURVEYOR'S OFFICE
APPROVED: *Kenton C. Ward* 4 JAN 00 DATE KENTON C. WARD, HAMILTON COUNTY SURVEYOR
REVISOR: 1 JAN 2000 STANDARD PLAN
0-4

OFFICE OF THE HAMILTON COUNTY SURVEYOR
PIPELINE & UTILITY INSTALLATION
CROSS SECTION: TILE DRAIN

UTILITY INSTALLATION CROSS SECTION
(DRAWING NOT TO SCALE)

PIPELINE INSTALLATION CROSS SECTION
(DRAWING NOT TO SCALE)

When installing a utility across a tile regulated drain, the utility contractor will adhere to the following procedure:
1. Utility to be installed a minimum of eighteen (18") inches below or above existing tile.
2. If utility is to be installed using directional boring methods, the utility installation shall be a minimum of five (5') feet below tile drain.
3. All petroleum pipelines and/or high pressure transmission lines are to be installed a minimum of ten (10') feet below existing invert of tile drains.
4. If sanitary sewer is installed under drain, sewer shall be encased with concrete. Minimal distance shall be measured from top of concrete encasement.
5. Utility contractor shall adhere to open drain crossing standard during construction process.
6. Notify Surveyor's Office at (317)776-8495, two working days prior to installation and backfilling.

HAMILTON COUNTY SURVEYOR'S OFFICE
APPROVED: *Kenton C. Ward* 4 JAN 00 DATE KENTON C. WARD, HAMILTON COUNTY SURVEYOR
REVISOR: 1 JAN 2000 STANDARD PLAN
C-5

OFFICE OF THE HAMILTON COUNTY SURVEYOR

SUBSURFACE DRAIN (SSD) DETAIL
WITHOUT SWALE

NOTE: TILE SHALL BE DOUBLE WALL SMOOTH WALL PERFORATED PLASTIC PIPE.

HAMILTON COUNTY SURVEYOR'S OFFICE
APPROVED: *Kenton C. Ward* 2/1/02 DATE KENTON C. WARD, HAMILTON COUNTY SURVEYOR
REVISOR: 1 FEB 2002 STANDARD PLAN
SSD-5

OFFICE OF THE HAMILTON COUNTY SURVEYOR

CLEARING SPECIFICATIONS

WHAT TO CLEAR

1. Clear all woody vegetation; i.e. trees, willows, brush, briars and cactails.
2. Clear both ditch banks to the top of the bank. Clear the ditch bottom and remove all debris and obstructions within the channel.
3. On the working side, clear only enough room to complete the intended operation; such as spreading spoil or installing an erosion control structure. If more than 75 feet is needed, the Hamilton County Surveyor must be contacted before additional clearing can be done.

OTHER NOTES

1. Cut trees as shown in the diagram below. Cut the stump flush with the ground, no more than 6 inches high. Cut the stump at the same angle as the ditch bank.
2. Paint stumps with an approved EPA brush killer according to the contract specifications.
3. Remove stumps if the bank is resloped or for proper channel alignment.

HAMILTON COUNTY SURVEYOR'S OFFICE
APPROVED: *Kenton C. Ward* 4 JAN 00 DATE KENTON C. WARD, HAMILTON COUNTY SURVEYOR
REVISOR: 1 JAN 2000 STANDARD PLAN
OD-1

OFFICE OF THE HAMILTON COUNTY SURVEYOR

CROSS SECTION

SUBDIVISION CLEARING

ALL OPEN DITCHES SHALL HAVE AN ONSITE INVESTIGATION WITH THE SURVEYOR'S OFFICE PLAN REVIEWER, INSPECTOR AND DEVELOPER. TREES GREATER THAN 18" (MEASURED AT BREST HEIGHT) MAY BE SAVED IF APPROVED BY THE INSPECTOR. THE INSPECTOR SHALL BE CONTACTED FOR INVESTIGATION PRIOR TO FINAL INSPECTION FOR DETERMINATION.

NOTE: IF ON PROPERTY LINE, USE CONSERVATION ALTERNATE.

HAMILTON COUNTY SURVEYOR'S OFFICE
APPROVED: *Kenton C. Ward* 4 JAN 00 DATE KENTON C. WARD, HAMILTON COUNTY SURVEYOR
REVISOR: 1 JAN 2000 STANDARD PLAN
OD-4

OFFICE OF THE HAMILTON COUNTY SURVEYOR

SPOIL SPREADING

CROSS SECTION

NOTE: SPOIL SPREADING MAY EXTEND BEYOND THE SEVENTY-FIVE FOOT(75') RIGHT-OF-WAY WITH THE PERMISSION OF THE COUNTY SURVEYOR.

All spoils shall be placed on the operation side of the ditch as designated by the Surveyor. The finished spoil shall be left in a smooth manner, so that maintenance equipment used to maintain the regulated drain and any average row crop farm tractor can be driven over all parts of it with a reasonable degree of safety and the finished spoil bank shall be left in a tillable manner without debris including brush, logs, excavated stumps or rocks of 1/3 of cubic foot or larger, that will interfere with farm and maintenance equipment, and filter strip placement.

HAMILTON COUNTY SURVEYOR'S OFFICE
APPROVED: *Kenton C. Ward* 4 JAN 00 DATE KENTON C. WARD, HAMILTON COUNTY SURVEYOR
REVISOR: 1 JAN 2000 STANDARD PLAN
OD-6

OFFICE OF THE HAMILTON COUNTY SURVEYOR

CORNER PROTECTION

PLAN

CROSS SECTION

GEOTEXTILE FABRIC MAY BE REQUIRED, DEPENDING UPON SOIL CONDITIONS.

HAMILTON COUNTY SURVEYOR'S OFFICE
APPROVED: *Kenton C. Ward* 4 JAN 00 DATE KENTON C. WARD, HAMILTON COUNTY SURVEYOR
REVISOR: 1 JAN 2000 STANDARD PLAN
OD-7

OFFICE OF THE HAMILTON COUNTY SURVEYOR

CROSS SECTION

PLAN

FILTER STRIP

PLACE SIGNS EVERY 600 FEET. IF DISTANCE BETWEEN ROADS IS LESS THAN 600 FEET, PLACE ONE SIGN IN CENTER POINT OF THE FILTER STRIP BETWEEN ROADS.

IF THE CONSERVATION ALTERNATE IS USED FOR CLEARING, FILTER STRIP WILL BE ON OPERATION SIDE ONLY.

HAMILTON COUNTY SURVEYOR'S OFFICE
APPROVED: *Kenton C. Ward* 4 JAN 00 DATE KENTON C. WARD, HAMILTON COUNTY SURVEYOR
REVISOR: 1 JAN 2000 STANDARD PLAN
OD-9

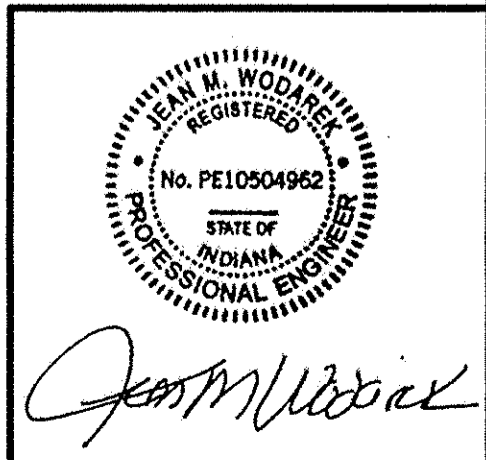
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REVISIONS

1	SUBMITTED FOR AGENCY REVIEW (10/20/00)
2	REVISED PER H200 COMMENT LETTER (04/13/01)
3	REVISED FINAL OUTFALL LOCATION (07/23/01)
4	REVISED OVERFLOW DITCH GRADE AND LOCATION (11/20/01)
5	AS-BUILT (03-18-2009)
6	REVISIONS REVIEWED (10-15-2009)

AJ MEYERS LEGAL DRAIN RELOCATION
SEC. 29, T16N, R8E, FISHERS TWP., HAMILTON CO.
PULTE HOMES OF INDIANA
11590 N. MERIDIAN STREET
INDIANAPOLIS, IN 46250
LEGAL DRAIN DETAILS

Designed By: JMR
Drawn By: JLO
Checked By: JLO
Plot:
Scale: NONE
Date: 02-01-2006
Job No.: 0560063.1A
Sheet No.: CR-501



OFFICE OF THE HAMILTON COUNTY SURVEYOR

PIPE DIAMETER 4"

PIPE DIAMETER 4"

SEE PLAN FOR SIZE AND MATERIAL

HEADWALL INVERT

APPROXIMATE FINISHED GRADE

2" L.D. X-STRONG PIPE (SPACING 12" ON CENTER WITH ENDS CUT 45° FOR 1/2" EXPANSION BOLTS INTO CONCRETE)

RECESSED INTO FINISHED GRADE 6" THICK CONCRETE HEADWALL WITH #6 REINFORCED 6" O.D. CENTER EQUAL WIDTH

100 SQUARE FOOT RIP-RAP IN FAN PATTERN OUT FROM HEADWALL MINIMUM SIZE STONE TO BE 1/2 CUBIC FOOT

NOTE HEADWALL SIMILAR TO TYPE "I" EXCEPT FOR PIPE GUARDS

ISOMETRIC @ HEADWALL TYPE "II"

(DRAWING NOT TO SCALE)

HAMILTON COUNTY SURVEYOR'S OFFICE

REVISOR: 1 JAN 2000

APPROVED: *Kenton C. Ward* KENTON C. WARD, HAMILTON COUNTY SURVEYOR DATE: 1/14/00 STANDARD PLAN D-4

OFFICE OF THE HAMILTON COUNTY SURVEYOR

STRUCTURE SIZING TABLE

PIPE SIZE (INCHES)	STRUCTURES LESS THAN 48" FROM T/C TO INVERT (INCHES)	STRUCTURES GREATER THAN 48" FROM T/C TO INVERT	ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN	STEPS REQUIRED	CURB CASTING *R-360IN	CASTING *350I TL & TL
12 TO 18	24 X 24	***	DESIGN APPROVAL	NO	YES	YES
12 TO 21	30 X 30	***	DESIGN APPROVAL	NO	YES	YES
18 TO 21	MH/BOX	***	DESIGN APPROVAL	YES	YES	YES
21 TO 27	24 X 36* OR 36 X 36	***	DESIGN APPROVAL	NO	NO	YES
12 TO 24	36 X 36	***	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.

HAMILTON COUNTY SURVEYOR'S OFFICE

REVISOR: 1 FEB 2002

APPROVED: *Kenton C. Ward* KENTON C. WARD, HAMILTON COUNTY SURVEYOR DATE: 2/16/02 STANDARD PLAN D-18

OFFICE OF THE HAMILTON COUNTY SURVEYOR

ASPHALT DRIVE REPAIR

1" HOT ASPHALTIC CONCRETE (H.A.C.) SURFACE ON 2" H.A.C. BASE

6" COMPACTED AGGREGATE

COMPACTED GRANULAR SUBGRADE

STORM SEWER PIPE

- NEW SURFACE IS TO BE SLOPED AT THE SAME RATE AS THE EXISTING SURFACE.
- EXISTING PAVEMENT IS TO BE SAW CUT FOR A CLEAN BREAK.
- COMPACTED AGGREGATE IS TO BE LAID AT 6" LIFTS AND IS TO BE COMPACTED TO A MINIMUM OF 95%.
- TRENCH SPOIL IS TO BE REMOVED FROM THE WORK SITE.
- 1.5" H.A.C. *H SURFACE.
- BUTYMOUS TACK APPLIED.

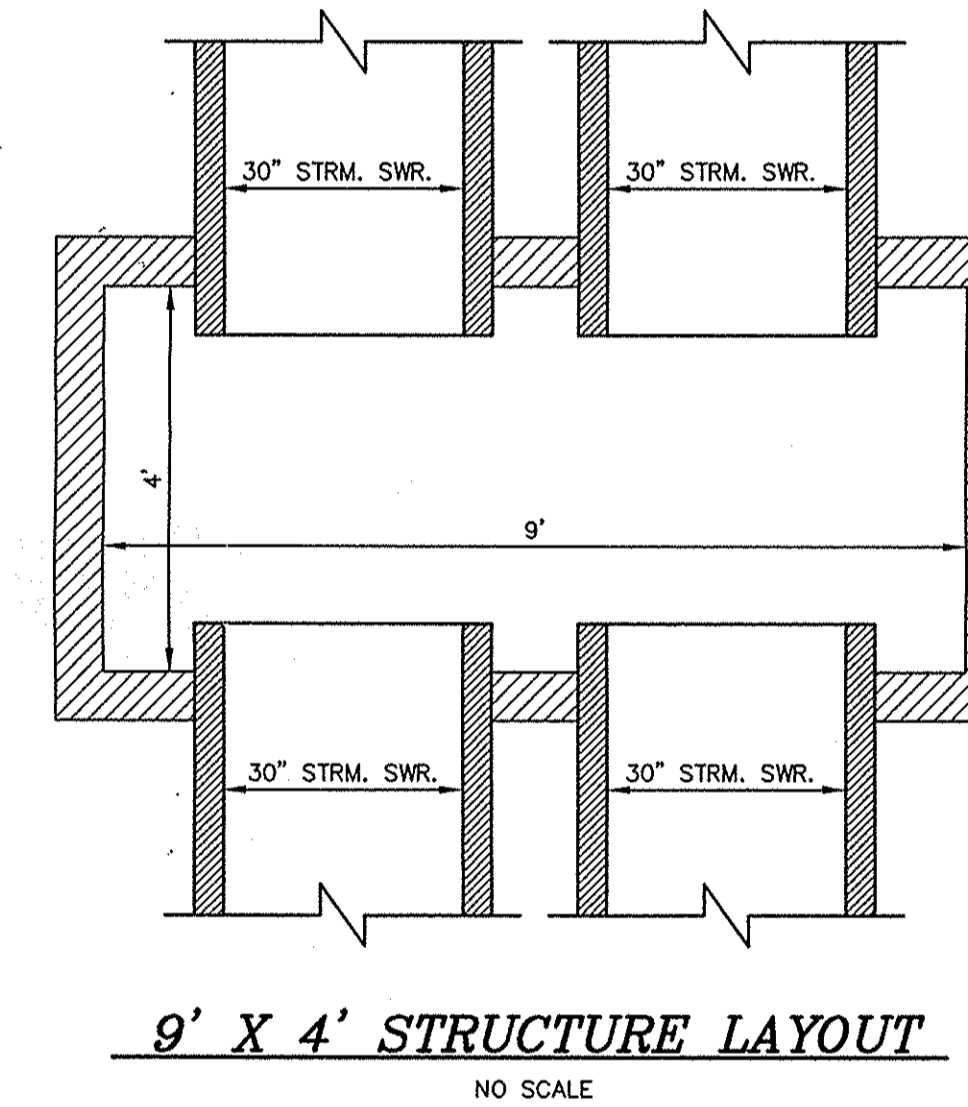
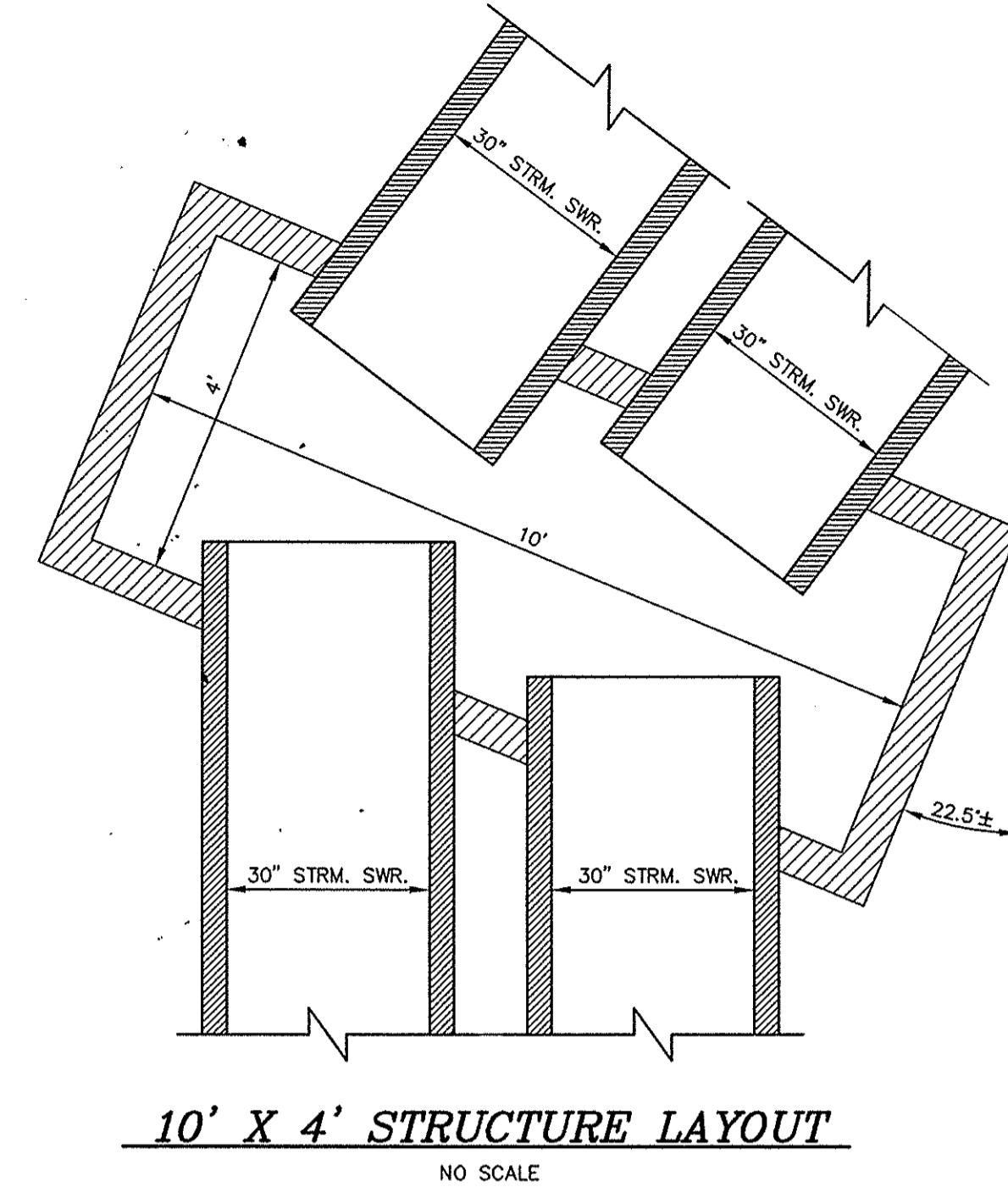
AS PER INDIANA DEPT. OF HIGHWAYS STANDARD SPECIFICATIONS - 1993 SECTIONS 409 & 902.

(DRAWING NOT TO SCALE)

HAMILTON COUNTY SURVEYOR'S OFFICE

REVISOR: 1 JAN 2000

APPROVED: *Kenton C. Ward* KENTON C. WARD, HAMILTON COUNTY SURVEYOR DATE: 1/14/00 STANDARD PLAN M-1



OFFICE OF THE HAMILTON COUNTY SURVEYOR

MANHOLE/SOLID LID CASTING

CLASS 350

ASTM A-48

TYPE "B" RECESSED POCKETS

141 (25mm) DIA. ANCHOR BOLT HOLES ON A 30" (830mm) DIA. B.C.

63 (30mm) DIA. B.C.

24 (12mm) DIA. B.C.

27 (13mm) DIA. B.C.

MADE IN USA

2" (51mm) RAISED LETTERS FLUSH TO TOP SURFACE OF LID

ANCHOR HOLE DETAIL FULL SCALE

PICKLE DETAIL COVER SCALE

NEENAH 1642 or 1772 EAST JORDAN 1045

* Or approved by Hamilton County Surveyor's Office (DRAWING NOT TO SCALE)

HAMILTON COUNTY SURVEYOR'S OFFICE

REVISOR: 11/18/2004

APPROVED: *Kenton C. Ward* KENTON C. WARD, HAMILTON COUNTY SURVEYOR DATE: 11/18/04 STANDARD PLAN CT-1

OFFICE OF THE HAMILTON COUNTY SURVEYOR

BEEHIVE INLET CASTING

21 (51mm) DIA. B.C.

24 (12mm) DIA. B.C.

21 (51mm) DIA. B.C.

24 (12mm) DIA. B.C.

NOTE: ALL DIMENSIONS SHOWN ARE IN ENGLISH AND METRIC. FREE OPEN AREA: 278 SQUARE INCHES. MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 350. FINISH: NO FINISH. WEIGHT: 28#

NEENAH 4342 EAST JORDAN 6489N

* Or approved by Hamilton County Surveyor's Office (DRAWING NOT TO SCALE)

HAMILTON COUNTY SURVEYOR'S OFFICE

REVISOR: 11/18/2004

APPROVED: *Kenton C. Ward* KENTON C. WARD, HAMILTON COUNTY SURVEYOR DATE: 11/18/04 STANDARD PLAN CT-10

OFFICE OF THE HAMILTON COUNTY SURVEYOR

PRECAST STRUCTURE DETAIL

CASTING FRAME AND COVER AS SPECIFIED

STANDARD PRECAST MANHOLE CAP OR CONE

24" DIA.

4" DIA.

PRECAST CONCRETE SLAB TOP

STD. PRECAST MANHOLE RISER

WIDTH AS PER PLANS

PREFORMED HOLE TO MAXIMUM OF PIPE O.D. +6" WITH NON-SHRINK CEMENT GROUT

3" MIN.

3" MIN.

8" MIN.

BENCH WALLS AT MINIMUM 1/2" PER FOOT SLOPE. BENCH WALLS TO BE CONSTRUCTED TO SPRING LINE OF PIPE

NOTE: -REINFORCEMENT PER MANUFACTURER -MANHOLE CONFORMS TO ASTM C-478 -NO BRICK OR BLOCK WILL BE ALLOWED IN STRUCTURE -O-RING GASKET, NON-ASPHALTIC MASTIC OR BUTYL RUBBER SEAL BETWEEN JOINTS -SUPPLIER TO PROVIDE SHOP DRAWINGS TO ENGINEER PRIOR TO CONSTRUCTION

(DRAWING NOT TO SCALE)

HAMILTON COUNTY SURVEYOR'S OFFICE

REVISOR: 11/18/2004

APPROVED: *Kenton C. Ward* KENTON C. WARD, HAMILTON COUNTY SURVEYOR DATE: 11/18/04 STANDARD PLAN CT-10

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Cedar Rapids, IA - 616-846-9800
Indianapolis, IN - 317-571-5700

REVISIONS

1	SUBMITTED FOR AGENCY REVIEW (02/25/00)
2	REVISED PER HCD COMMENT LETTER (04/13/00)
3	REVISED FINAL OUTCALL LOCATION (07/25/00)
4	REVISED OVERFLOW DETAIL GRADE AND LOCATION (11/21/00)
5	AS-BUILT 03-18-2009
6	AS-BUILT REVISED 03-18-2009

AJ MEYERS LEGAL DRAIN RELOCATION COMPANY
SEC. 29, T18N. R6E, FISHERS TWP., HAMILTON CO. ILLINOIS
PULTE HOMES OF INDIANA
11580 N. MERIDIAN STREET
INDIANAPOLIS, IN 46250

LEGAL DRAIN DETAILS

Designed By: JMR

Drawn By: JLO

Checked By: JLO

Plot:

NONE

Scale:

02-01-2006

Date:

0560063.1A

Job No.:

Sheet No.:

CR-502

J.M. Woodcock



Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

*One Hamilton County Square
Noblesville, Indiana 46060-2230*

To: Hamilton County Drainage Board

June 9, 2006

Re: AJ Meyers Drain

Attached is a 52.5 petition and plans for the proposed relocation of the AJ Meyers Drain. The relocation is being proposed by Pulte Homes of Indiana. The proposal is to relocate the drain across parcel 13-12-29-00-00-007.001 and parcel 13-12-29-00-00-009.001 as part of the Britton Falls project per plans by Driesenga and Associates, Inc., Job No. 0560063.1A, revision date 4/13/2006. Per the plans, storm water will be diverted north to a point upstream of the current outlet point and discharge into Thorpe creek 50 feet south of 136th Street and 390 feet west of Atlantic Road. The existing drain downstream of Sta. 66+55 will remain to drain Cyntheanne Road and downstream properties.

This line will consist of the following:

(2) 30" RCP 3,427 ft. Open Ditch 225 ft. Temp. Open Ditch 73 ft.

The total length of the new drain shall be 3,652 feet between Sta. 10+00 and Sta. 45+53 as shown on the above referenced plan. The 6,655 feet of original drain between Sta. 0+00 and 66+55 shall be vacated. This proposal will subtract 3,003 feet from the drain's total length.

In addition, running parallel to the storm sewer is an emergency overflow swale with subsurface drain that is designed to convey the 100-year runoff from upstream areas.

The 73' of temporary ditch between Str. 110 of the new drain and Sta. 0+00 of the original drain will be reconstructed under a separate petition. That proposal will pipe the temporary ditch from Str. 111 to Str. 110 on the west side of Atlantic Road per my report dated June 14, 2006.

The cost of the relocation is to be paid by Pulte Homes of Indiana. The developer has provided the Performance Bond as follows:

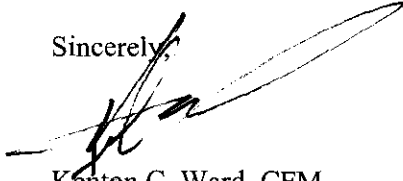
Name of Bonding Co.: Safeco Insurance Co. of Indiana
Bond #: 6414691
Bond Date: May 23, 2006
Bond Amount: \$430,242.00

Attached is a non-enforcement and legal description. The easement for the new drain will be the entirety of parcels 13-12-29-00-00-007.001 and 13-12-29-00-00-009.001 as shown in the Hamilton County Auditor's office. I recommend that the Board approve this non-enforcement request.

I recommend that this drain be classified as an urban drain. This drain may be assessed to the Martha Ford Drain or Thorpe Creek Drain in the future.

The project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, a hearing is not required for the petition. I recommend that the Board approve this petition.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/stc

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: _____)
Hamilton County, Indiana)

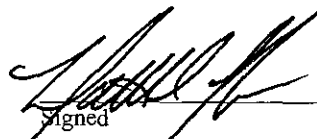
PETITION FOR RELOCATION AND RECONSTRUCTION

_____ Pulte Homes of Indiana (hereinafter "Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the _____ A. J. Meyers Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the _____ A. J. Meyers Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the _____ A. J. Meyers Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the _____ A. J. Meyers Drain, without cost to other property owners on the watershed of the _____ A. J. Meyers Drain.
5. Proposed relocation and reconstruction will not adversely affect other land owners within the drainage shed.
6. Petitioner requests approval of the proposed relocation and reconstruction under IC 36-9-27-52.5.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the _____ A. J. Meyers Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.


Signed
Matthew D. Lottmeyer
Printed
DIR. OF DEVELOPMENT
PULTE HOMES OF INDIANA, LLC.

**Britton Falls – AJ Meyers Relocation
GASB 34 Calculation**

The engineer's estimate total for this project is \$358,534.50. The project itself was split into two reports and subsequent hearings. The first report dated June 9, 2006 was approved on June 26, 2006. This covered 3,652 of the project. The second report was dated June 14, 2006 and was approved on July 24, 2006. This portion covered 93' of twin 30" RCP.

The dollar amount will be split as follows:

\$358,534.50
<u>- 7,626.00</u> (186ft of 30 RCP)*
\$350,908.50

Therefore, part one of the project (June 9, 2006) will be priced at \$358,534.50 and part two (June 14, 2006) will priced at \$7626.00.

*Pricing taken from the engineer's estimate provided by Driesenga & Associates Inc. dated May 23, 2006.