



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*

August 9, 2006

To: Hamilton County Drainage Board

Re: A. J. Brock Drain – Essex of Noblesville Section 1 Reconstruction

Attached is a 52.5 petition and plans for the proposed relocation of the A. J. Brock Drain. The relocation is being proposed by Essex on Hazel Dell LLC, Robert E. Anderson and Maureen K. Anderson Trust. The proposal is to reconstruct the drain across parcel 10-10-03-00-00-030.000, parcel 10-10-10-00-00-001.001, parcel 10-10-10-00-00-001.003, and parcel 10-10-10-00-00-001.000, as part of the Essex of Noblesville project per plans by Schneider Corp., Job No. 5575.001, latest revision date 8/7/2006. Per the plans, the drain will be routed through the Essex Subdivision from Hazel Dell Road on the west side of the project and discharge into the portion of the drain being reconstructed by the City of Noblesville as part of the Hazel Dell Road project at the east property line of the Essex Project. Until the new downstream storm sewer is installed, the site will discharge into the existing A. J. Brock Drain near the east property line via a proposed 18" storm sewer. After construction of the new line the existing Brock Drain east of the Essex project will be utilized for overflow for the 100-year storm event.

The portions to be regulated drain are those between the following Structures 608, 603, 676, 675, 662, 661 and 660. Also the section between 602 and 601 and the section between Structure 660 and the east property line of the Essex project. The remainder of the drainage facilities within the Essex Subdivision shall be the maintenance responsibility of the City of Noblesville.

This line will consist of the following:

18" RCP	23 ft.	36" RCP	338 ft.
30" RCP	64 ft.	Open Ditch	1,288 ft.

The total length of the new drain shall be 1,713 feet. The 1,273 feet of original drain between Sta. 11+95 and 14+00 of Arm 1 and between Sta. 26+00 and 36+68 of the main drain shall be removed. This proposal will add 44 feet to the drain's total length. On the main drain this is from the catch basin at approximately Sta. 26 to 601 as shown on the plans. On Arm 1 this is from the outlet to the pond to the catch basin at Sta. 26+00 of the main drain.

* 440 Feet

The cost of the relocation is to be paid by Essex on Hazel Dell, LLC. The developer has provided the Letter of Credit as follows:

Name of Bonding Co.: Old National Bank
LC #: 20000090291
LC Date: August 14, 2006
LC Amount: \$118,600.00
Expiration Date: August 14, 2007


Attached is a non-enforcement. The easement for the reconstructed drain will be per the secondary plat for Essex of Noblesville Section 1 as recorded in the Hamilton County Auditor's Office. I recommend that the Board approve this Non-enforcement request.

The open drain portion listed above is that area through the two detention ponds, Ponds 1 and 2. The detention ponds (Ponds 2 & 1) located in Common Areas C & E respectively are 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 ponds, 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 ponds were designed will be retained, thereby, allowing no fill or easement encroachments.

I recommend that this drain be classified as an urban drain. This drain may be assessed to the Vestal/Kirkendall Drainage Area 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/llm

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

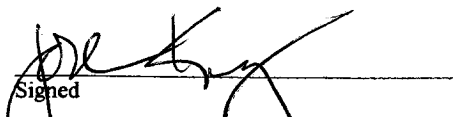
IN RE: A.J. Brock Legal Drain)
Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

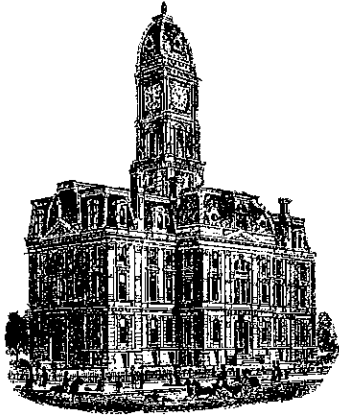
Essex on Hazel Dell, LLC, an Indiana limited liability partnership, (hereinafter "Petitioner"), hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the A.J. Brock Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the A.J. Brock 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. Brock 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. Brock Drain, without cost to other property owners on the watershed of the A.J. Brock 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. Brock Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.


Signed _____
Jose Kreutz, as Co-Manager of Petitioner
Printed JOSE KREUTZ





K.L.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

September 2, 2011

Re: Vestal-Kirkendall: AJ Brock – Essex of Noblesville Sec. 1 Relocation

Attached are plans, and other information for Essex of Noblesville Sec. 1 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 August 9, 2006. The report was approved by the Board at the hearing held August 14, 2006. (See Drainage Board Minutes Book 9, Pages 359-360) The changes are as follows: Structure 601 to 602 was not installed. This removed the 23 feet of 18" RCP from the proposed drain. The original AJ Brock 18" tile was capped at the property line of parcel 10-10-10-00-00-002.000 and a 6" PVC breather was set. Structure 608 to 603 was made twin 30" RCP with the Hazel Dell Rd. project. It should be noted that the original main AJ Brock Tile was removed from Sta. 24+12 to Sta. 36+68. Also removed was Arm 1 from Sta. 11+95 to Sta. 14+00. The length of the drain due to the changes described above is now **2051 feet**.

The non-enforcement was approved by the Board at its meeting on September 25, 2006 and recorded under instrument #2011042489. The following sureties were guaranteed by Old National Bank and expired on August 14, 2007.

Bond-LC No: 20000090291
Insured For: Storm Sewers
Amount: \$118,600.00
Issue Date: August 14, 2006

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

Sincerely,

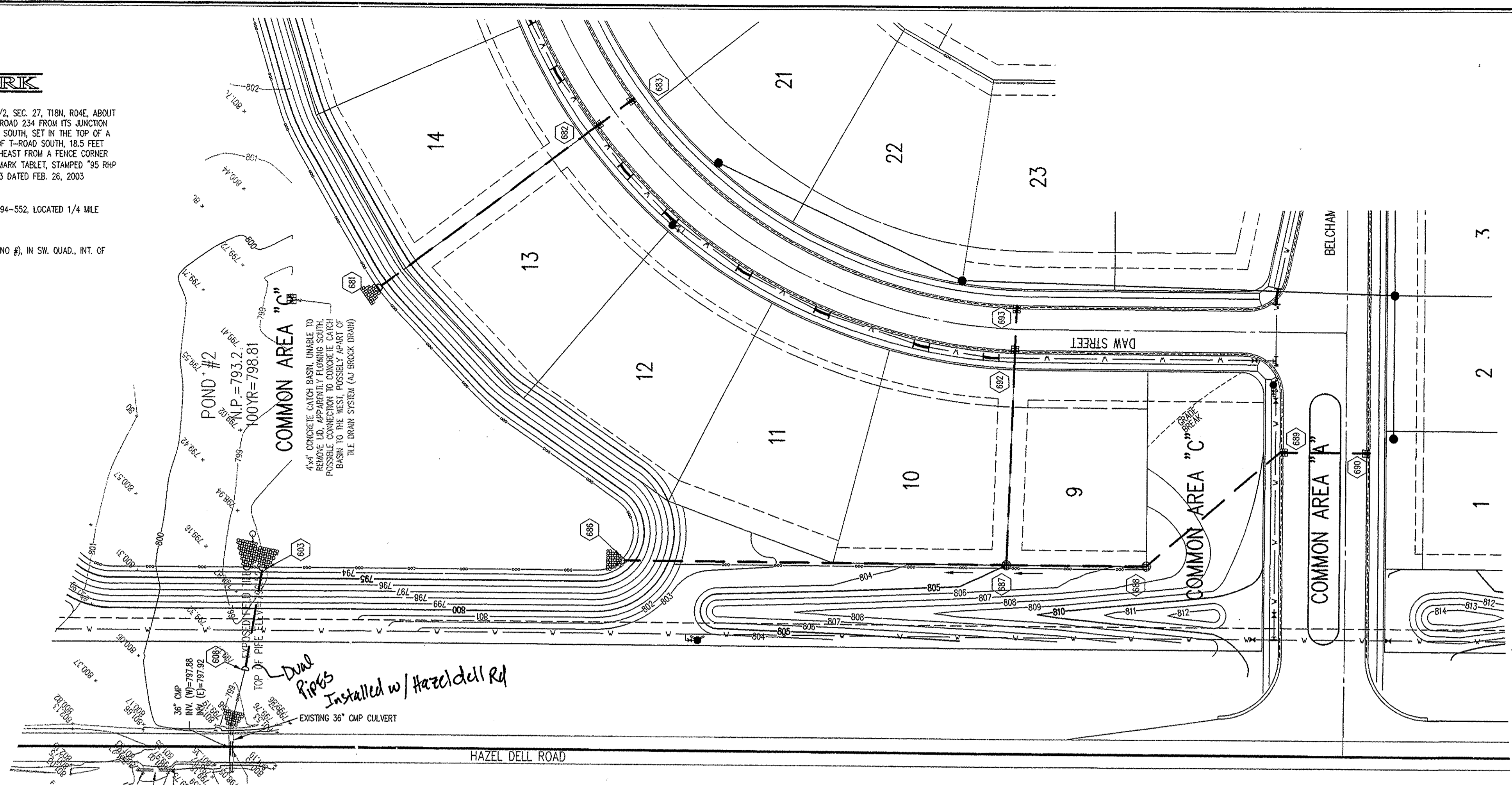
Kenton C. Ward, CFM
Hamilton County Surveyor

BENCHMARK

BM - USGS BM 95 RHP - IN HAMILTON COUNTY, IN THE E 1/2, SEC. 27, T8N, R04E, ABOUT 3.7 MILES EAST OF CARMEL, 4.85 MILES EAST ALONG STATE ROAD 234 FROM ITS JUNCTION WITH US HIGHWAY 31 WEST OF CARMEL TO A PAVED T-ROAD SOUTH, SET IN THE TOP OF A CONCRETE POST, 54 FEET WEST OF EXTENDED CENTER LINE OF T-ROAD SOUTH, 18.5 FEET NORTH OF CENTER LINE OF STATE ROAD 234, 21 FEET SOUTHWEST FROM A FENCE CORNER POST, 0.8 FOOT ABOVE GROUND, A STANDARD USGS BENCH MARK TABLE, STAMPED "95 RHP 752 1951". SEE PRIOR SCHNEIDER SURVEY JOB NO. 3930.003 DATED FEB. 26, 2003. ELEVATION = 751.462 (NOV 1929)

BM 1 - MAG NAIL SET IN THE EAST SIDE OF POWER POLE 194-552, LOCATED 1/4 MILE NORTH OF SITE ON THE WEST SIDE OF HAZEL DELL. ELEVATION = 806.54

BM 2 - RAILROAD SPIKE SET IN SE. SIDE OF POWER POLE (NO #), IN SW. QUAD, INT. OF HAZEL DELL ROAD & 161st ST. ELEVATION = 804.73



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PER INDIANA STATE LAW 15-59-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

ASSUMED NORTH

GENERAL NOTES

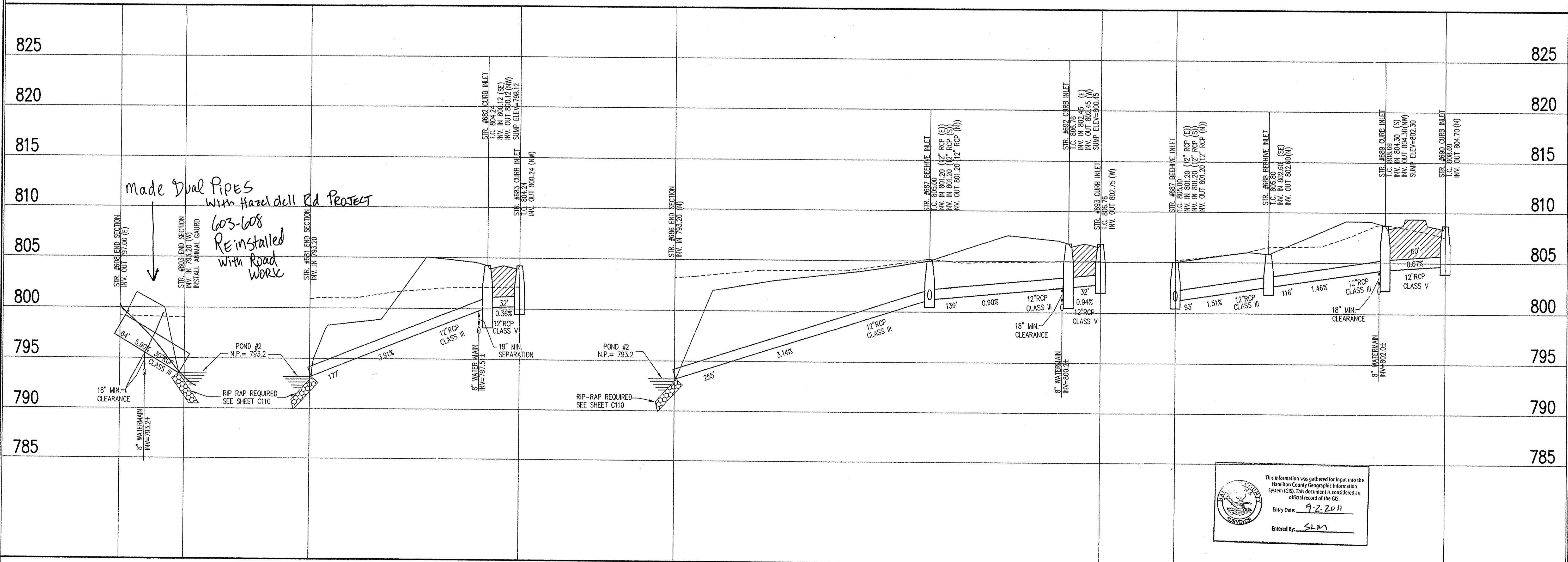
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.
- REMOVE AND BACKFILL ALL AREAS WHERE ANY FIELD TILE CROSSES PROPOSED HOUSE PADS. ALL FIELD TILES INTERCEPTED TO BE PERPETRATED INTO STORM SEWER SYSTEM OR LAKE. THE SUBCONTRACTOR SHALL NOTIFY IN WRITING THE OWNER AND THE ENGINEER IN ANY CIRCUMSTANCES WHERE THIS CANNOT BE ACCOMPLISHED.

LEGEND/DETAILS

City of Noblesville Details & Specifications	Quantity	Description
4	11	Bedding Detail - Reinforced Concrete Pipe (RCP)
5	11	Roll Curb Inlet Detail
3	11	Curb Underdrain Detail
5	11	Beehive Inlet Detail
5	11	Storm Manhole Detail
CB01	1	Precast Concrete End Section
CT10	2	RIP RAP Detail of End Section

STORM SEWER PLAN

SCALE: 1" = 50'



Made Dual Pipes with Hazel Dell Rd Project
603-608 Reinstalled with Road 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: 9-2-2011
Entered By: SLM

STORM SEWER PROFILE

LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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

REVISIONS:
1. REVISED SHEET DATE
2. 3/24/06 - PER - REVISED PER COMMENTS
3. 3/29/06 - FOR - REVISED PER COMMENTS
4. 5/01/06 - INS - REVISED PER UPDATED DETAIL MODEL FROM ACE

MICHAEL JOHN DANIELLO
REGISTERED PROFESSIONAL ENGINEER
No. 10100357
STATE OF INDIANA
DATE: 01/30/2006
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THE SCHNEIDER CORPORATION
Historic Fort Harrison
8901 Otis Avenue
Indianapolis, IN 46216-1037
Telephone: 317.826.7100
Fax: 317.826.7300
www.schneidercorp.com

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SECTION ONE
HAMILTON COUNTY, NOBLESVILLE, INDIANA
INDIANA LAND GROUP, LLC
23 South 8th Street, Noblesville, IN 46060

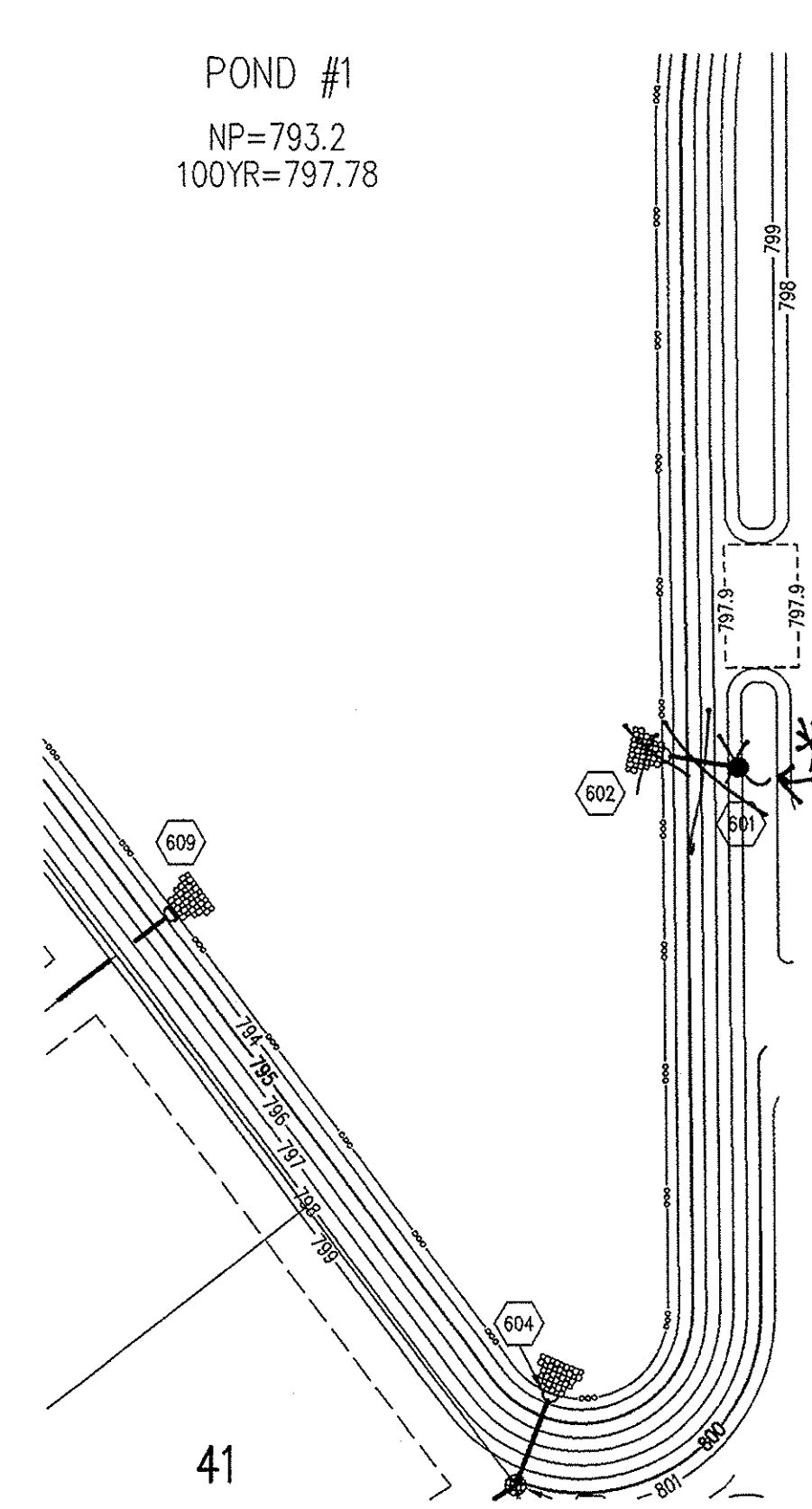
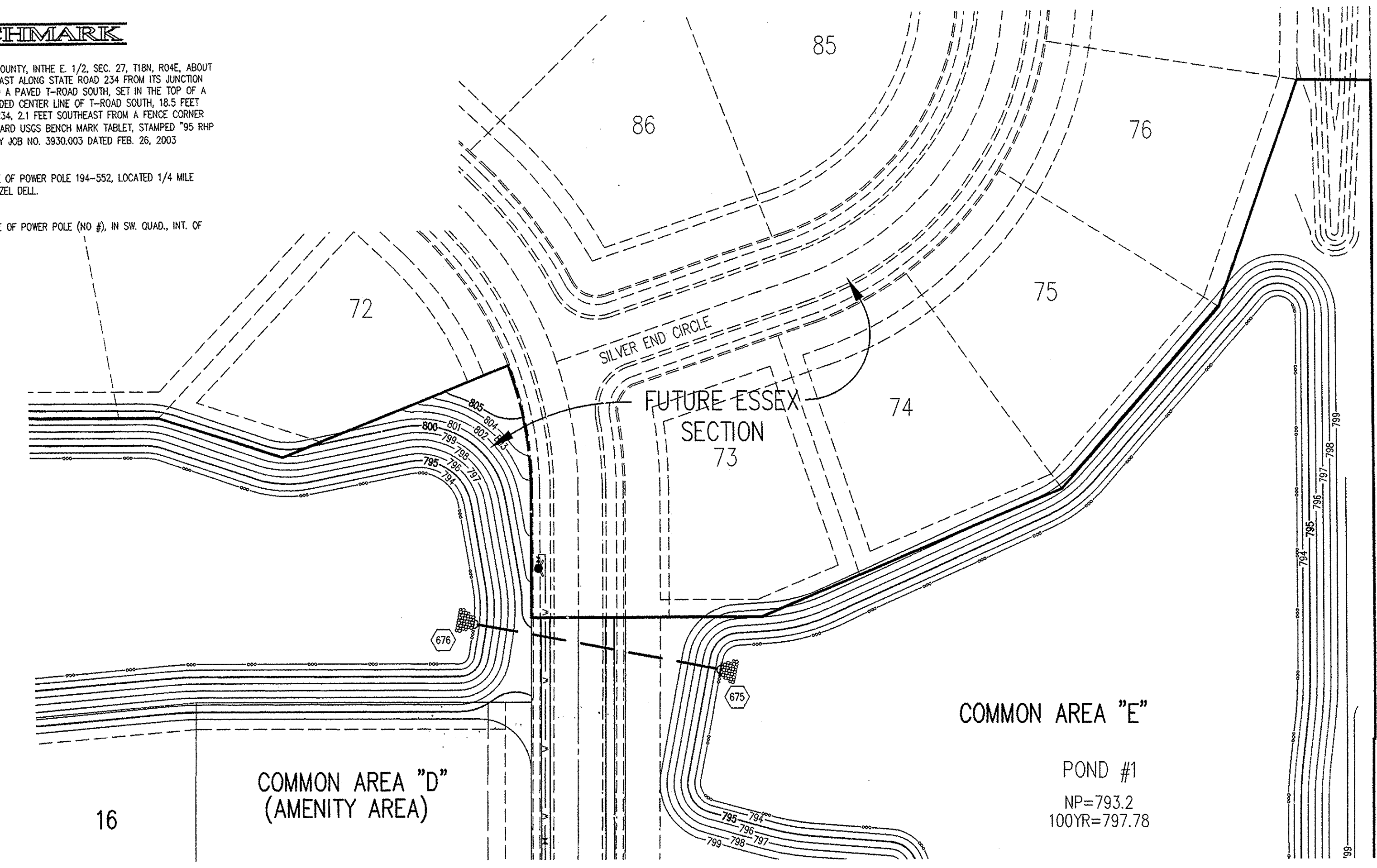
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BENCHMARK

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TBM 2 - RAILROAD SPIKE SET IN SE. SIDE OF POWER POLE (NO #), IN SW. QUAD, INT. OF HAZEL DELL ROAD & 161st ST. ELEVATION = 694.73



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LOCATION SERVICE THE (2) WORKING
DAYS BEFORE COMMENCING WORK.

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5	11 Storm Manhole Detail
C201	1 Precast Concrete End Section
C110	2 RIP RAP Detail of End Section

NOTE

REVISIONS:

1	REVISED STREET NAME
2	2/2/06
3	3/7/06
4	5/16/06

NO. 10100357
STATE OF INDIANA
REGISTERED PROFESSIONAL ENGINEER

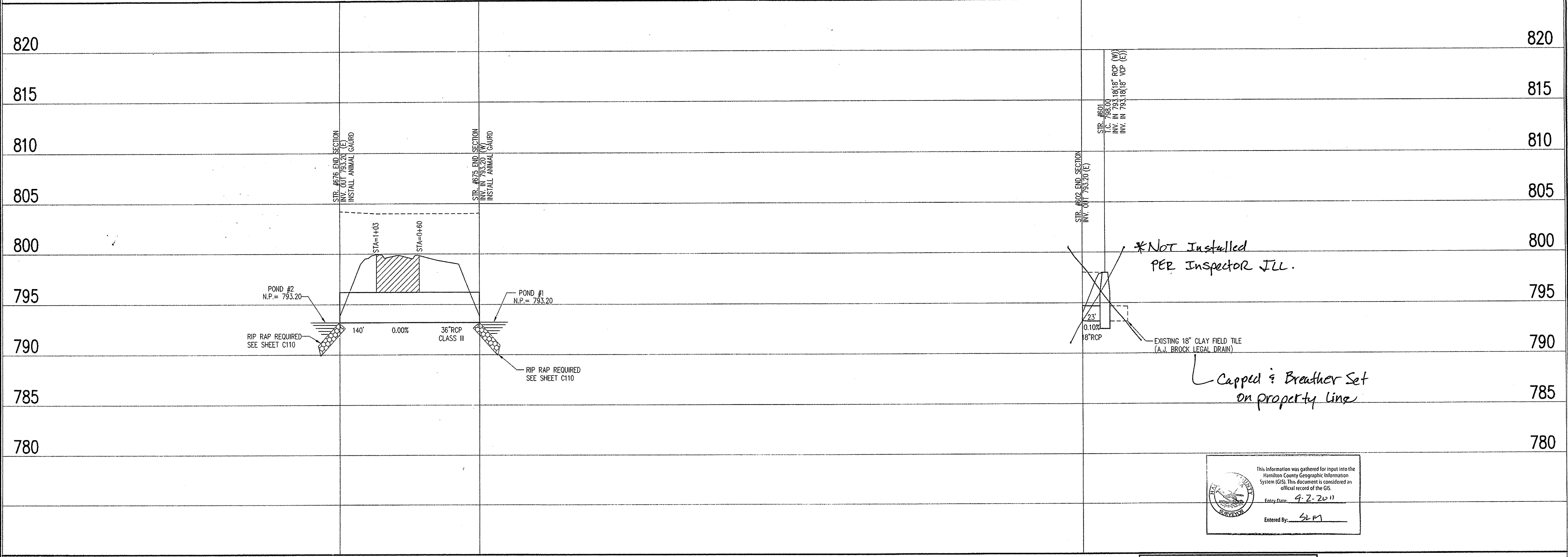
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STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER PROFILE

LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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

DATE: 01/30/2006

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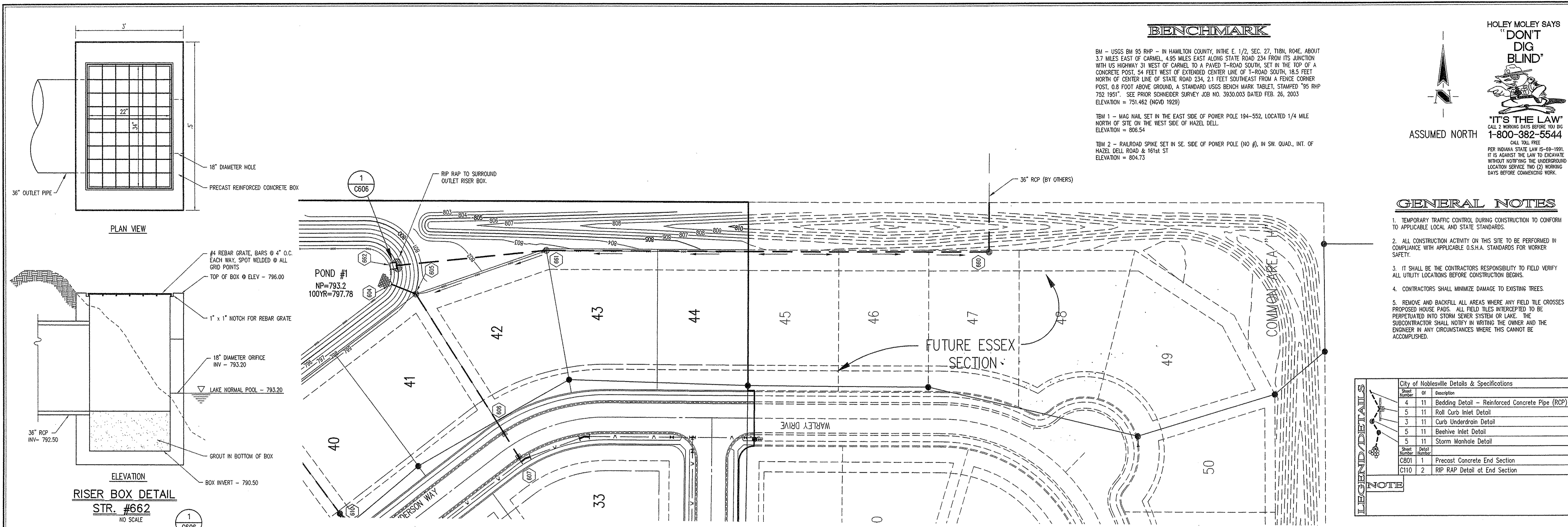
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SHEET TITLE: STORM PLAN & PROFILE

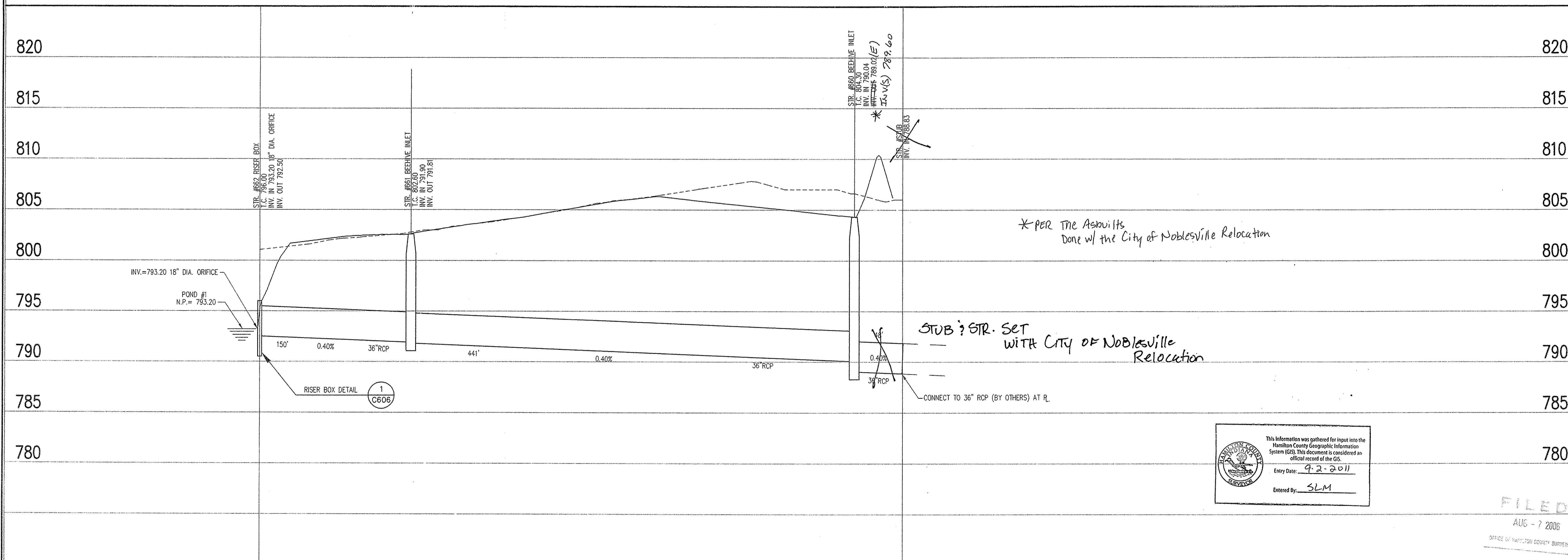
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STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER PROFILE

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

LEGEND

	Existing Grade
	New Grade
	Granular Backfill

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DAYS BEFORE COMMENCING WORK.

REVISIONS:

NO.	DATE	BY	DESCRIPTION
1	7/27/06	FOR	REVISED DEEM COMMENTS
2	7/27/06	FOR	REVISED DEEM COMMENTS
3	7/27/06	FOR	REVISED DEEM COMMENTS
4	7/27/06	FOR	REVISED DEEM COMMENTS

REGISTERED PROFESSIONAL ENGINEER

No. 10100357

STATE OF INDIANA

Michael J. DiMartino

DATE: 01/30/2006

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