

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

July 23, 2008

To: Hamilton County Drainage Board

Re: Oliver Shoemaker Drain, Prairie Lakes Arm

Attached is a 52.5 petition and plans for the proposed relocation of the Oliver Shoemaker Drain, Prairie Lakes Arm. The relocation is being proposed by Brookview Properties II, LLC. The proposal is to relocate the drain across parcel #18-11-19-00-40-003.000 owned by AMLI Residential Construction, LP as part of the Prairie Lakes Apartments project per plans by American Structurepoint, Job No. IN2007.1149, revision date March 13, 2008.

Per the plans storm water will be piped from Pond #4 in Block 3 of AMLI at Prairie Lakes to an existing regulated drain manhole Number 8 of the AMLI relocation approved by the Board in 2004 located on the east side of Prairie Lakes Boulevard approximately 185' (+/-) north of 141st Street right of way.

The line will consist of the following:

42" RCP 466 ft.

The total length of the new drain shall be 466 feet. The 423 feet of original drain between existing structures 2, 3, 7 & 8 of the AMLI relocation as approved by the Board on June 14, 2004 as recorded in Minutes Book 7, pages 471 to 472 shall be vacated. This proposal will add 43 feet to the drain's total length.

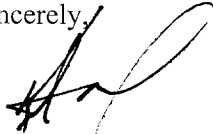
The cost of the relocation is to be paid by Brookview Properties II, LLC. The developer has provided the Performance Bond as follows:

Name of Bonding Company: Cincinnati Insurance Company
Bond Number: B0299798
Bond Date: July 15, 2008
Bond Amount: \$51,600.00

Attached is a non-enforcement request. The easement for the new drain will be 15' per half from the centerline of pipe per the attached plans. I recommend approval of the non-enforcement by the Board.

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,

A handwritten signature in black ink, appearing to read 'Kenton C. Ward', written over a faint, illegible typed name.

Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/llm

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: _____)
Hamilton County, Indiana)

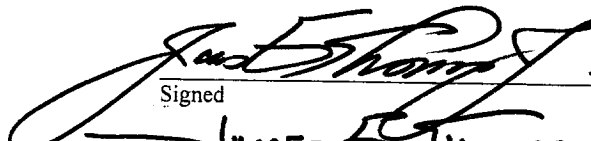
PETITION FOR RELOCATION AND RECONSTRUCTION

Brookview Properties II, LLC (hereinafter "Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the Oliver Shoemaker Drain, and in support of said petition advises the Board that:

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


Signed _____
Printed JAMES E. THOMAS, JR.
AS MANAGER



12/6/11

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

January 18, 2011

Re: Oliver Shoemaker: Prairie Lakes Arm

Attached are as-builts, certificate of completion & compliance, and other information for Prairie Lakes. 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 July 23, 2008. The report was approved by the Board at the hearing held July 23, 2008. (See Drainage Board Minutes Book 11, Pages 236-237) The changes are as follows: The 42" RCP was lengthened from 466 feet to 467 feet. The length of the drain due to the changes described above is now **467 feet**.

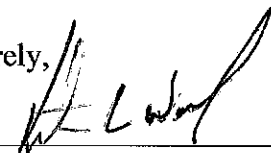
The non-enforcement was approved by the Board at its meeting on July 28, 2008 and recorded under instrument #2008039057.

The following sureties were guaranteed by Fidelity and Deposit Company and released by the Board on its March 26, 2007 meeting.

Bond-LC No: PRF8136481
Insured For: Storm Sewers
Amount: \$198,033
Issue Date: April 12, 2004

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

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: PRAIRIE LAKES APARTMENTS

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: _____

11/17/2010

Type or Print Name: _____

William A. Butz Jr.

Business Address: _____

7260 Shadeland St.

Indpls, IN 46256

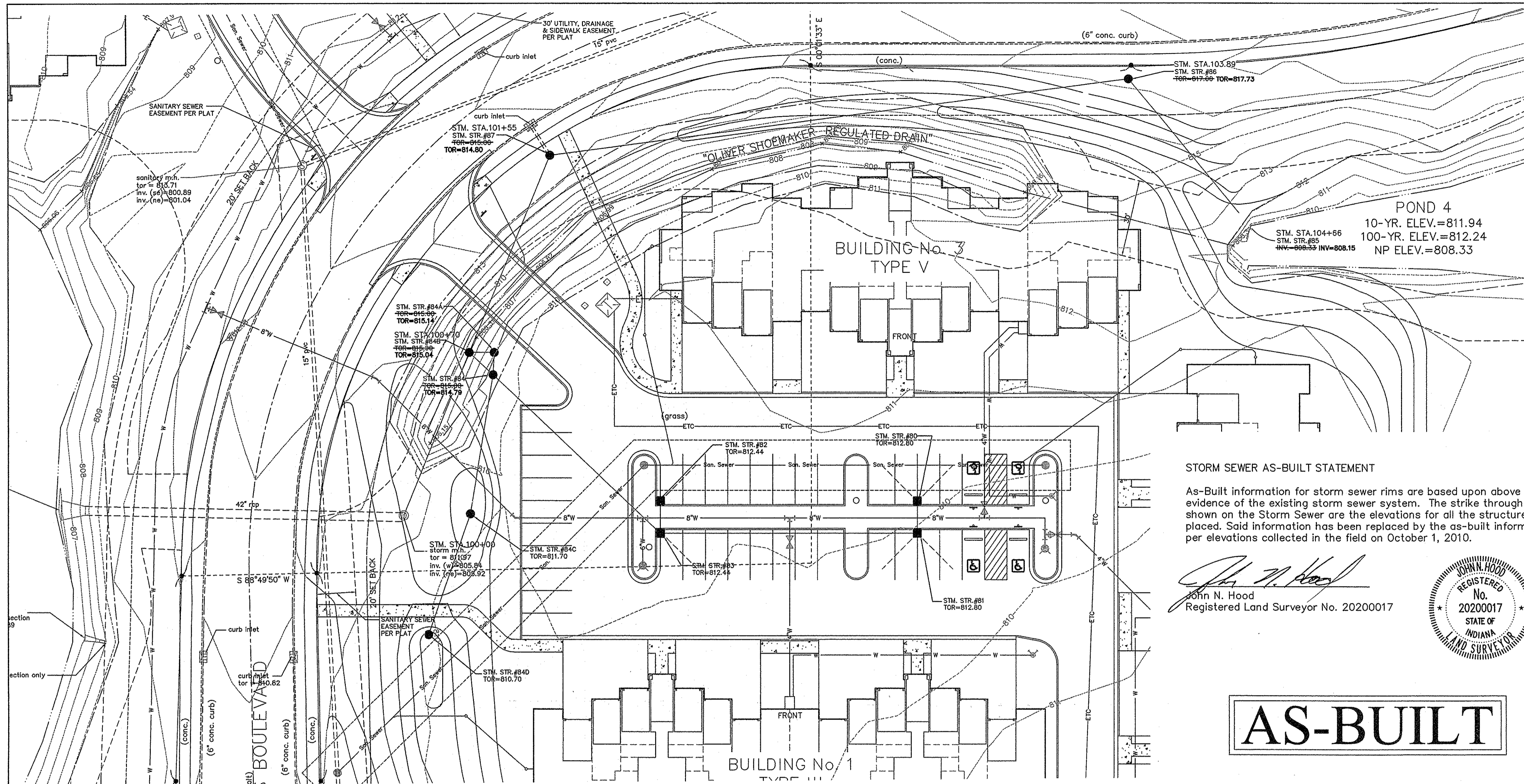
Telephone Number: _____

317-547-5580



INDIANA REGISTRATION NUMBER

PE10606045



PROPOSED LEGEND

- M.E. MATCH EXISTING
- EP EDGE OF PAVEMENT
- BC BOTTOM OF CURB
- TC TOP OF CURB
- CONTOURS
- FLOW LINE
- CURB ELEVATIONS
- SPOT ELEVATIONS

Scale: 1"=20'

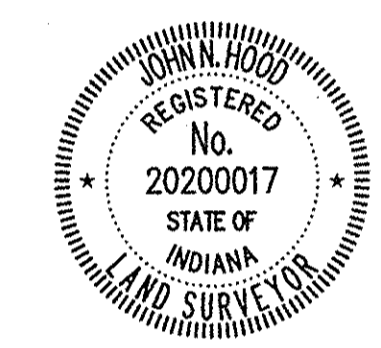
EXISTING LEGEND

- TRANSFORMER
- INLET
- LID
- WATER VALVE
- SANITARY MANHOLE
- FIRE HYDRANT
- GAS VALVE
- SIGN
- TREE
- DRAINAGE MANHOLE
- BEEHIVE INLET
- TELEPHONE PEDESTAL
- COMBINATION POLE
- BEHIND THE CURB INLET
- CURB INLET
- TRAFFIC MANHOLE
- DETECTOR HOUSING
- LIGHT POLE
- MANHOLE
- RIGHT OF WAY MONUMENT
- ELECTRIC METER BOX
- REBAR FOUND

STORM SEWER AS-BUILT STATEMENT

As-Built information for storm sewer rims are based upon above ground evidence of the existing storm sewer system. The strike through data shown on the Storm Sewer are the elevations for all the structures to be placed. Said information has been replaced by the as-built information per elevations collected in the field on October 1, 2010.

John N. Hood
 John N. Hood
 Registered Land Surveyor No. 20200017



AS-BUILT

BENCH INFO (88 DATUM)

HSE19
 HSE DISC IN CONCRETE ON NORTH SIDE OF PLANTANA ENTRANCE FROM CUMBERLAND ROAD, 36.5' N OF CUT "X" IN SIDEWALK ALONG PLANTANA BOULEVARD, 46.5' E OF CUT "X" IN ASPHALT PATH ALONG CUMBERLAND AND 8' SW OF ENTRANCE WALL.
 ELEV.=822.36

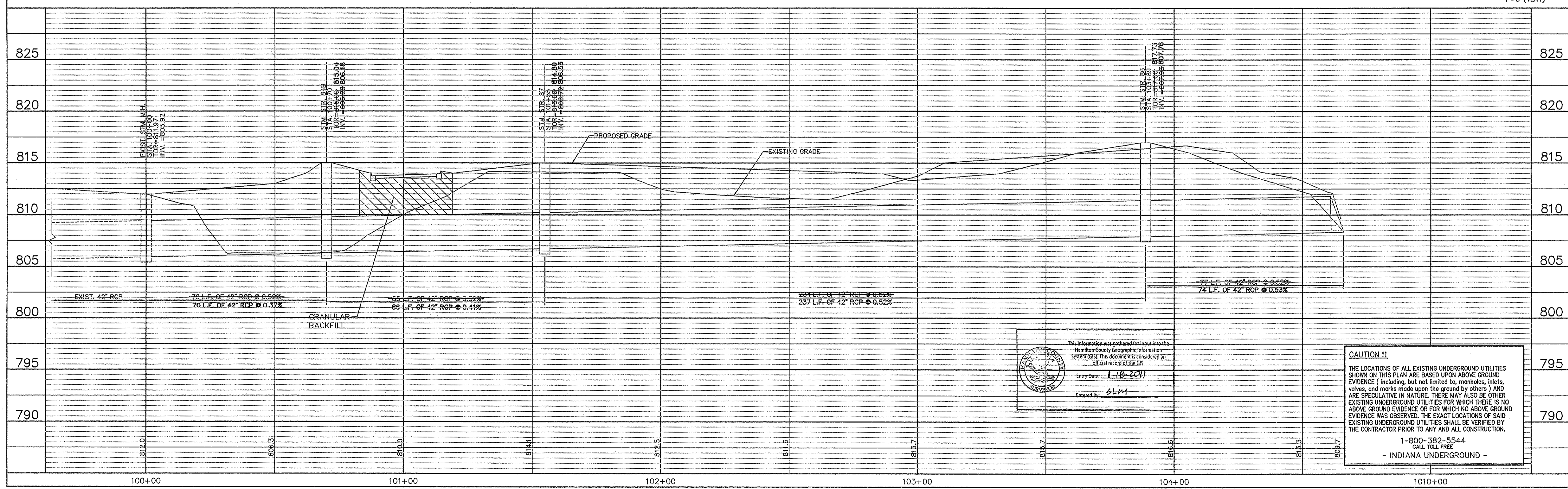
BM N237
 A USCGS DISK STAMPED "N237" IN CONCRETE AT THE SOUTHWEST CORNER OF 146TH STREET AND CUMBERLAND ROAD.
 ELEV = 825.90

TBM #20
 CHISELED "X" IN THE EAST BOLT OF A FIRE HYDRANT, WEST SIDE OF CUMBERLAND ROAD AND ON THE NORTH SIDE OF 146TH STREET.
 ELEV = 820.90

TBM #21
 RAILROAD SPIKE IN THE NORTH SIDE OF POWERPOLE #890-5132, SOUTH SIDE 146TH STREET EXTENDED AND AT THE NORTHEAST CORNER OF WOODBERRY SUBDIVISION.
 ELEV = 826.69

TBM #22
 RAILROAD SPIKE IN THE WEST SIDE OF POWERPOLE #890-5123, SOUTH SIDE 146TH STREET EXTENDED AND AT THE NORTH SIDE OF COMMUNITY PARK IN WOODBERRY SUBDIVISION.
 ELEV = 825.53

SCALE: 1"=20' (HORIZ)
 1"=5' (VERT)



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: 1-18-2011
 Entered By: SLM

CAUTION !!

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and 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 SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

1-800-382-5544
 CALL TOLL FREE
 - INDIANA UNDERGROUND -

7280 SHADELAND STATION
 INDIANAPOLIS, IN 46286-3957
 TEL 317.547.5680 FAX 317.543.0270
 www.structurepoint.com

AMERICAN
STRUCTUREPOINT
 INC.

CERTIFIED BY

REGULATED DRAIN PLAN & PROFILE

PREPARED FOR:
BROOKVIEW PROPERTIES II, LLC
 805 CITY CENTER DRIVE, SUITE 400
 CARMEL, INDIANA 46032

PROJECT:
PRAIRIE LAKES APARTMENTS
 141ST STREET AND PRAIRIE LAKES BLVD.
 NOBLESVILLE, INDIANA

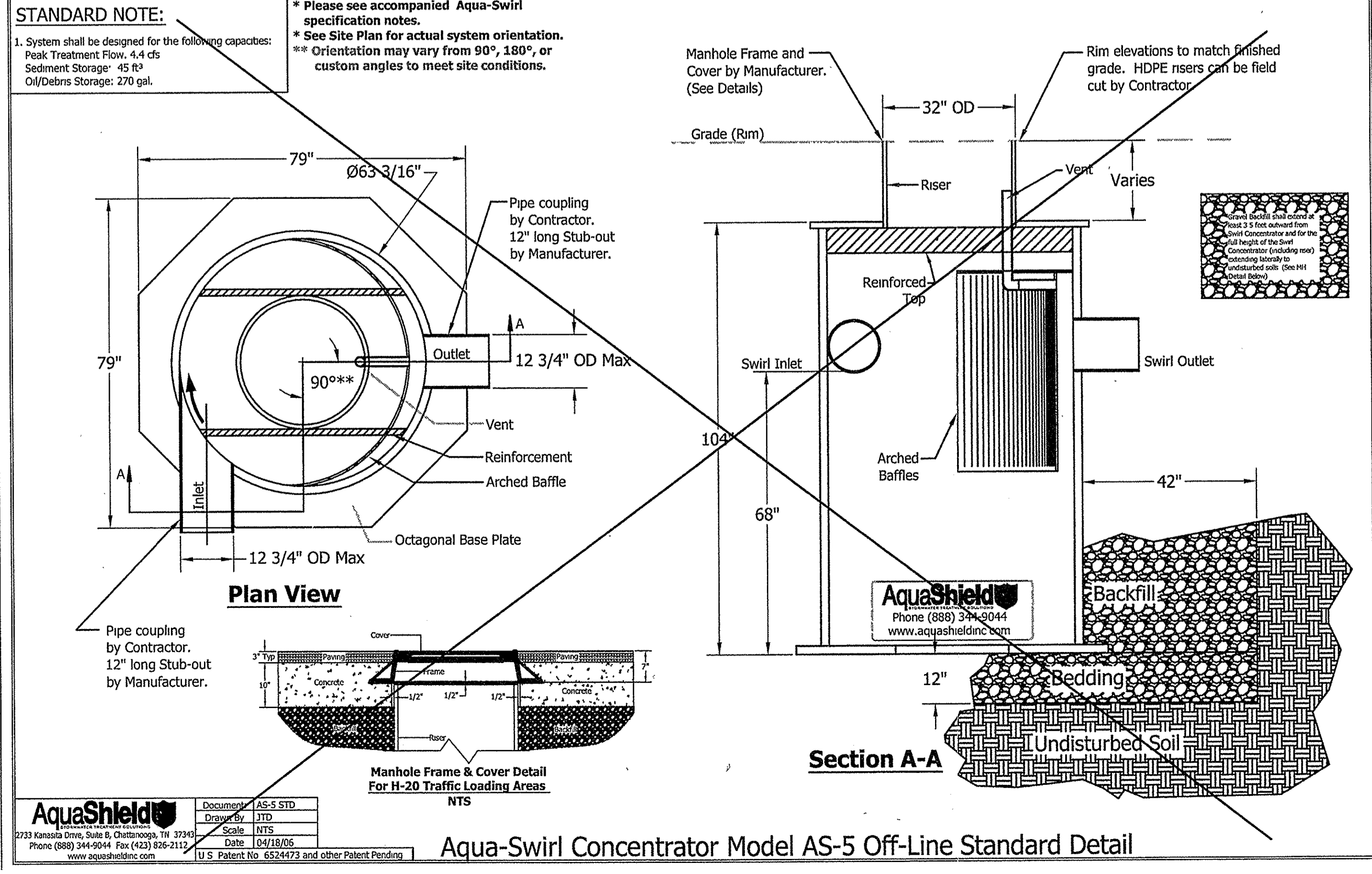
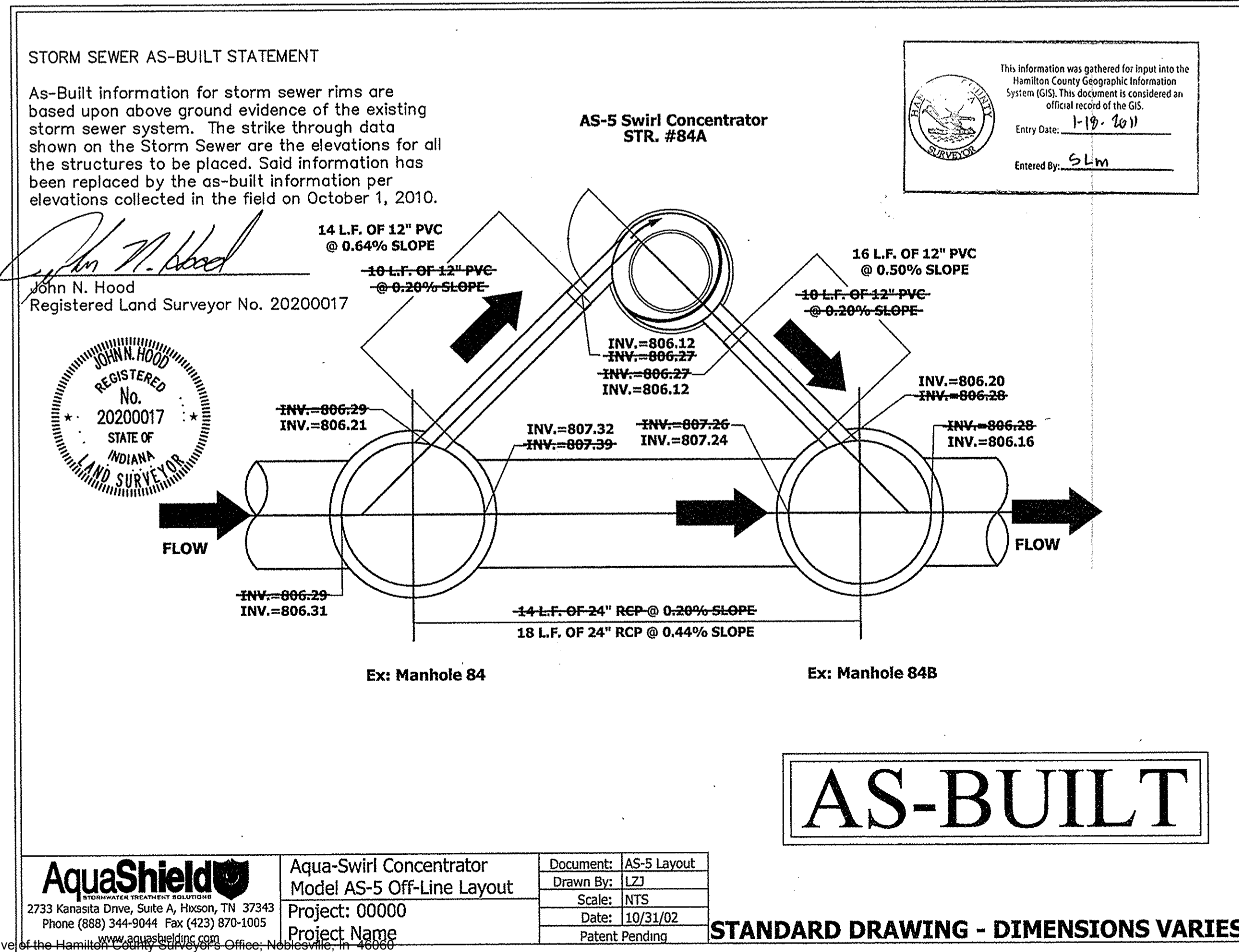
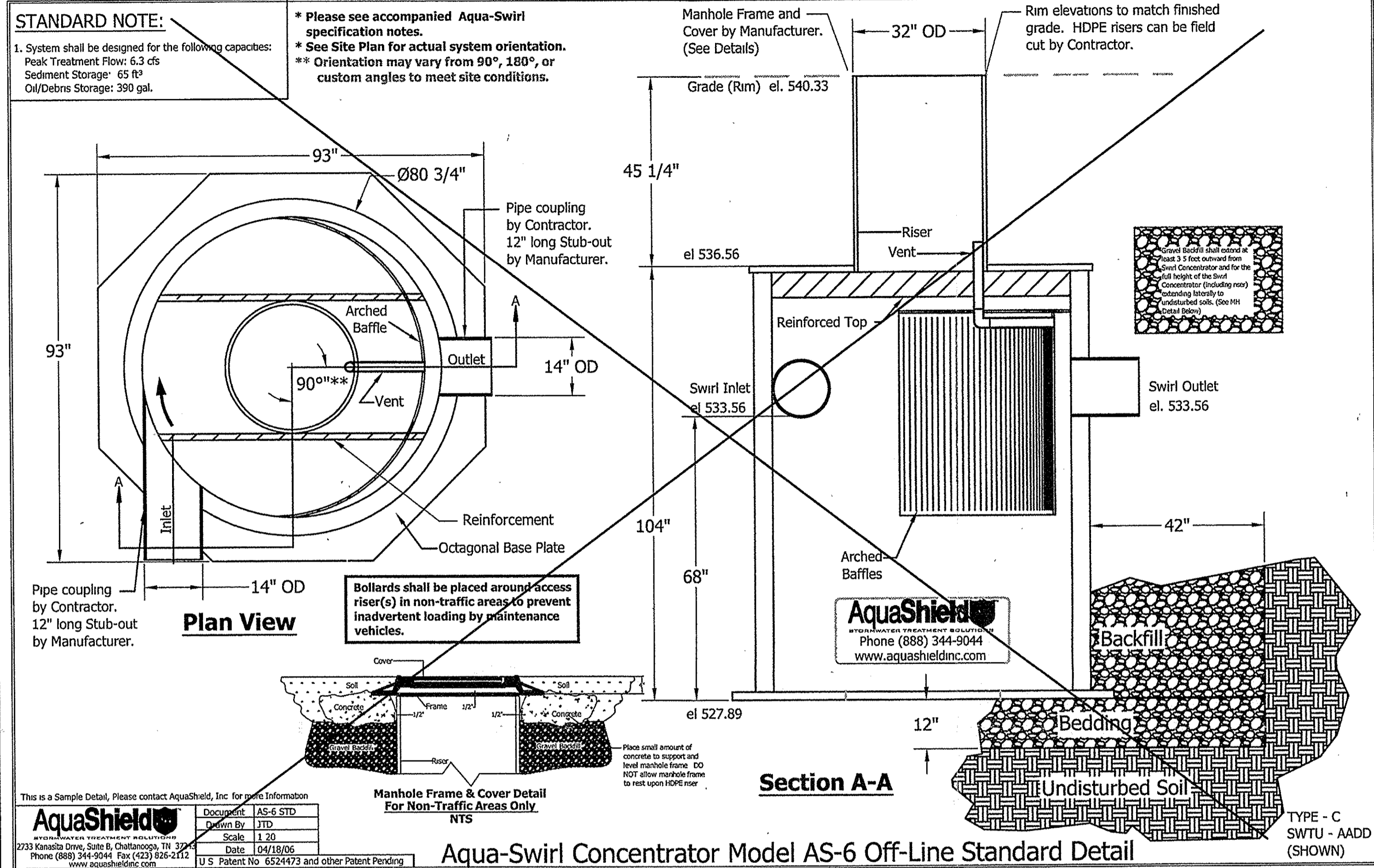
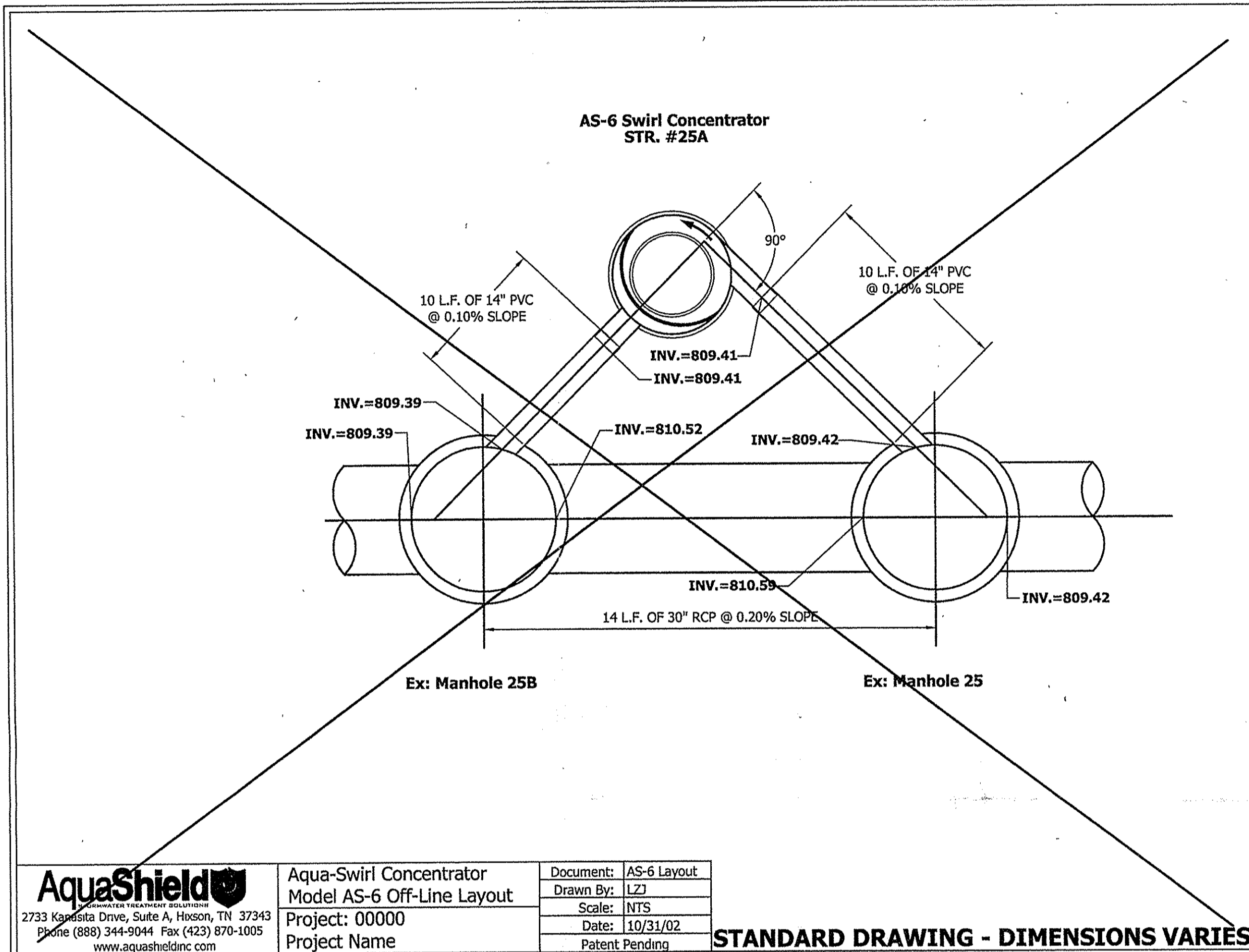
DATE: 01/28/2008
 DRAWN BY: JMS
 CHK'D BY: WAB
 JOB NO: IN2007.1149

REVISIONS	
PER TAC COMMENTS	03/13/08

SHEET NO.
C4.17
 OF

AQUA-SWIRL™ SPECIFICATION NOTES
City of Noblesville, Indiana

- Manufacturer shall be responsible for complete assembly of Swirl Concentrator.
- Swirl Concentrator shall be fabricated from high-density polyethylene (HDPE) ASTM F 714 cell class 3454640 per ASTM D 3350. The Swirl Concentrator wall (greater than 64" OD) shall be fabricated from profile wall HDPE ASTM F 894 RSC 250.
- HDPE stub outs and internal components shall be extrusion welded using accepted welding practices. Stub outs shall be supplied by Manufacturer and welded on inside and outside.
- If lifting eyes disturb grade elevation (rim) or concrete pad rebar alignment, they may be cut in field after installation of Swirl Concentrator by Contractor.
- Manufacturer shall supply direct access to Swirl Concentrator via 32-inch OD riser(s), which can be field cut to match finished grade by Contractor.
- Contractor shall supply pipe couplings to and from Swirl Concentrator, which shall be Fernox or Mason style neoprene gasket with stainless steel tension bands and shear guard. For corrugated plastic pipe, or pipe with a diameter of 24" or larger, it is recommended that Contractor use a Mar Mac coupling (www.mar-mac.com: http://www.mar-mac.com), or equal, with adhesive mastic and lightning bands to create a watertight seal around the joint. The joint shall then be immobilized with a concrete collar with compacted base as described in either Note 11 or 12 herein. Mar Mac, or equal, couplings shall overlap the pipe joint a minimum of 1 foot on either side.
- Contractor shall prepare excavation and off-load Swirl Concentrator. Contractor is responsible for bedding and backfill around Swirl Concentrator as detailed on site plan. (See notes 11 and 12)
- Manufacturer shall supply standard manhole frame(s) and cover(s). (Traffic rated H20)
- Where traffic loading (H-20) is required or anticipated, a reinforced concrete pad must be placed over the entire Swirl Concentrator per concrete design as calculated by Engineer. Sample of typical concrete design detail is available upon request.
- Unless other traffic barriers are present, bollards shall be placed around access risers in non-traffic areas to prevent inadvertent loading by maintenance vehicles. Sample of typical bollard installation detail and recommended locations of bollards around the Swirl Concentrator can be provided upon request.
- Excavation and Bedding - The trench and trench bottom shall be constructed in accordance with ASTM D-2321, Section 6, Trench Excavation, and Section 7, Installation. The HDPE Swirl Concentrator shall be installed on a stable base consisting of 12-inches of Class 1 stone materials as defined by ASTM D2321, Section 5, Materials, (e.g. Crushed, washed, Number 8 Stone) and compacted to 95% proctor density. All required safety precautions for Swirl Concentrator installation are the responsibility of the Contractor.
- Backfill Requirements - Backfill materials shall be Class 1 Stone as defined by ASTM D2321, Section 5, Materials (e.g. Crushed, washed, number 8 stone), and compacted to 90% proctor density. Backfill and bedding materials shall be free of debris. Backfilling shall conform to ASTM F1759, Section 4.2, "Design Assumptions". Backfill shall extend at least 42 inches outward from Swirl Concentrator and for the full height of the Swirl Concentrator (including riser(s)) extending laterally to undisturbed soils.



STORM SEWER AS-BUILT STATEMENT

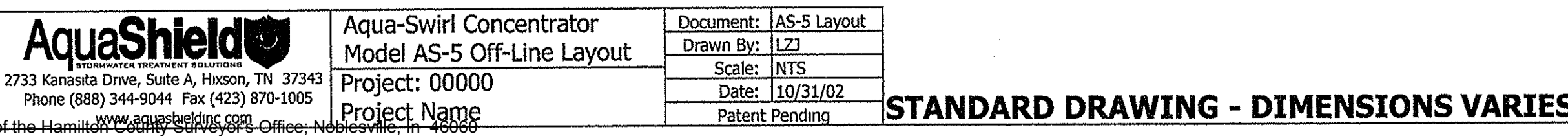
As-Built information for storm sewer rims are based upon above ground evidence of the existing storm sewer system. The strike through data shown on the Storm Sewer are the elevations for all the structures to be placed. Said information has been replaced by the as-built information per elevations collected in the field on October 1, 2010.

John N. Hood
Registered Land Surveyor No. 20200017



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: 1-10-2011
Entered By: SLM

AS-BUILT



7560 SHADLAND STATION
INDIANAPOLIS, IN 46256-3957
TEL 317 517 5580 FAX 317 543 0270
www.structurepoint.com

AMERICAN
STRUCTUREPOINT
INC.

CERTIFIED BY

PREPARED FOR:
BROOKVIEW PROPERTIES II, LLC
805 CITY CENTER DRIVE, SUITE 140
CARMEL, INDIANA, 46032

DETAILS

PROJECT:
PRAIRIE LAKES APARTMENTS
141ST STREET AND PRAIRIE LAKES BLVD.
NOBLESVILLE, INDIANA

DATE:	01/28/2008
DRAWN BY:	CWW
CHK'D BY:	WAB
JOB NO.:	IN2007.1149
REVISIONS	
PER. TAC.	03/13/08
GEN. REV.	10/14/08

SHEET NO.
C6.4
OF