

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 5, 2011

To: Hamilton County Drainage Board

Re: Cool Creek Drain – George Seybold Arm

Attached is a petition and plans for the proposed relocation of the Cool Creek Drain, George Seybold Arm. The relocation is being proposed by the City of Westfield. The proposal is to reconstruct the portion of the drain that falls within the Westfield Grand Park area to provide an outlet for Grand Park and the off-site area of the George Seybold Arm.

The line will consist of the following as shown on sheets LD500 and LD501 of the plans for Grand Park by American Structurepoint, dated 6-28-11, and having job number 201100689:

- 108 feet of 30" RCP from Str. 30 to Str. 31 (intercepts original tile at Sta. 12+00)
- 300 feet of 30" RCP from Str. 31 to Str. 32
- 300 feet of 30" RCP from Str. 32 to Str. 33
- 93 feet of 30" RCP from Str. 33 to Str. 34
- 127 feet of 30" RCP from Str. 34 to Str. 35
- 110 feet of 30" RCP from Str. 35 to Str. 36
- 116 feet of 30" RCP from Str. 36 to Str. 37
- 101 feet of 30" RCP from Str. 37 to Str. 38
- 529 feet of Open Ditch from Str. 38 to Str. 39/42
- 32 feet of 30" RCP from Str. 39 to Str. 40
- 131 feet of 30" RCP from Str. 40 to Str. 41
- 32 feet of 30" RCP from Str. 42 to Str. 43
- 131 feet of 30" RCP from Str. 43 to Str. 44
- 309 feet of Open Ditch from Str. 41/44 to Str. 45
- 130 feet of 48" RCP from Str. 45 to Str. 46
- 235 feet of 48" RCP from Str. 46 to Str. 47
- 165 feet of 48" RCP from Str. 47 to Str. 48
- 783 feet of Open Ditch from Str. 48 to Str. 49
- 150 feet of 48" RCP from Str. 49 to Str. 50

The total length of new drain shall be 3882 feet. The 3013 feet of original drain between Sta. 12+00 and Sta. 42+13, per the original 1898 legal description shall be vacated. This proposal will add an additional 869 feet to the total length of the Cool Creek Drain, George Seybold Arm.

The open ditch listed above is the 3 sections of open ditch through the 3 detention ponds. They are a straight line from Str. 48 to Str. 49 in pond 1, from Str. 41/44 to Str. 45 in pond 2, and from Str. 38 to Str. 39/42 in pond 3.

The retention ponds (lake) located inline with this drain are not to be considered part of the regulated drain. Only the inlets and outlets will be maintained as part of the regulated drain. The maintenance of the pond (lake) will be the responsibility of the City of Westfield. The Board will however retain jurisdiction for ensuring the storage volume for which the pond (lake) was designed will be retained. Thereby, allowing no fill or easement encroachments.

The cost of the relocation is to be paid by the City of Westfield.

Since this is a project by a municipal entity, City of Westfield, no bonds are required by the Drainage Board.

The parcels that will be affected by this relocation are:

<u>Parcel</u>	<u>Owner</u>
08-05-26-00-00-008.000	Rachel Merrill, Jeffrey W Morris, Jennifer L Cole, Joseph S Morris & Julianne B Merrill
08-05-26-00-00-009.000	James Craig Wood and Sandra Malott Wood
08-05-25-00-00-058.000	City of Westfield
191 st Street ROW	Hamilton County Highway Department

The easement for the new drain will be 25 feet per half from the centerline of the new drain. The City of Westfield will provide written easement dedication and descriptions in the near future.

I recommend that the Board set a hearing for this drain for August 22, 2011.

Sincerely



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

Engineer's Opinion of Probable Cost of Construction

Project: Grand Park - Legal Drain Improvements
Project No: 2011.00689
Client: City of Westfield
Date: November 28, 2011
Prepared by: American Structurepoint, Inc.

Little Eagle Creek Arm Construction

Storm Sewer	Quantity	Unit	Unit Price	Extended Cost
36" RCP	2,387	LF	\$115.00	\$ 274,505.00
TYPE "J" MANHOLE	9	EA	\$2,600.00	\$ 23,400.00
CONCRETE END SECTION	1	EA	\$640.00	\$ 640.00
OUTLET CONTROL STRUCTURE	1	EA	\$5,000.00	\$ 5,000.00
Subtotal:				\$ 303,545.00

Anna Kendall Legal Drain Reconstruction

Storm Sewer	Quantity	Unit	Unit Price	Extended Cost
48" RCP	164	LF	\$125.00	\$ 20,500.00
CONCRETE ANCHOR	2	EA	\$1,000.00	\$ 2,000.00
Subtotal:				\$ 22,500.00

George Seybold Legal Drain Reconstruction

Storm Sewer	Quantity	Unit	Unit Price	Extended Cost
24" RCP	10	LF	\$56.50	\$ 565.00
48" RCP	1,780	LF	\$125.00	\$ 222,500.00
72" RCP	530	LF	\$250.00	\$ 132,500.00
TYPE "K" MANHOLE	12	EA	\$3,000.00	\$ 36,000.00
TYPE "M" MANHOLE	2	EA	\$5,500.00	\$ 11,000.00
CONCRETE ANCHOR	7	EA	\$1,000.00	\$ 7,000.00
CONCRETE END SECTION	1	EA	\$640.00	\$ 640.00
OUTLET CONTROL STRUCTURE	2	EA	\$5,000.00	\$ 10,000.00
Subtotal:				\$ 420,205.00

Contingency (5%)	37,312.50
Total:	783,562.50

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: George Seybold ARM - Cool Creek Drain)
Hamilton County, Indiana)

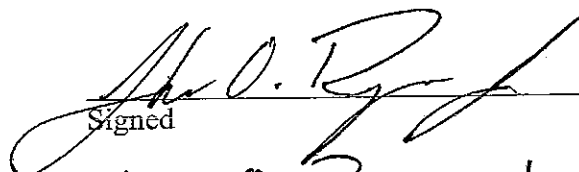
PETITION FOR RELOCATION AND RECONSTRUCTION

City of Westfield (hereinafter "Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the George Seybold ARM - Cool Creek Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the George Seybold ARM - Cool Creek 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 George Seybold ARM - Cool Creek 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 George Seybold ARM - Cool Creek Drain, without cost to other property owners on the watershed of the George Seybold ARM - Cool Creek Drain.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the George Seybold ARM - Cool Creek Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.


Signed
JOHN O. ROGERS, JR.
Printed

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

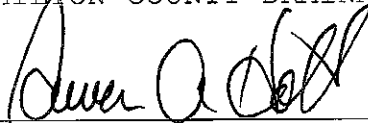
Cool Creek Drain, George Seybold Arm

Station 12+00 to Station 42+13

On this **12th day of September, 2011**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Cool Creek Drain, George Seybold Arm, Station 12+00 to Station 42+13**.

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 **Cool Creek Drain, George Seybold Arm, Station 12+00 to Station 42+13**.

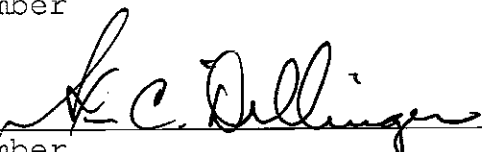
HAMILTON COUNTY DRAINAGE BOARD




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
Cool Creek Drain, George Seybold Arm

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the *Cool Creek Drain, George Seybold Arm* came before the Hamilton County Drainage Board for hearing *on September 12, 2011*, 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.

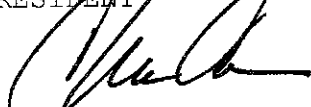
Wherefore, it is ORDERED, that the proposed Reconstruction of the *Cool Creek Drain, George Seybold Arm* be and is hereby declared established.

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:

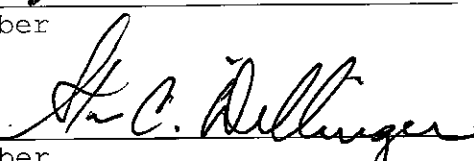
HAMILTON COUNTY DRAINAGE BOARD



PRESIDENT

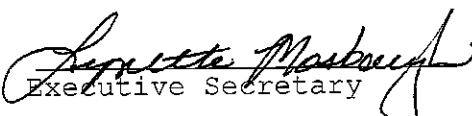


Member



Member

ATTEST:


Executive Secretary

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Cool Creek Drain, George Seybold Arm

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 **Cool Creek Drain, George Seybold Arm** on **August 22, 2011**, at **9:15 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 **Cool Creek Drain, George Seybold Arm**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **September 12, 2011** 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.

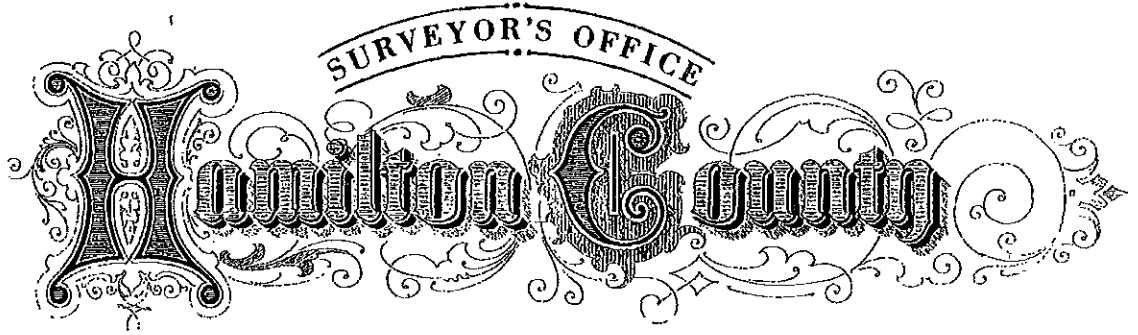
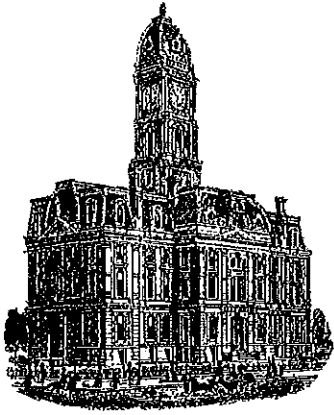
The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

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 A. Holt
PRESIDENT

ATTEST: Lynette Mosbaugh
SECRETARY



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 8, 2016

Re: George Seybold Drain – Grand Park Reconstruction

Attached are as-built, certificate of completion & compliance, and other information for the Grand Park Reconstruction of the Anna Kendall Drain. 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 5, 2011. The report was approved by the Board at the hearing held September 12, 2011. (See Drainage Board Minutes Book 13, Pages 568-570) The changes are as follows:

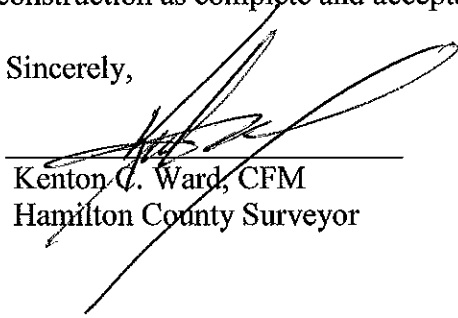
The 30" RCP was upsized to 1770 feet of 48" RCP and the 48" was upsized to 523 feet of 72" RCP. The open ditch installed was lengthened from 1621 feet to 1632 feet.

The length of the drain due to the changes described above is now **3,925 feet**. It should be noted that the original George Seybold was removed from Sta. 12 to Sta. 42+13.

The drainage easement was set at 25 feet per half and recorded under instrument #'s 2011044025 and 2012036911-15. Sureties were not required for this project as it was paid for by the City of Westfield.

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

Sincerely,


Kenton C. Ward, CFM
Hamilton County Surveyor

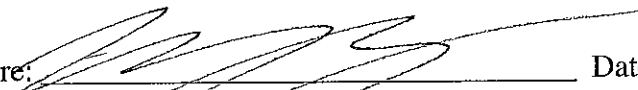
CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Grand Park Legal Drain Relocation George Seyhult Arm (West Creek)

I hereby certify that:

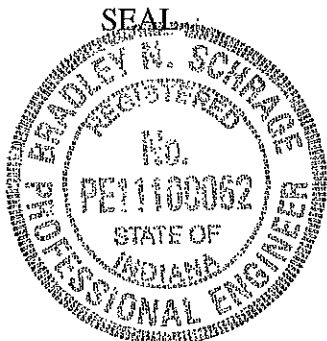
1. I am a Registered Land Surveyor or Engineer in the State of Indiana.
2. I am familiar with the plans and specifications for the above referenced subdivision.
3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision.
4. The drainage 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: 1/27/15

Type or Print Name: BRADLEY SCHRAGE

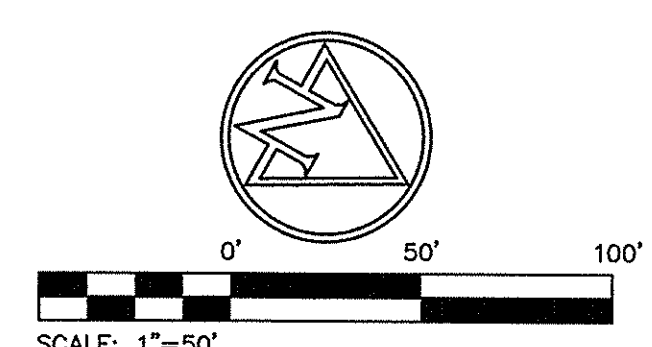
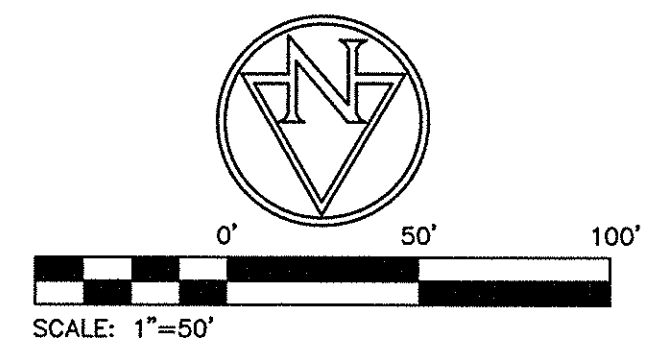
Business Address: American Structure point, Inc
9260 Shadeland Station
Indianapolis, IN 46256

Telephone Number: 317-547-5580



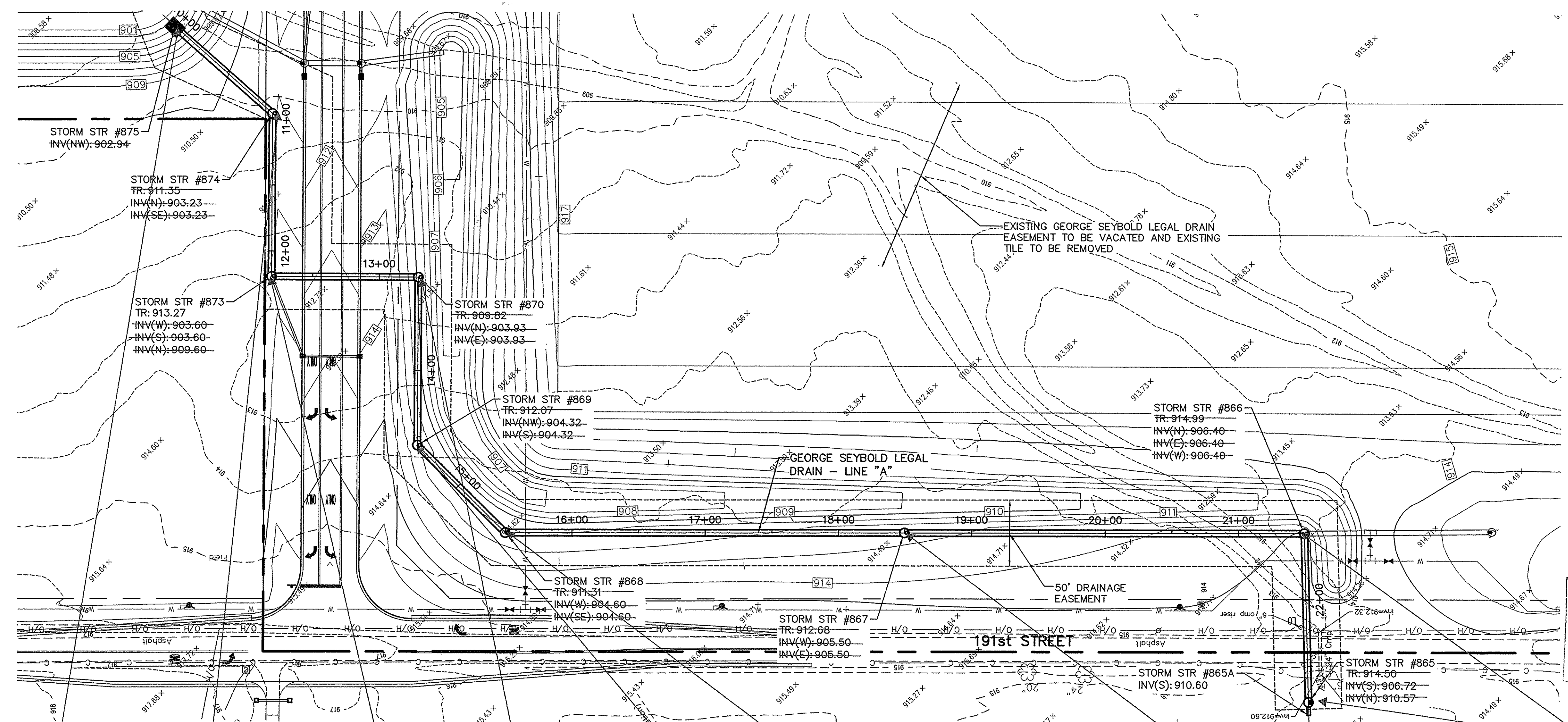
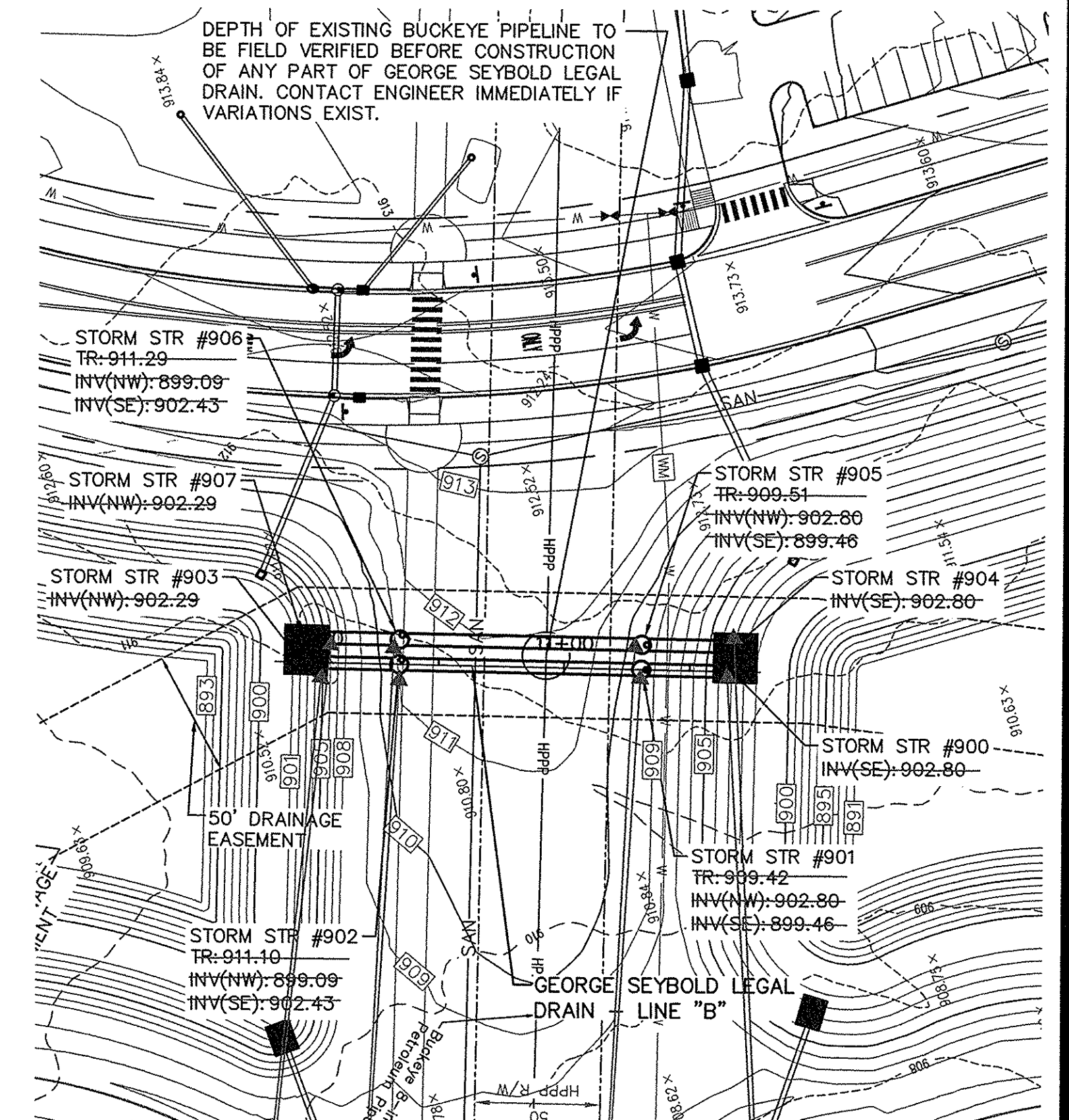
INDIANA REGISTRATION NUMBER

PE1100062



- EXISTING LEGEND**
- SPOT ELEVATION
 - POWER POLE
 - LIGHT POLE
 - GUY WIRE
 - MAG NAIL FOUND
 - REBAR FOUND
 - IRON PIN
 - SIGN
 - CABLE BOX
 - AIR CONDITIONING UNIT
 - TREE
 - PINE TREE
 - MARLBX
 - FENCE POST
 - FIBEROPTIC MANHOLE
 - GAS MARKER
 - ELECTRIC BOX
 - TELEPHONE PEDESTAL
 - ELECTRIC METER
 - OVERHEAD ELECTRIC
 - CABLE SERVICE
 - GAS MAIN
 - FENCE

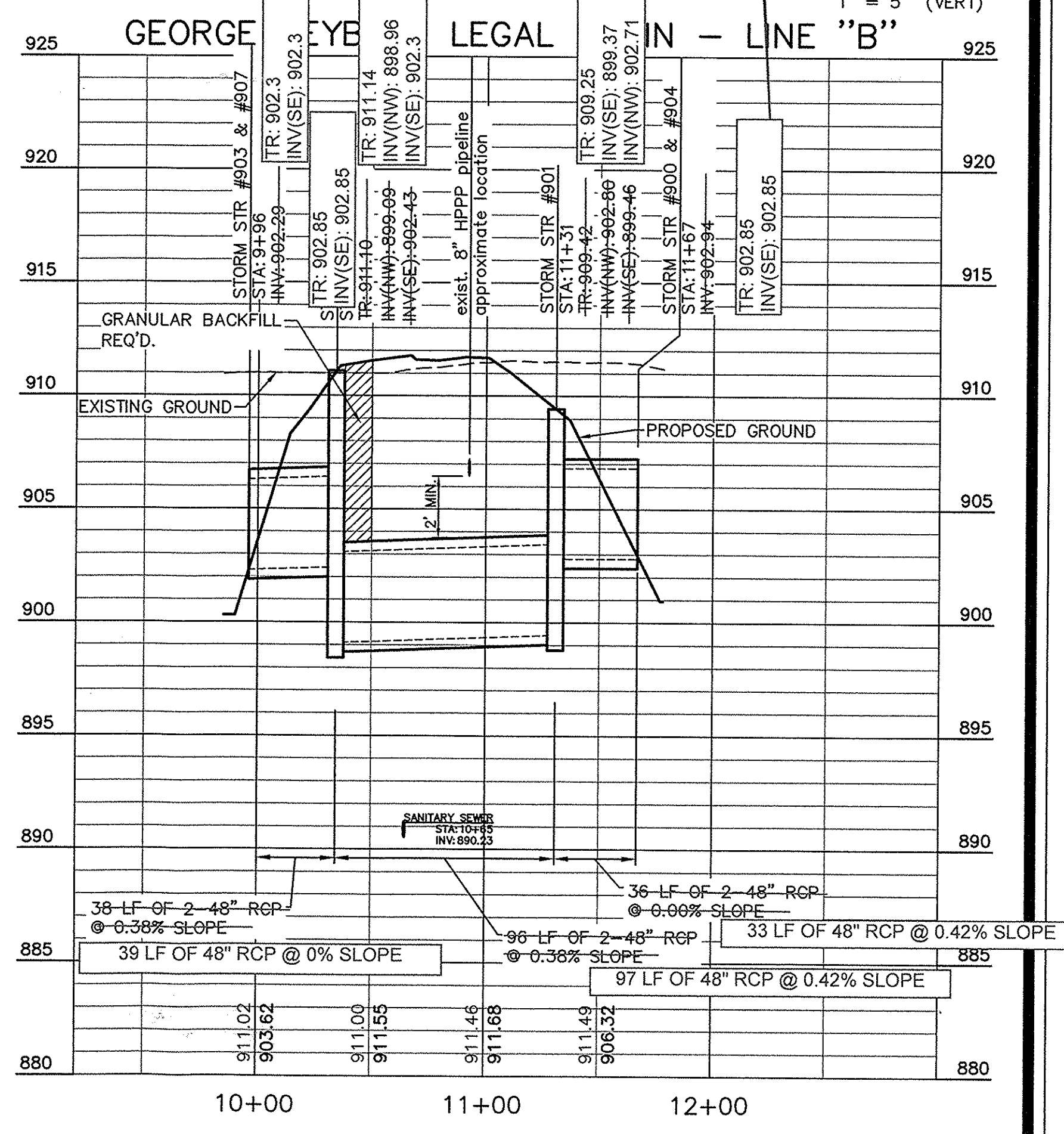
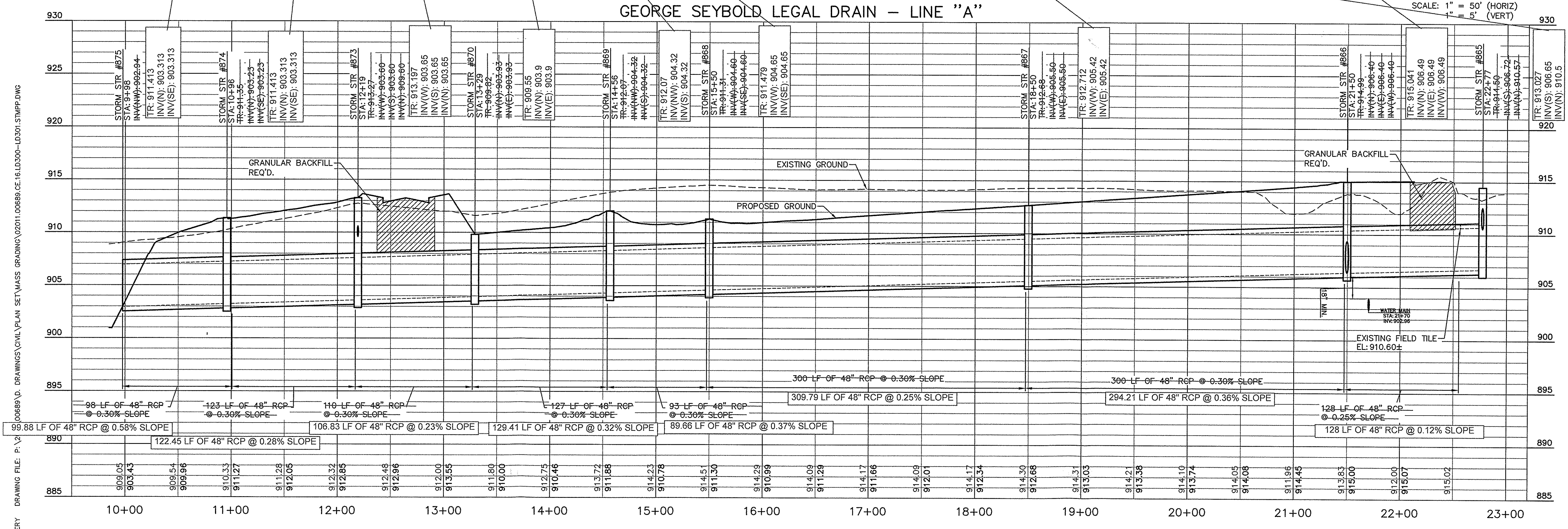
- PROPOSED LEGEND**
- GRANULAR BACKFILL
 - EXISTING PAVEMENT TO BE REMOVED
 - PAVEMENT TO BE SAWCUT
 - RIPRAP RAP RETN MATRESS OUTLET PROTECTION
- CAUTION!!**
 THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, 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.
 811 OR 1-800-382-5544
 CALL TOLL FREE
 INDIANA UNDERGROUND



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
 Entry Date: 2/26/2012
 Entered by: SLM

NOTE:
 ALL MAINTENANCE OF TRAFFIC SIGNAGE METHODS, MATERIALS AND CONSTRUCTION DETAILS FOR WORK WITHIN PUBLIC RIGHT-OF-WAY SHALL CONFORM TO HAMILTON COUNTY REQUIREMENTS, INDOT STANDARD DETOUR SHEETS AND SPECIFICATIONS AND THE INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THIS INCLUDES PLACING ROAD CONSTRUCTION AHEAD SIGNS, LANE MERGING SIGNS, FLASHING ARROW SIGNS, CONSTRUCTION BARRELS, ETC.

NOTE:
 REFER TO SS SHEETS FOR STORM SEWER STRUCTURE DATA TABLE.



- DEMOLITION NOTES:**
- ALL WORK TO CONFORM TO FEDERAL, STATE AND LOCAL REGULATIONS.
 - CONTRACTOR SHALL KEEP ADJOINING PROPERTIES CLEAN OF CONSTRUCTION DEBRIS AND CONSTRUCTION TRAFFIC AT ALL TIMES.
 - CLEAR AND GRUB ALL TREES AND VEGETATION NECESSARY FOR CONSTRUCTION.
 - PROTECT TREES TO REMAIN DURING CONSTRUCTION. PROVIDE TREE PROTECTION FENCING AT THE TREE DRIP LINE.
 - STORAGE OF MATERIALS AND PARKING OF EQUIPMENT AND VEHICLES BELOW TREE CANOPIES WITHIN THE TREE DRIP LINE IS PROHIBITED.
 - THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING STRUCTURES, FENCES, CONCRETE, ASPHALT PAVEMENT AND OTHER MISCELLANEOUS APPURTENANCES ON SITE, UNLESS NOTED TO REMAIN ON THE CONTRACT DRAWINGS.
 - THE USE OF ANY TYPE OF EXPLOSIVES WILL NOT BE PERMITTED.
 - CONDUCT DEMOLITION AND CONSTRUCTION OPERATIONS TO ENSURE MINIMAL INTERFERENCE WITH STREETS, WALKS AND OTHER ADJACENT OCCUPIED FACILITIES.
 - DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRED BY GOVERNING AUTHORITIES.
 - ENSURE SAFE PASSAGE OF PEDESTRIANS AND VEHICLES THROUGH DEMOLITION AND CONSTRUCTION. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT STRUCTURES AND OTHER FACILITIES AND INJURY TO PERSONS.
 - PROMPTLY REPAIR DAMAGE TO ADJACENT FACILITIES CAUSED BY DEMOLITION AND CONSTRUCTION OPERATIONS.
 - ALL UTILITY INFORMATION SHALL BE VERIFIED BY THE CONTRACTOR. CONTACT AMERICAN STRUCTUREPOINT IF ANY VARIATION EXISTS.
 - MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
 - ALL UTILITIES TO BE REMOVED SHALL BE DISCONNECTED AND CAPPED AT THE NEAREST CONNECTION POINT.

- GENERAL GRADING NOTES:**
- ALL WORK TO CONFORM TO STATE AND LOCAL REGULATIONS.
 - SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS (VERTICAL AND HORIZONTAL) IN THE FIELD PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM THE ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
 - THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY CONTRACTOR'S AND/OR UTILITY COMPANIES SO AS NOT TO CAUSE DAMAGE.
 - THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS BEFORE CONSTRUCTION IS TO START. TO VERIFY IF ANY UTILITIES ARE PRESENT ON SITE. ALL VERIFICATIONS (location, size and depth) SHALL BE MADE BY THE APPROPRIATE UTILITY COMPANIES. WHEN EXCAVATING AROUND OR OVER EXISTING UTILITIES, THE CONTRACTOR MUST NOTIFY THE UTILITY COMPANY TO SEND A REPRESENTATIVE OF THAT UTILITY COMPANY CAN PRESENT TO INSTRUCT AND OBSERVE DURING CONSTRUCTION.
 - TRENCHES FOR ALL STORM DRAIN LINES SHALL BE BACKFILLED COMPLETELY WITH GRANULAR MATERIAL IF WITHIN 5 FEET OF PAVEMENT.
 - AFTER STRIPPING TOPSOIL MATERIAL, PROOFROLL WITH A MEDIUM WEIGHT ROLLER TO DETERMINE LOCATIONS OF ANY POCKETS OF UNSUITABLE MATERIAL. THE NECESSITY FOR SUBDRAINS AND/OR REMOVAL OF ANY UNSUITABLE MATERIAL WITHIN THE PROPOSED PARKING AREAS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.

- PROVIDE POSITIVE DRAINAGE WITHOUT PONDING, IN ALL AREAS. AFTER INSTALLATION, CONTRACTOR TO TEST FOR, AND CORRECT, IF ANY, STANDING WATER CONDITIONS.
- ALL PROPOSED SPOT ELEVATIONS ARE THE FINAL PAVEMENT AND FINAL GRADE ELEVATIONS.
- SEE APPROPRIATE DETAILS TO DETERMINE SUBGRADE ELEVATIONS BELOW FINISH GRADE ELEVATIONS INDICATED.
- ALL STORM SEWER MATERIALS AND INSTALLATION SHALL CONFORM TO LOCAL STANDARDS.
- INVERTS AT PIPE OUTLETS ARE GIVEN AT END OF PIPE END SECTION.
- DEBRIS GUARD TO BE INSTALLED AT ALL OPEN ENDED INLETS.
- DUE TO SITE CONSTRAINTS, THE SITE MAY OR MAY NOT BALANCE. THE CONTRACTOR IS RESPONSIBLE FOR ALL EARTHWORK IMPORTS AND/OR EXPORTS.

GAS LINE NOTES:

- CONTRACTOR SHALL NOTIFY VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. PRIOR TO COMMENCING ANY WORK WITHIN 100' OF PIPELINE EASEMENTS.
- CONTRACTOR SHALL CONTACT VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. TO VERIFY THE DEPTH OF THE EXISTING PIPELINES AND NOTIFY ENGINEER ABOUT FINDINGS PRIOR TO COMMENCING ANY CONSTRUCTION.
- ALL PIPELINE UTILITY CROSSINGS AND TEMPORARY TRAFFIC CROSSINGS DURING CONSTRUCTION SHALL BE COORDINATED WITH VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. AND CONSTRUCTED IN ACCORDANCE WITH THEIR GUIDELINES FOR CROSSING GAS PIPELINES.

- NOTES:**
- CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION.
 - CONTRACTOR TO VERIFY LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION. CONTACT ENGINEER IF VARIATION EXISTS.
 - CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY OF ANY OBSTRUCTIONS WITHIN THE ALIGNMENT OF THE LEGAL DRAINS NOT NOTED ON THESE PLANS.
 - PROPOSED GRADE ABOVE LEGAL DRAINS TO MATCH EXISTING GRADE UNLESS OTHERWISE NOTED.
 - CONTRACTOR TO LOCATE, PERPETUATE AND RE-ESTABLISH ALL EXISTING FIELD TILES LOCATED DURING CONSTRUCTION. CONTRACTOR TO CONTACT AND COORDINATE ALL PERPETUATION EFFORTS WITH THE ENGINEER.

GRAN. BKFL	02/22/2012	SAN. REV.	07/09/2012
WATER REV.	03/07/2012	OWNER REV.	06/04/2012
GRADING	06/01/2012	SAN. REV.	08/17/2012
WET WELL	06/18/2012	OWNER REV.	08/10/2012

PREPARED FOR:
CITY OF WESTFIELD
 GRAND PARK CAMPUS AT WESTFIELD
 WESTFIELD, INDIANA 46074

PROJECT:
GEORGE SEYBOLD LEGAL DRAIN PLAN & PROFILE

DATE: 7/24/11
 CHK'D BY: SAC
 DRAWN BY: FED
 JOB NO.: 201100689

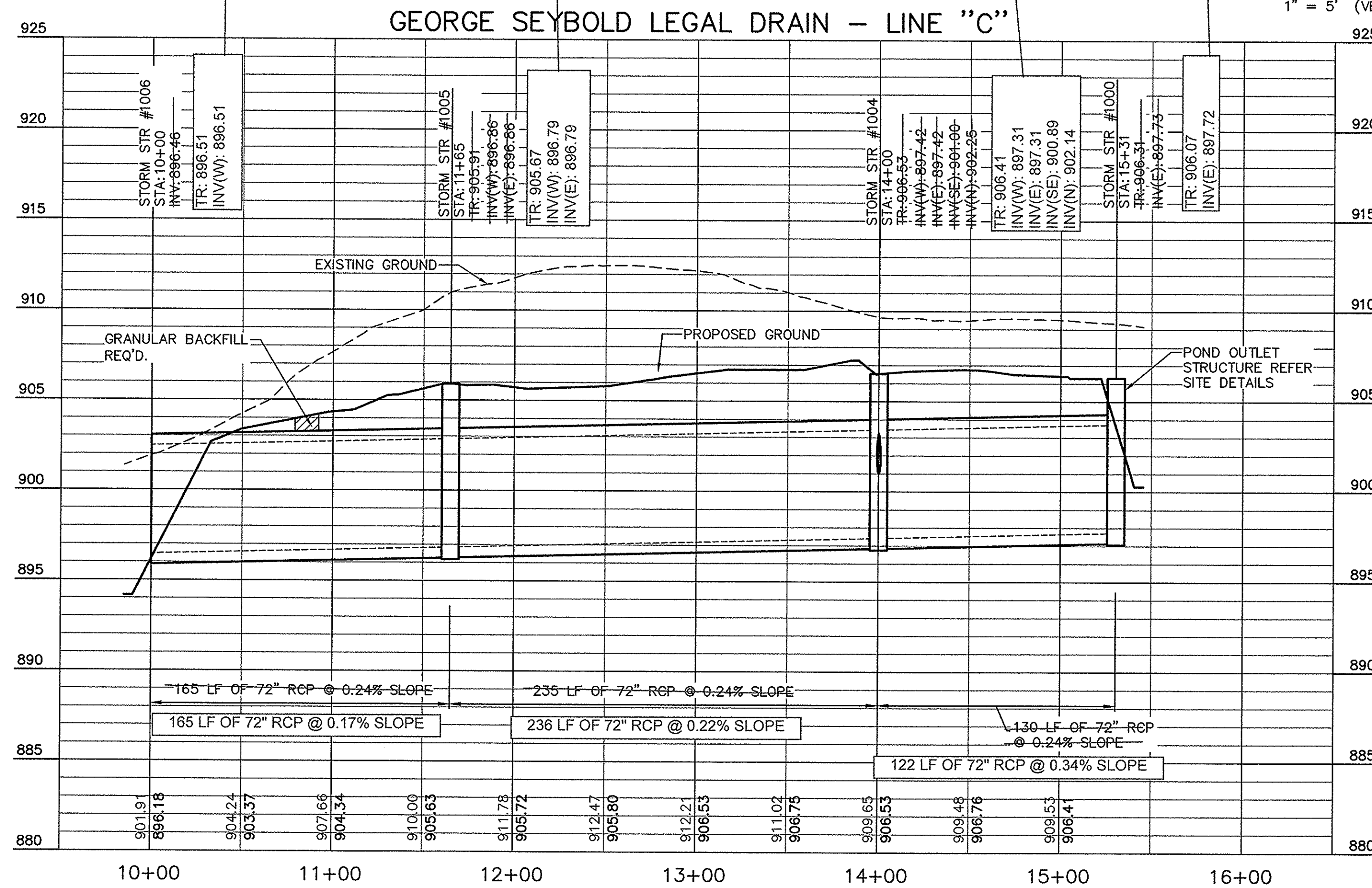
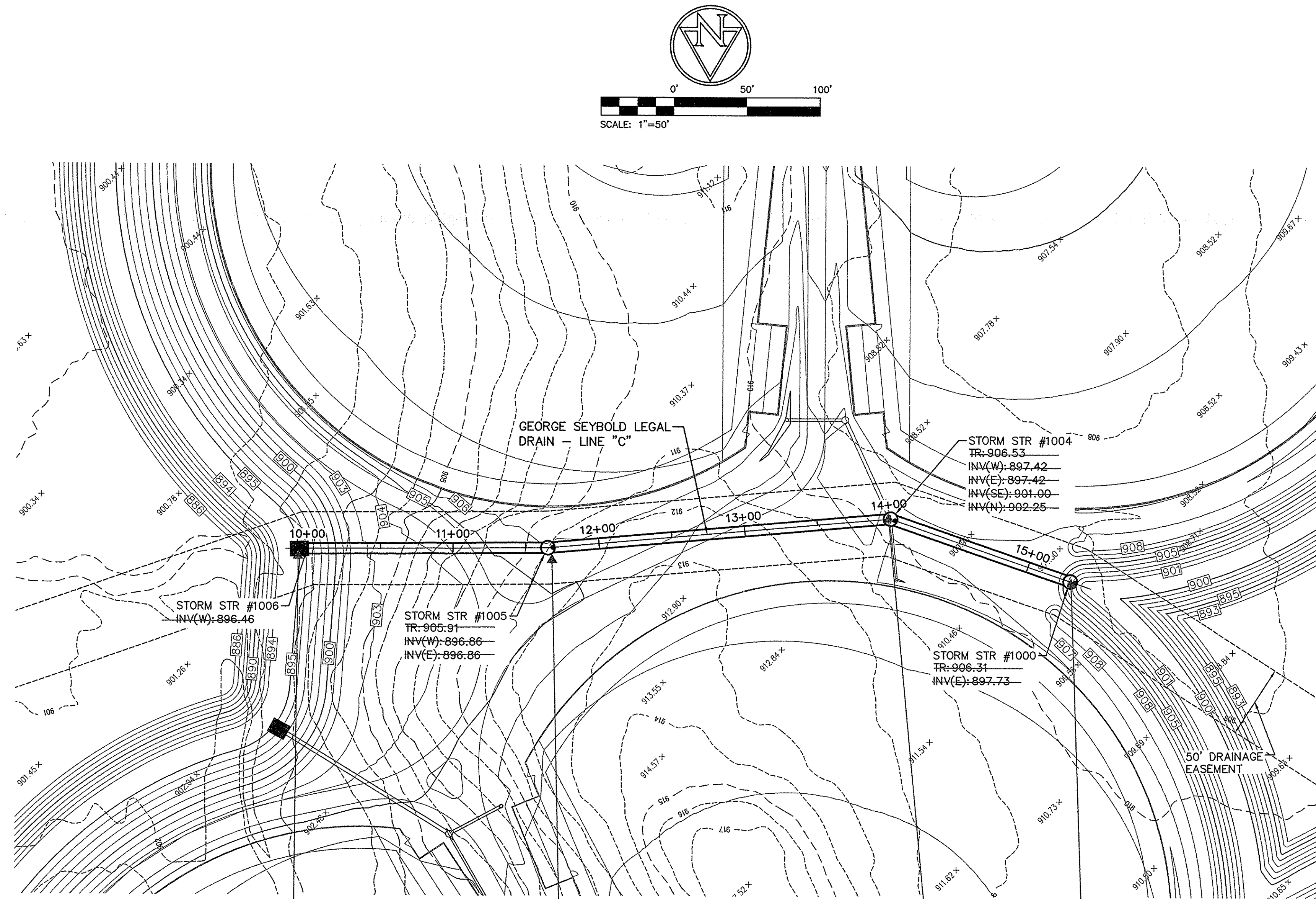
REVISIONS:

ASB	ASB	8/2/2011
ASB	ASB	8/2/2011
ASB	ASB	8/26/2011
ASB	ASB	11/03/2011
ASB	ASB	12/01/2011
ASB	ASB	01/17/2012
ASB	ASB	01/27/2012

SHEET NO.
LD300
 OF

AMERICAN STRUCTUREPOINT INC.
 7850 SHARPEL AND BATTION
 INDIANAPOLIS, IN 46256-3927
 TEL 317.547.6580 FAX 317.543.0270
 www.structurepoint.com

REGISTERED PROFESSIONAL ENGINEER
 No. PE 10707491
 STATE OF INDIANA
 EXPIRES 11/03/11
 CERTIFIED BY

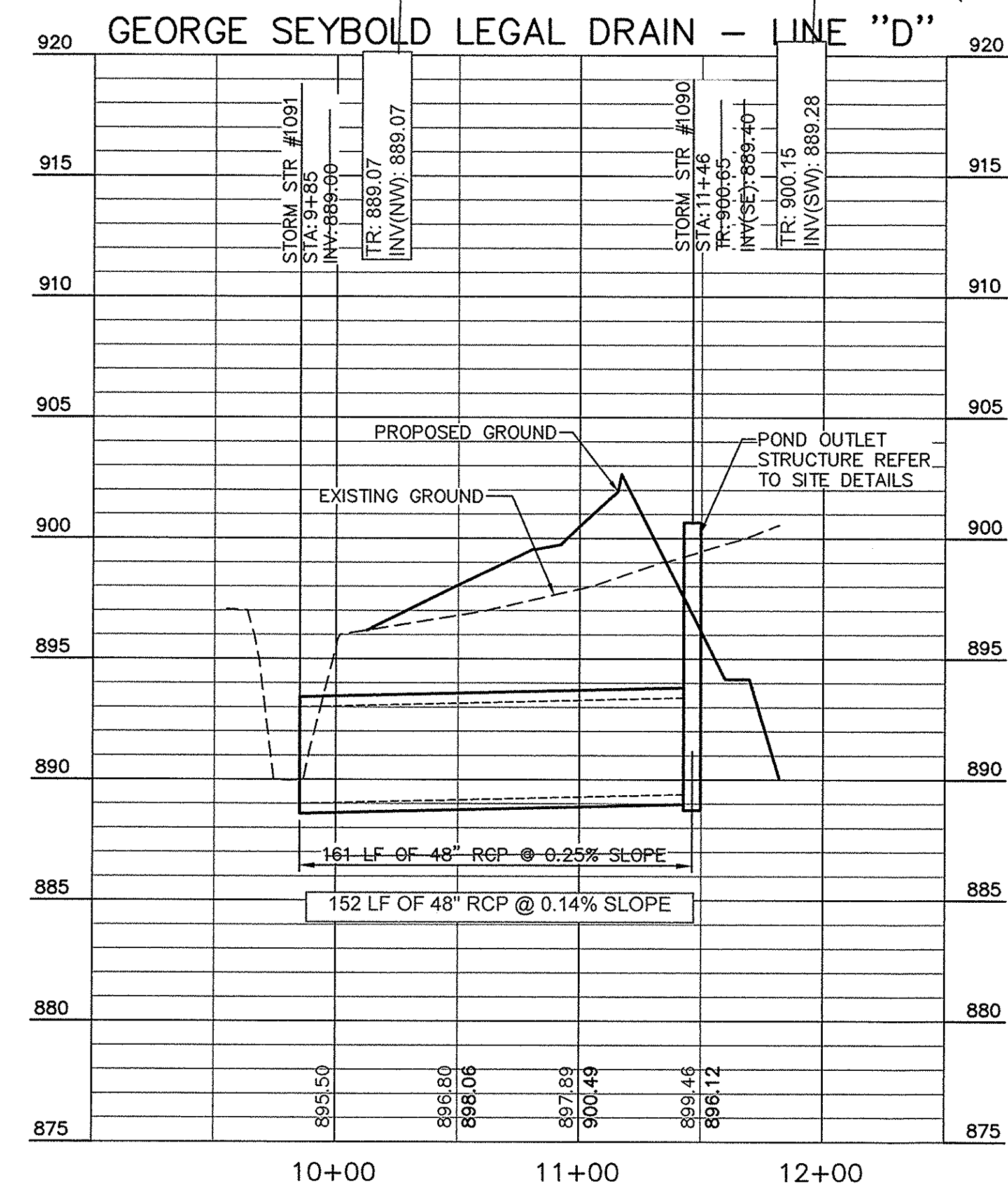
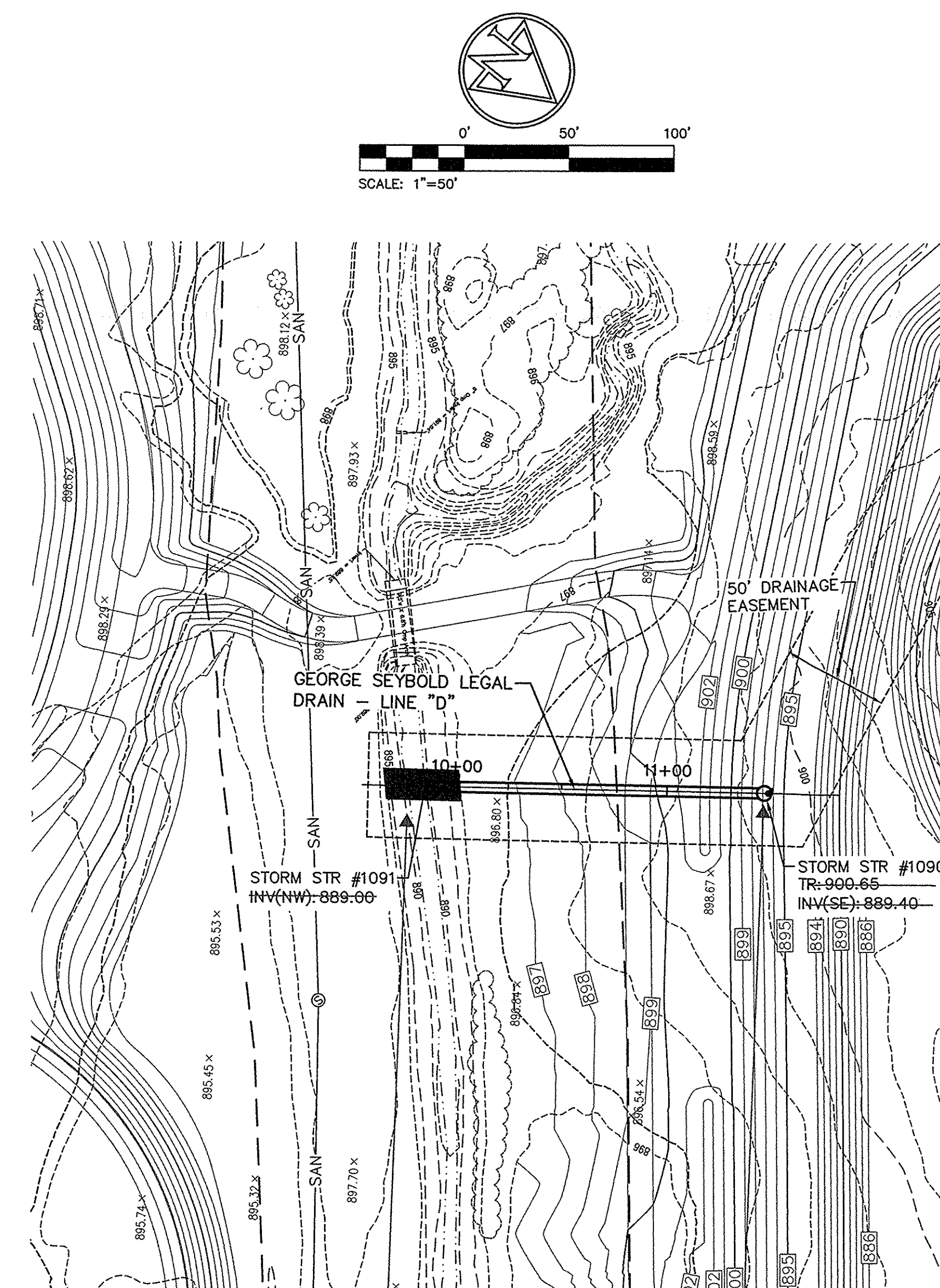


DEMOLITION NOTES:

- ALL WORK TO CONFORM TO FEDERAL, STATE AND LOCAL REGULATIONS.
- CONTRACTOR SHALL KEEP ADJOINING PROPERTIES CLEAN OF CONSTRUCTION DEBRIS AND CONSTRUCTION TRAFFIC AT ALL TIMES.
- CLEAR AND GRUB ALL TREES AND VEGETATION NECESSARY FOR CONSTRUCTION.
- PROTECT TREES TO REMAIN DURING CONSTRUCTION. PROVIDE TREE PROTECTION FENCING AT THE TREE DRIP LINE.
- STORAGE OF MATERIALS AND PARKING OF EQUIPMENT AND VEHICLES BELOW TREE CANOPIES WITHIN THE TREE DRIP LINE IS PROHIBITED.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING STRUCTURES, FENCES, CONCRETE, ASPHALT PAVEMENT AND OTHER MISCELLANEOUS APPURTENANCES ON SITE, UNLESS NOTED TO REMAIN ON THE CONTRACT DRAWINGS.
- THE USE OF ANY TYPE OF EXPLOSIVES WILL NOT BE PERMITTED.
- CONDUCT DEMOLITION AND CONSTRUCTION OPERATIONS TO ENSURE MINIMAL INTERFERENCE WITH STREETS, WALKS AND OTHER ADJACENT OCCUPIED FACILITIES.
- DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRED BY GOVERNING AUTHORITIES.
- ENSURE SAFE PASSAGE OF PERSONS AROUND AREAS OF DEMOLITION AND CONSTRUCTION. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT STRUCTURES AND OTHER FACILITIES AND INJURY TO PERSONS.
- PROMPTLY REPAIR DAMAGE TO ADJACENT FACILITIES CAUSED BY DEMOLITION AND CONSTRUCTION OPERATIONS.
- ALL UTILITY INFORMATION SHALL BE VERIFIED BY THE CONTRACTOR. CONTACT AMERICAN STRUCTUREPOINT IF ANY VARIATION EXISTS.
- MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
- ALL UTILITIES TO BE REMOVED SHALL BE DISCONNECTED AND CAPPED AT THE NEAREST CONNECTION POINT.

GENERAL GRADING NOTES:

- ALL WORK TO CONFORM TO STATE AND LOCAL REGULATIONS.
- SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS (VERTICAL AND HORIZONTAL) IN THE FIELD PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM THE ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
- THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY CONTRACTOR'S AND/OR UTILITY COMPANIES SO AS NOT TO CAUSE DAMAGE.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS BEFORE CONSTRUCTION IS TO START, TO VERIFY IF ANY UTILITIES ARE PRESENT ON SITE. ALL VERIFICATIONS (location, size and depth) SHALL BE MADE BY THE APPROPRIATE UTILITY COMPANIES. WHEN EXCAVATING AROUND OR OVER EXISTING UTILITIES, THE CONTRACTOR MUST NOTIFY THE UTILITY COMPANY SO A REPRESENTATIVE OF THAT UTILITY COMPANY CAN BE PRESENT TO INSTRUCT AND OBSERVE DURING CONSTRUCTION.
- TRENCHES FOR ALL STORM DRAIN LINES SHALL BE BACKFILLED COMPLETELY WITH GRANULAR MATERIAL IF WITHIN 5 FEET OF PAVEMENT.
- AFTER STRIPPING TOPSOIL MATERIAL, PROOFROLL WITH A MEDIUM WEIGHT ROLLER TO DETERMINE LOCATIONS OF ANY POCKETS OF UNSUITABLE MATERIAL. THE NECESSITY FOR SUBDRAINS AND/OR REMOVAL OF ANY UNSUITABLE MATERIAL WITHIN THE PROPOSED PARKING AREAS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.



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EXISTING LEGEND

SPOT ELEVATION
POWER POLE
LIGHT POLE
GUY WIRE
MAG NAIL FOUND
REBAR FOUND
IRON PIN
SIGN
CABLE BOX
AIR CONDITIONING UNIT
TREE
FINE TREE
MAILBOX
FENCE POST
FIBEROPTIC MANHOLE
GAS MARKER
ELECTRIC BOX
TELEPHONE PEDESTAL
ELECTRIC METER
ELECTRIC METER
O/H OVERHEAD ELECTRIC
C CABLE SERVICE
G GAS MAIN
F FENCE

PROPOSED LEGEND

GRANULAR BACKFILL
EXISTING PAVEMENT TO BE REMOVED
PAVEMENT TO BE SAWCUT
RIPRAP RAP PENO MATTRESS OUTLET PROTECTION

- NOTES:**
- CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION.
 - CONTRACTOR TO VERIFY LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION. CONTACT ENGINEER IF VARIATION EXISTS.
 - CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY OF ANY OBSTRUCTIONS WITHIN THE ALIGNMENT OF THE LEGAL DRAINS NOT NOTED ON THESE PLANS.
 - PROPOSED GRADE ABOVE LEGAL DRAINS TO MATCH EXISTING GRADE UNLESS OTHERWISE NOTED.
 - CONTRACTOR TO LOCATE, PERPETUATE AND RE-ESTABLISH ALL EXISTING FIELD TILES LOCATED DURING CONSTRUCTION. CONTRACTOR TO CONTACT AND COORDINATE ALL PERPETUATION EFFORTS WITH THE ENGINEER.

This information was generated for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.

Entry Date: 1/11/11

Entered By: SLM

NOTE:
REFER TO SS SHEETS FOR STORM SEWER STRUCTURE DATA TABLE.

NOTE:
ALL MAINTENANCE OF TRAFFIC SIGNAGE METHODS, MATERIALS AND CONSTRUCTION DETAILS FOR WORK WITHIN PUBLIC RIGHT-OF-WAY SHALL CONFORM TO HAMILTON COUNTY REQUIREMENTS. INDOT STANDARD DETOUR SHEETS AND SPECIFICATIONS AND THE INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THIS INCLUDES FLAGGING ROAD CONSTRUCTION AHEAD SIGNS, LANE MERGING SIGNS, FLASHING ARROW SIGNS, CONSTRUCTION BARRELS, ETC.

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.

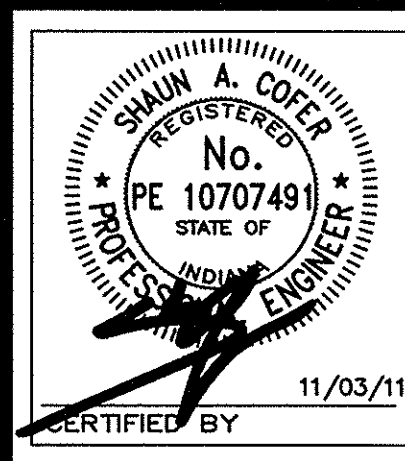
811 OR 1-800-382-5544
CALL TOLL FREE
- INDIANA UNDERGROUND -

GAS LINE NOTES:

- CONTRACTOR SHALL NOTIFY VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. PRIOR TO COMMENCING ANY WORK WITHIN 100' OF PIPELINE EASEMENTS.
- CONTRACTOR SHALL CONTACT VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. TO VERIFY THE DEPTH OF THE EXISTING PIPELINES AND NOTIFY ENGINEER ABOUT FINDINGS PRIOR TO COMMENCING ANY CONSTRUCTION.
- ALL PIPELINE UTILITY CROSSINGS AND TEMPORARY TRAFFIC CROSSINGS DURING CONSTRUCTION SHALL BE COORDINATED WITH VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. AND CONSTRUCTED IN ACCORDANCE WITH THEIR GUIDELINES FOR CROSSING GAS PIPELINES.

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AMERICAN
STRUCTUREPOINT
INC.



GEORGE SEYBOLD LEGAL DRAIN PLAN & PROFILE

PREPARED FOR:
CITY OF WESTFIELD
130 PENN STREET
WESTFIELD, INDIANA 46074

PROJECT:
GRAND PARK AT WESTFIELD
WESTFIELD, INDIANA

DATE: 7/24/11

CHK'D BY: SAC

DRAWN BY: PED

JOB NO.: 20110889

REVISIONS

ADDENDUM	8/8/2011
ADDENDUM	8/12/2011
EC REV	8/26/2011
FOR CONST.	11/03/2011
COMMENTS	12/01/2011
SAN. REV.	01/17/2012
WAT. REV.	01/27/2012

SHEET NO.
LD301
OF