

dwd

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

August 25, 2016

To: Hamilton County Drainage Board

Re: Little Eagle Creek Drain, West Rail at the Station Section 1 Arm

Attached is a petition filed by Beazer Homes of Indiana, LLP, along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the West Rail at the Station Section 1 Arm, Little Eagle Creek Drain to be located in Washington Township. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable, will improve the public health, benefit a public highway, and be of public utility and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

12" RCP	488 ft.	27" RCP	149 ft.
15" RCP	482 ft.	27" HP-Poly	64 ft.
18" RCP	323 ft.	30" RCP	205 ft.
21" RCP	709 ft.	36" RCP	180 ft.
21" HP-Poly	75 ft.	Open Ditch	100 ft.
24" RCP	163 ft.	6' SSD	5,809 ft.

The total length of the drain will be 8,747 feet.

The 100 feet of open ditch listed above is 40 feet from Str. 153 to Str. 126 and 60' from Str. 100, under 161st Street to Str 248, which is part of the Maple Knoll Section 3 Arm of Little Eagle Creek Drain.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and those main lines in rear yards. Only the main SSD lines which are located within the easement or right of way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain. The portion of the SSD which will be regulated other than those under curbs are as follows:

Curbline SSD in Streets:

Conductors Drive
Trestle Drive
Boxcar Court

Rear Yard SSDs:

Rear yard lots 20 and 21 from Str. 118 south to riser
Rear yard lots 22 and 23 from Str. 118 north to riser
Rear yard lots 24 and 25 from Str. 119 running south to riser
Rear yard lots 26 to 31 from Str. 119 running north to riser
Rear yard lots 32 to 38 from Str. 44 to Str. 122
Rear yard lots 39 and 40 from Str. 122 running south to riser

The retention pond (Pond #1) located in Common Areas B is not to be considered part of the regulated drain. Pond maintenance assumed by the Drainage Board shall only include the inlets and outlet as part of the regulated drain. The maintenance of the retention pond (lakes) such as sediment removal and erosion control along the banks, mowing and aquatic vegetation maintenance and control will be the responsibility of the Homeowners Association. The Board will retain jurisdiction for ensuring the storage volume for which the pond was designed will be retained. Thereby, allowing no fill or easement encroachments.

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$65.00 per platted lot, \$10.00 per acre for common areas, with a \$65.00 minimum, and \$10.00 per acre for roadways. With this assessment the total annual assessment for this drain will be \$2,348.60.

In accordance with IC 36-7-4-709, the petitioner did not submit surety for the proposed drain prior to construction commencing. If the petitioner/developer wants to submit final secondary plat for recording prior to the final inspection and approved as-built drawings, a bond will be required at that time.

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement requests. The request will be for the reduction of the regulated drain easement to those easement widths as shown on the secondary plats for West Rail at the Station Section 1 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for October 24, 2016.



Kenton C. Ward, CFM
Hamilton County Surveyor
KCW/pll

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

TO: HAMILTON COUNTY DRAINAGE BOARD
% Hamilton County Surveyor
One Hamilton County Square, Suite 188
Noblesville, IN. 46060-2230

In the matter of West Rail at the Station Subdivision, Section
One Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in West Rail at the Station Section One, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

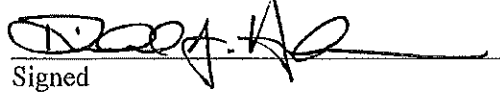
The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond or Non-Revocable Letter of Credit for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 120% of the Engineer's estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.
3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain file.
4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" Mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
5. The Petitioner shall comply with the Erosion Control Plan as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain as per IC 36-9-27-69(d).

RECORDED OWNER(S) OF LAND INVOLVED

Beaver Homes Indiana, LLP


Signed

Richard A. Henderson
Printed Name

6/23/16
Date

Signed

Printed Name

Date

Signed

Printed Name

Date

Signed

Printed Name

Date

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Little Eagle Creek Drain,
West Rail at the Station Section 1 Arm

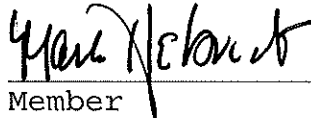
On this 24th day of October, 2016, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Little Eagle Creek Drain, West Rail at the Station Section 1 Arm*.

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

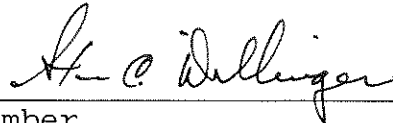
HAMILTON COUNTY DRAINAGE BOARD



President



Member



Member

Attest: 
Executive Secretary

WEIHE ENGINEERS

Land Surveying | Civil Engineering

Landscape Architecture

Build with confidence.

August 9, 2016

Greg Hoyes
Hamilton County Surveyors Office
One Hamilton Square S188
Noblesville, IN 46060

RE: WEST RAIL AT THE STATION SECTION ONE

Dear Greg:

On behalf of the developer, Beazer Homes Indiana, LLP, I am submitting the following Engineer's Estimate for West Rail at the Station Section One:

<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Contract</u>	<u>120% Contract</u>	<u>15% Contract</u>
<u>Storm Sewer</u>						
Manholes	8	EA	\$2,200.00	\$17,600	\$21,120	\$2,640
Large Beehive	11	EA	\$2,750.00	\$30,250	\$36,300	\$4,538
Small Beehive	3	EA	\$1,800.00	\$5,400	\$6,480	\$810
Curb Inlets	17	EA	\$2,300.00	\$39,100	\$46,920	\$5,865
Double Curb Inlets	8	EA	\$3,650.00	\$29,200	\$35,040	\$4,380
Outlet Structure	2	EA	\$2,400.00	\$4,800	\$5,760	\$720
12" RCP	562	LF	\$22.00	\$12,364	\$14,837	\$1,855
15" RCP	1563	LF	\$25.00	\$39,075	\$46,890	\$5,861
18" RCP	708	LF	\$32.00	\$22,656	\$27,187	\$3,398
21" RCP	1284	LF	\$39.00	\$50,076	\$60,091	\$7,511
24" RCP	314	LF	\$47.00	\$14,758	\$17,710	\$2,214
27" RCP	355	LF	\$56.00	\$19,880	\$23,856	\$2,982
30" RCP	505	LF	\$69.00	\$34,845	\$41,814	\$5,227
36" RCP	431	LF	\$82.00	\$35,342	\$42,410	\$5,301
12" RCP Class V	72	LF	\$26.00	\$1,872	\$2,246	\$281
18" RCP Class V	31	LF	\$42.00	\$1,302	\$1,562	\$195
24" RCP Class V	31	LF	\$68.00	\$2,108	\$2,530	\$316
21" HDPE	75	LF	\$30.00	\$2,250	\$2,700	\$338
27" HDPE	64	LF	\$55.00	\$3,520	\$4,224	\$528
12" End Sec & Trash Guard	7	EA	\$1,350.00	\$9,450	\$11,340	\$1,418
15" End Sec & Trash Guard	1	EA	\$1,500.00	\$1,500	\$1,800	\$225
18" End Sec & Trash Guard	1	EA	\$1,700.00	\$1,700	\$2,040	\$255
21" End Sec & Trash Guard	2	EA	\$2,050.00	\$4,100	\$4,920	\$615
24" End Sec & Trash Guard	1	EA	\$2,300.00	\$2,300	\$2,760	\$345
36" End Sec & Trash Guard	2	EA	\$2,900.00	\$5,800	\$6,960	\$870
Jet & Video RCP	5995	LF	\$3.00	\$17,985	\$21,582	\$2,698
# 8 Stone Bedding	1475	EA	\$21.00	\$30,975	\$37,170	\$4,646
#53 Stone	550	TONS	\$17.00	\$9,350	\$11,220	\$1,403

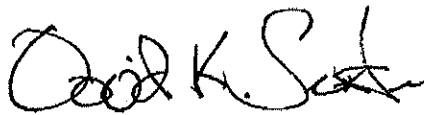
10505 N. College Ave | Indianapolis, IN 46280 | www.weihe.net | (317) 846-6611 | (800) 452-6408 | Fax: (317) 843-0546

Allan H. Weihe, P.E., L.S., - Founder

Rip Rap	200	EA	\$50.00	\$10,000	\$12,000	\$1,500
6" SSD Dual Wall Swales	5040	LF	\$9.50	\$47,880	\$57,456	\$7,182
6" SSD Dual Wall Streets	7501	LF	\$9.50	\$71,260	\$85,511	\$10,689
Risers	28	EA	\$325.00	\$9,100	\$10,920	\$1,365
Lot Leads	69	EA	\$135.00	\$9,315	\$11,178	\$1,397
Total:				\$597,113	\$716,535	\$89,567

If you have any questions or comments, please feel free to contact me at 317-846-6611.

Sincerely,



David K. Sexton, P.E.
IN Registration No. 9500028



BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

*Little Eagle Creek Drain,
West Rail at the Station Section 1 Arm*

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Little Eagle Creek Drain, West Rail at the Station Section 1 Arm** on **October 24, 2016** at **9:00 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana, and which construction and maintenance reports of the Surveyor and the Schedule of Assessments made by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF THE

Little Eagle Creek Drain,
West Rail at the Station Section 1 Arm

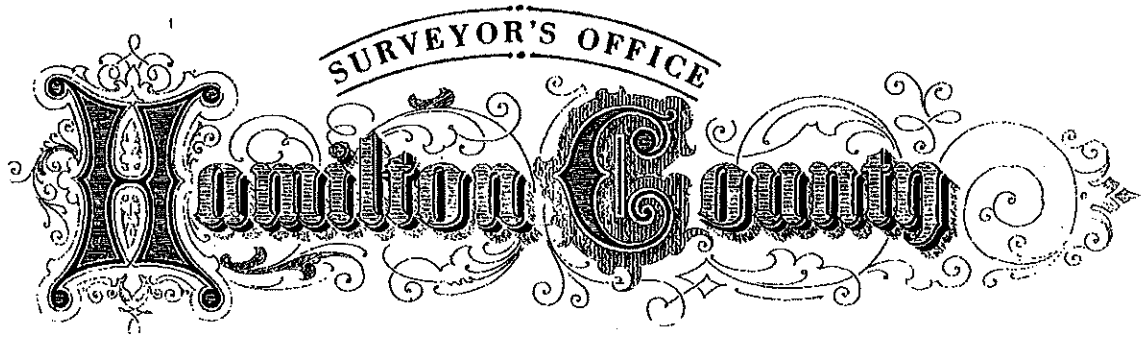
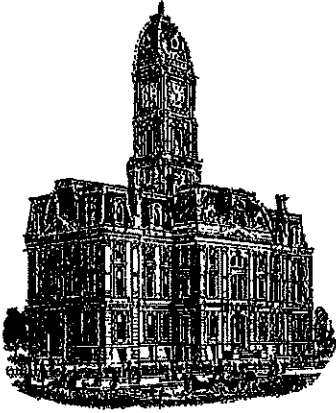
NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **October 24, 2016** has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this code within twenty (20) days from the date of this publication, the order shall be conclusive.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY



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

May 16, 2017

Re: Little Eagle Creek Drain: West Rail at the Station Sec. 1

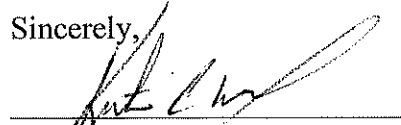
Attached are as-built, certificate of completion & compliance, and other information for West Rail at the Station Sec. 1. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated August 25, 2016. The report was approved by the Board at the hearing held October 24, 2016. (See Drainage Board Minutes Book 17, Pages 156-157) The changes are as follows: the 12" RCP was lengthened from 488 feet to 515 feet. The 15" RCP was shortened from 482 feet to 479 feet. The 18" RCP was shortened from 323 feet to 273 feet. The 21" HP-Poly was lengthened from 75 feet to 77 feet. The 27" RCP was shortened from 149 feet to 148 feet. The 30" RCP was lengthened from 205 feet to 206 feet. The open ditch was lengthened from 100 feet to 104 feet. The 6" SSD was shortened from 5,809 feet to 5,546 feet. The length of the drain due to the changes described above is now **8,464 feet**.

The non-enforcement was approved by the Board at its meeting on October 24, 2016 and recorded under instrument # 2017037161. Sureties were not submitted in accordance with IC 36-7-4-709.

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: West Rail at the Station Section 1

I hereby certify that:

- 1. I am a registered Professional 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.

FILED
MAY 02 2018
OFFICE OF HAMILTON COUNTY SURVEYOR

Signature: [Handwritten Signature] Date: 9/8/2017

Printed Name: Duane A. Sharrer

Business Address: Weihe Engineers, Inc.
10505 N College Ave.
Indianapolis, IN 46280

Telephone Number: 317-846-6611

Indiana Registration Number: 890258



RECORD DRAWING CONSTRUCTION PLANS FOR WEST RAIL AT THE STATION

SECTION ONE A SUBDIVISION IN WESTFIELD, INDIANA PART OF SW 1/4, SEC 10, T18N, R3E HAMILTON COUNTY

ALL CONTRACTORS SHALL REVIEW CITY OF WESTFIELD STANDARDS AND SPECIFICATIONS PRIOR TO BIDDING ON THE PROJECT. ADDITIONAL SPECIFICATIONS, NOT INCLUDED IN THIS SET OF PLANS, MAY BE REQUIRED. STANDARDS CAN BE FOUND AT:
www.westfield.in.gov/egoc/apps/document/center.egov?view=item;id=50

DESIGN DATA
LOTS = 64
ACRES = 40.359± AC.
DENSITY = 1.59 LOTS/ACRE

PLANS PREPARED BY:
Weihe Engineers, Inc.
10505 N. College Ave.
Indianapolis, Indiana 46280
Telephone: (317) 846-6611
Fax: (317) 843-0546
Contact Person: Dave Sexton, PE
Email: sextond@weihe.net

DEVELOPER:
Beazer Homes of Indiana, LLP
9405 Delegates Row
Indianapolis, IN 46240
Richard Henderson 317-501-9172
Email: richard.henderson@beazer.com

811
Know what's below.
Call before you dig.
Within Indiana Call
811 or 800-382-5544
24 Hours a Day, 7 Days a Week.
PER INDIANA STATE LAW IC 8-1-26,
IT IS AGAINST THE LAW TO EXCAVATE
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.

SHEET NO.	DESCRIPTION
C001	COVER SHEET
C100-C102	EXISTING CONDITIONS
C200-C202	PRE-STORMWATER POLLUTION PREVENTION PLAN
C203-C205	POST-STORMWATER POLLUTION PREVENTION PLAN
C206-C207	STORMWATER POLLUTION PREVENTION DETAILS & SPECS
C300-C302	DEVELOPMENT PLAN
C303	AMENITIES PLAN
C304-C305	SITE DIMENSION PLAN
C306-C307	TRAFFIC CONTROL & SSD PLAN
C400-C403	STREET PLAN & PROFILE
C404-C405	ENTRANCE, INTERSECTION AND CUL-DE-SAC DETAILS
C406-C408	STREET DETAILS AND SPECIFICATIONS
C500-C502	SANITARY SEWER FORCEMAIN PLAN & PROFILE
C503-C504	SANITARY SEWER PLAN & PROFILE
C505-C507	SANITARY SEWER DETAILS
C508	SANITARY SEWER SPECIFICATIONS
C600-C604	STORM SEWER PLAN & PROFILES
C605-C606	STORM SEWER DETAILS
C607	STORM SEWER SPECIFICATIONS
C700-C701	WATER MAIN PLAN
C702-C703	WATER MAIN DETAILS
C800	GENERAL SPECIFICATIONS
C801	BUCKEYE PIPELINE RIGHT-OF-WAY RESTRICTIONS & DETAILS
1-2	LANDSCAPE PLANS
3-4	LANDSCAPE DETAILS & SPECIFICATIONS

WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

PROJECT NO.: W150389-1
DATE: 01-2016

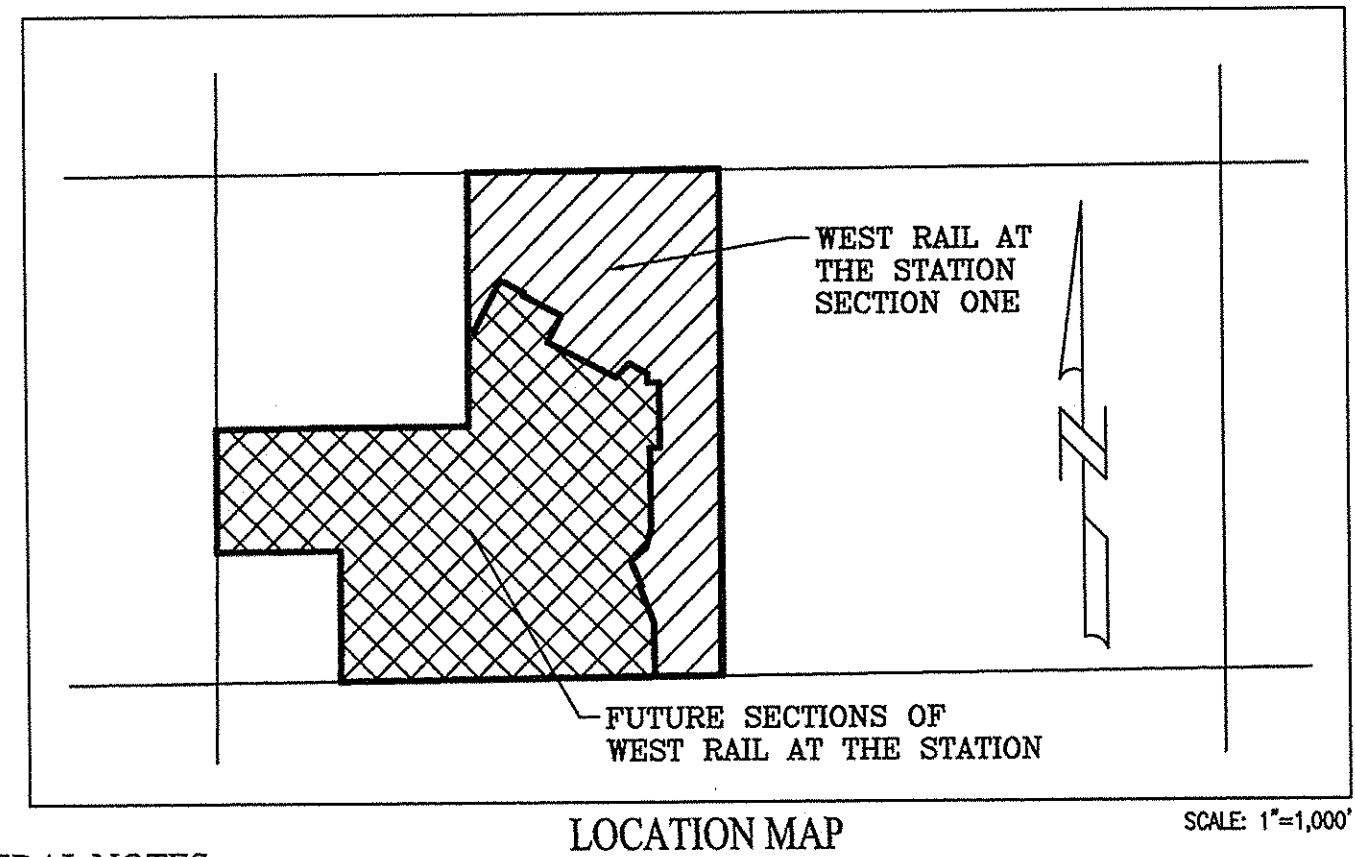
DAVID K. SEXTON
REGISTERED
No. 9500026
STATE OF INDIANA
PROFESSIONAL ENGINEER
March 01, 2016

PREPARED FOR:
WEST RAIL AT THE STATION, SECTION ONE
Beazer Homes Indiana, LLP

COVER SHEET

SHEET NO. **C001**

PROJECT NO. **W150389-1**



GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, OR VERIFYING THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY, AND STATE AGENCIES PRIOR TO STARTING CONSTRUCTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING CONSTRUCTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY AND COORDINATE CONSTRUCTION WITH ALL RESPECTIVE UTILITIES.
- ALL QUANTITIES GIVEN ON THESE PRINTS, OR IN THE SCOPE OF WORK SECTION ARE ESTIMATES AND SHALL BE CONFIRMED BY THE BIDDING CONTRACTORS.
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
- EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRAFFIC SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTOR TO MAINTAIN QUALITY CONTROL THROUGHOUT THIS PROJECT.
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL STANDARDS.
- THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
- ANY FIELD TILES ENCOUNTERED DURING EXCAVATION SHALL BE REPAIRED AND CONNECTED TO NEW STORM SEWERS AND POSITIVE DRAINAGE PRESERVED.
- THE SITE DOES NOT LIE IN A SPECIAL FLOOD HAZARD AREA AS ESTABLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY - NATIONAL FLOOD INSURANCE PROGRAM, WHEN PLOTTED BY SCALE ON FLOOD INSURANCE RATE MAP #18057C0120G, DATE NOVEMBER 19, 2014.
- BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE RECORD SURVEYS & PLAT FOR EXACT INFORMATION.
- THE SITE DOES NOT CONTAIN WETLANDS AS ESTABLISHED BY THE U.S. DEPARTMENT OF THE INTERIOR FISH AND WILDLIFE SERVICE; WESTFIELD, INDIANA, NATIONAL WETLANDS INVENTORY MAP DATED 1989.
- ALL PAVING WITHIN THE EXISTING AND PROPOSED CITY RIGHT OF WAY SHALL CONFORM TO THE REQUIREMENTS OF THE DEPARTMENT OF PUBLIC WORKS. CONTRACTOR SHALL CONTACT THE DEPARTMENT OF PUBLIC WORKS TO SCHEDULE A PRE-CONSTRUCTION MEETING TO REVIEW THE DEPARTMENT'S CONSTRUCTION REQUIREMENTS, STAFF NOTIFICATION REQUIREMENTS, REQUIRED INSPECTIONS FOR CERTAIN STAGES OF THE WORK AND TO REVIEW THE AUTHORITY OF THE DEPARTMENT AS IT RELATES TO WORK WITHIN THE EXISTING AND PROPOSED CITY RIGHTS OF WAY.
- IF IT WILL BE NECESSARY TO RELOCATE EXISTING UTILITIES DUE TO A CONFLICT, THE EXPENSE OF SUCH RELOCATION SHALL BE THE RESPONSIBILITY OF THE DEVELOPER. ALL UTILITY POLES SHALL BE LOCATED WITHIN ONE FOOT OF THE PROPOSED RIGHT-OF-WAY, OUTSIDE THE RIGHT-OF-WAY.

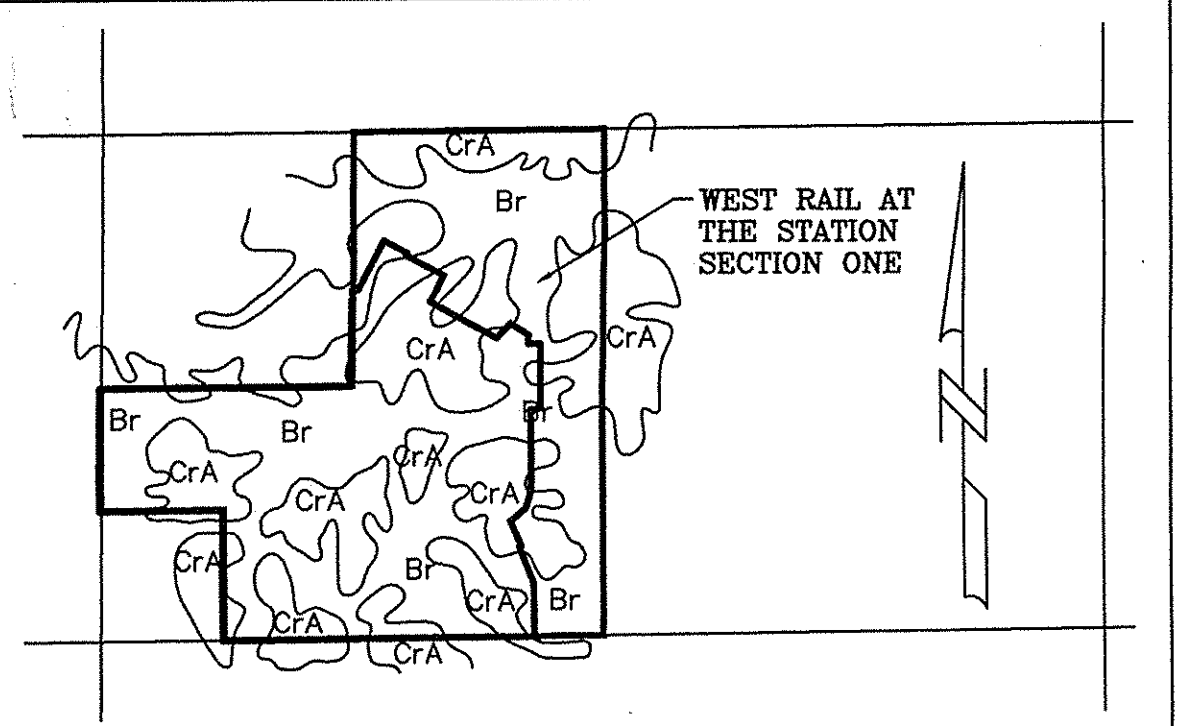
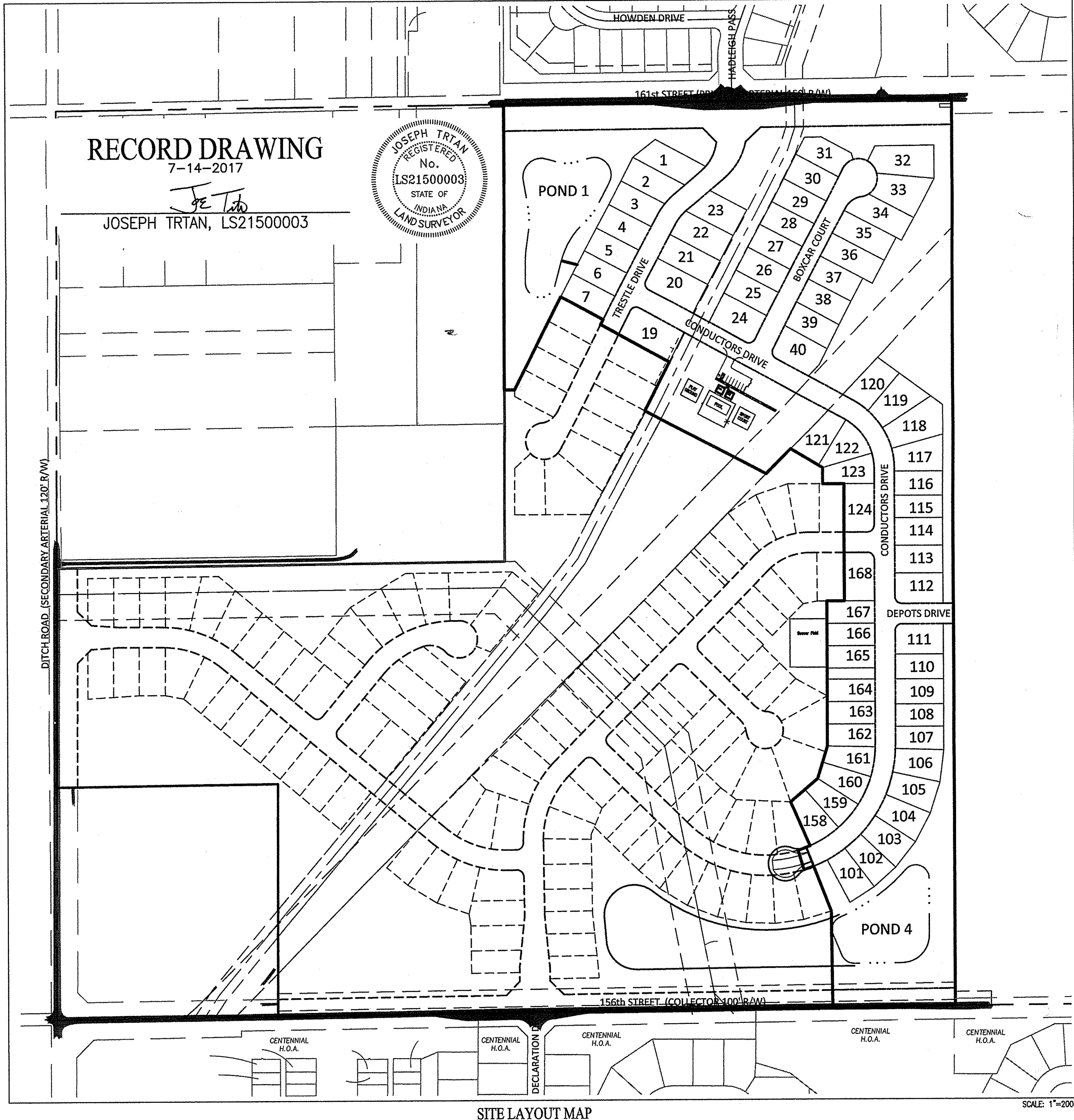
BENCHMARK INFORMATION

- BM - A DNR BRASS DISK SET IN THE TOP OF A CONCRETE POST, LEVEL WITH THE GROUND, STAMPED "MAM 41" LOCATED APPROXIMATELY 1,334 FEET WEST OF THE CENTERLINE OF DITCH ROAD AND ABOUT 14 FEET NORTH OF THE CENTERLINE OF 156TH STREET. STATE PLANE COORDINATES: N1728106.52 E161935.25 ELEV. = 917.54 NAVD 88
- T.B.M. 1 - "MAM" NAIL ON NORTH SIDE OF POWER POLE, 1.0 FT. UP, 509 FEET WEST OF CENTERLINE OF DECLARATION DRIVE AND 37 FEET SOUTH OF CENTERLINE OF 156TH STREET. ELEV. = 914.54 NAVD 88
- T.B.M. 2 - RAILROAD SPIKE ON NORTH SIDE OF POWER POLE, 0.9 FT. UP, 96 FEET EAST OF CENTERLINE OF DECLARATION DRIVE AND 40 FEET SOUTH OF CENTERLINE OF 156TH STREET. ELEV. = 914.05 NAVD 88
- T.B.M. 3 - RAILROAD SPIKE ON NORTH SIDE OF POWER POLE, 1.3 FT. UP, 670 FEET WEST OF CENTERLINE OF HOWLEIGH PASS AND 14 FEET SOUTH OF CENTERLINE OF 161ST STREET. ELEV. = 914.63 NAVD 88
- T.B.M. 4 - RAILROAD SPIKE ON EAST SIDE OF POWER POLE, 1.0 FT. UP, 233 FEET EAST OF CENTERLINE OF HOWLEIGH PASS DRIVE AND 18 FEET SOUTH OF CENTERLINE OF 161ST STREET. ELEV. = 914.32 NAVD 88
- T.B.M. 5 - NORTHEAST BONNET FLANGE BOLT FIRE HYDRANT, 58 FEET EAST OF CENTERLINE OF DITCH ROAD AND 678 FEET NORTH OF CENTERLINE OF 156TH STREET. ELEV. = 916.12 NAVD 88

THE PRESENCE OF A CITY OF WESTFIELD REVIEW AND ACCEPTANCE STAMP ON PLANS DOES NOT RELIEVE THE CONTRACTOR OR DEVELOPER FROM COMPLIANCE OF THE "CITY OF WESTFIELD CONSTRUCTION STANDARDS, LATEST EDITION". THIS REVIEW ONLY DESIGNATES THAT THE GENERAL CONFORMANCE WITH THE DESIGN AND SPECIFICATIONS HAVE BEEN MET. FIELD CHANGES MAY BECOME NECESSARY IN ORDER TO COMPLY WITH THE DETAILED CITY OF WESTFIELD SPECIFICATIONS.

OPERATING AUTHORITIES:

- | | | |
|---|---|---|
| CITY OF WESTFIELD
COMMUNITY DEVELOPMENT
ATTENTION: AMANDA RUBADUE
2728 EAST 171ST STREET
WESTFIELD, IN 46074
317-804-3172 | WESTFIELD PRE-CONSTRUCTION
ATTENTION: JOHN RANKIN
2706 E. 171st STREET
WESTFIELD, INDIANA 46074
317-450-0923 | WESTFIELD G.I.S.
ATTENTION: LEANE KMETZ
2706 E. 171ST STREET
WESTFIELD, INDIANA 46074
317-804-3001 |
| HAMILTON COUNTY HEALTH DEPT.
ATTENTION: LARRY BEARD
18030 FOUNDATION DRIVE, SUITE A
NOBLESVILLE, IN 46060-2229
317-776-8500 | MARATHON PIPELINE COMPANY, LLC
ATTENTION: AUSTIN GUYER
10722 EAST COUNTY ROAD 300 NORTH
INDIANAPOLIS, IN 46234
317-291-9460 | CITIZENS GAS OF WESTFIELD
ATTENTION: RICHARD MILLER, JR.
2150 DR. MARTIN LUTHER KING DRIVE
INDIANAPOLIS, IN 46202-1162
317-696-4041 |
| HAMILTON COUNTY HIGHWAY DEPT.
ATTENTION: DAVE LUCAS
1700 SOUTH 10TH STREET
NOBLESVILLE, IN 46060
317-773-7770 | AT&T (TELEPHONE)
ATTENTION: STEVE KREBS
5858 NORTH COLLEGE AVENUE
INDIANAPOLIS, IN 46220
317-225-4007 | CITIZENS WATER AND WASTEWATER OF WESTFIELD, LLC
ATTENTION: BRANDON CARTER
2150 DR. MARTIN LUTHER KING JR. STREET
INDIANAPOLIS, INDIANA 46202
317-850-9055 |
| BUCKEYE PARTNERS, L.P.
ATTENTION: KYLE SMITH
5404 W. 96TH STREET
INDIANAPOLIS, IN 46268
317-870-0122 | WESTFIELD FIRE DEPARTMENT
ATTENTION: GARRY HARLING
17535 DARTOWN ROAD
WESTFIELD IN 46074
317-896-2704 | WESTFIELD-WASHINGTON SCHOOL CORP.
ATTENTION: NICK VERHOFF
322 W. MAIN STREET
WESTFIELD, INDIANA 46074
317-867-8013 |
| HAMILTON COUNTY SURVEYOR'S OFFICE
ATTENTION: GREG HOYES
1 HAMILTON COUNTY SQUARE, STE. 146
NOBLESVILLE, IN 46060
317-776-9626 | COMCAST CABLE
ATTENTION: MATT STRINGER
533 EAST 65TH STREET
INDIANAPOLIS, IN 46204
317-774-3384 | DUKE ENERGY (ELECTRIC)
ATTENTION: JESSI HERRINGTON
100 SOUTH MILLCREEK DRIVE
NOBLESVILLE, IN 46062
317-776-5365 |
| METRONET
ATTENTION: CHRIS BLUTO
3701 COMMUNICATIONS WAY
EVANSVILLE, IN 47715
317-465-1046 | | |



- SOILS MAP SOILS TYPE LEGEND** NO SCALE
- BROOKSTON SILTY CLAY LOAM - Br
CROSBY SILT LOAM, 0 TO 2% SLOPES - Cr
- THIS SOIL IS DARK GREYISH BROWN, SILTY IN TEXTURE. IT IS DEEP AND VERY POORLY DRAINED WITH MODERATE PERMEABILITY. IT HAS HIGH AVAILABLE WATER FOR PLANT GROWTH AND HIGH ORGANIC MATTER CONTENT. IT HAS COMPACT TILL STARTING AT A DEPTH OF 40 TO 60 INCHES. THE MAIN SOIL FEATURES THAT AFFECT THE URBAN DEVELOPMENT USES ARE SEASONAL HIGH WATER TABLE, HIGH POTENTIAL FROST ACTION, MODERATE SHRINK-SWELL POTENTIAL, MODERATE PERMEABILITY AND PONDING SURFACE WATER.
 - BECAUSE OF THESE ENGINEERING LIMITATIONS THIS SITE WILL BE CONSTRUCTED AS FOLLOWS. WEST RAIL AT THE STATION SECTION ONE, BEING A SINGLE FAMILY DEVELOPMENT WITHIN THE JURISDICTION OF THE TOWN OF WESTFIELD AND HAMILTON COUNTY WILL HAVE TO ABIDE BY THE APPLICABLE ORDINANCE. SPECIAL CONSIDERATIONS WILL HAVE TO BE IMPLEMENTED TO REDUCE FAILURE OF CONSTRUCTION. ALL BUILDINGS WILL BE OF LARGE SLAB TYPE CONSTRUCTION. BASEMENTS SHOULD BE AVOIDED. IN CASES WHERE A HIGH WATER TABLE IS PRESENT SPECIAL FOOTINGS SHALL BE CONSTRUCTED. ALL ROADS WILL HAVE ADEQUATE SUB-BASE, THE BASE MATERIAL WILL BE REPLACED OR STRENGTHENED WITH SUITABLE MATERIAL. ALL SANITARY SEWERS SHALL BE PUBLIC AND THEREFORE NO SEPTIC SYSTEMS SHALL BE ALLOWED.
- CROSBY SILT LOAM, 0-3 PERCENT SLOPES -
- THIS SOIL IS DARK GRAYISH BROWN SILT LOAM ABOUT 8" THICK, SILTY IN TEXTURE AND ON LOCATED ON SLIGHT RISES ON BROAD, UNDULATING TILL PLAINS. IT IS DEEP AND SOMEWHAT POORLY DRAINED WITH SLOW PERMEABILITY. IT HAS HIGH AVAILABLE WATER FOR PLANT GROWTH AND MEDIUM ORGANIC MATTER CONTENT. THE SOIL HAS COMPACT TILL STARTING AT A DEPTH BETWEEN 20-40 INCHES. THE MAIN SOIL FEATURE THAT AFFECT URBAN DEVELOPMENT USES ARE SEASONAL HIGH WATER TABLE, MODERATE SHRINK SWELL POTENTIAL, HIGH POTENTIAL FROST ACTION AND SLOW PERMEABILITY.
 - BECAUSE OF THESE ENGINEERING LIMITATIONS THIS SITE WILL BE CONSTRUCTED AS FOLLOWS. WEST RAIL AT THE STATION SECTION ONE, BEING A SINGLE FAMILY DEVELOPMENT WITHIN THE JURISDICTION OF THE TOWN OF WESTFIELD AND HAMILTON COUNTY WILL HAVE TO ABIDE BY THE APPLICABLE ORDINANCE. SPECIAL CONSIDERATIONS WILL HAVE TO BE IMPLEMENTED TO REDUCE FAILURE OF CONSTRUCTION. ALL BUILDINGS WILL BE OF LARGE SLAB TYPE CONSTRUCTION. BASEMENTS SHOULD BE AVOIDED. IN CASES WHERE A HIGH WATER TABLE IS PRESENT SPECIAL FOOTINGS SHALL BE CONSTRUCTED. ALL ROADS WILL HAVE ADEQUATE SUB-BASE, THE BASE MATERIAL WILL BE REPLACED OR STRENGTHENED WITH SUITABLE MATERIAL. ALL SANITARY SEWERS SHALL BE PUBLIC AND THEREFORE NO SEPTIC SYSTEMS SHALL BE ALLOWED.

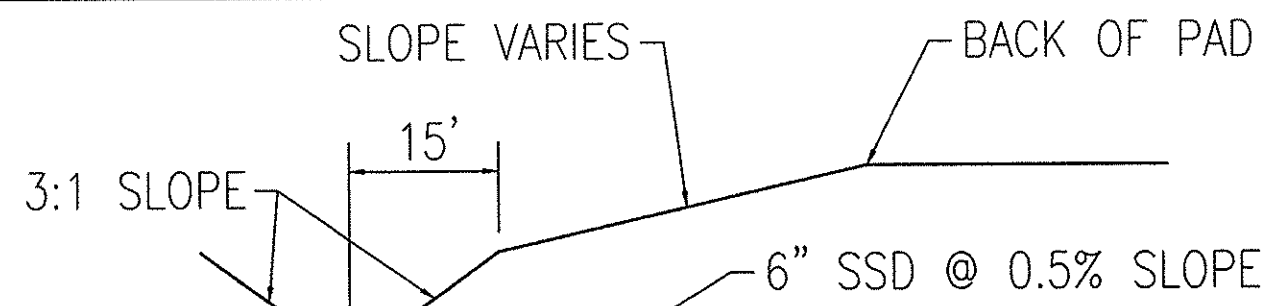
RECORD DRAWING

DEVELOPMENT PLAN AS-BUILTS
PADS AND SWALES ONLY
7-14-2017

JOSEPH TRTAN, LS21500003



- AS-BUILT INFORMATION
- BUILT AS DESIGNED



DISTANCE VARIES, 10' FROM FLOWLINE ALONG
BACK OF LOTS 26 & 27 THEN TAPERS TO
4' FROM FLOWLINE AT STRUCTURE 110.

SWALE CROSS SECTION REAR OF LOTS 26-29

NOTE:

CONTRACTOR TO CONTACT BUCKEYE PIPELINE COMPANY AND/OR
MARATHON PIPELINE COMPANY PRIOR TO ANY WORK WITH THE VICINITY
OF THEIR PIPELINES AND EASEMENTS DENOTED ON THE PLANS.

CONTACTS:

BUCKEYE PARTNERS, LP
5404 W. 96TH STREET
INDIANAPOLIS, IN 46268
ATTN: KYLE SMITH
317-870-0122

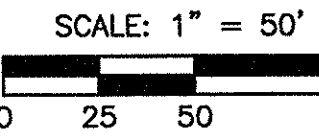
MARATHON PIPELINE COMPANY, LLC
10722 EAST COMPANY ROAD 300 NORTH
INDIANAPOLIS, IN 46234
ATTN: AUSTIN GUYER
317-291-9460

SEE SHEET C301
FOR BENCHMARK,
NOTES, DETAILS,
AND LEGEND

SEE ENTRANCE PLAN
SHEET C404 FOR
ADDITIONAL DETAIL.

NOTE: NO EXCAVATION IN THE CITY'S
RIGHT OF WAY CAN BEGIN UNTIL ALL
UTILITIES (IF ANY) HAVE BEEN RELOCATED.

NOTE: OPEN CUTS OF EXISTING 161st STREET
PAVEMENT FOR INSTALLATION OF
UTILITIES NOT ALLOWED.



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811 or 800-382-5544
24 Hours a Day, 7 Days a Week.

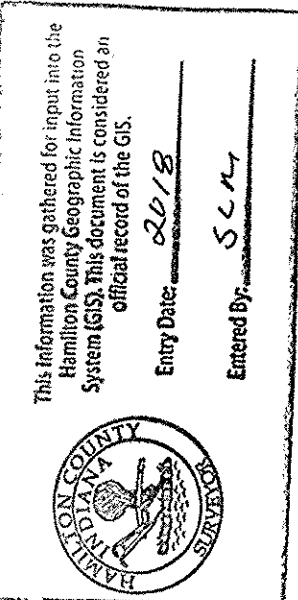
PER INDIANA STATE LAW IC 8-1-26,
IT IS AGAINST THE LAW TO EXCAVATE,
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.

10505 N. College Avenue
Indianapolis, Indiana 46280
www.weihe.net
317 | 846 - 6611
800 | 452 - 6408
317 | 843 - 0546/fax
ALLAN H. WEIHE, P.E., L.S. - FOUNDER

WEIHE
ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

PROJECT NO.: W150389-1
DWG NAME: DEVELOPMENT PLAN
DESIGNED BY: DTR
DRAWN BY: DTR
CHECKED BY: DTR
DATE: 04-01-2016

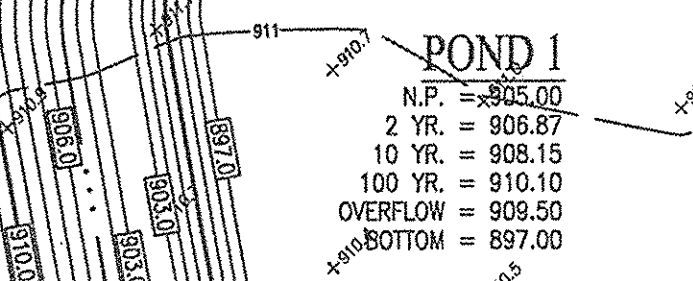
REVISIONS AND ISSUES



DAVID K. SEYTON
REGISTERED
No. 960028
STATE OF
INDIANA
PROFESSIONAL ENGINEER
March 01, 2016

WEST RAIL AT THE STATION, SECTION ONE
Beazer Homes Indiana, LLP

DEVELOPMENT PLAN
Part of Section 10, Township 18 North, Range 3 East, Washington Township, Hamilton County, Indiana.
SHEET NO. **C300**
PROJECT NO. W150389-1



COMMON AREA
"B"

COMMON AREA
"C"

ERPRISES, LLC
2014044378
2014044379

PAT ENTERPRISES LLC
5.10.74 (4R)

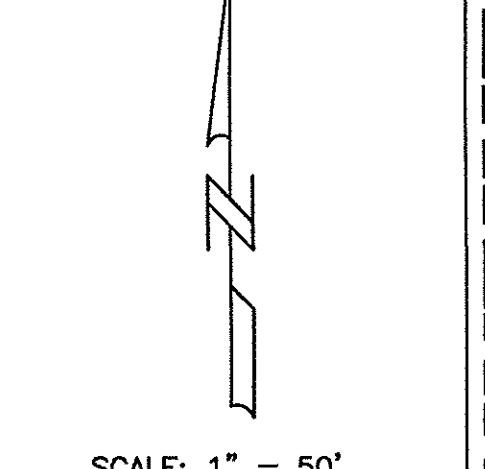
TEMPORARY FLOOD
ROUTING SWALE @ 0.50%



Know what's below. Call before you dig.

Within Indiana Call 811 or 800-382-5544 24 Hours a Day, 7 Days a Week.

PER INDIANA STATE LAW IC 12-1-28 IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND UTILITY SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

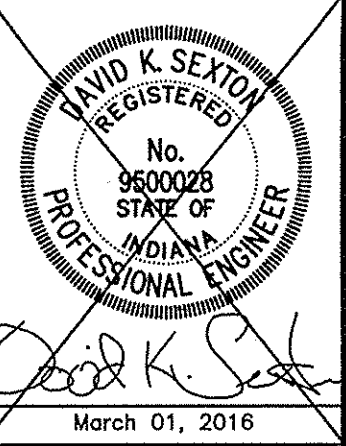


10505 N. College Avenue Indianapolis, Indiana 46280 website: www.811.org

WEIHE ENGINEERS Land Surveying | Civil Engineering Landscape Architecture

PROJECT NO.: W150389-1 DATE: 04-01-2016

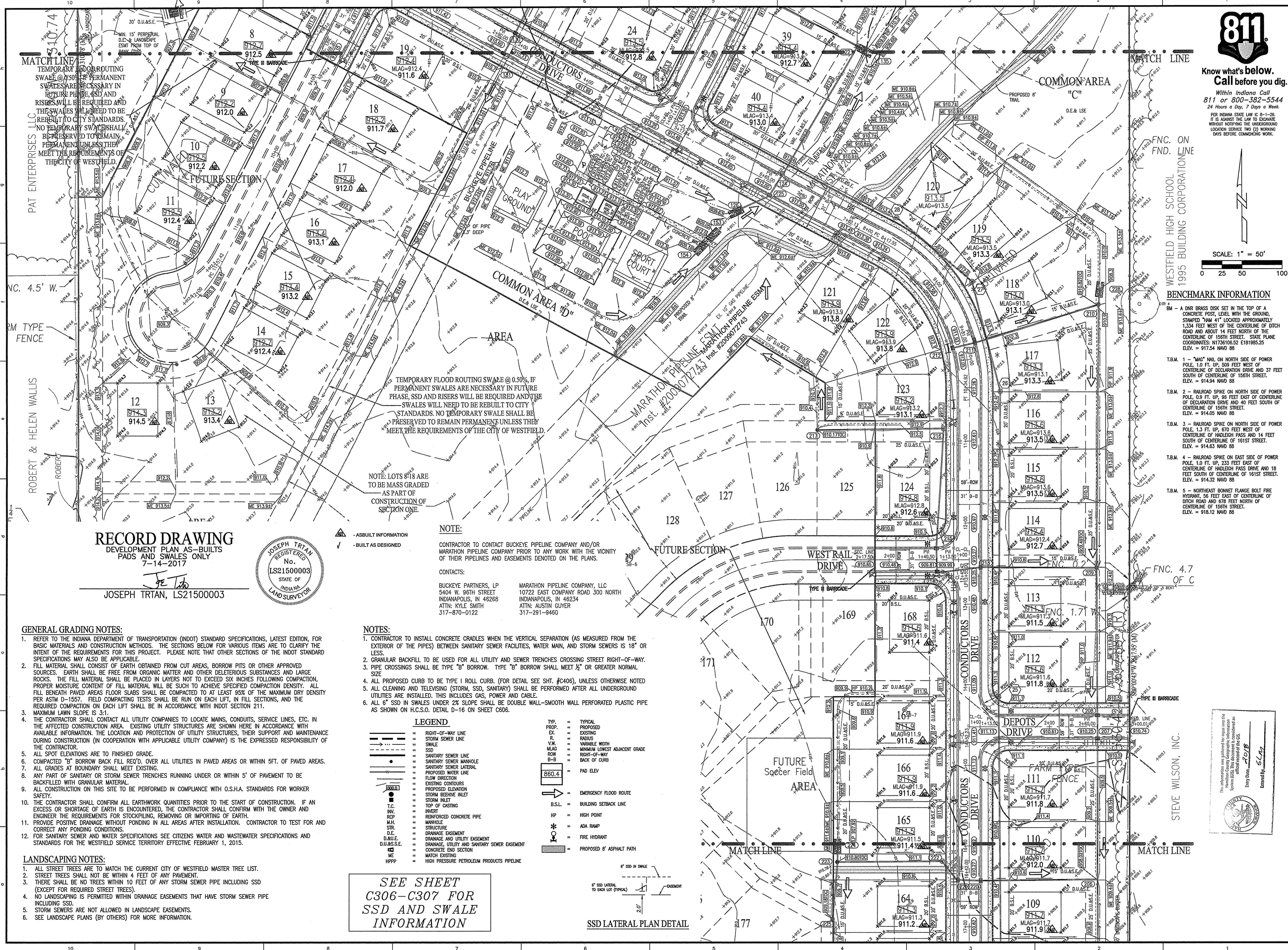
REVISIONS AND ISSUES: DATE BY DESCRIPTION



March 01, 2016

WEST RAIL AT THE STATION, SECTION ONE DEVELOPMENT PLAN

SHEET NO. C301 PROJECT NO. W150389-1



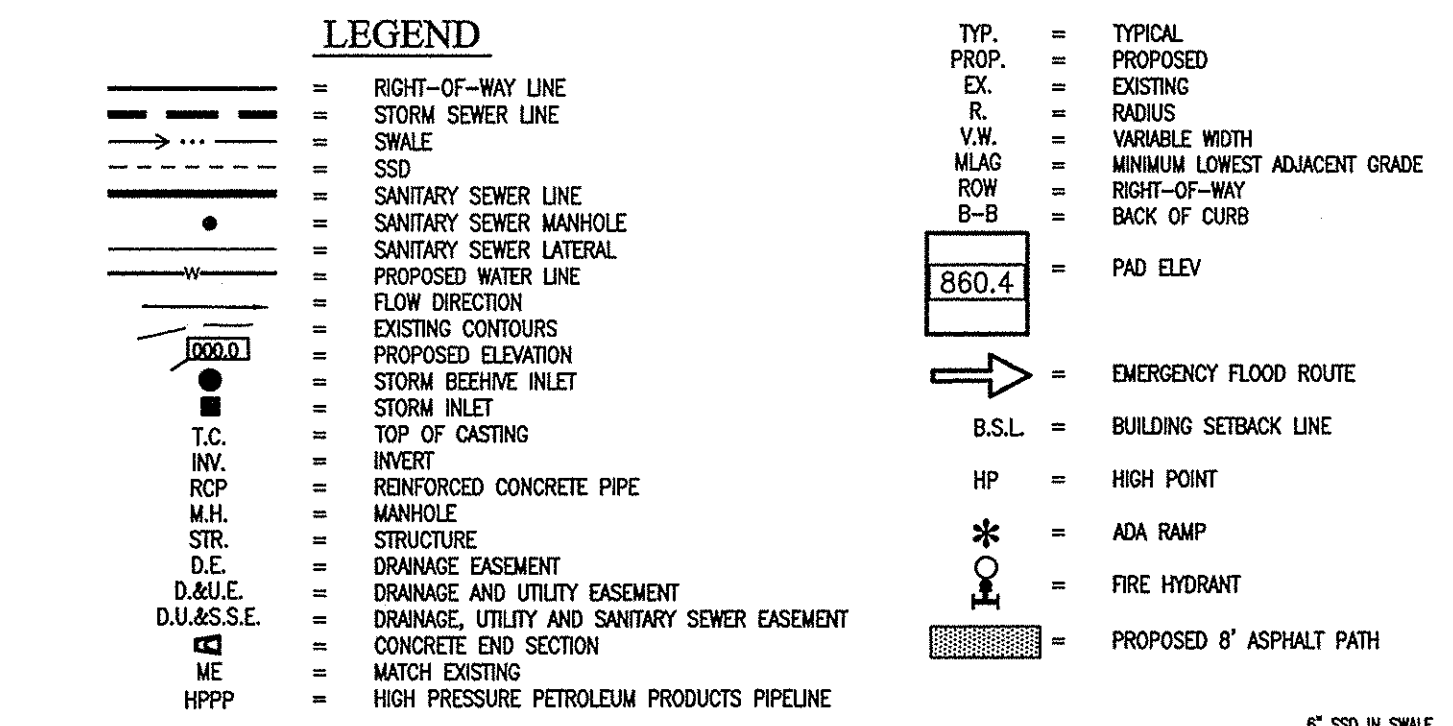
RECORD DRAWING DEVELOPMENT PLAN AS-BUILTS PADS AND SWALES ONLY 7-14-2017



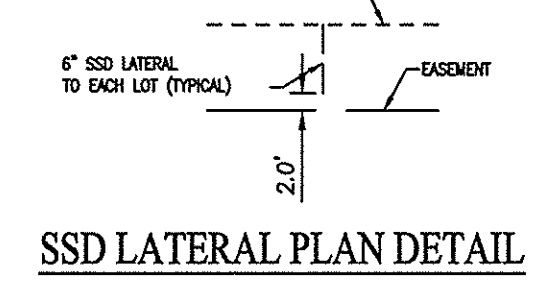
NOTE: LOTS 8-18 ARE TO BE MASS GRADED AS PART OF CONSTRUCTION OF SECTION ONE. CONTACTS: BUCKEYE PARTNERS, LP; MARATHON PIPELINE COMPANY, LLC

- GENERAL GRADING NOTES: 1. REFER TO THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) STANDARD SPECIFICATIONS... 2. FILL MATERIAL SHALL CONSIST OF EARTH OBTAINED FROM CUT AREAS, BORROW PITS OR OTHER APPROVED SOURCES...

- NOTES: 1. CONTRACTOR TO INSTALL CONCRETE CRADLES WHEN THE VERTICAL SEPARATION (AS MEASURED FROM THE EXTERIOR OF THE PIPES) BETWEEN SANITARY SEWER FACILITIES, WATER MAIN, AND STORM SEWERS IS 18" OR LESS...



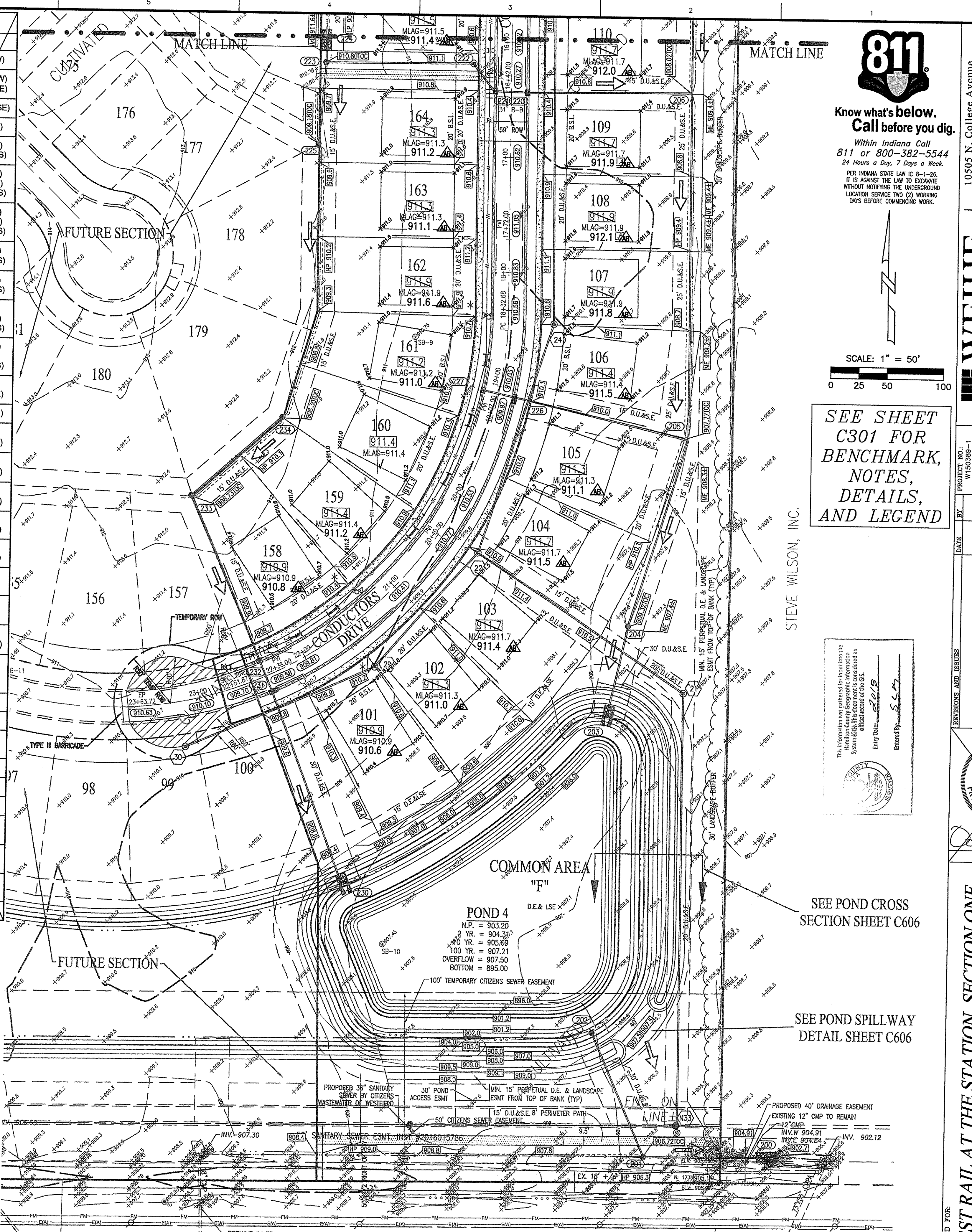
SEE SHEET C306-C307 FOR SSD AND SWALE INFORMATION



Location: W:\150389\Section 1\150389-1.dwg Date: 04-01-2016 10:15:27 AM

STORM SEWER STRUCTURE DATA TABLE				
STRUCTURE NUMBER	STRUCTURE TYPE	TOP OF CASTING	CASTING TYPE	INVERT
44	MANHOLE	908.70	NEENAH R-4342	INV OUT = 904.50(NE)
EX 45	MANHOLE	912.76	BEEHIVE	INV IN = 904.03(SW) INV IN = 900.86(E) INV OUT = 900.36(N)
100	END SECTION	N/A	N/A	INV IN = 904.69(S)
101	OUTLET CONTROL	909.31	CUSTOM GRATE	INV OUT = 905.00(N)
102	END SECTION	N/A	N/A	INV IN = 905.00(NE)
103	MANHOLE	909.00	NEENAH R-4342	INV IN = 905.42(E) INV OUT = 905.32(SW)
104	MANHOLE	913.24	NEENAH R-1642	INV IN = 907.47(SE) INV IN = 908.28(E) INV OUT = 905.86(W)
104A	MANHOLE	913.00	NEENAH R-1642	INV IN = 909.70(SE) INV OUT = 909.11(W)
105	MANHOLE	912.46	NEENAH R-3501-TL	INV IN = 908.43(E) INV OUT = 908.34(NW)
105A	INLET TYPE J	912.44	NEENAH R-3501-TR	INV OUT = 908.60(W)
106	MANHOLE	913.02	NEENAH R-1642	INV IN = 908.91(S) INV IN = 908.91(NE) INV OUT = 908.91(NW)
107	MANHOLE	913.35	NEENAH R-1642	INV IN = 910.11(SE) INV IN = 910.11(SW) INV OUT = 910.01(N)
108	MANHOLE	913.66	NEENAH R-3501-TR	INV IN = 910.38(SE) INV OUT = 910.38(NW)
109	DOUBLE CURB INLET	913.55	NEENAH R-3501-TL	INV OUT = 910.60(NW)
110	END SECTION	N/A	N/A	INV OUT = 910.25(NE)
111	END SECTION	N/A	N/A	INV OUT = 910.12(SW)
115	END SECTION	N/A	N/A	INV IN = 905.00(SE)
116	DOUBLE CURB INLET	913.32	NEENAH R-3501-TL	INV IN = 905.28(SE) INV OUT = 905.18(NW)
117	DOUBLE CURB INLET	911.32	NEENAH R-3501-TR	INV IN = 905.43(SE) INV OUT = 905.33(NW)
118	MANHOLE	911.50	NEENAH R-4342	INV IN = 907.65(SE) INV IN = 906.37(SW) INV IN = 907.48(NE) INV OUT = 905.84(NW)
119	MANHOLE	911.60	NEENAH R-4342	INV IN = 907.74(SE) INV IN = 907.74(NE) INV OUT = 907.74(NW)
120	DOUBLE CURB INLET	912.11	NEENAH R-3501-TR	INV IN = 907.92(SE) INV OUT = 907.92(NW)
121	DOUBLE CURB INLET	912.11	NEENAH R-3501-TL	INV IN = 907.96(SE) INV OUT = 907.96(NW)
122	MANHOLE	911.90	NEENAH R-1642	INV IN = 908.25(SW) INV IN = 908.25(NE) INV IN = 908.25(SE) INV OUT = 908.25(NW)
124	MANHOLE	912.01	NEENAH R-3501-TR	INV IN = 908.49(SW) INV OUT = 908.49(NE)
125	MANHOLE	912.01	NEENAH R-3501-TL	INV IN = 908.55(SW) INV OUT = 908.55(NE)
126	END SECTION	N/A	N/A	INV OUT = 908.63(NE)
130	MANHOLE	N/A	NEENAH R-3501-TR	INV IN = 907.02(SW) INV OUT = 906.92(NE)
131	MANHOLE	910.62	NEENAH R-3501-TL	INV OUT = 907.12(NE)
132	END SECTION	N/A	N/A	INV OUT = 908.70(SW)
133	END SECTION	N/A	N/A	INV OUT = 907.85(SW)
134	END SECTION	N/A	N/A	INV OUT = 908.30(SW)
135	END SECTION	N/A	N/A	INV OUT = 908.68(NW)
153	END SECTION	N/A	N/A	INV IN = 908.93(SW)
154	END SECTION	N/A	N/A	INV OUT = 909.17(NE)

STORM SEWER STRUCTURE DATA TABLE				
STRUCTURE NUMBER	STRUCTURE TYPE	TOP OF CASTING	CASTING TYPE	INVERT
200	END SECTION	N/A	N/A	INV IN = 902.74(W)
201	MANHOLE	906.72	NEENAH R-4342	INV IN = 903.07(NW) INV OUT = 902.91(E)
202	OUTLET CONTROL	907.30	CUSTOM GRATE	INV OUT = 903.20(SE)
203	END SECTION	N/A	N/A	INV IN = 903.20(N)
204	MANHOLE	909.32	NEENAH R-4342	INV IN = 903.29(N) INV OUT = 903.29(S)
205	MANHOLE	907.77	NEENAH R-4342	INV IN = 903.50(N) INV IN = 904.07(W) INV OUT = 903.50(S)
206	MANHOLE	908.02	NEENAH R-4342	INV IN = 904.02(N) INV IN = 904.53(W) INV OUT = 903.92(S)
207	MANHOLE	910.26	NEENAH R-3501-TL	INV IN = 904.58(N) INV OUT = 904.46(S)
208	MANHOLE	910.26	NEENAH R-3501-TR	INV IN = 904.74(N) INV OUT = 904.64(S)
209	MANHOLE	909.49	NEENAH R-4342	INV IN = 905.64(N) INV IN = 905.35(W) INV OUT = 905.26(S)
210	MANHOLE	910.82	NEENAH R-4342	INV IN = 907.02(W) INV IN = 907.27(N) INV OUT = 906.92(S)
211	DOUBLE CURB INLET	911.95	NEENAH R-3501-TL	INV IN = 908.05(W) INV OUT = 907.95(E)
212	MANHOLE	911.95	NEENAH R-3501-TR	INV OUT = 908.15(E)
213	MANHOLE	910.26	NEENAH R-3501-TR	INV IN = 905.67(W) INV OUT = 905.57(E)
214	MANHOLE	909.82	NEENAH R-3501-TR	INV IN = 905.85(N) INV OUT = 905.75(E)
215	MANHOLE	909.82	NEENAH R-3501-TR	INV IN = 906.00(N) INV OUT = 905.90(S)
216	MANHOLE	912.74	NEENAH R-1642	INV IN = 906.45(W) INV OUT = 906.35(S)
217	MANHOLE	910.17	NEENAH R-4342	INV IN = 907.00(W) INV OUT = 906.90(E)
220	MANHOLE	910.27	NEENAH R-3501-TL	INV IN = 904.85(W) INV OUT = 904.75(E)
221	MANHOLE	910.28	NEENAH R-3501-TR	INV IN = 905.00(NW) INV OUT = 904.90(E)
222	MANHOLE	910.60	NEENAH R-1642	INV IN = 905.18(W) INV OUT = 905.08(SE)
223	MANHOLE	910.80	NEENAH R-1642	INV IN = 905.62(S) INV IN = 907.50(N) INV OUT = 905.52(E)
224	END SECTION	N/A	N/A	INV OUT = 908.00(S)
225	MANHOLE	909.18	NEENAH R-4342	INV OUT = 905.84(N)
226	DOUBLE CURB INLET	909.98	NEENAH R-3501-TL	INV IN = 906.08(W) INV OUT = 905.83(E)
227	MANHOLE	909.98	NEENAH R-3501-TR	INV OUT = 906.18(E)
228	END SECTION	N/A	N/A	INV OUT = 907.67(S)
230	END SECTION	N/A	N/A	INV IN = 903.20(N)
231	DOUBLE CURB INLET	909.59	NEENAH R-3501-TL	INV IN = 903.75(NW) INV OUT = 903.65(S)
232	MANHOLE	909.59	NEENAH R-3501-TR	INV IN = 903.98(NW) INV OUT = 903.83(SE)
233	MANHOLE	908.73	NEENAH R-4342	INV IN = 904.43(NE) INV OUT = 904.33(SE)
234	MANHOLE	908.30	NEENAH R-4342	INV OUT = 904.75(SW)



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WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.

SCALE: 1" = 50'
0 25 50 100

SEE SHEET
C301 FOR
BENCHMARK,
NOTES,
DETAILS,
AND LEGEND

STEVE WILSON, INC.
DATE: 04-01-2016
PROJECT NO: W150389-1
DWG NAME: C302
DESIGNED BY: [Signature]
DRAWN BY: [Signature]
CHECKED BY: [Signature]
DATE: 04-01-2016

10505 N. College Avenue
Indianapolis, Indiana 46280
weihe.net
317.846.6611
800.452.6408
317.843.0546 fax
ALLAN H. WEIHE, P.E., L.S. - FOUNDER

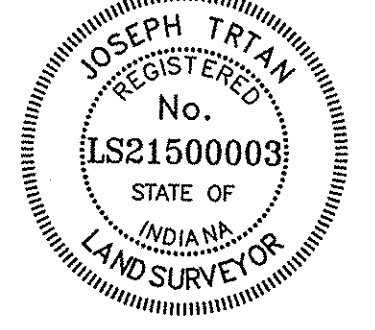
WEIHE
ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

DAVID K. SEIXON
REGISTERED PROFESSIONAL ENGINEER
No. 9500025
STATE OF INDIANA
March 01, 2016

PREPARED FOR:
WEST RAIL AT THE STATION, SECTION ONE
Beazer Homes Indiana, LLP
DEVELOPMENT PLAN
Part of Station 10, Township 18 North, Range 3 East, Washington Township, Hamilton County, Central, Indiana
SHEET NO. **C302**
PROJECT NO. **W150389-1**

RECORD DRAWING
DEVELOPMENT PLAN AS-BUILTS
PADS AND SWALES ONLY
7-14-2017

JOSEPH TRTAN, LS21500003



AS-BUILT INFORMATION
BUILT AS DESIGNED

CENTENNIAL H.O.A.
BRADLEY & MELISSA SCHROCK

CENTENNIAL H.O.A.

CENTENNIAL H.O.A.

DATE PLOTTED: 04/11/2016 10:00 AM



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LOCATION SERVICE TWO (2) WORKING
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10505 N. College Avenue
Indianapolis, Indiana 46280
wehhe.net
317 | 846 - 6611
800 | 452 - 6408
317 | 843 - 0546 fax
ALLAN H. WEHHE, P.E., L.S. - FOUNDER

WEHHE
ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

PROJECT NO.: W150389-1
DRAWN BY: JET
CHECKED BY: JET
DATE: 04-01-2016

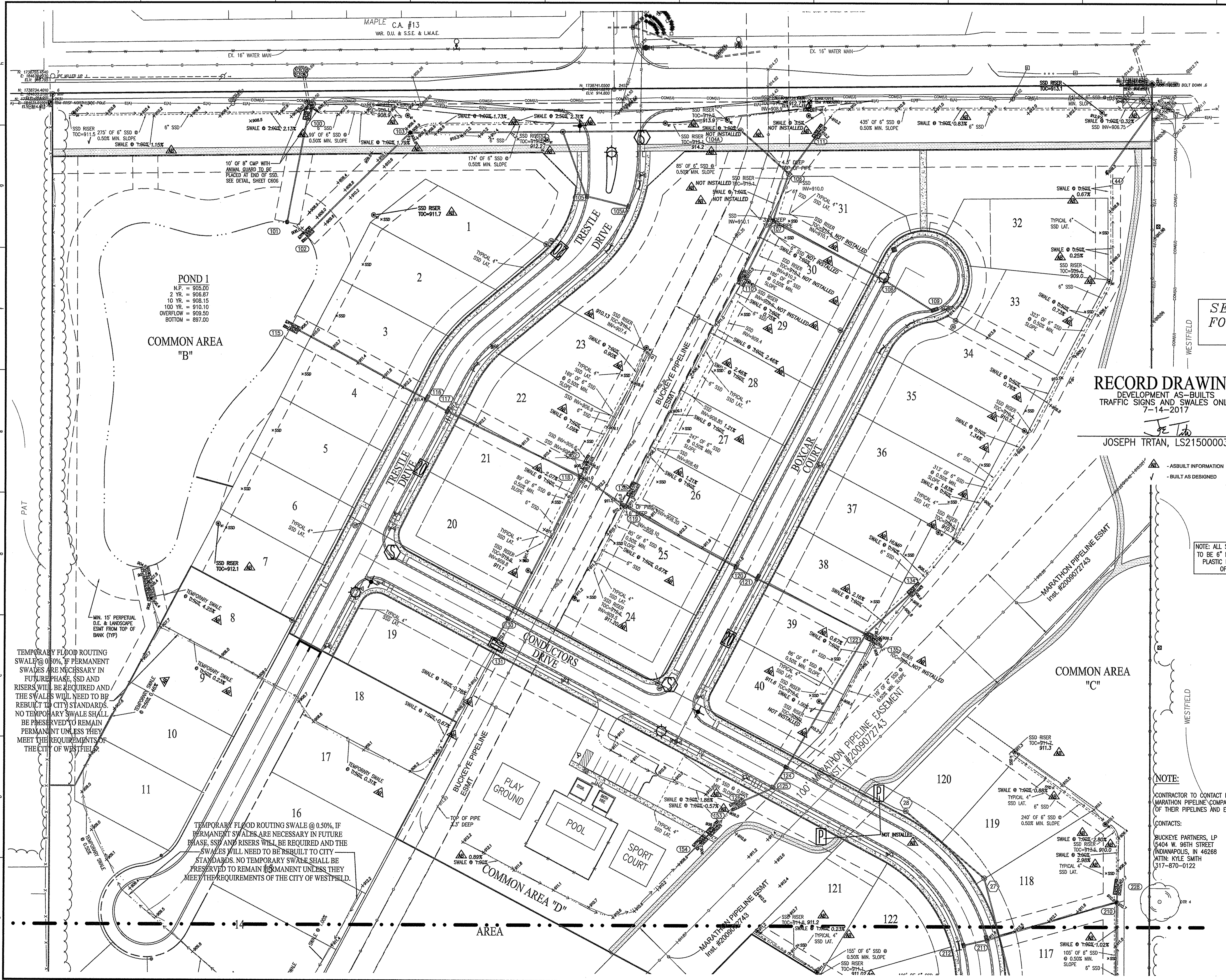
DAVID K. SEYTON
REGISTERED
No. 5600028
STATE OF INDIANA
PROFESSIONAL ENGINEER

March 01, 2016

PREPARED FOR:
WEST RAIL AT THE STATION, SECTION ONE
Beazer Homes Indiana, LLP

TRAFFIC CONTROL & SSD PLAN

SHEET NO.
C306
PROJECT NO.
W150389-1



POND 1
N.P. = 905.00
2 YR. = 906.87
10 YR. = 908.15
100 YR. = 910.10
OVERFLOW = 909.50
BOTTOM = 897.00

COMMON AREA "B"

RECORD DRAWING
DEVELOPMENT AS-BUILTS
TRAFFIC SIGNS AND SWALES ONLY
7-14-2017
JE T
JOSEPH TRTAN, LS2150003

JOSEPH TRTAN
REGISTERED
No. LS2150003
STATE OF INDIANA
LAND SURVEYOR

NOTE: ALL SSD IN SWALES OF LESS THAN 2% SLOPE TO BE 6" DOUBLE WALL-SMOOTH WALL PERFORATED PLASTIC PIPE PER HAMILTON COUNTY SURVEYOR OFFICE DETAIL D-16, SHEET C606.

NOTE:
CONTRACTOR TO CONTACT BUCKEYE PIPELINE COMPANY AND/OR MARATHON PIPELINE COMPANY PRIOR TO ANY WORK WITH THE VICINITY OF THEIR PIPELINES AND EASEMENTS DENOTED ON THE PLANS.

CONTACTS:
BUCKEYE PARTNERS, LP
5404 W. 96TH STREET
INDIANAPOLIS, IN 46234
ATTN: KYLE SMITH
317-870-0122

MARATHON PIPELINE COMPANY, LLC
10722 EAST COMPANY ROAD 300 NORTH
INDIANAPOLIS, IN 46234
ATTN: AUSTIN GUYER
317-291-9460

TEMPORARY FLOOD ROUTING SWALE @ 0.50%, IF PERMANENT SWALES ARE NECESSARY IN FUTURE PHASE, SSD AND RISERS WILL BE REQUIRED AND THE SWALES WILL NEED TO BE REBUILT TO CITY STANDARDS. NO TEMPORARY SWALE SHALL BE PRESERVED TO REMAIN PERMANENT UNLESS THEY MEET THE REQUIREMENTS OF THE CITY OF WESTFIELD.

TEMPORARY FLOOD ROUTING SWALE @ 0.50%, IF PERMANENT SWALES ARE NECESSARY IN FUTURE PHASE, SSD AND RISERS WILL BE REQUIRED AND THE SWALES WILL NEED TO BE REBUILT TO CITY STANDARDS. NO TEMPORARY SWALE SHALL BE PRESERVED TO REMAIN PERMANENT UNLESS THEY MEET THE REQUIREMENTS OF THE CITY OF WESTFIELD.

C:\WORK\150389\150389-1\Drawings\Traffic\SSD\Traffic Control & SSD Plan.dwg
 PLOTTED BY: JET
 PLOTTED DATE: 04/01/2016 11:30am

RECORD DRAWING
DEVELOPMENT AS-BUILTS
TRAFFIC SIGNS AND SWALES ONLY
7-14-2017

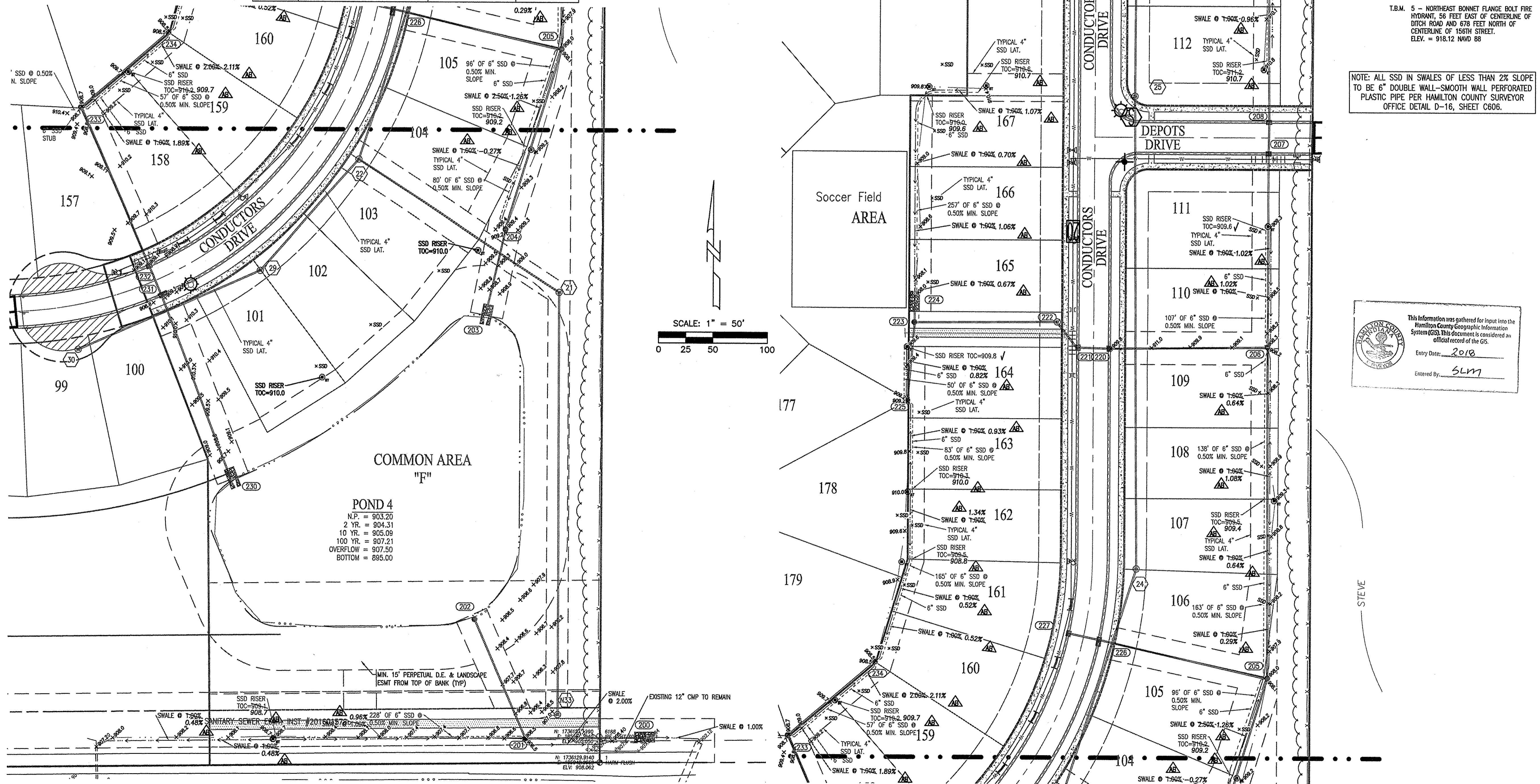
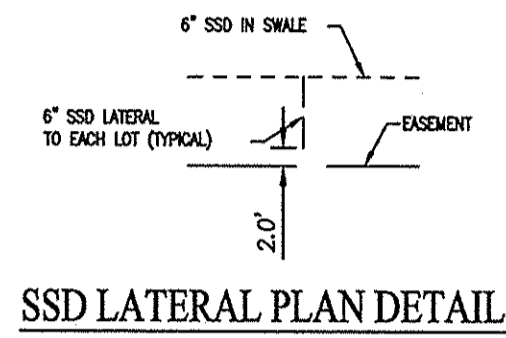
JOSEPH TRTAN, LS2150003



- AS-BUILT INFORMATION
- BUILT AS DESIGNED

TRAFFIC LEGEND

SYMBOL	TYPE	SPECIFICATION	QUANTITY
	SPEED LIMIT (20 MPH)	FIG, P-15D	6 ✓
	STOP SIGN	R1-1	5 ✓
	STREET SIGN	FIG, P-15D	5 ✓
	BARRICADE	FIG, P-15B	4
	STREET LIGHT	SEE DETAIL	6 ✓
	PATH SIGNAGE	W11-2	0



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811 or 800-382-5544
24 Hours a Day, 7 Days a Week.
PER INDIANA STATE LAW IC 8-1-26,
IT IS AGAINST THE LAW TO EXCAVATE
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.

BENCHMARK INFORMATION

- BM - A DNR BRASS DISK SET IN THE TOP OF A CONCRETE POST, LEVEL WITH THE GROUND, STAMPED "M 41" LOCATED APPROXIMATELY 1,334 FEET WEST OF THE CENTERLINE OF DITCH ROAD AND ABOUT 14 FEET NORTH OF THE CENTERLINE OF 156TH STREET. STATE PLANE COORDINATES: N1736106.52 E181985.25 ELEV. = 917.54 NAVD 88
- T.B.M. 1 - "MAG" NAIL ON NORTH SIDE OF POWER POLE, 1.0 FT. UP, 509 FEET WEST OF CENTERLINE OF DECLARATION DRIVE AND 37 FEET SOUTH OF CENTERLINE OF 156TH STREET. ELEV. = 914.94 NAVD 88
- T.B.M. 2 - RAILROAD SPIKE ON NORTH SIDE OF POWER POLE, 0.9 FT. UP, 96 FEET EAST OF CENTERLINE OF DECLARATION DRIVE AND 40 FEET SOUTH OF CENTERLINE OF 156TH STREET. ELEV. = 914.65 NAVD 88
- T.B.M. 3 - RAILROAD SPIKE ON NORTH SIDE OF POWER POLE, 1.5 FT. UP, 670 FEET WEST OF CENTERLINE OF HADLEIGH PASS AND 14 FEET SOUTH OF CENTERLINE OF 161ST STREET. ELEV. = 914.63 NAVD 88
- T.B.M. 4 - RAILROAD SPIKE ON EAST SIDE OF POWER POLE, 1.0 FT. UP, 233 FEET EAST OF CENTERLINE OF HADLEIGH PASS DRIVE AND 18 FEET SOUTH OF CENTERLINE OF 161ST STREET. ELEV. = 914.32 NAVD 88
- T.B.M. 5 - NORTHEAST BONNET FLANGE BOLT FIRE HYDRANT, 56 FEET EAST OF CENTERLINE OF CENTERLINE OF 156TH STREET. ELEV. = 918.12 NAVD 88

NOTE: ALL SSD IN SWALES OF LESS THAN 2% SLOPE TO BE 6" DOUBLE WALL-SMOOTH WALL PERFORATED PLASTIC PIPE PER HAMILTON COUNTY SURVEYOR OFFICE DETAIL D-16, SHEET C606.

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: 2018
Entered By: SLM

811
10505 N. College Avenue
Indianapolis, Indiana 46280
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317 | 846 - 6611
800 | 452 - 6408
317 | 845 - 0546 fax
ALLAN H. WEIHE, P.E., L.S. - FOUNDER

WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

PROJECT NO.:	W150389-1
DWG NO.:	150389-1-1
DESIGNED BY:	CONJL
DRAWN BY:	DR
CHECKED BY:	DRS
DATE:	04-01-2016



March 01, 2016

PREPARED FOR:
WEST RAIL AT THE STATION, SECTION ONE
Beazer Homes Indiana, L.P.

TRAFFIC CONTROL & SSD PLAN
Part of Section 10, Township 18 North, Range 3 East, Madison Township, Hamilton County, Indiana

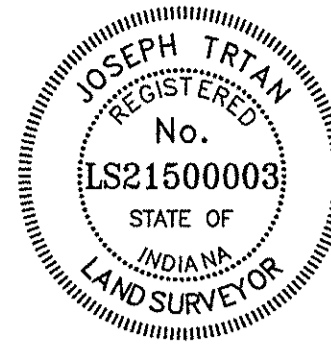
SHEET NO.
C307
PROJECT NO.
W150389-1

LOCATION: K:\2015\W150389\Section 1\Engineering\Design\Subarea\AS-Built\Traffic Control & SSD Plan.dwg
DATE: 03/01/2016 14:20:17
PLOT BY: weaver

RECORD DRAWING

STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY
7-14-2017

JOSEPH TRIAN, LS21500003



▲ - ASBUILT INFORMATION
✓ - BUILT AS DESIGNED

NOTE:

CONTRACTOR TO CONTACT BUCKEYE PIPELINE COMPANY AND/OR MARATHON PIPELINE COMPANY PRIOR TO ANY WORK WITH THE VICINITY OF THEIR PIPELINES AND EASEMENTS DENOTED ON THE PLANS.

CONTACTS:

BUCKEYE PARTNERS, LP
5404 W. 96TH STREET
INDIANAPOLIS, IN 46268
ATTN: KYLE SMITH
317-870-0122

MARATHON PIPELINE COMPANY, LLC
10722 EAST COMPANY ROAD 300 NORTH
INDIANAPOLIS, IN 46234
ATTN: AUSTIN GUYER
317-291-9460



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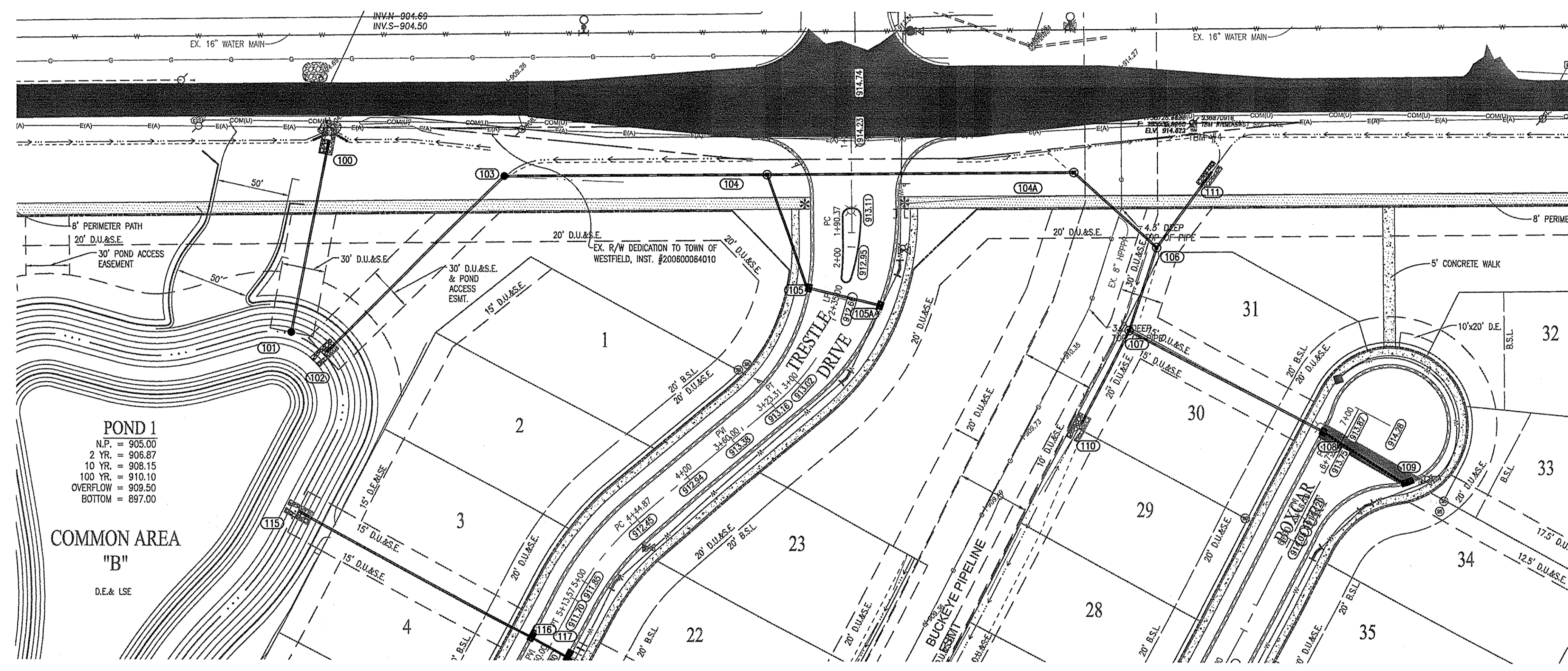
NOTES:

- ALL STRUCTURES DEEPER THAN 4'-0" MUST BE ACCESSIBLE w/ STEPS.
- DEBRIS GUARDS TO BE INSTALLED ON ALL OPEN ENDED INLETS.
- ALL BEEHIVE CASTINGS ON A 2'X2' BOX SHALL HAVE A SQUARE RISER WITH A ROUND HOLE.

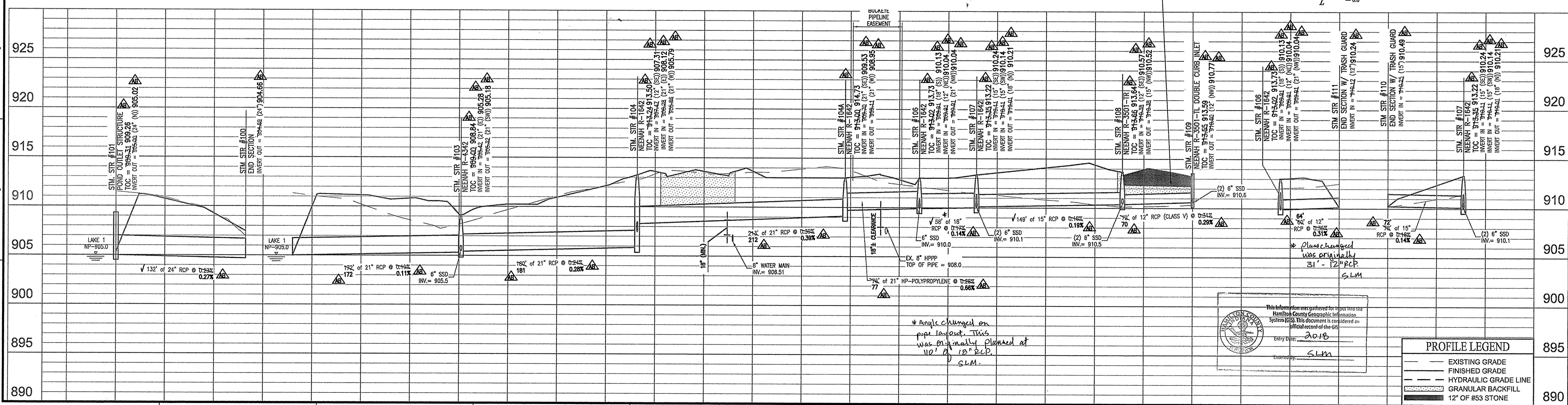
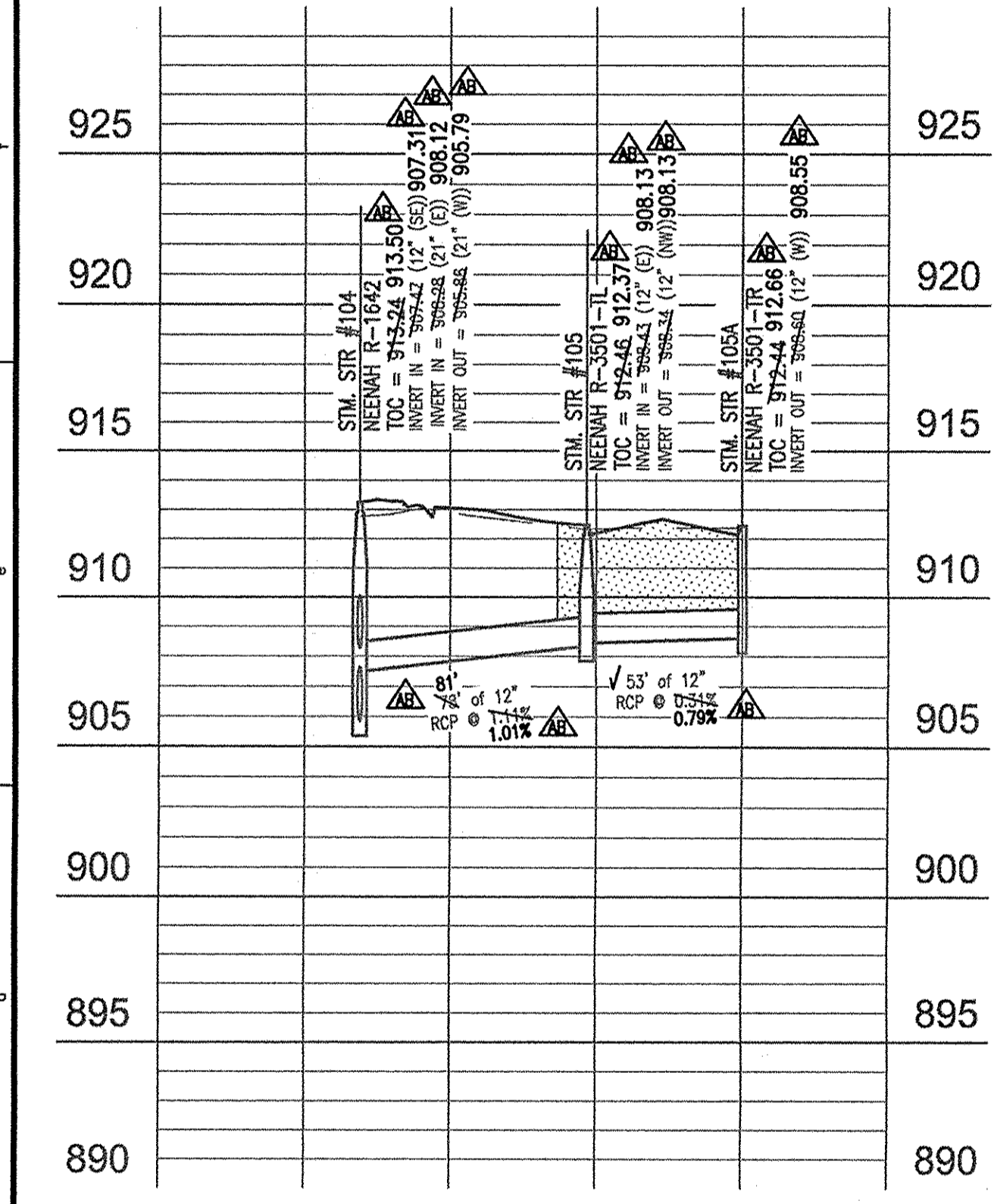
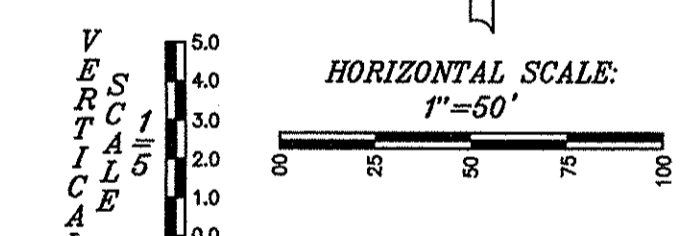
BENCHMARK INFORMATION

BM - A DNR BRASS DISK SET IN THE TOP OF A CONCRETE POST, LEVEL WITH THE GROUND, STAMPED "HAM 41" LOCATED APPROXIMATELY 1.534 FEET WEST OF THE CENTERLINE OF DITCH ROAD AND ABOUT 14 FEET NORTH OF THE CENTERLINE OF 155TH STREET. STATE PLANE COORDINATES: N1735108.52 E181985.25 ELEV. = 917.54 NAVD 88

- T.B.M. 1 - "MAG" NAIL ON NORTH SIDE OF POWER POLE, 1.0 FT. UP, 559 FEET WEST OF CENTERLINE OF DECLARATION DRIVE AND 37 FEET SOUTH OF CENTERLINE OF 156TH STREET. ELEV. = 914.94 NAVD 88
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- T.B.M. 3 - RAILROAD SPIKE ON NORTH SIDE OF POWER POLE, 1.3 FT. UP, 670 FEET WEST OF CENTERLINE OF HADLEIGH PASS AND 14 FEET SOUTH OF CENTERLINE OF 161ST STREET. ELEV. = 914.63 NAVD 88
- T.B.M. 4 - RAILROAD SPIKE ON EAST SIDE OF POWER POLE, 1.0 FT. UP, 233 FEET EAST OF CENTERLINE OF HADLEIGH PASS DRIVE AND 18 FEET SOUTH OF CENTERLINE OF 161ST STREET. ELEV. = 914.32 NAVD 88
- T.B.M. 5 - NORTHEAST BONNET FLANGE BOLT FIRE HYDRANT, 56 FEET EAST OF CENTERLINE OF DITCH ROAD AND 578 FEET NORTH OF CENTERLINE OF 156TH STREET. ELEV. = 918.12 NAVD 88



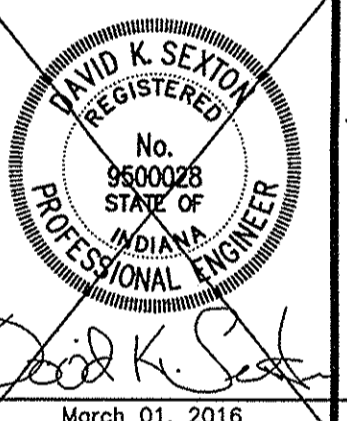
NOTES:
PAVEMENT SUBGRADE BETWEEN STRUCTURES #108 & #109 TO BE TYPE 1B (12" OF #53 STONE - 10' WIDE) RATHER THAN CHEMICAL MODIFICATION.



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ALLAN H. WEIHE, P.E., L.S. - FOUNDER

WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

PROJECT NO.:	W150389-1
DATE:	04-01-2016
DESIGNED BY:	JTG
DRAWN BY:	JTG
CHECKED BY:	JTG
DATE:	04-01-2016



WEST RAIL AT THE STATION, SECTION ONE
Beazer Homes Indiana, LLP
STORM SEWER PLAN & PROFILES
PROJECT NO. W150389-1

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LAWYER: c600
PLOT DATE: 7/14/2017 11:13am
PLOT BY: jtg

RECORD DRAWING
STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY
7-14-2017

JOSEPH TRTAN, LS21500003



AS-BUILT INFORMATION
BUILT AS DESIGNED

NOTE:

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weihhe.net

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800 | 452 - 6408
317 | 843 - 0546 fax

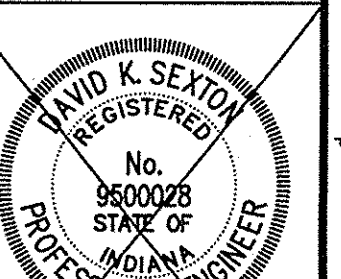
ALLAN H. WEIHE, P.E., I.S. - FOUNDER

WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

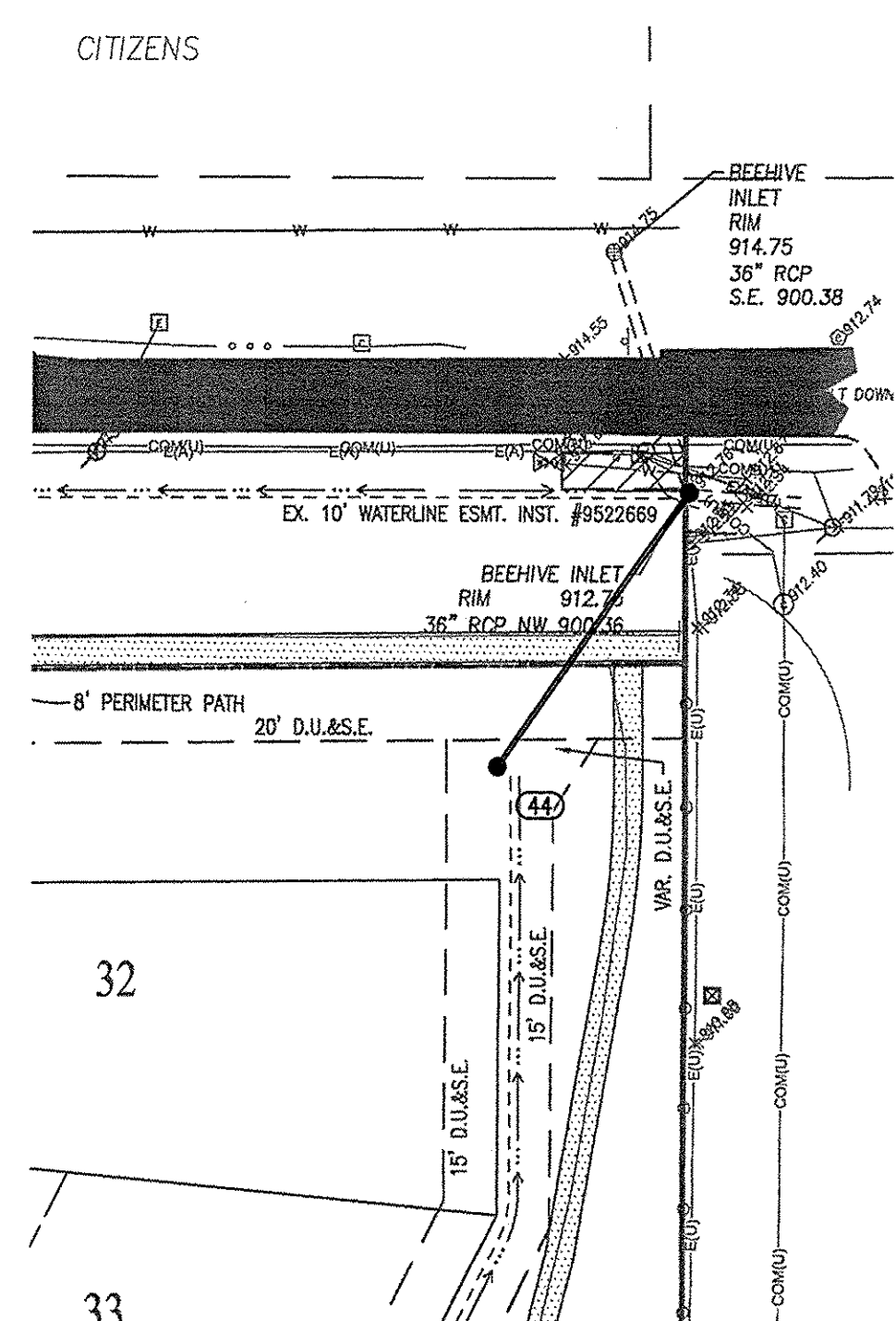
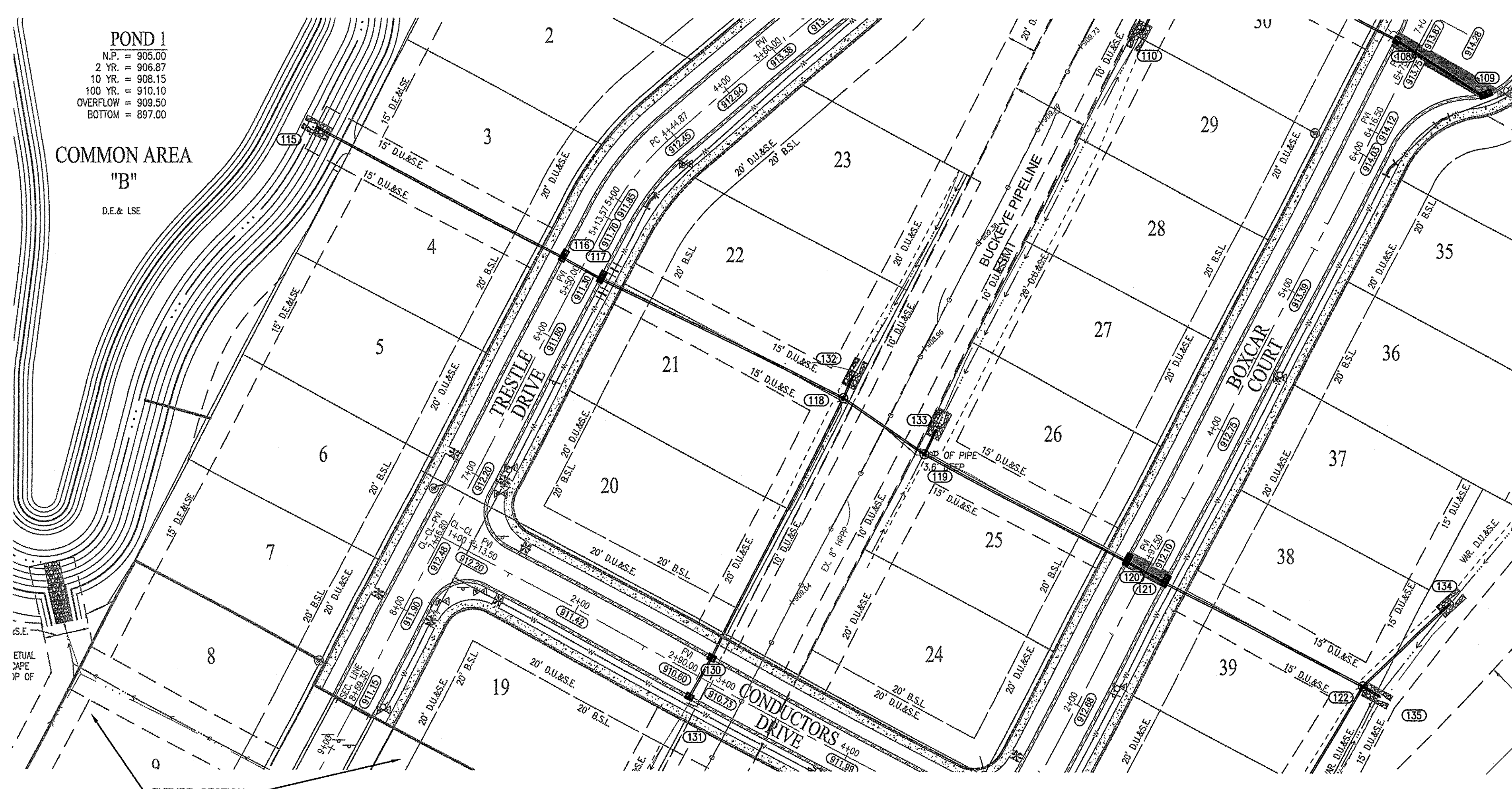
PROJECT NO.: W150389-1
DWG NAME: STORM SEWER AS-BUILTS
DISCUSSION: DTR
DRAWN BY: DTR
CHECKED BY: DWS
DATE: 04-01-2016

REVISIONS AND ISSUES

NO.	DATE	DESCRIPTION
1	04-01-2016	ISSUED FOR PERMIT



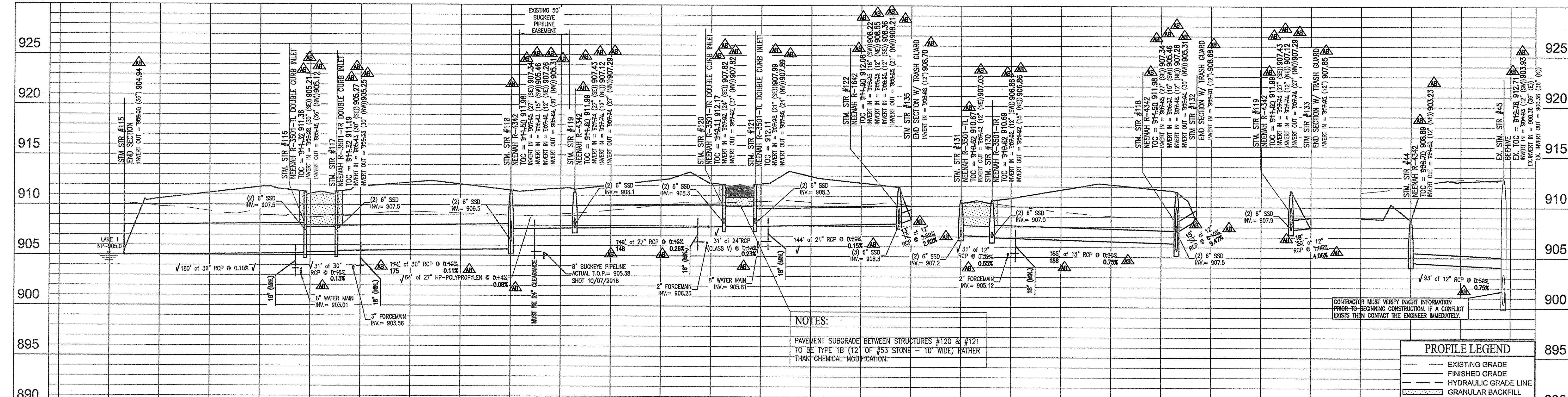
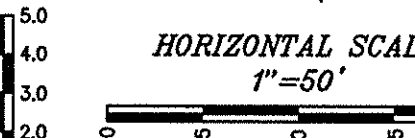
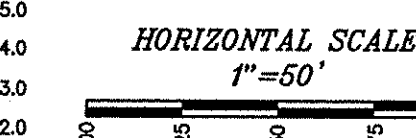
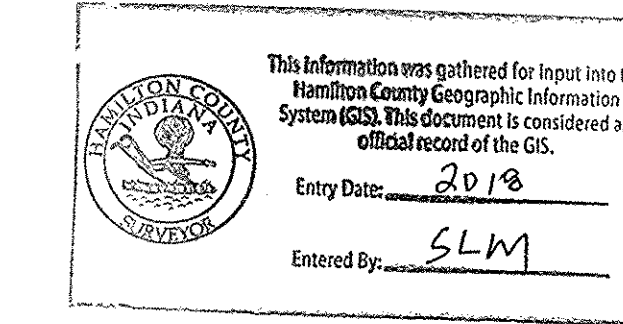
David K. Sexton
March 01, 2016



- NOTES:**
- ALL STRUCTURES DEEPER THAN 4'-0" MUST BE ACCESSIBLE w/ STEPS.
 - DEBRIS GUARDS TO BE INSTALLED ON ALL OPEN ENDED INLETS.
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PROFILE LEGEND

- EXISTING GRADE
- FINISHED GRADE
- HYDRAULIC GRADE LINE
- GRANULAR BACKFILL
- 12" OF #33 STONE

WEST RAIL AT THE STATION, SECTION ONE
Beazer Homes Indiana, LLP
STORM SEWER PLAN & PROFILES
SHEET NO. **C601**
PROJECT NO. W150389-1

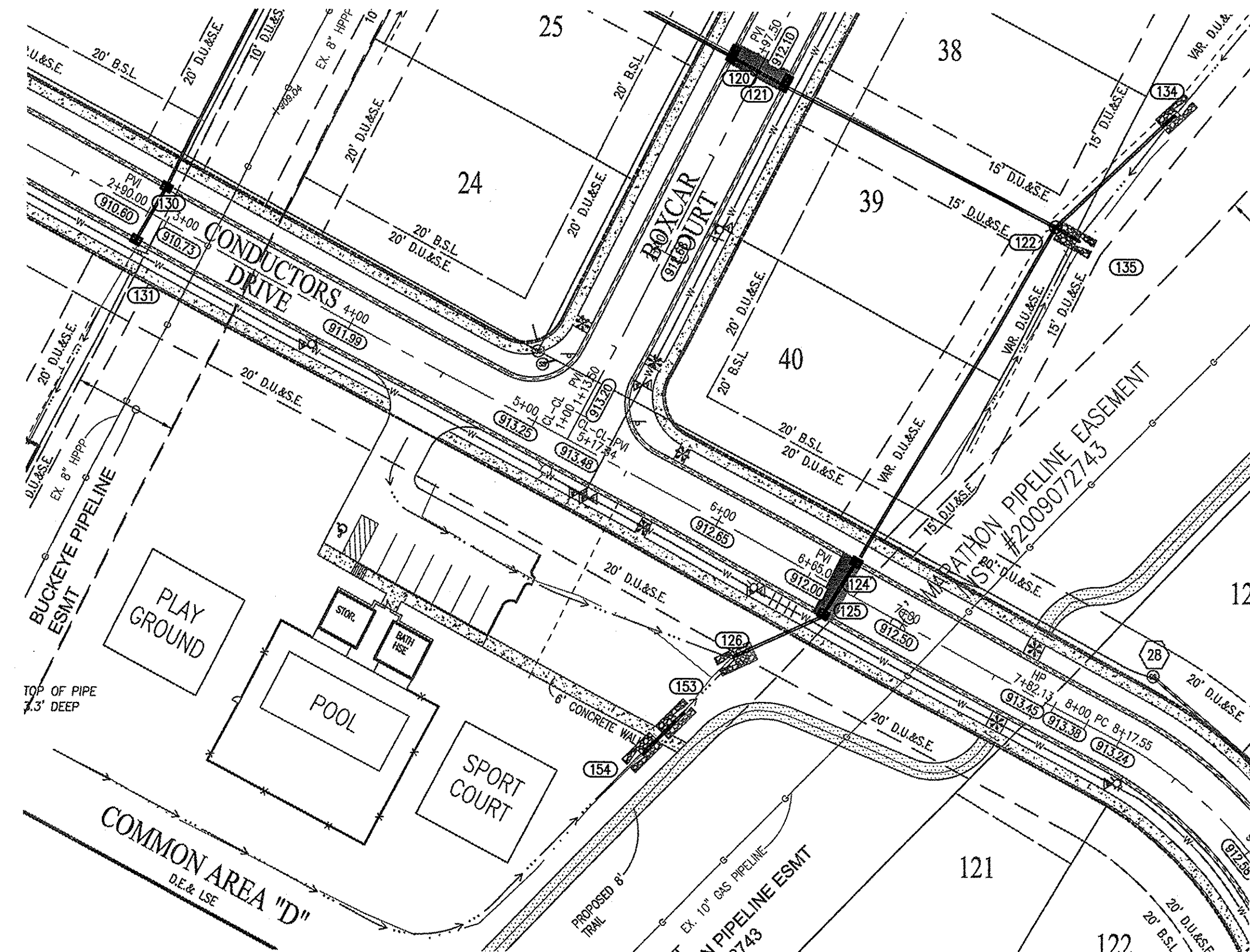
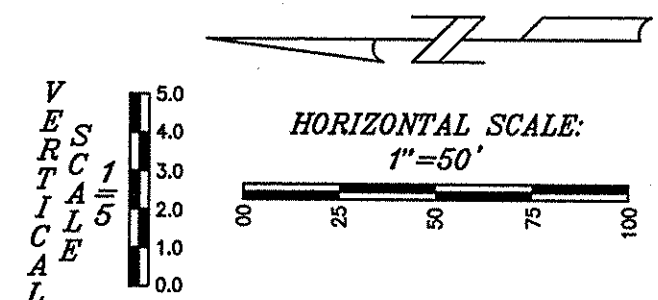
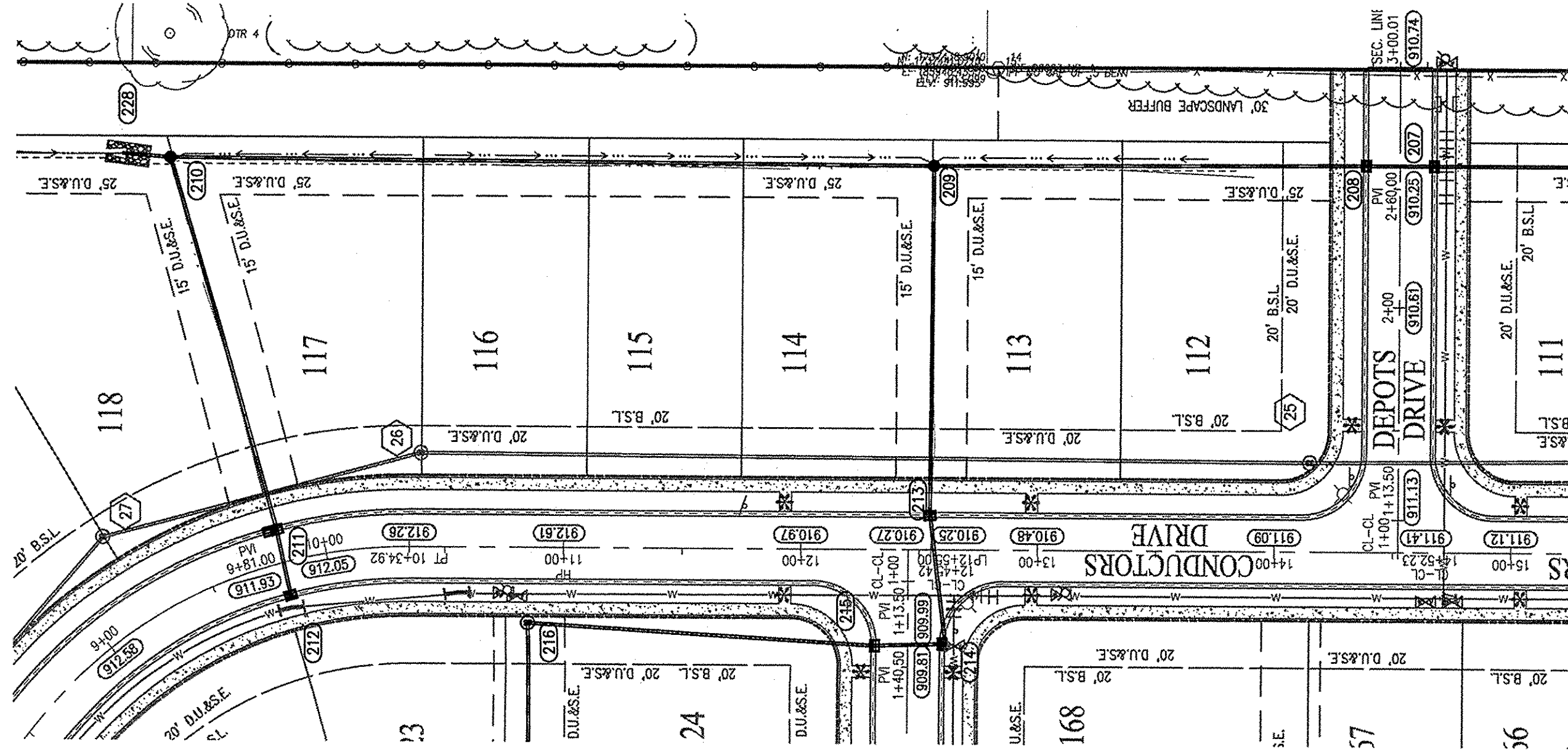
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RECORD DRAWING
STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY
7-14-2017

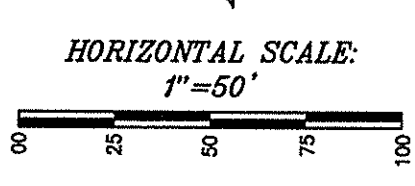
JOSEPH TRTAN, LS21500003



- AS-BUILT INFORMATION
- BUILT AS DESIGNED



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: 2019
Entered By: SLM



NOTE:

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ATTN: KYLE SMITH
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MARATHON PIPELINE COMPANY, LLC
10722 EAST COMPANY ROAD 300 NORTH
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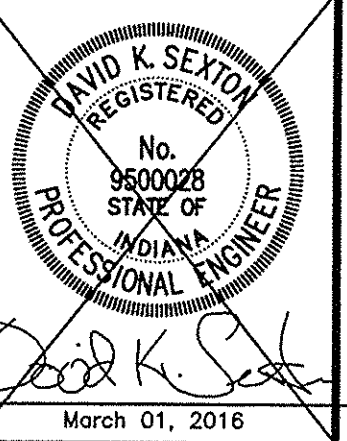
NOTES:

1. ALL STRUCTURES DEEPER THAN 4'-0" MUST BE ACCESSIBLE w/ STEPS.
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3. ALL BEEHIVE CASTINGS ON A 2'X2' BOX SHALL HAVE A SQUARE RISER WITH A ROUND HOLE.

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- T.B.M. 1 - "M40" NAIL ON NORTH SIDE OF POWER POLE, 1.0 FT. UP, 509 FEET WEST OF CENTERLINE OF DECLARATION DRIVE AND 37 FEET SOUTH OF CENTERLINE OF 156TH STREET. ELEV. = 914.94 NAVD 88
- T.B.M. 2 - RAILROAD SPIKE ON NORTH SIDE OF POWER POLE, 0.9 FT. UP, 509 FEET WEST OF CENTERLINE OF DECLARATION DRIVE AND 40 FEET SOUTH OF CENTERLINE OF 156TH STREET. ELEV. = 914.05 NAVD 88
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PROJECT NO.	W150389-1
DWG. NUMBER	
DESIGNED BY	DTR
DRAWN BY	DTR
CHECKED BY	DAS
DATE	04-01-2016
DATE	10/02/2016
DATE	11/04/12, 14-16, 13-15
DATE	10/02/2016

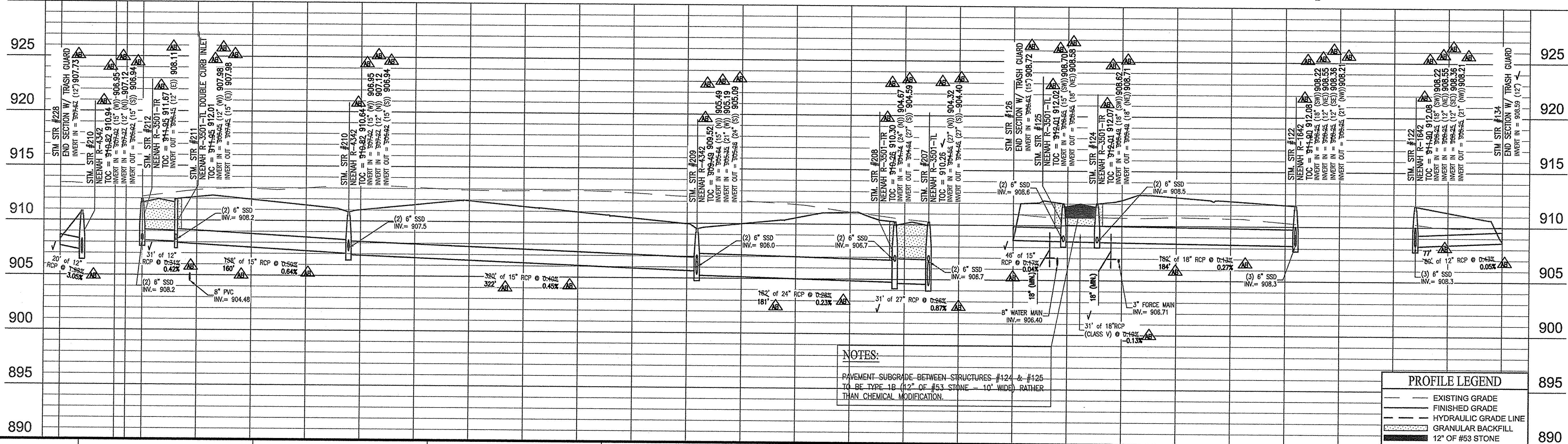


PREPARED FOR:
WEST RAIL AT THE STATION, SECTION ONE
Beazer Homes Indiana, LLP

STORM SEWER PLAN & PROFILES
Part of Station 10, Township 18 North, Range 3 East, Hamilton County, Hamilton County, Indiana

SHEET NO.
C602

PROJECT NO.
W150389-1



- NOTES:**
- PAVEMENT SUBGRADE BETWEEN STRUCTURES #124 & #125 TO BE TYPE 1B (1/2" OF #53 STONE - 10' WIDE) RATHER THAN CHEMICAL MODIFICATION.

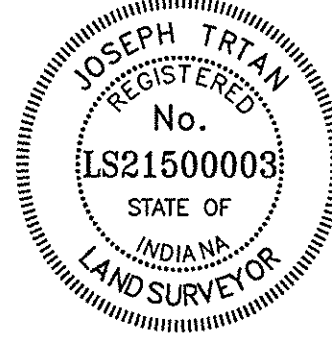
PROFILE LEGEND

	EXISTING GRADE
	FINISHED GRADE
	HYDRAULIC GRADE LINE
	GRANULAR BACKFILL
	12" OF #53 STONE

LOCATION: H:\3101\W150389\Section 1\Engineering\Drawings\Station\AS-Built Storm Profile.dwg
LAYOUT: C602
DATE: 10-15-2017 11:22am
PLOT/DWG BY: mweaver

RECORD DRAWING
STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY
7-14-2017

JOSEPH TRTAN, LS21500003



- △ AS-BUILT INFORMATION
- ✓ BUILT AS DESIGNED

NOTE:

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317-870-0122

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10722 EAST COMPANY ROAD 300 NORTH
INDIANAPOLIS, IN 46234
ATTN: AUSTIN GUYER
317-291-9460

BENCHMARK INFORMATION

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- T.B.M. 1 - "W" NAIL ON NORTH SIDE OF POWER POLE, 1.0 FT. UP, 509 FEET WEST OF CENTERLINE OF DECLARATION DRIVE AND 37 FEET SOUTH OF CENTERLINE OF 156TH STREET. ELEV. = 914.94 NAVD 88
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- T.B.M. 5 - NORTHEAST BONNET FLANGE BOLT FIRE HYDRANT, 56 FEET EAST OF CENTERLINE OF DITCH ROAD AND 678 FEET NORTH OF CENTERLINE OF 156TH STREET. ELEV. = 918.12 NAVD 88

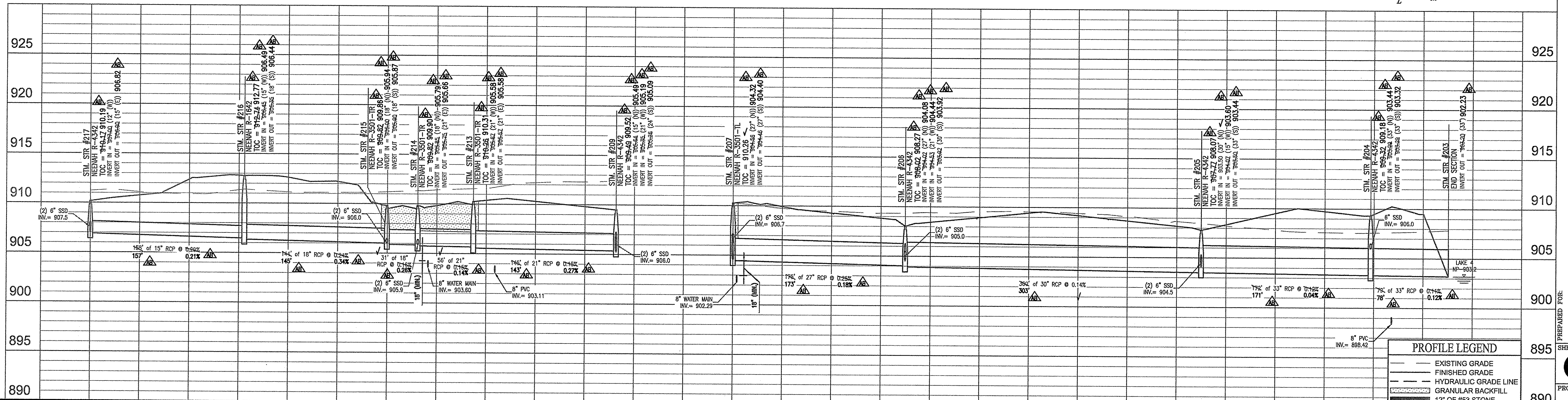
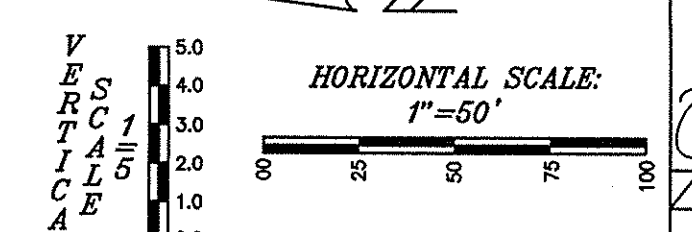
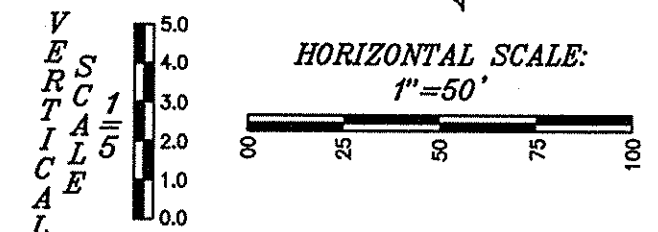
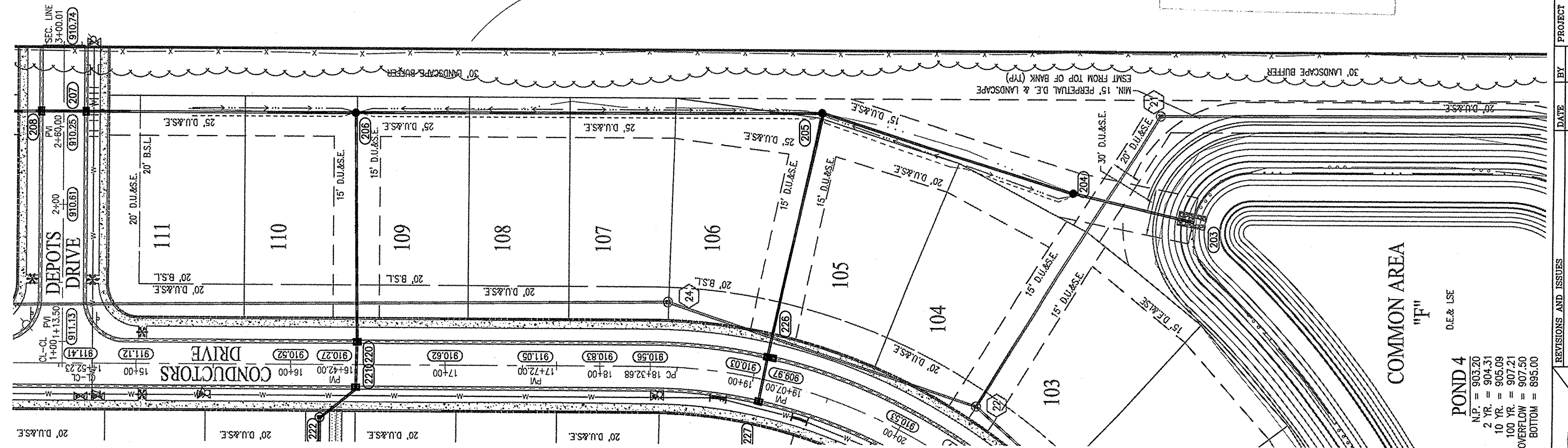
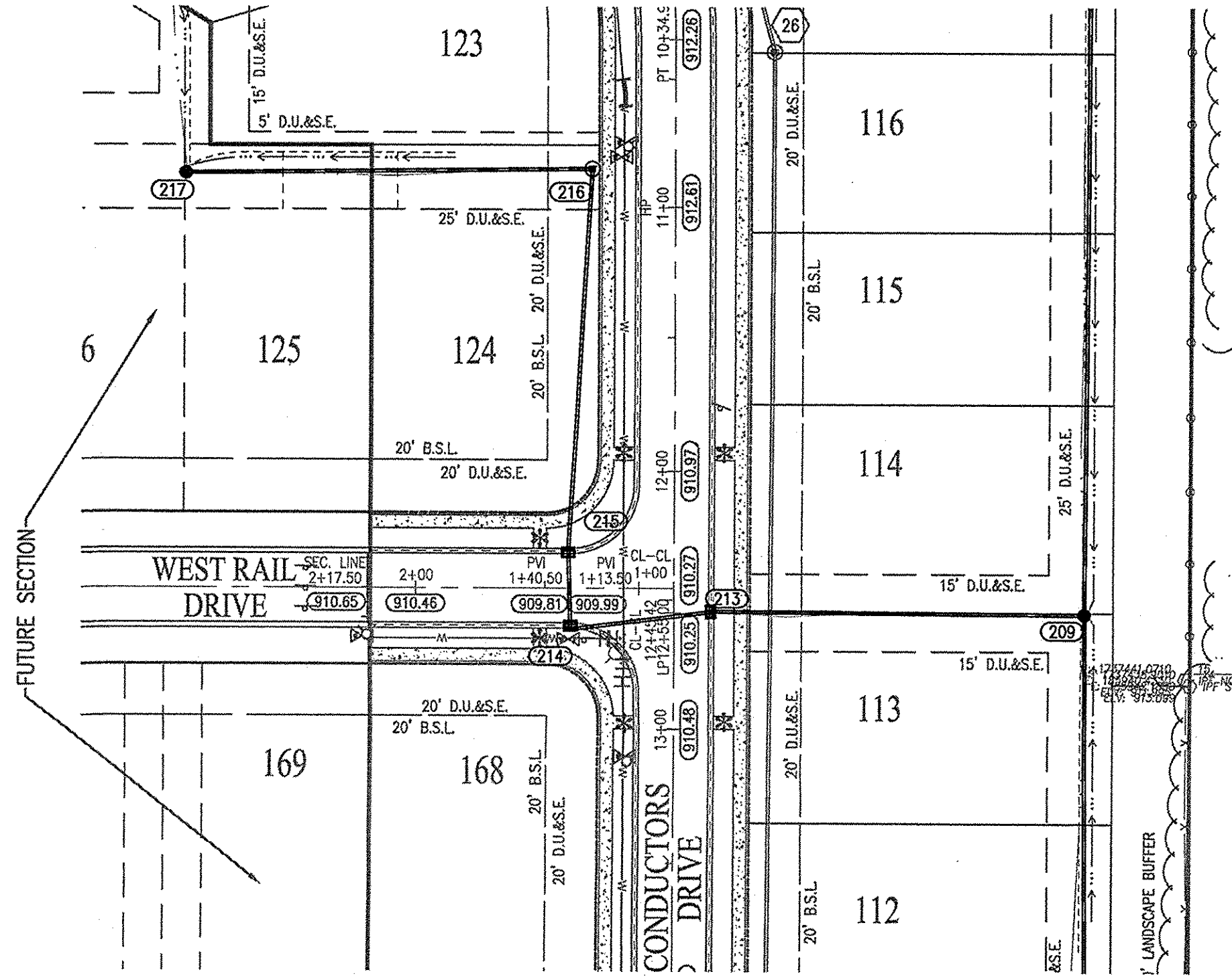
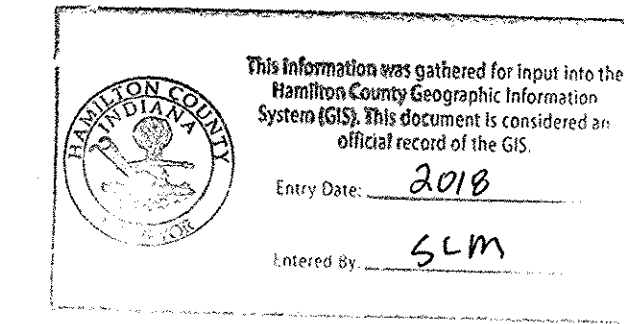


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24 Hours a Day, 7 Days a Week

PER INDIANA STATE LAW IC 8-1-26, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

NOTES:

1. ALL STRUCTURES DEEPER THAN 4'-0" MUST BE ACCESSIBLE w/ STEPS.
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3. ALL BEEHIVE CASTINGS ON A 2'X2' BOX SHALL HAVE A SQUARE RISER WITH A ROUND HOLE.

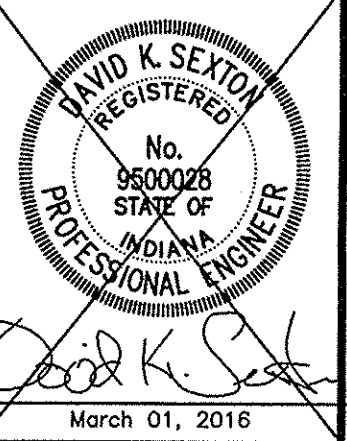


PROFILE LEGEND

	EXISTING GRADE
	FINISHED GRADE
	HYDRAULIC GRADE LINE
	GRANULAR BACKFILL
	12" OF #3 STONE

REVISIONS AND ISSUES

NO.	DATE	BY	REVISIONS AND ISSUES
1	04-01-2018	DMS	DATE
2		DTR	CHECKED BY:
3		DTR	DRAWN BY:
4		DTR	DESIGNED BY:
5		DTR	CODED BY:
6		DTR	PROJECT NO.:



WEST RAIL AT THE STATION, SECTION ONE
Beazer Homes Indiana, LLP
STORM SEWER PLAN & PROFILES
SHEET NO. **C603**
PROJECT NO. W150389-1

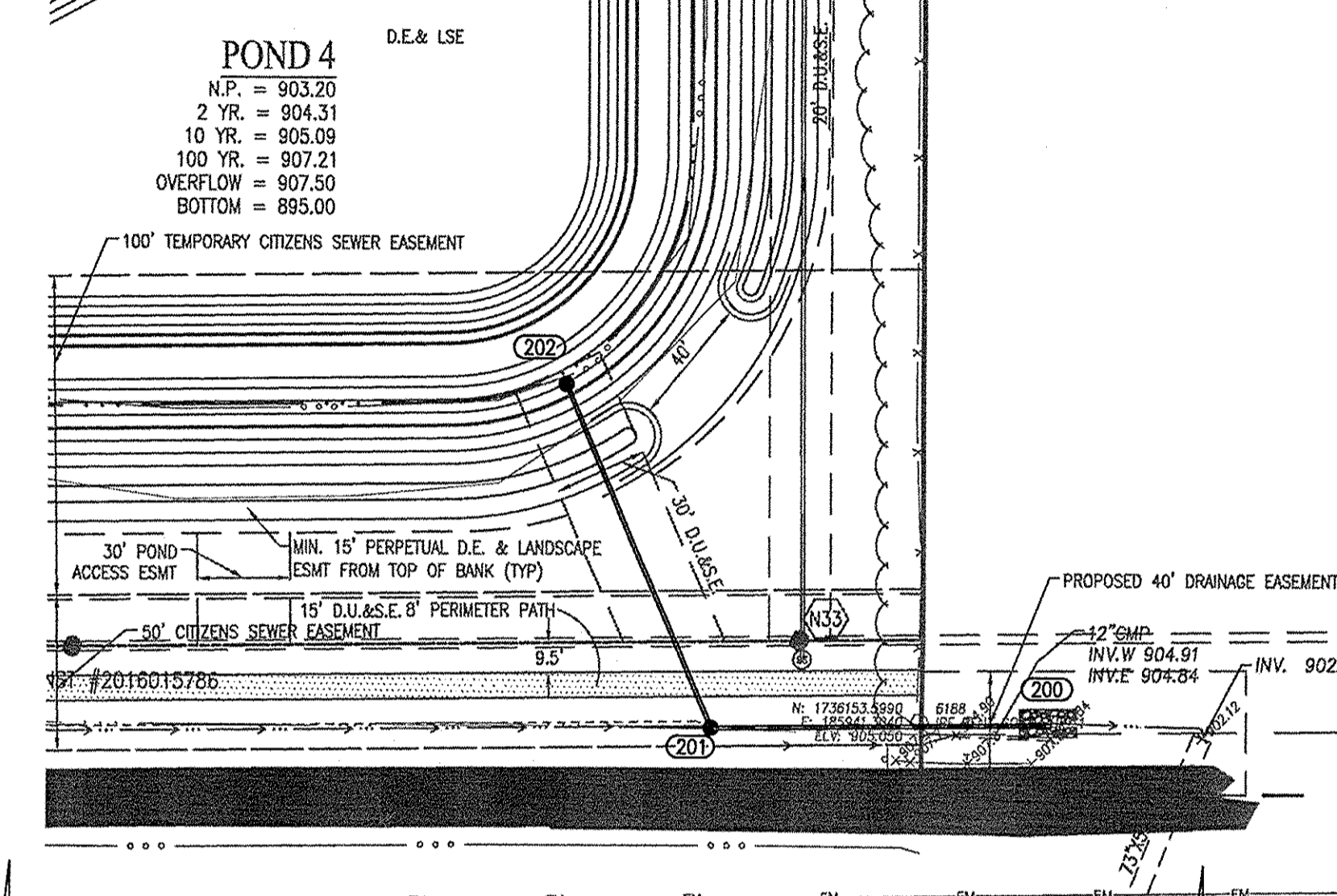
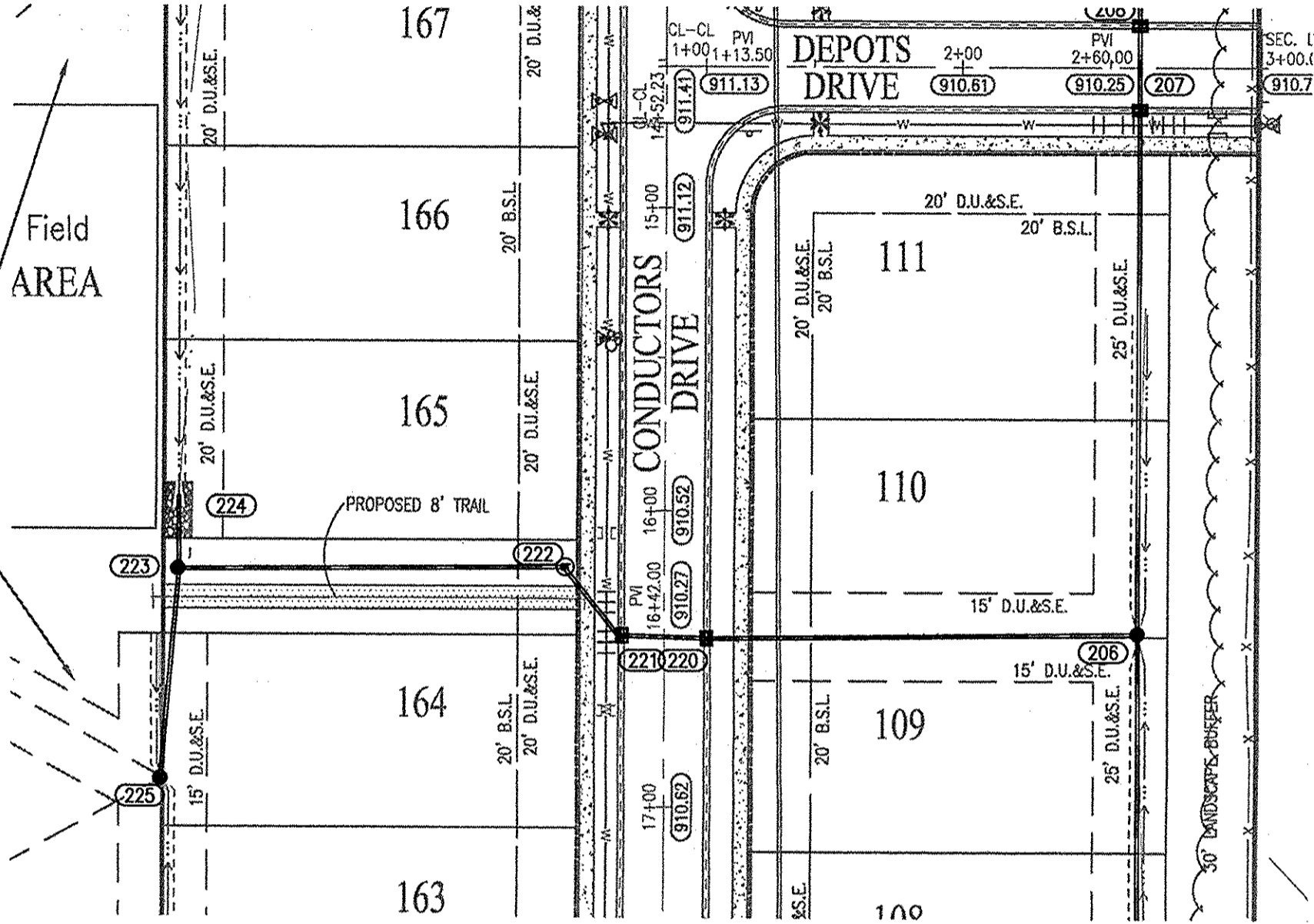
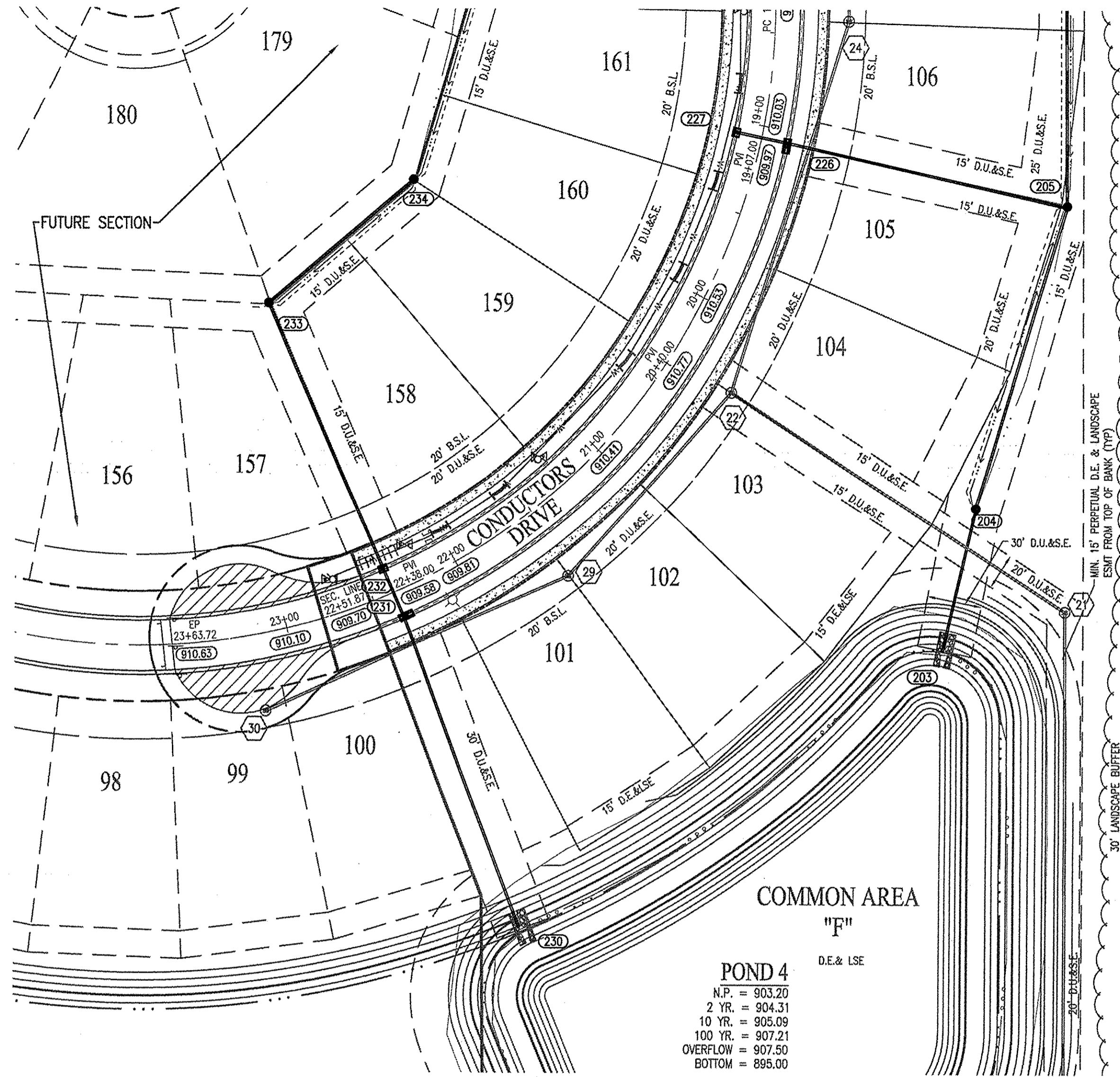
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RECORD DRAWING
STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY
7-14-2017

JOSEPH TRTAN, LS21500003



- ASBUILT INFORMATION
- BUILT AS DESIGNED



POND 4
D.E. & LSE
N.P. = 903.20
2 YR. = 904.31
10 YR. = 905.09
100 YR. = 907.21
OVERFLOW = 907.50
BOTTOM = 895.00

POND 4
D.E. & LSE
N.P. = 903.20
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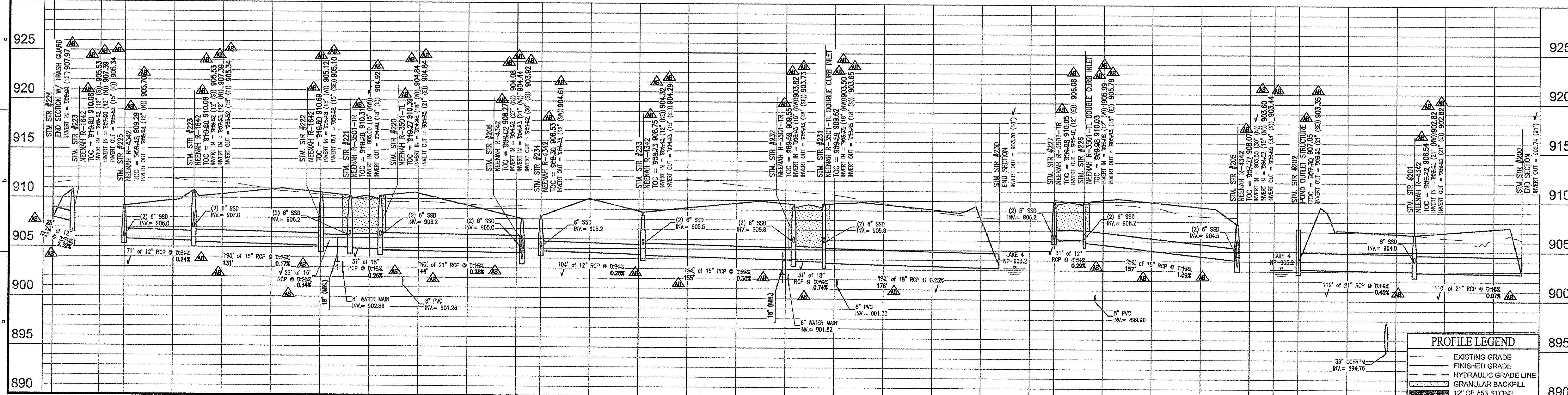
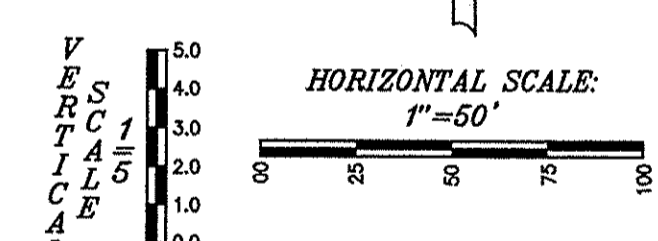
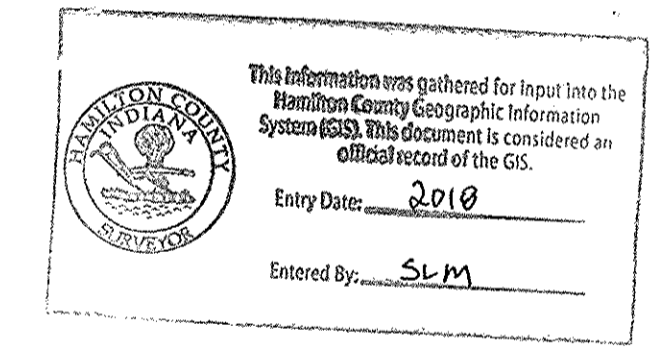
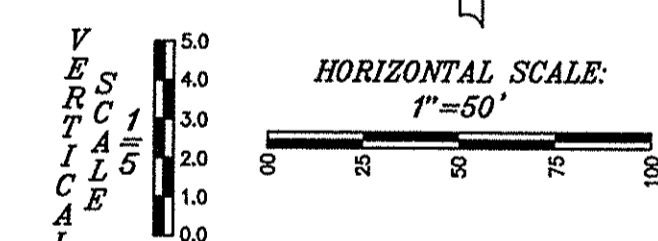
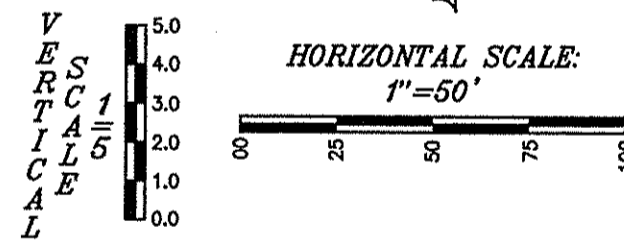
NOTE:

CONTRACTOR TO CONTACT BUCKEYE PIPELINE COMPANY AND/OR MARATHON PIPELINE COMPANY PRIOR TO ANY WORK WITH THE VICINITY OF THEIR PIPELINES AND EASEMENTS DENOTED ON THE PLANS.

CONTACTS:

BUCKEYE PARTNERS, LP
5404 W. 96TH STREET
INDIANAPOLIS, IN 46238
ATTN: KYLE SMITH
317-870-0122

MARATHON PIPELINE COMPANY, LLC
10722 EAST COMPANY ROAD 300 NORTH
INDIANAPOLIS, IN 46234
ATTN: AUSTIN GUYER
317-291-9460



PROFILE LEGEND

- EXISTING GRADE
- FINISHED GRADE
- HYDRAULIC GRADE LINE
- GRANULAR BACKFILL
- 12' OF #3 STONE

BENCHMARK INFORMATION

- BM - A DNR BRASS DISK SET IN THE TOP OF A CONCRETE POST, LEVEL WITH THE GROUND, STAMPED "M 41" LOCATED APPROXIMATELY 1,334 FEET WEST OF THE CENTERLINE OF DITCH ROAD AND ABOUT 14 FEET NORTH OF THE CENTERLINE OF 156TH STREET. STATE PLANE COORDINATES: N1736106.52 E181985.25 ELEV. = 917.54 NAVD 88
- T.B.M. 1 - "M" GAL ON NORTH SIDE OF POWER POLE, 1.0 FT. UP, 509 FEET WEST OF CENTERLINE OF DECLARATION DRIVE AND 37 FEET SOUTH OF CENTERLINE OF 156TH STREET. ELEV. = 914.94 NAVD 88
- T.B.M. 2 - RAILROAD SPIKE ON NORTH SIDE OF POWER POLE, 0.9 FT. UP, 96 FEET EAST OF CENTERLINE OF DECLARATION DRIVE AND 40 FEET SOUTH OF CENTERLINE OF 156TH STREET. ELEV. = 914.05 NAVD 88
- T.B.M. 3 - RAILROAD SPIKE ON NORTH SIDE OF POWER POLE, 1.3 FT. UP, 670 FEET WEST OF CENTERLINE OF HALEIGH PASS AND 14 FEET SOUTH OF CENTERLINE OF 161ST STREET. ELEV. = 914.63 NAVD 88
- T.B.M. 4 - RAILROAD SPIKE ON EAST SIDE OF POWER POLE, 1.0 FT. UP, 233 FEET EAST OF CENTERLINE OF HALEIGH PASS DRIVE AND 18 FEET SOUTH OF CENTERLINE OF 161ST STREET. ELEV. = 914.32 NAVD 88
- T.B.M. 5 - NORTHEAST BONNET FLANGE BOLT FIRE HYDRANT, 56 FEET EAST OF CENTERLINE OF DITCH ROAD AND 676 FEET NORTH OF CENTERLINE OF 156TH STREET. ELEV. = 916.12 NAVD 88

NOTES:

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WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

10505 N. College Avenue
Indianapolis, Indiana 46280
weihene.net
317 | 846 - 6611
800 | 452 - 6408
317 | 843 - 0546 fax
ALLAN H. WEIHE, P.E., L.S. - FOUNDER

PROJECT NO.:	150389-1
DWG NAME:	C604
DESIGNED BY:	JRT
DRAWN BY:	JRT
CHECKED BY:	JRT
DATE:	04-01-2016

DAVID K. SEXTON
REGISTERED
No. 9600028
STATE OF
INDIANA
PROFESSIONAL ENGINEER
March 01, 2016

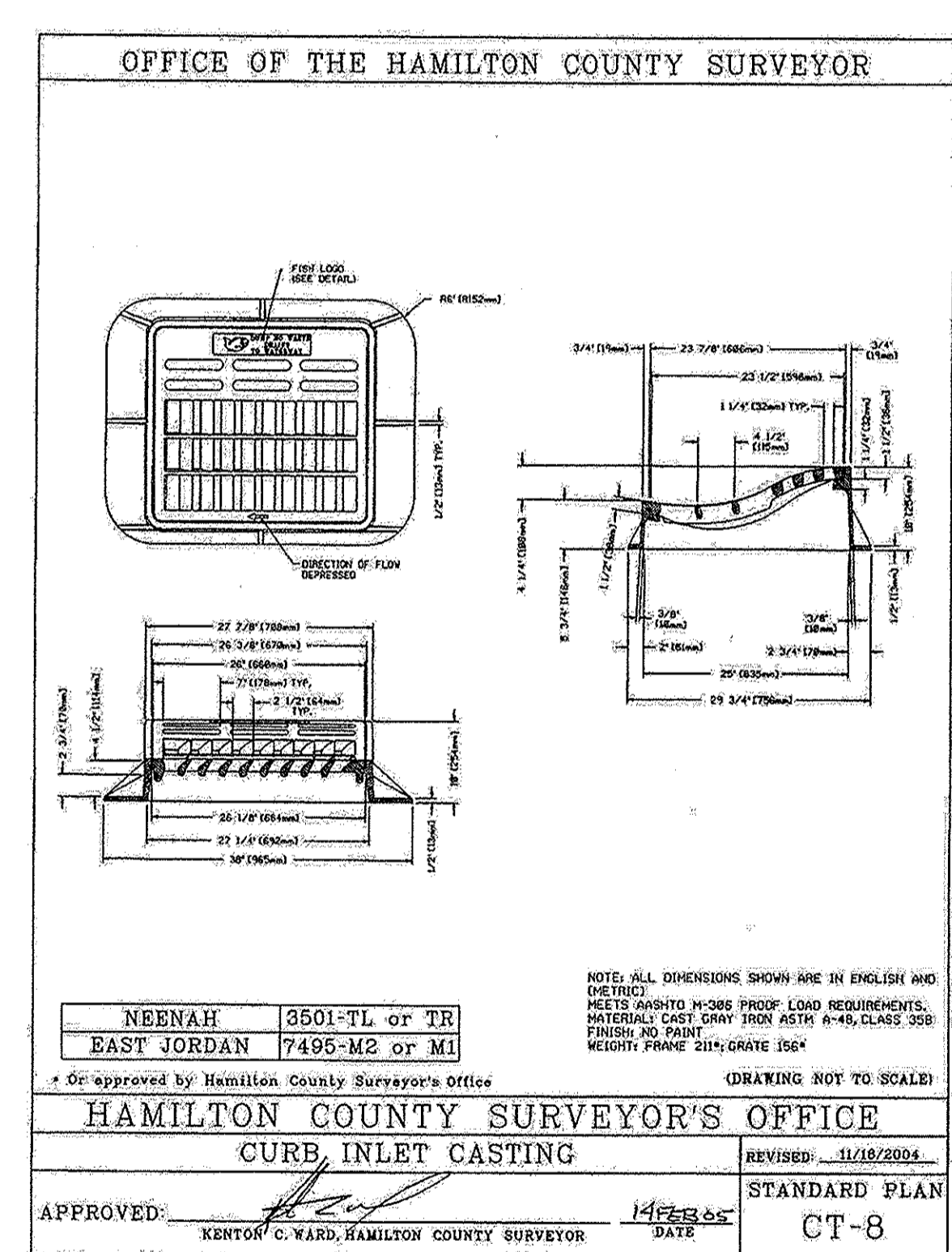
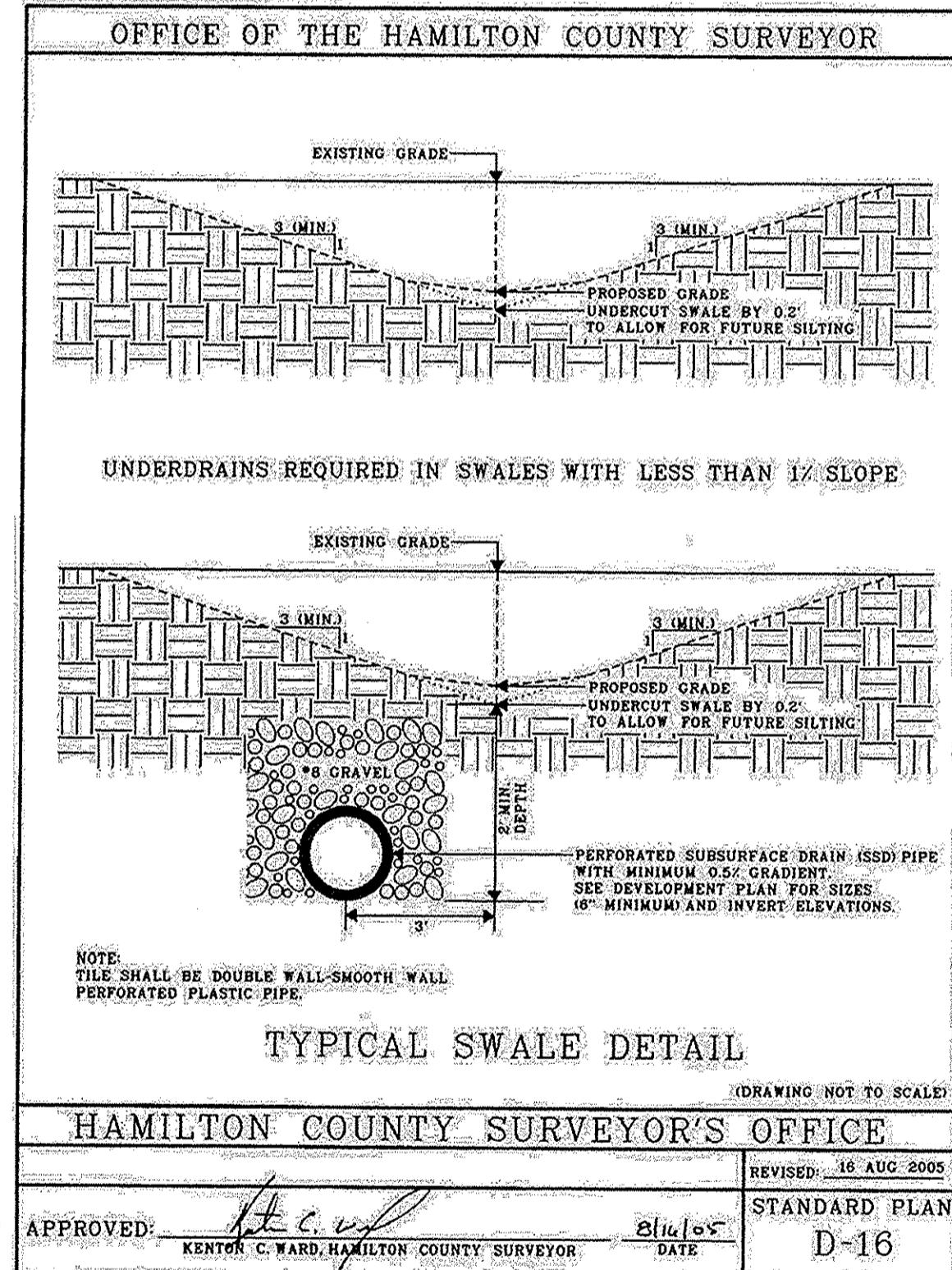
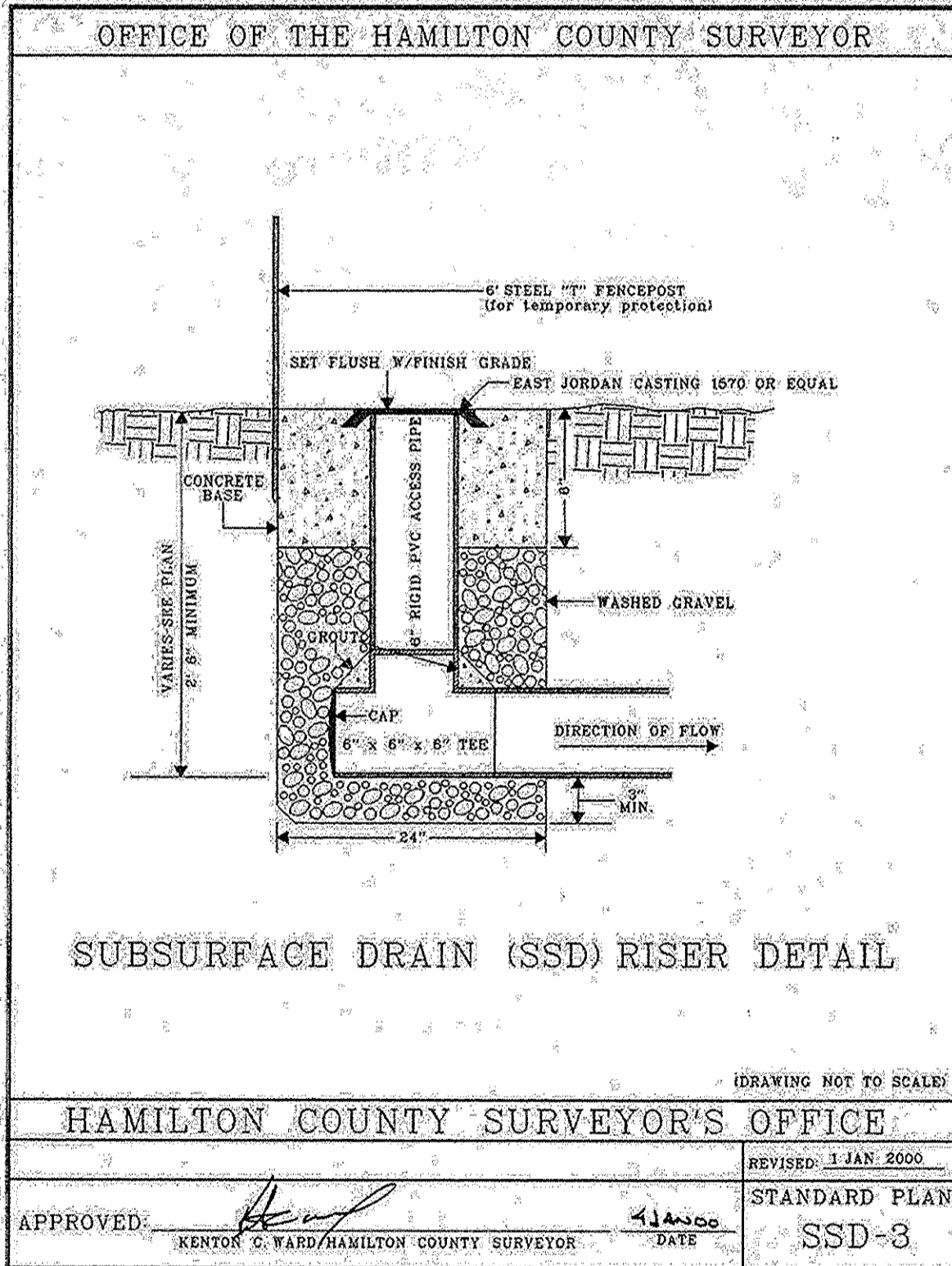
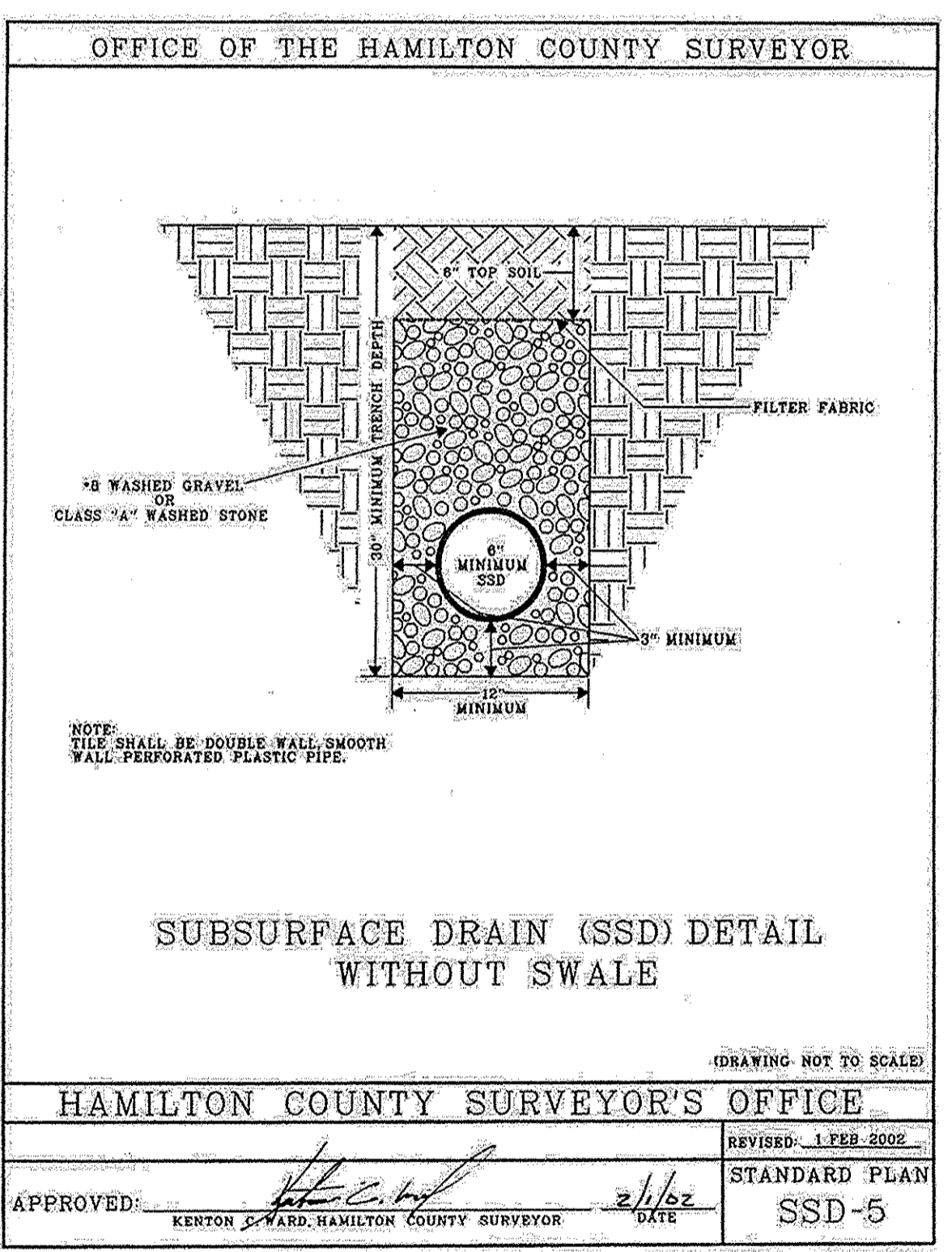
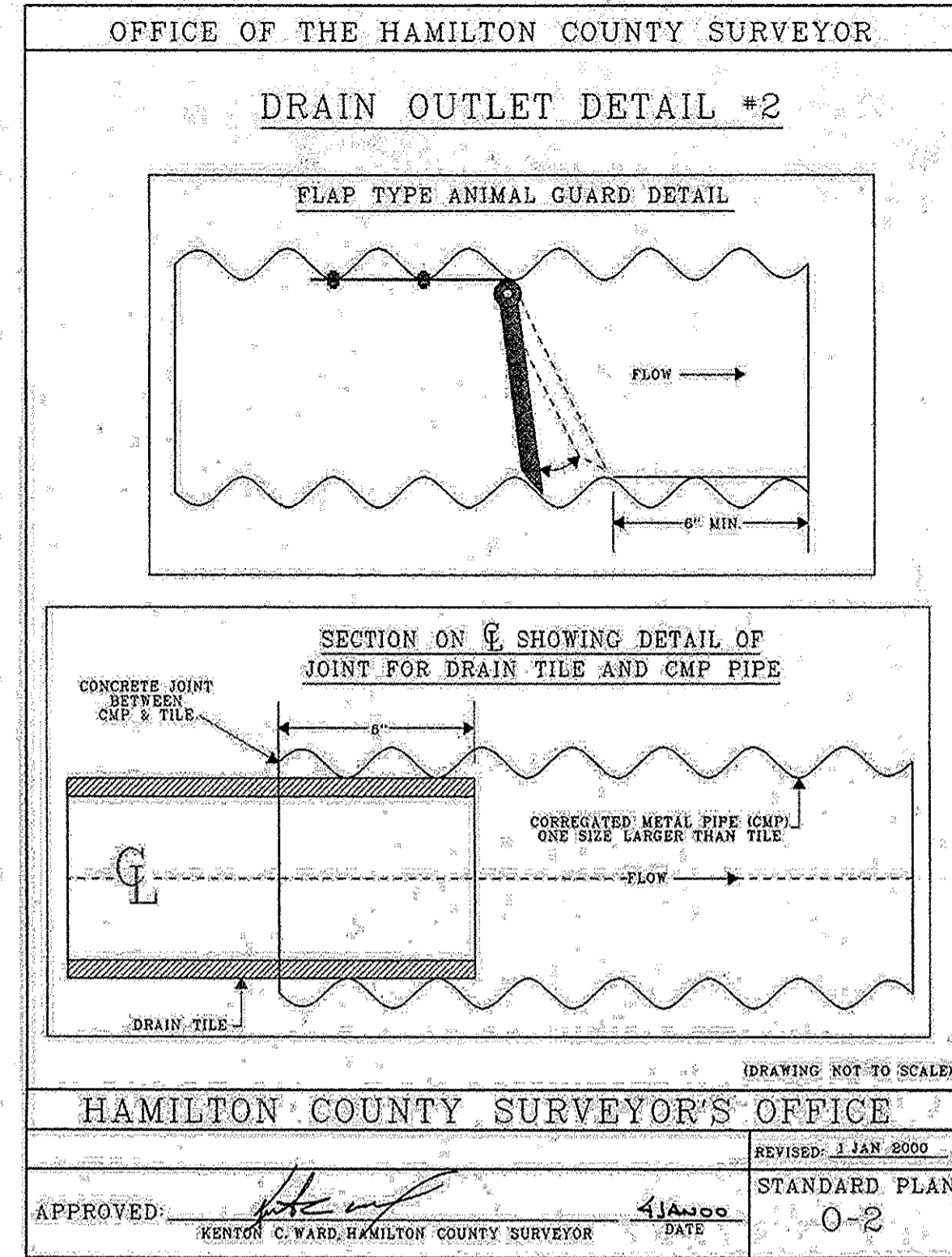
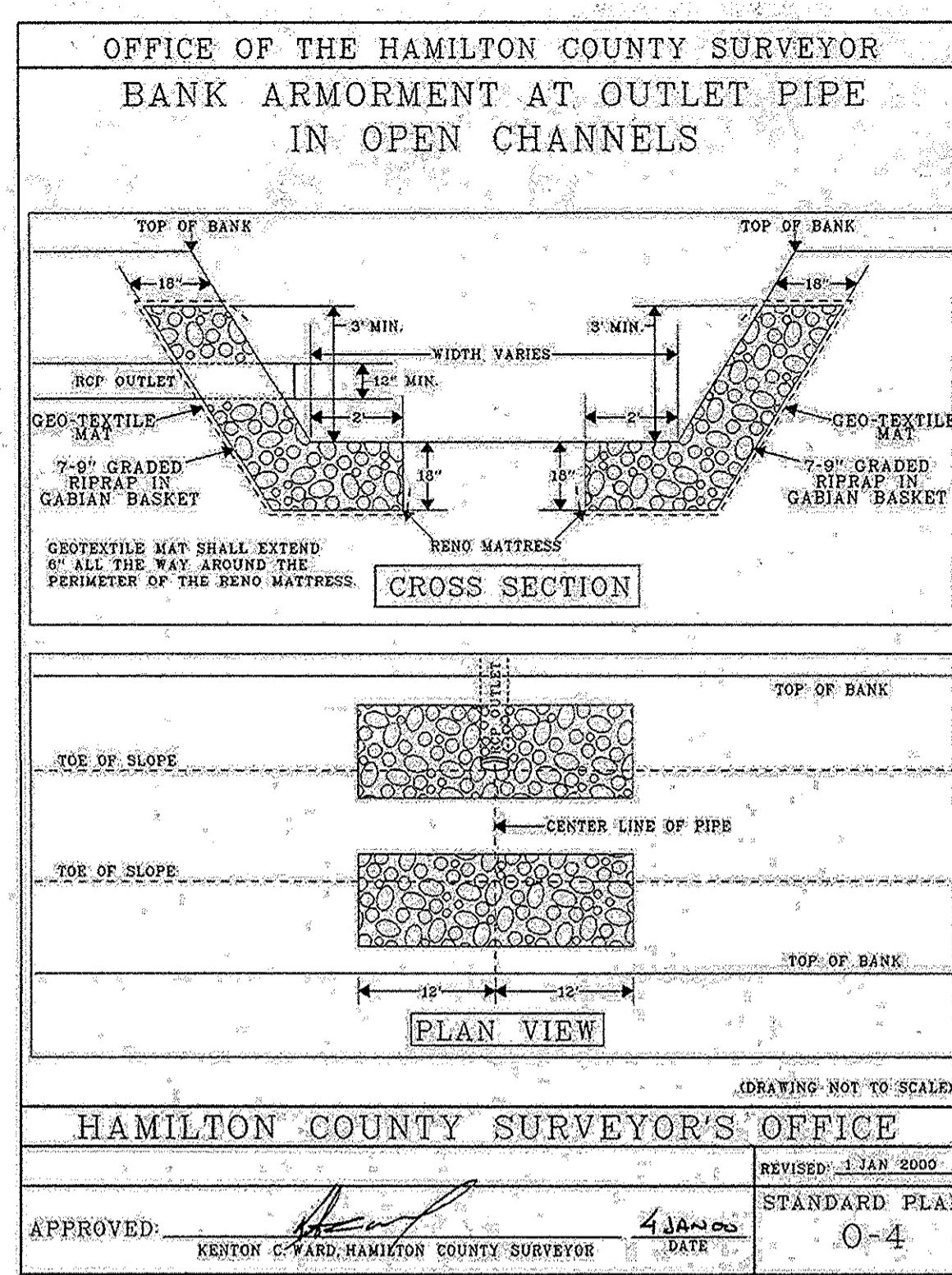
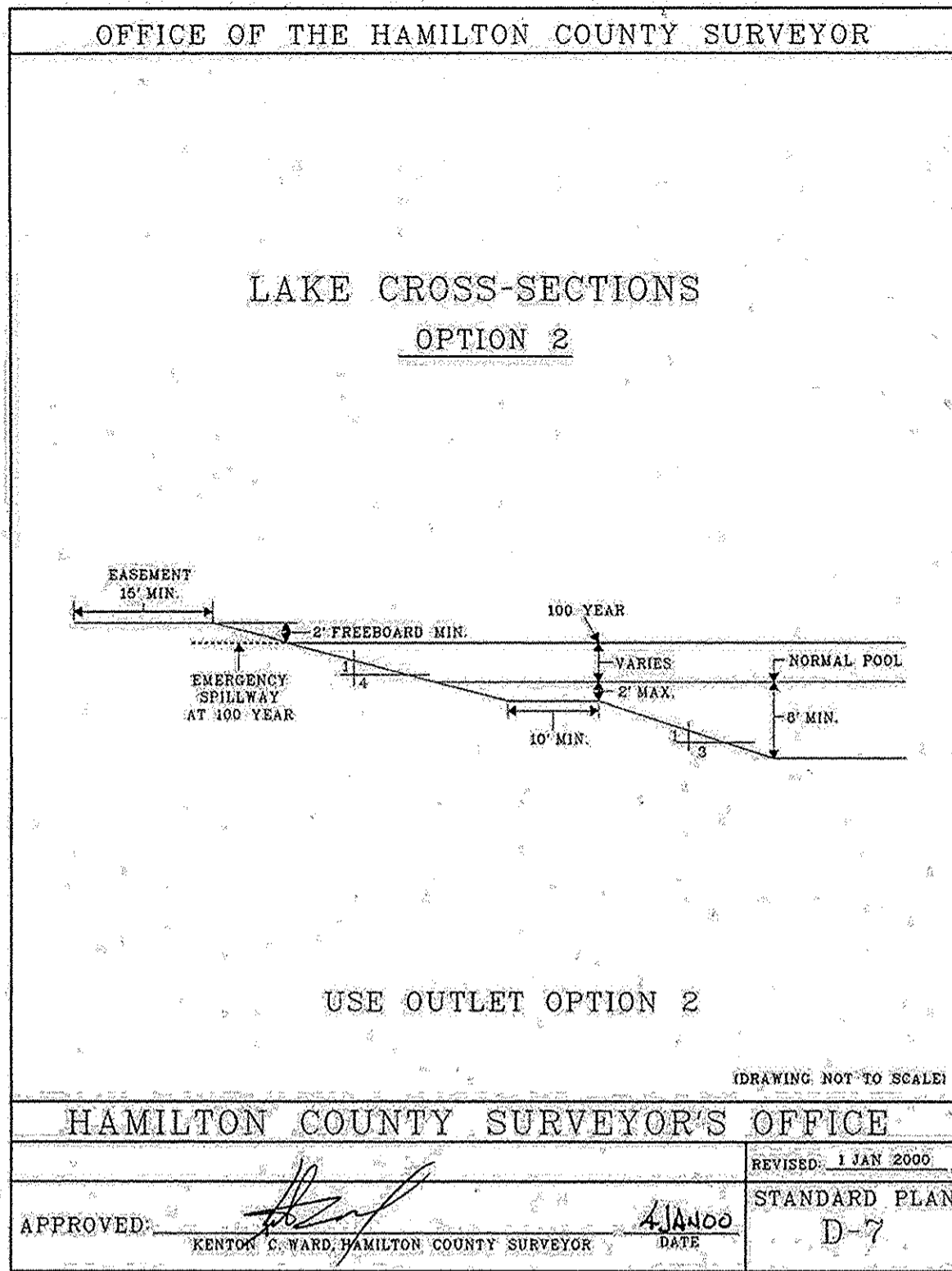
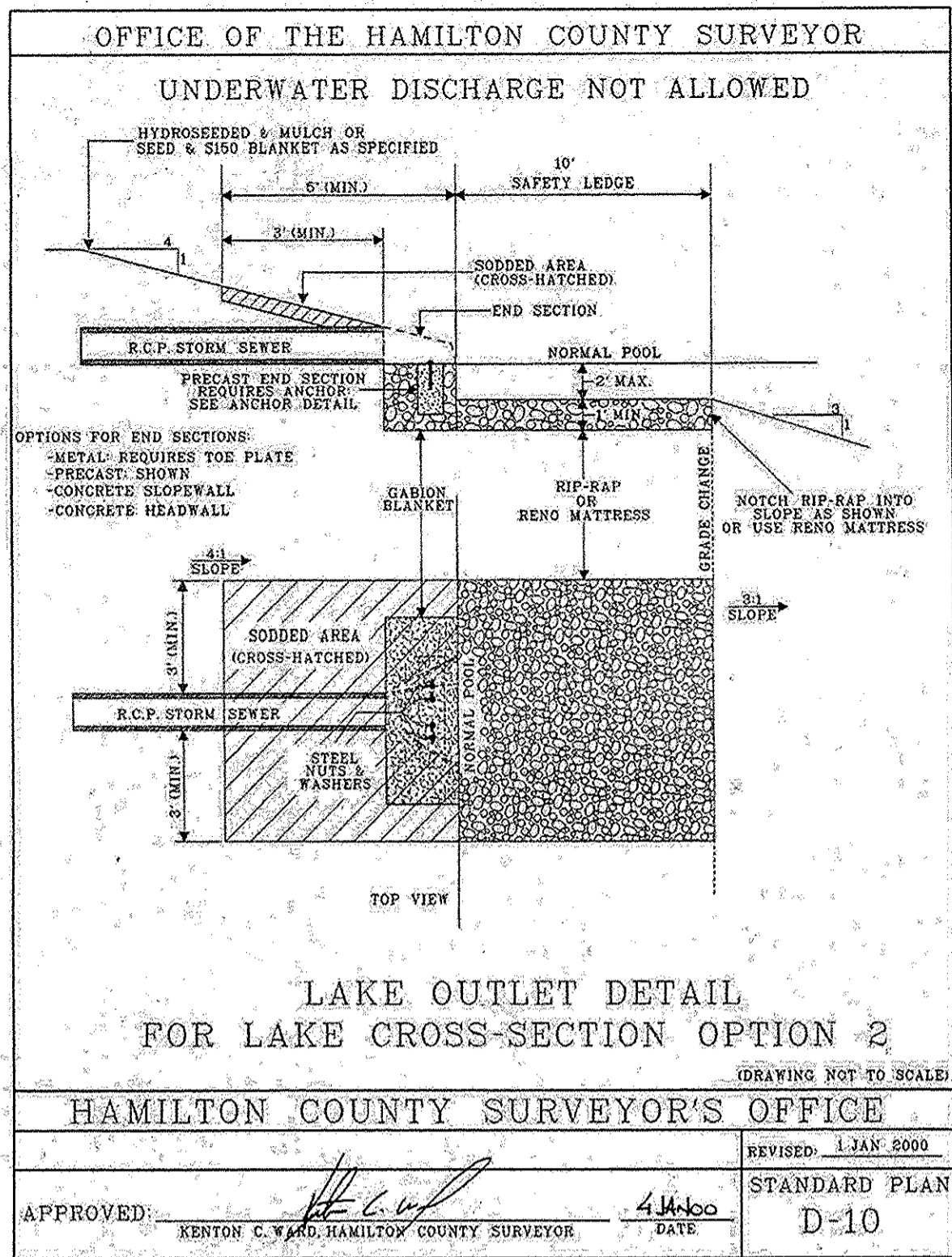
PREPARED FOR:
WEST RAIL AT THE STATION, SECTION ONE
Beazer Homes Indiana, LLP

STORM SEWER PLAN & PROFILES
Part of Station 16, Trussville to North Range & East, Washington Township, Hamilton County, Central, Indiana.

PROJECT NO.
C604

PROJECT NO.
W150389-1

Location: I:\Projects\150389\Section 1\Engineering\Drawings\Submittal\AB_C604 Storm Plan.dwg
Date Plotted: July 13, 2017 1:13pm
Plotted By: weiner



RECORD DRAWING

STORM SEWER AS-BUILTS

STORM SEWER STRUCTURES ONLY

7-14-2017

JOSEPH TRITAN, LS21500003

JOSEPH TITAN REGISTERED No. LS21500003 STATE OF INDIANA LAND SURVEYOR

AS-BUILT INFORMATION

BUILT AS DESIGNED

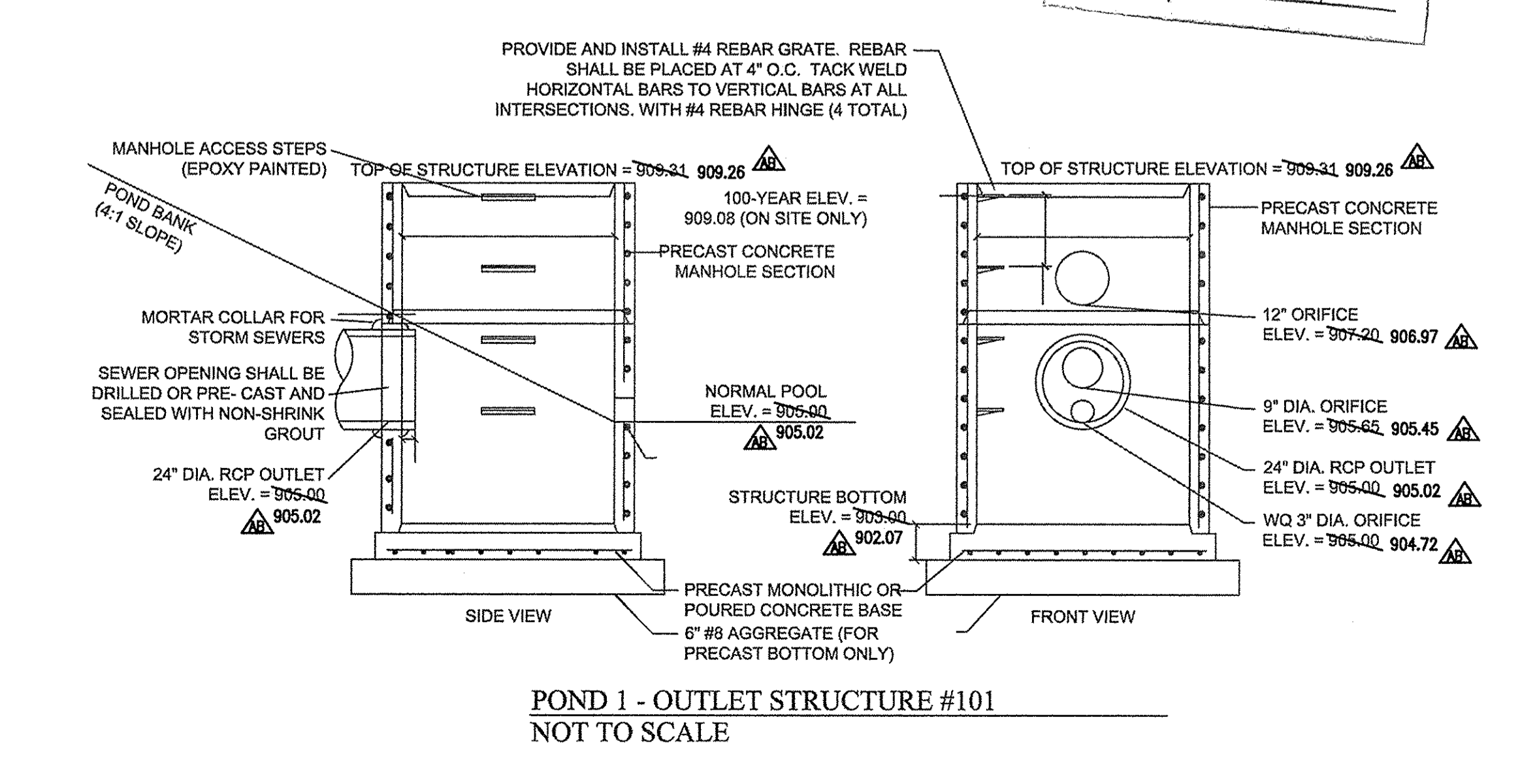
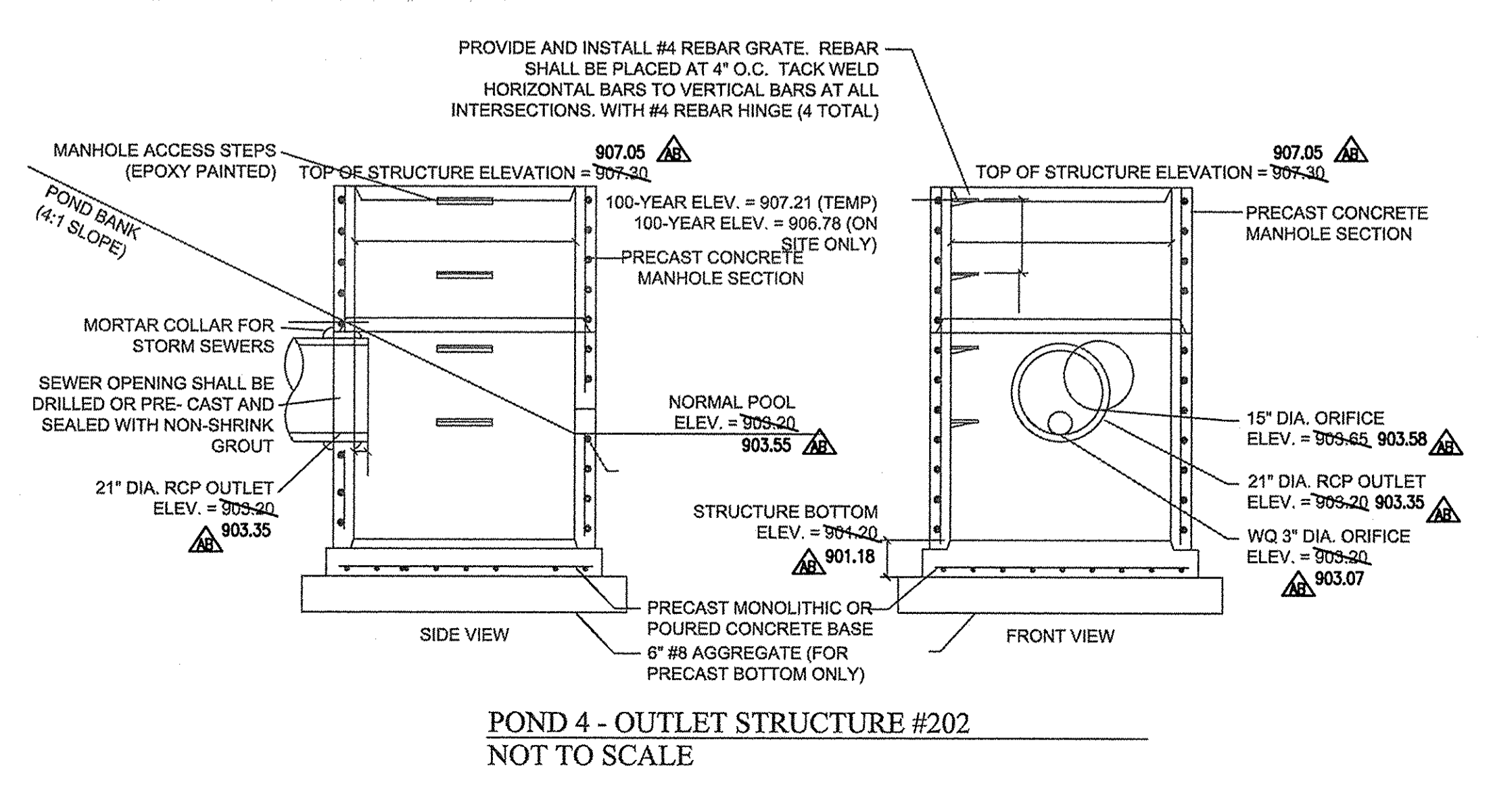
POND SPILLWAY DETAIL (NO SCALE)

DESIGNATION	LAKE	TOP OF BANK ELEV.	100YR ELEV.	SPILLWAY ELEV.	SPILLWAY WIDTH
POND 1		911.50	909.08	909.50	50'
POND 4 TEMP		909.50	907.21	907.50	40'

HAMILTON COUNTY SURVEYOR'S OFFICE

APPROVED: *Joseph Tritan* JOSEPH TRITAN, HAMILTON COUNTY SURVEYOR DATE: 2/18

REVISOR: 11/18/2004 STANDARD PLAN



10505 N. College Avenue Indianapolis, Indiana 46280 weithe.net

317 | 846 - 6611
800 | 452 - 6408
317 | 843 - 0546 / fax

ALLAN H. WEIHE, P.E., L.S. - FOUNDER

WEIHE ENGINEERS

Land Surveying | Civil Engineering
Landscape Architecture

PROJECT NO.: W150389-1
DWG NAME: AS-BUILT Storm Details
DESIGNED BY: JET
DRAWN BY: JET
CHECKED BY: DNS
DATE: 07-01-2016

REVISIONS AND ISSUES

JOSEPH TITAN REGISTERED No. LS21500003 STATE OF INDIANA LAND SURVEYOR

DAVID K. SEYTON REGISTERED No. 600028 STATE OF INDIANA PROFESSIONAL ENGINEER

March 01, 2016

PREPARED FOR: WEST RAIL AT THE STATION, SECTION ONE Beazer Homes Indiana, LLP

STORM SEWER DETAILS

SHEET NO. C606 PROJECT NO. W150389-1

Location: H:\2016\W150389\Section 1\Engineering\Station\Verbena\AS-Built\Storm Details.dwg
Date/Time: July 14, 2017 11:58am
Plotted By: weithe