

K.W.

SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, CFM
 Surveyor of Hamilton County
 Phone (317) 776-8495
 Fax (317) 776-9628

Suite 188
 One Hamilton County Square
 Noblesville, Indiana 46060-2230

August 25, 2016

To: Hamilton County Drainage Board

Re: Williams 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, Williams 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	277 ft.	27" RCP	206 ft.
15" RCP	1,105 ft.	30" RCP	300 ft.
18" RCP	416 ft.	33" RCP	251 ft.
21" RCP	575 ft.	Open Ditch	50 ft.
24" RCP	182 ft.	6' SSD	5,672 ft.

The total length of the drain will be 9,034 feet.

The 50 feet of open ditch listed above is from Str. 200 to the end of the existing 73" x 55" CMPA under 156th Street, which is part of the Centennial Section 1 Arm of Williams Creek.

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
Depots Drive
West Rail Drive

Rear Yard SSDs:

Rear yard lots 104 and 105 from Str. 204 to Str. 205
Rear yard lots 106 to 109 from Str. 205 to Str. 206
Rear yard lots 110 and 111 from Str. 206 running north to riser
Rear yard lots 112 and 113 from Str. 209 running south to riser
Rear yard lots 114 to 117 from Str. 209 to Str. 210
Rear yard lots 118 to 120 from Str. 210 running north to riser
Rear yard lots 121 and 122 from Str. 217 running north to riser
Rear yard lots 124 and 125 from Str. 217 running east to riser
Rear yard lots 165 to 169 from Str. 223 running north to riser
Rear yard lot 164 from Str. 225 running north to riser
Rear yard lots 160 to 164 from Str. 234 to Str. 225
Rear yard lot 158 and 159 from Str. 233 to Str. 234

The retention pond (Pond #4) located in Common Areas F 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.

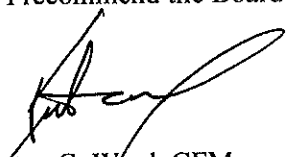
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$65.00 per platted lot, \$10.00 per 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 \$2,490.50.

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.

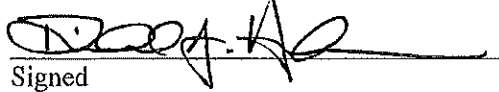
The Petitioner also agrees to the following:

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

Williams Creek Drain,
West Rail at the Station Section 1 Arm

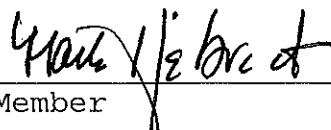
On this 24th day of October, 2016, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Williams Creek Drain, West Rail at the Station Section 1 Arm*.

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



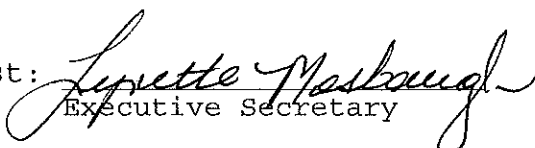
President



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>
Storm Sewer						
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

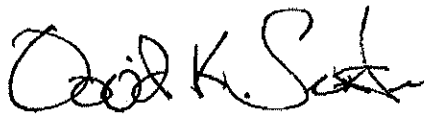
10505 N. College Ave | Indianapolis, IN 46280 | www.weihe.net | (317) 846-6611 | (800) 452-6408 | Fax: (317) 843-0546

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

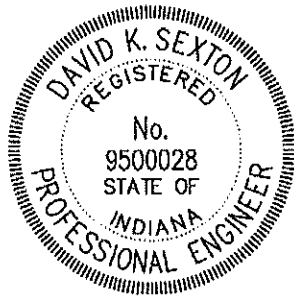
Rip Rap	200	EA	\$50.00	\$10,000	\$12,000	\$1,500
6" SSD Dual Wall Swales	5040	LF	\$9.50	\$47,880	\$57,456	\$7,182
6" SSD Dual Wall Streets	7501	LF	\$9.50	\$71,260	\$85,511	\$10,689
Risers	28	EA	\$325.00	\$9,100	\$10,920	\$1,365
Lot Leads	69	EA	\$135.00	\$9,315	\$11,178	\$1,397
Total:				\$597,113	\$716,535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

*Williams 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 **Williams 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

Williams Creek Drain,
West Rail at the Station Section 1 Arm

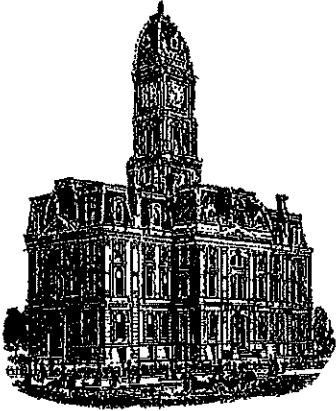
NOTICE

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: Williams 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 158-159) The changes are as follows: the 12" RCP was lengthened from 277 feet to 282 feet. The 15" RCP was lengthened from 1111 feet to 1105 feet. The 21" RCP was shortened from 575 feet to 572 feet. The 24" RCP was shortened from 182 feet to 181 feet. The 27" RCP was shortened from 206 feet to 204 feet. The 30" RCP was lengthened from 300 feet to 303 feet. The 33" RCP was shortened from 251 feet to 249 feet. The 6" SSD was lengthened from 5,672 feet to 5,690 feet. The length of the drain due to the changes described above is now **9,058 feet**.

The non-enforcement was approved by the Board at its meeting on October 24, 2016 and recorded under instrument # 2017037162. 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

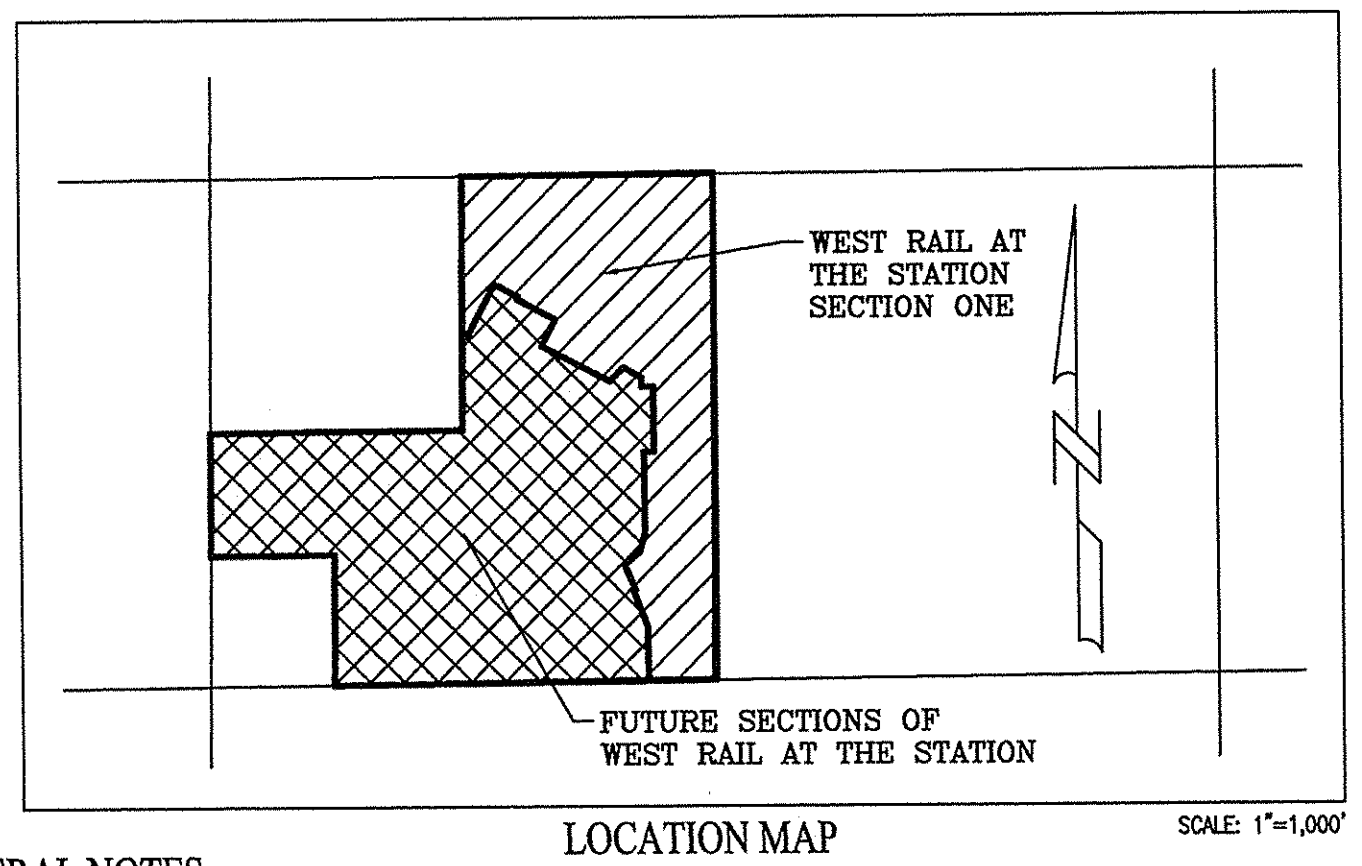
PLANS PREPARED BY:
Weihe Engineers, Inc.
10505 N. College Ave.
Indianapolis, Indiana 46280
Telephone: (317) 846-6611
Fax: (317) 843-0546
Contact Person: Dave Sexton, PE
Email: sextond@weihe.net



**Know what's below.
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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.

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



LOCATION MAP SCALE: 1"=1,000'

GENERAL NOTES

- 1) 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.
- 2) 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.
- 3) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY AND COORDINATE CONSTRUCTION WITH ALL RESPECTIVE UTILITIES.
- 4) ALL QUANTITIES GIVEN ON THESE PRINTS, OR IN THE SCOPE OF WORK SECTION ARE ESTIMATES AND SHALL BE CONFIRMED BY THE BIDDING CONTRACTORS.
- 5) 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.
- 6) EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRAFFIC SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
- 7) IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTOR TO MAINTAIN QUALITY CONTROL THROUGHOUT THIS PROJECT.
- 8) TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL STANDARDS.
- 9) THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
- 10) ANY FIELD TILES ENCOUNTERED DURING EXCAVATION SHALL BE REPAIRED AND CONNECTED TO NEW STORM SEWERS AND POSITIVE DRAINAGE PRESERVED.
- 12) 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.
- 13) BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE RECORD SURVEYS & PLAT FOR EXACT INFORMATION.
- 14) 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.
- 15) 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.
- 16) 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.

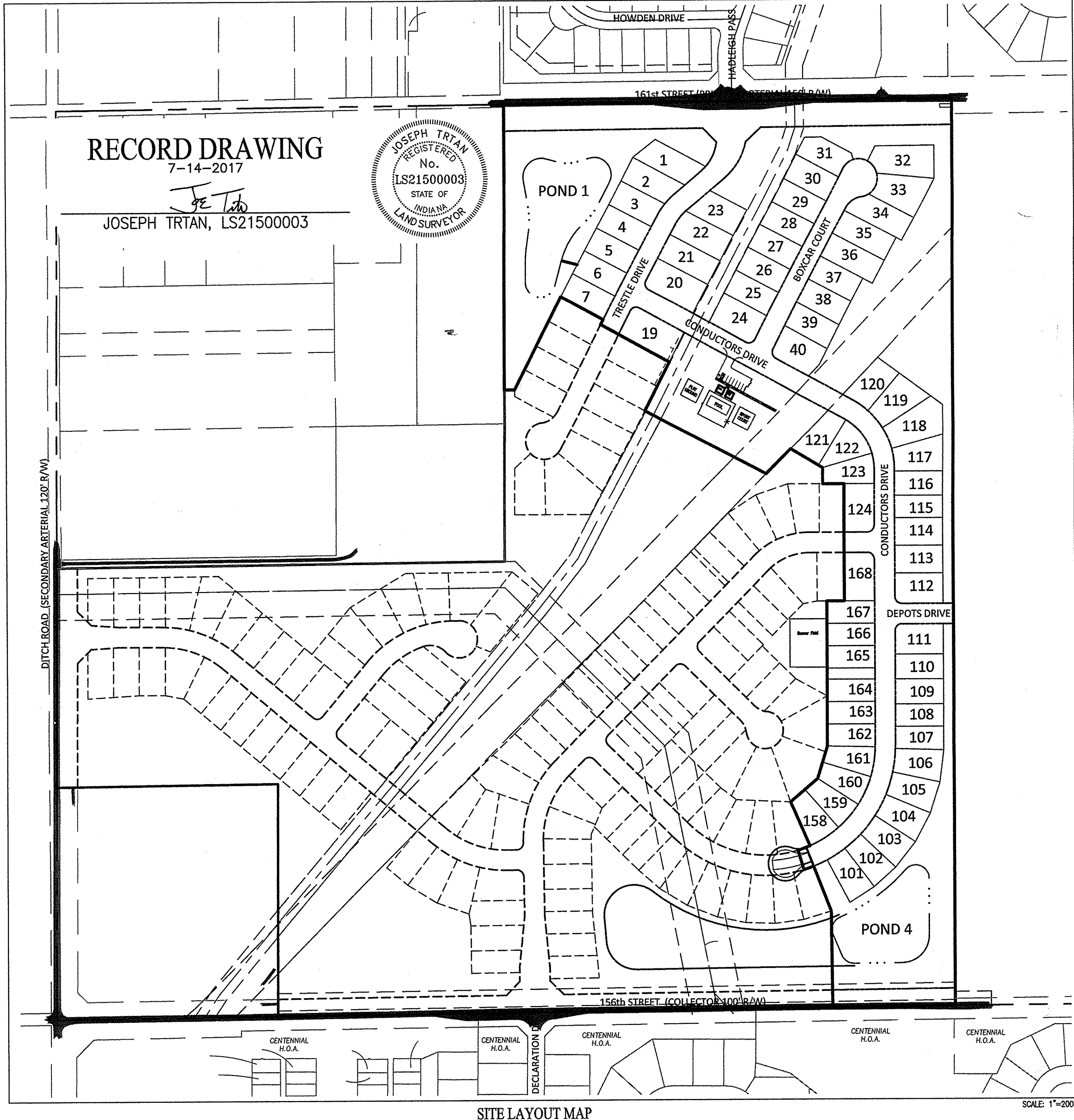
BENCHMARK INFORMATION

- 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 E161905.25 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. = 914.34 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, 5.6 FEET EAST OF CENTERLINE OF DITCH ROAD AND 676 FEET NORTH OF CENTERLINE OF 156TH STREET. ELEV. = 918.12 NAVD 88

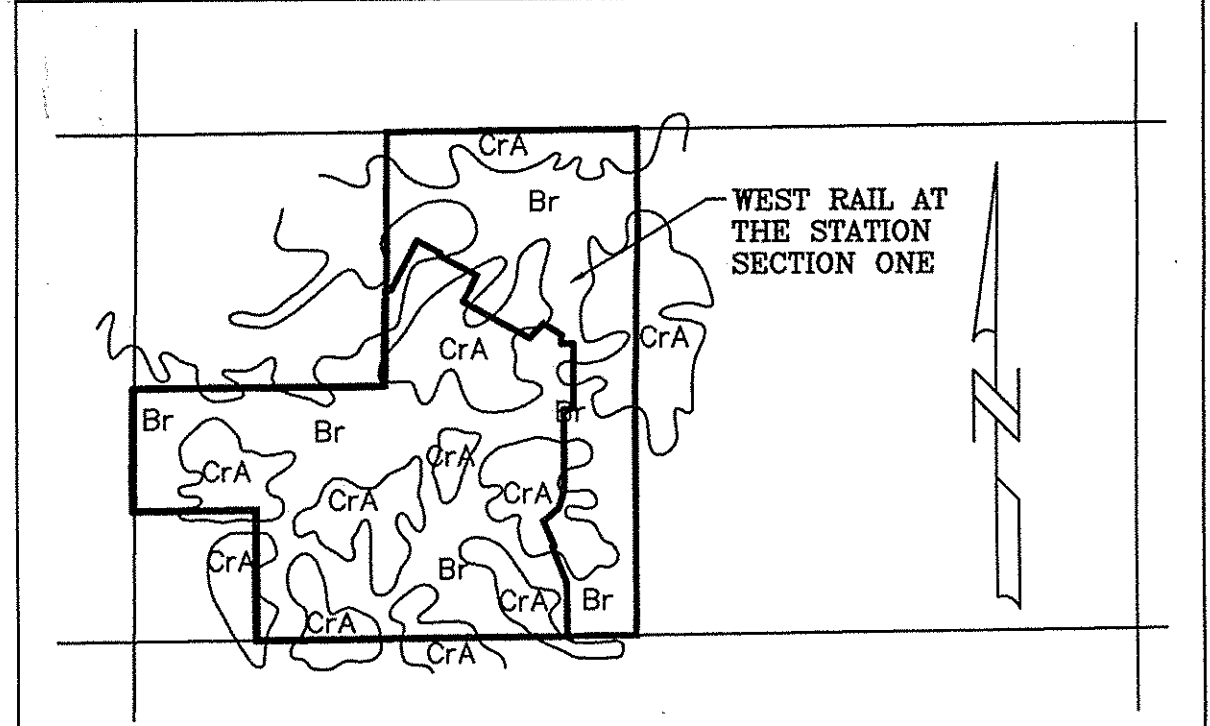
THE PRESENCE OF A CITY OF WESTFIELD REVIEW AND ACCEPTANCE STAMP ON PLANS DOES NOT RELIEVE THE CONTRACTOR OR DEVELOPER FROM COMPLIANCE OF THE "CITY OF WESTFIELD CONSTRUCTION STANDARDS, LATEST EDITION". THIS REVIEW ONLY DESIGNATES THAT THE GENERAL CONFORMANCE WITH THE DESIGN AND SPECIFICATIONS HAVE BEEN 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 | | |



SHEET INDEX	
SHEET NO.	DESCRIPTION
C001	COVER SHEET
E100-E102	EXISTING CONDITIONS
E200-E202	PRE-STORMWATER POLLUTION PREVENTION PLAN
E203-E205	POST-STORMWATER POLLUTION PREVENTION PLAN
E206-E207	STORMWATER POLLUTION PREVENTION DETAILS & SPECS
C300-C302	DEVELOPMENT PLAN
E303	AMENITIES PLAN
E304-E305	SITE DIMENSION PLAN
C306-C307	TRAFFIC CONTROL & SSD PLAN
E400-E403	STREET PLAN & PROFILE
E404-E405	ENTRANCE, INTERSECTION AND CUL-DE-SAC DETAILS
E406-E408	STREET DETAILS AND SPECIFICATIONS
C500-C502	SANITARY SEWER FORCEMAIN PLAN & PROFILE
C503-C504	SANITARY SEWER PLAN & PROFILE
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C700-C701	WATER MAIN PLAN
E702-E703	WATER MAIN DETAILS
E800	GENERAL SPECIFICATIONS
E801	BUCKEYE PIPELINE RIGHT-OF-WAY RESTRICTIONS & DETAILS
1-2	LANDSCAPE PLANS
3-4	LANDSCAPE DETAILS & SPECIFICATIONS

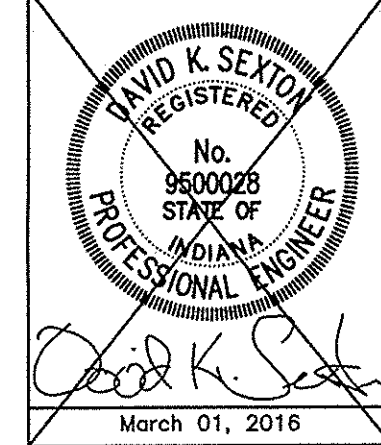


SOILS MAP SOILS TYPE LEGEND

- BROOKSTON SILTY CLAY LOAM-**
Br
CrA
- BROOKSTON SILTY CLAY LOAM**
BROOKSTON SILTY CLAY LOAM, 0 TO 2% SLOPES
- 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 PONDED 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.

WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

PROJECT NO.: W150389-1
DATE: 01-2016
BY: [Signature]
DATE: 01-2016



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

COVER SHEET
Part of Station 10, Township 18 North, Range 3 East, Washington Township, Hamilton County, Indiana.

SHEET NO.
C001

PROJECT NO.
W150389-1

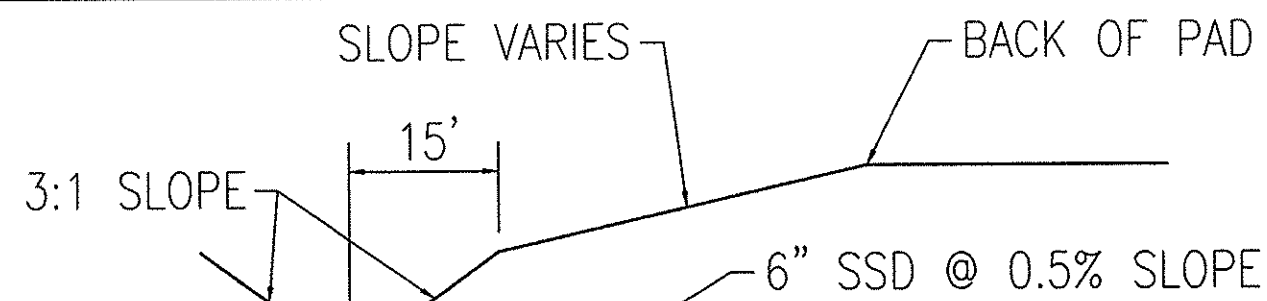
RECORD DRAWING

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

JOSEPH TRTAN, LS21500003



- AS-BUILT INFORMATION
- BUILT AS DESIGNED



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

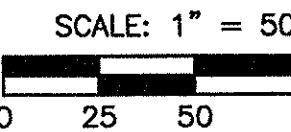
MARATHON PIPELINE COMPANY, LLC
10722 EAST COMPANY ROAD 300 NORTH
INDIANAPOLIS, IN 46234
ATTN: AUSTIN GUYER
317-291-9460

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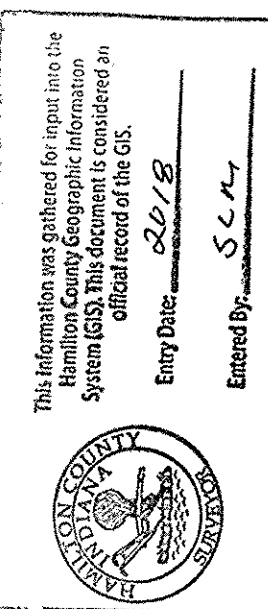
PER INDIANA STATE LAW IC 8-1-26,
IT IS AGAINST THE LAW TO EXCAVATE,
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.

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:	AS-BUILTS
DESIGNED BY:	DT
DRAWN BY:	DT
CHECKED BY:	DT
DATE:	04-01-2016

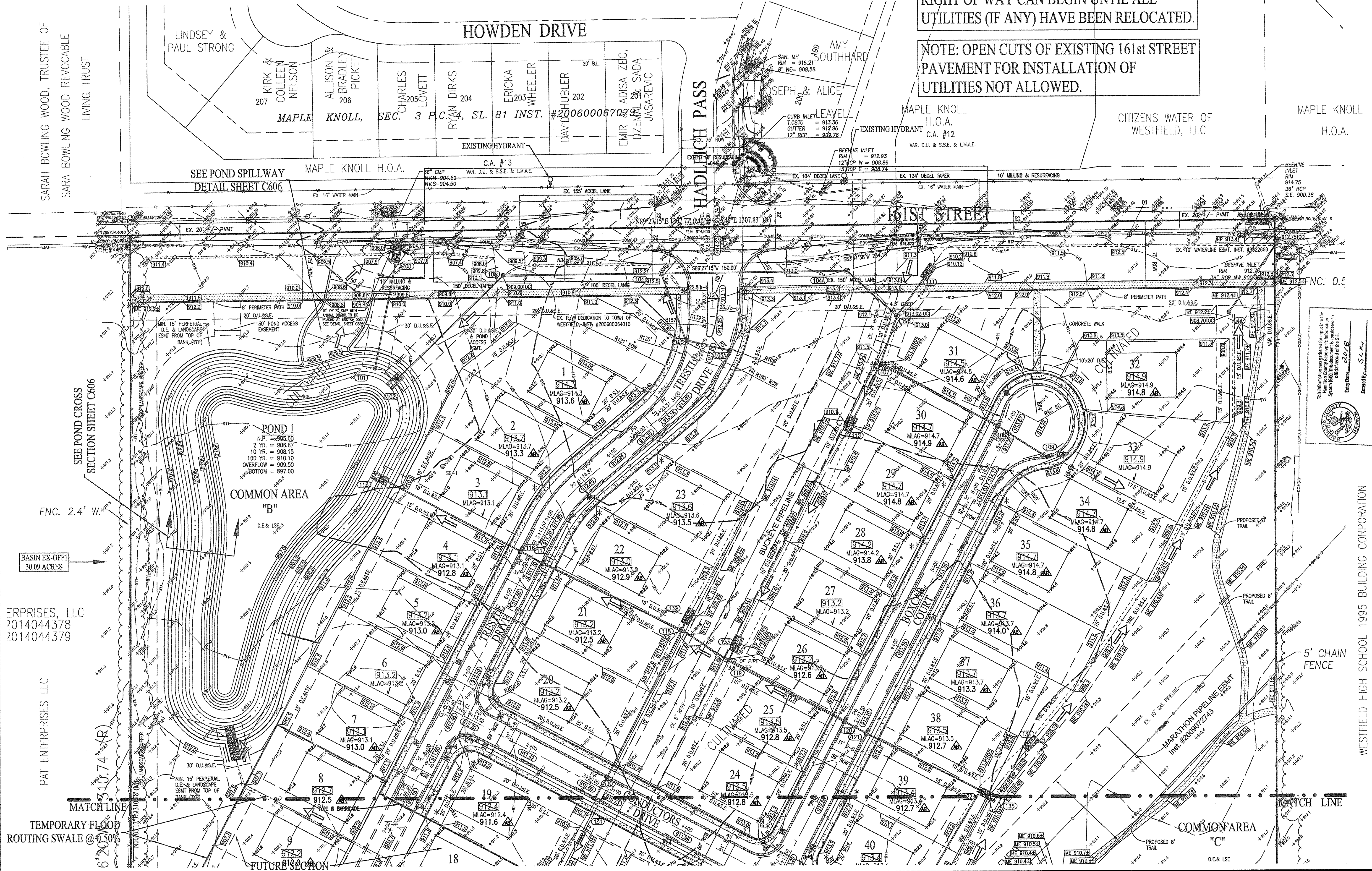
REVISIONS AND ISSUES



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



ERPRISES, LLC
2014044378
2014044379

PAT ENTERPRISES LLC
5.10.74 (4R)

TEMPORARY FLOOD
ROUTING SWALE @ 0.50%

Location: \\hcs\project\station\150389\erpr\as-builts\plan\c300.dwg
Date/Time: July 13, 2017 - 10:33am
Plot Size: 11.00 x 17.00
Plot ID: 01



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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.

SCALE: 1" = 50'



10905 N. College Avenue Indianapolis, Indiana 46280 website.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 DATE: 04-01-2016

BY: DATE: REVISIONS AND ISSUES:

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

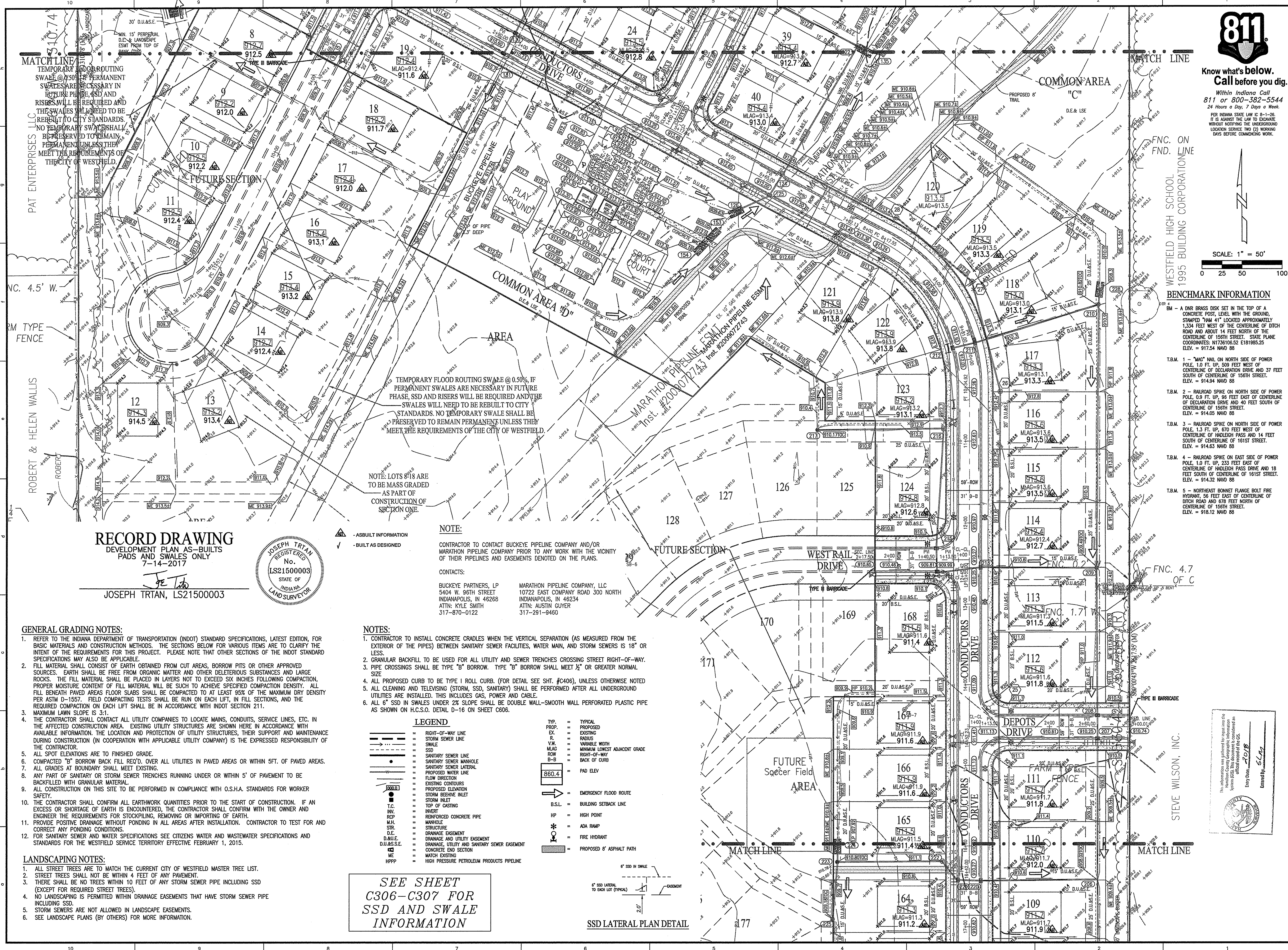
T.B.M. 2 - RAILROAD SPIKE ON NORTH SIDE OF POWER POLE, 0.9 FT. UP, 96 FEET EAST OF CENTERLINE OF DECLARATION DRIVE AND 40 FEET SOUTH OF CENTERLINE OF 156TH STREET. ELEV. = 914.05 NAVD 88

T.B.M. 3 - RAILROAD SPIKE ON NORTH SIDE OF POWER POLE, 1.3 FT. UP, 670 FEET WEST OF CENTERLINE OF DECLARATION DRIVE 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 876 FEET NORTH OF CENTERLINE OF 156TH STREET. ELEV. = 918.12 NAVD 88

PREPARED FOR: WEST RAIL AT THE STATION, SECTION ONE Beazer Homes Indiana, LLP DEVELOPMENT PLAN SHEET NO. C301 PROJECT NO. W150389-1



RECORD DRAWING DEVELOPMENT PLAN AS-BUILTS PADS AND SWALES ONLY 7-14-2017 JOSEPH TRTAN, LS21500003



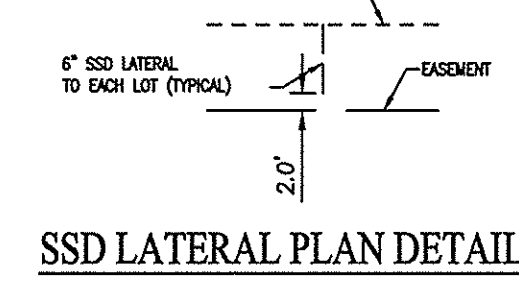
NOTE: LOTS 8-18 ARE TO BE MASS GRADED AS PART OF CONSTRUCTION OF SECTION ONE. CONTACTS: BUCKEYE PARTNERS, LP 5404 W. 96TH STREET INDIANAPOLIS, IN 46268 ATTN: KYLE SMITH 317-870-0122 MARATHON PIPELINE COMPANY, LLC 10722 EAST COMPANY ROAD 300 NORTH INDIANAPOLIS, IN 46234 ATTN: AUSTIN GUYER 317-291-9460

- GENERAL GRADING NOTES: 1. REFER TO THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) STANDARD SPECIFICATIONS, LATEST EDITION, FOR BASIC MATERIALS AND CONSTRUCTION METHODS. 2. FILL MATERIAL SHALL CONSIST OF EARTH OBTAINED FROM CUT AREAS, BORROW PITS OR OTHER APPROVED SOURCES. 3. MAXIMUM LAWN SLOPE IS 3:1. 4. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE MAINS, CONDUITS, SERVICE LINES, ETC. IN THE AFFECTED CONSTRUCTION AREA.

- 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. 2. GRANULAR BACKFILL TO BE USED FOR ALL UTILITY AND SEWER TRENCHES CROSSING STREET RIGHT-OF-WAY.

LEGEND table with symbols for Right-of-Way Line, Storm Sewer Line, Sanitary Sewer Line, SSD, Sanitary Sewer Manhole, Sanitary Sewer Lateral, Proposed Water Line, Flow Direction, Existing Contours, Proposed Elevation, Storm Inlet, Storm Invert, Reinforced Concrete Pipe, Manhole, Structure, Drainage Easement, Drainage and Utility Easement, Concrete End Section, Match Existing, High Pressure Petroleum Products Pipeline, Typical Proposed, Existing Radius, Variable Width, Minimum Lowest Adjacent Grade, Right-of-Way, Back of Curb, Pad Elev, Emergency Flood Route, Building Setback Line, High Point, ADA Ramp, Fire Hydrant, Proposed 8' Asphalt Path.

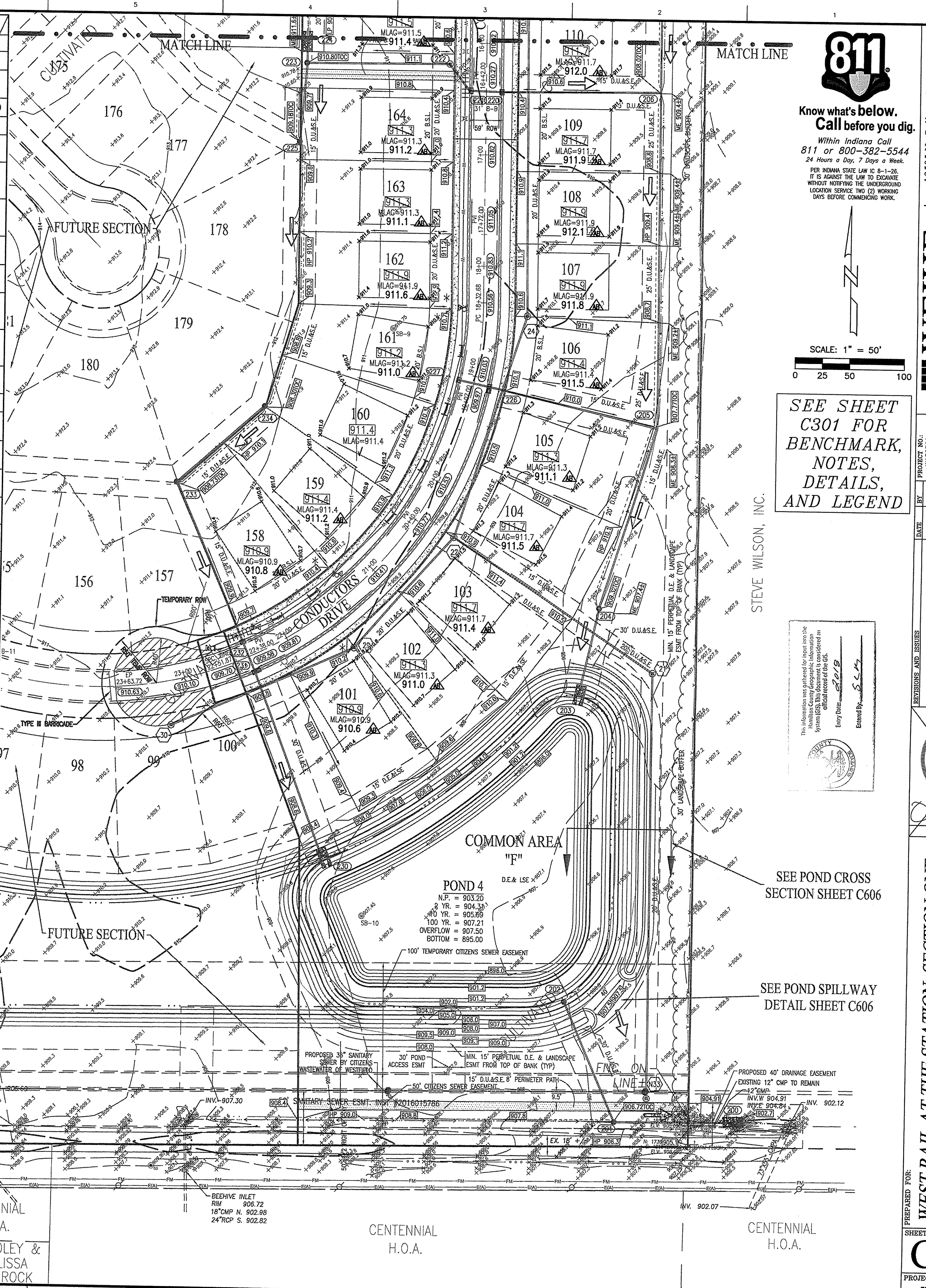
SEE SHEET C306-C307 FOR SSD AND SWALE INFORMATION



Vertical text on the left edge of the drawing.

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 = 909.91(NE) INV OUT = 909.91(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	911.32	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 = 904.56(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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DAYS BEFORE COMMENCING WORK.

SCALE: 1" = 50'
0 25 50 100

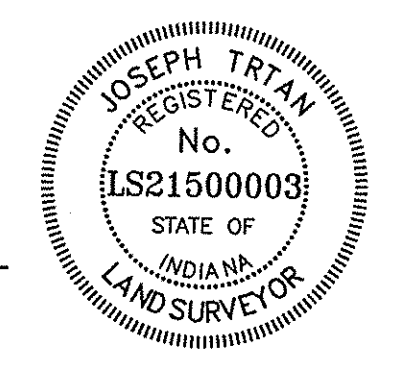
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DETAILS,
AND LEGEND

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Entered By: [Signature]

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Indianapolis, Indiana 46280
weihe.net
317.846.6611
800.432.6408
317.843.0546 fax
ALLAN H. WEIHE, P.E., L.S. - FOUNDER

PROJECT NO. W150389-1
DATE: 04-01-2016
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DATE: 04-01-2016
DAVID K. SEXTON
REGISTERED PROFESSIONAL ENGINEER
No. 9500025
STATE OF INDIANA
March 01, 2016

RECORD DRAWING
DEVELOPMENT PLAN AS-BUILTS
PADS AND SWALES ONLY
7-14-2017
JOSEPH TRTAN, LS21500003



AS-BUILT INFORMATION
BUILT AS DESIGNED

SEE POND CROSS
SECTION SHEET C606
SEE POND SPILLWAY
DETAIL SHEET C606

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, Indiana
SHEET NO. **C302**
PROJECT NO. **W150389-1**



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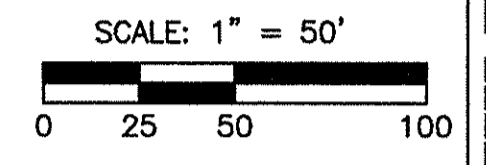
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wehne.net
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800 | 452 - 6408
317 | 843 - 0546 fax
ALLAN H. WEHNE, P.E., L.S. - FOUNDER

WEHNE
ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

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



SEE SHEET C307
FOR LEGEND AND
DETAIL

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



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 prepared for the use of the Hamilton County Geographic Information System (GIS). This document is considered an official record of the City of Westfield.
Entered By: SLW
Date: 04/01/2016

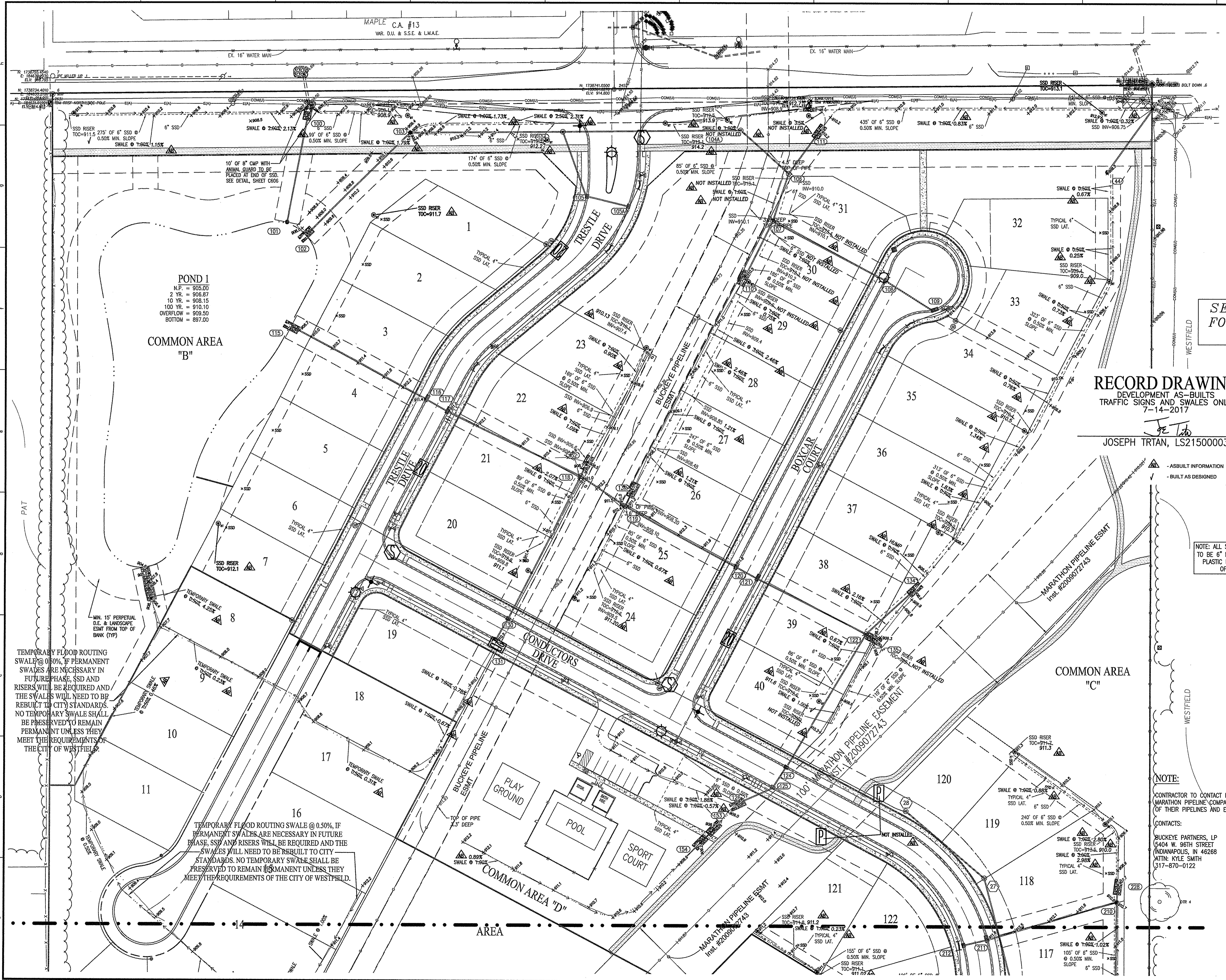
NOTE:
CONTRACTOR TO CONTACT BUCKEYE PIPELINE COMPANY AND/OR MARATHON PIPELINE COMPANY PRIOR TO ANY WORK WITH THE VICINITY OF THEIR PIPELINES AND EASEMENTS DENOTED ON THE PLANS.
CONTACTS:
BUCKEYE PARTNERS, LP
5404 W. 96TH STREET
INDIANAPOLIS, IN 46234
ATTN: KYLE SMITH
317-870-0122
MARATHON PIPELINE COMPANY, LLC
10722 EAST COMPANY ROAD 300 NORTH
INDIANAPOLIS, IN 46234
ATTN: AUSTIN GUYER
317-291-9460



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"

COMMON AREA
"C"

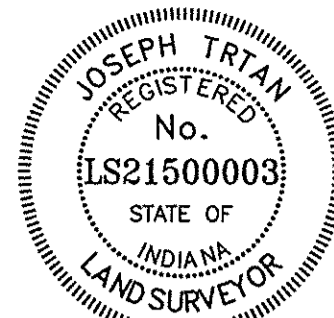
COMMON AREA
"D"

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.

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

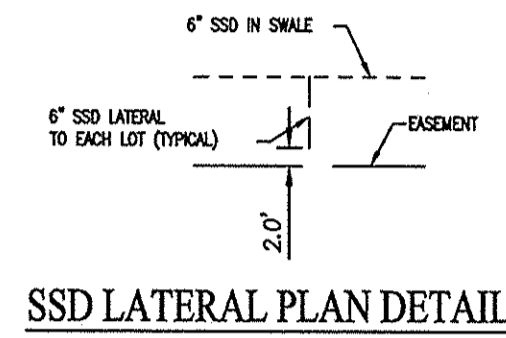
JOSEPH TRTAN, LS2150003



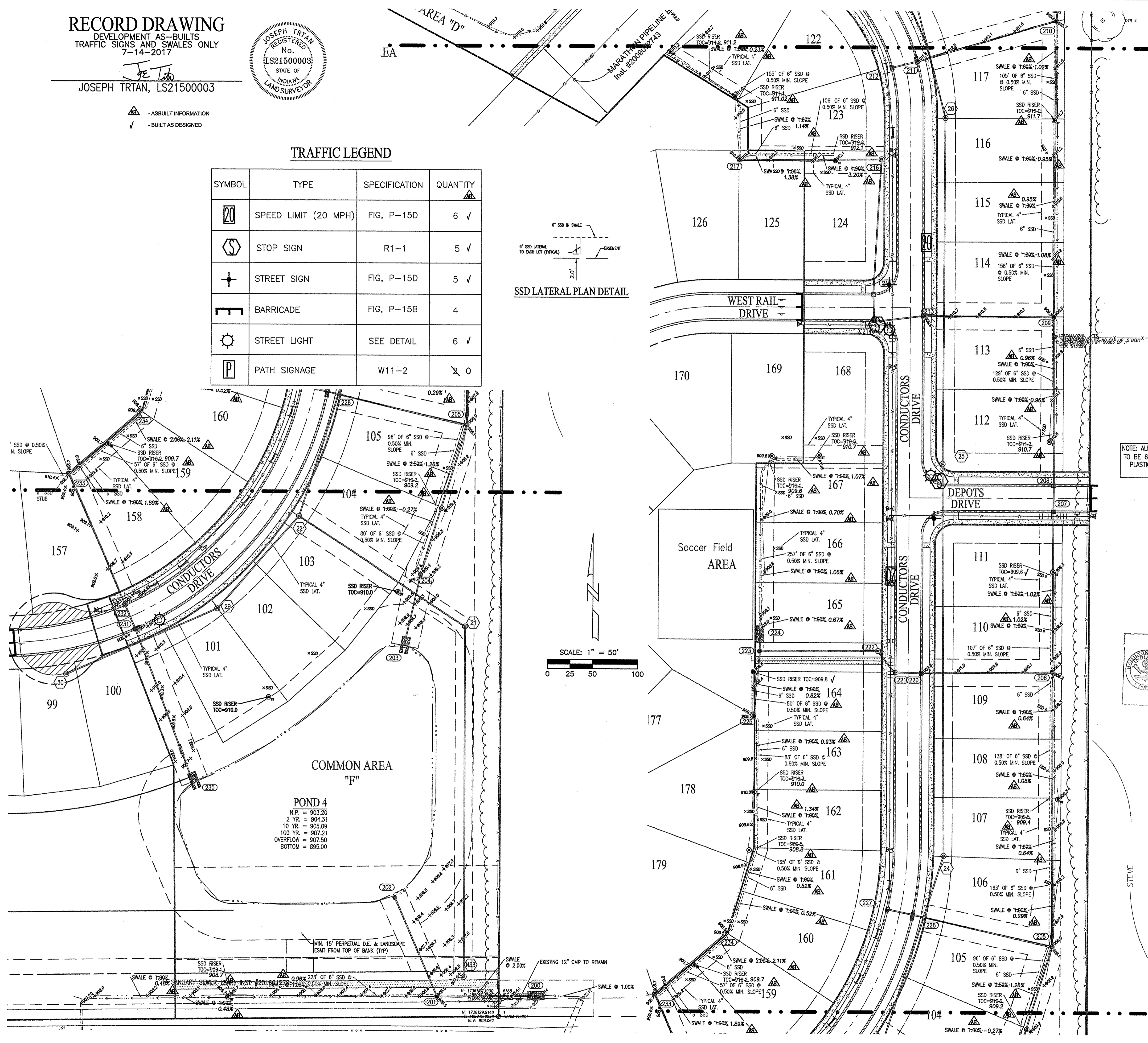
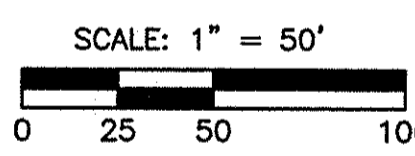
- AS-BUILT INFORMATION
- BUILT AS DESIGNED

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



SSD LATERAL PLAN DETAIL



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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.

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Entry Date: 2018
Entered By: SLM

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10505 N. College Avenue
Indianapolis, Indiana 46280
weilhe.net
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.:	000000
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



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NOTE:
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weihc.net
317 | 846 - 6611
800 | 432 - 6408
317 | 843 - 0346 fax
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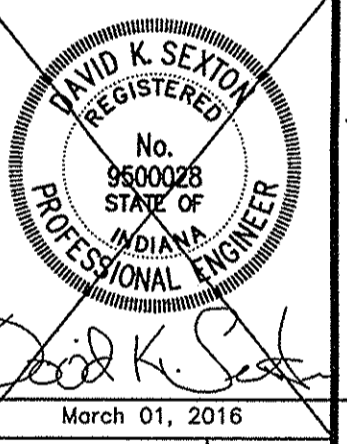
WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

- 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
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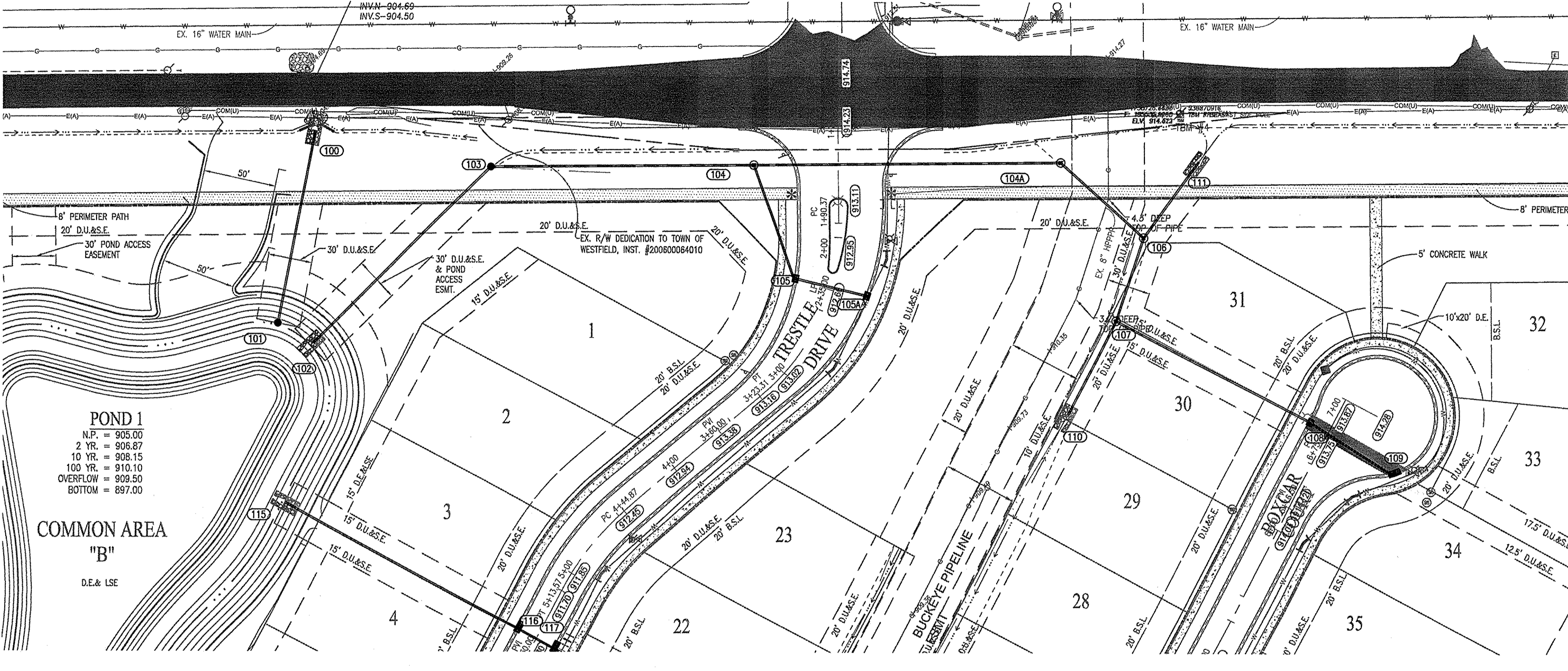
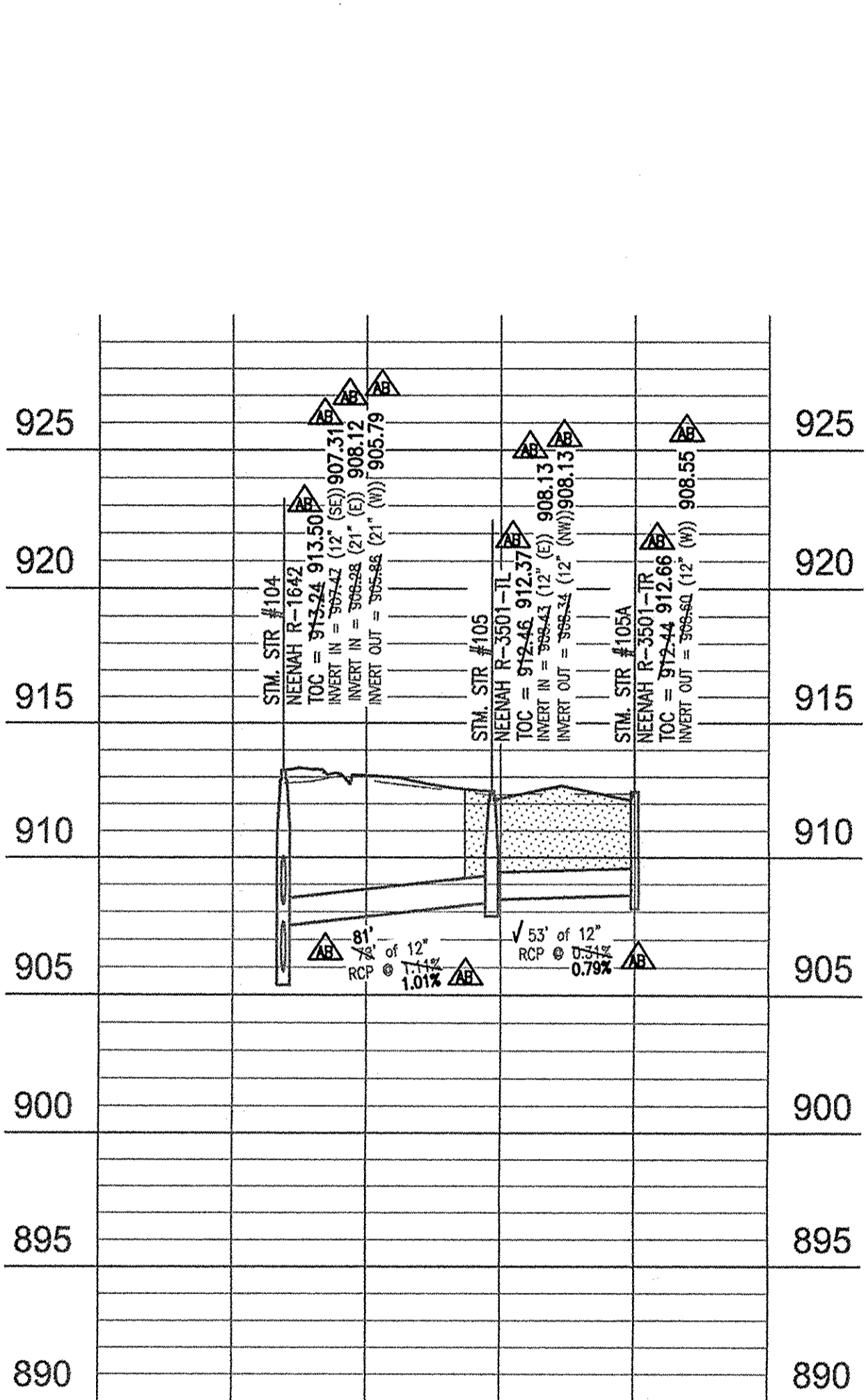
- T.B.M. 1** - "MAG" NAIL ON NORTH SIDE OF POWER POLE, 1.0 FT. UP, 559 FEET WEST OF CENTERLINE OF DECLARATION DRIVE AND 37 FEET SOUTH OF CENTERLINE OF 156TH STREET. ELEV. = 914.94 NAVD 88
- T.B.M. 2** - RAILROAD SPIKE ON NORTH SIDE OF POWER POLE, 0.9 FT. UP, 96 FEET EAST OF CENTERLINE OF DECLARATION 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 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

PROJECT NO.	W150389-1
DATE	04-01-2016
BY	JWG
DATE	
REVISIONS AND ISSUES	

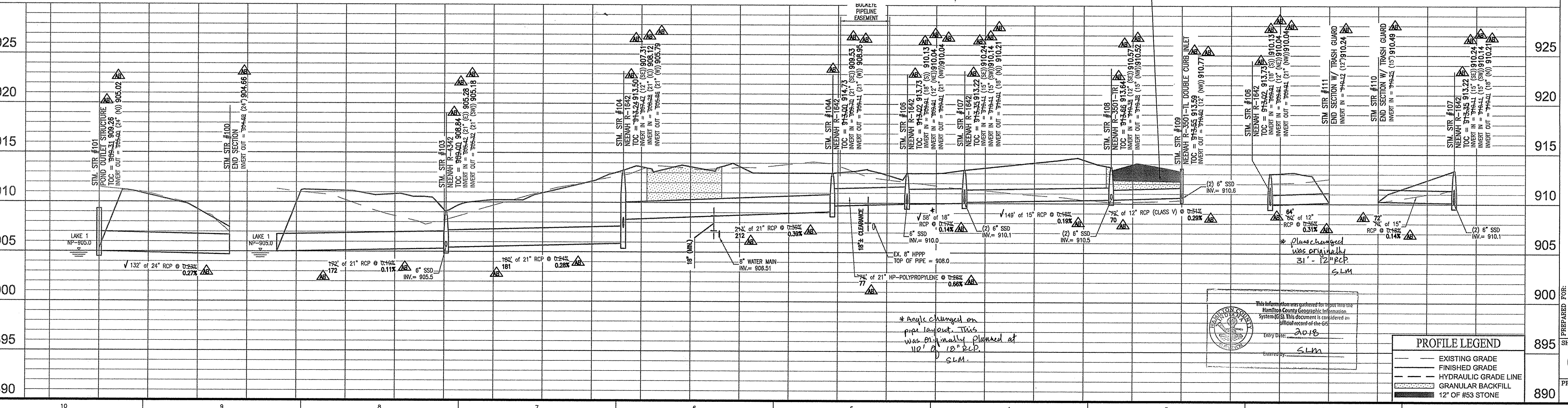
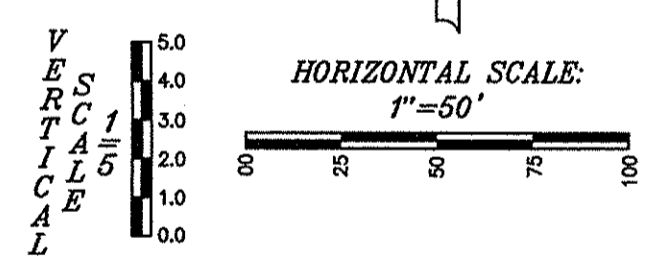


PREPARED FOR:
WEST RAIL AT THE STATION, SECTION ONE
Beazer Homes Indiana, LLLP
STORM SEWER PLAN & PROFILES
Sheet No. **C600**
PROJECT NO. **W150389-1**

- ▲ - ASBUILT INFORMATION
- ✓ - BUILT AS DESIGNED



NOTES:
PAVEMENT SUBGRADE BETWEEN STRUCTURES #108 & #109 TO BE TYPE 1B (12" 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: N:\010\W150389\Station 1\Engineering\Utility\substation\800 Storm Plan.dwg
LAWYER: C600
DATE: 04/01/2017 11:13am
PLOT FILE: 800 Storm Plan.dwg

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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MARATHON PIPELINE COMPANY, LLC
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INDIANAPOLIS, IN 46234
ATTN: AUSTIN GUYER
317-291-9460



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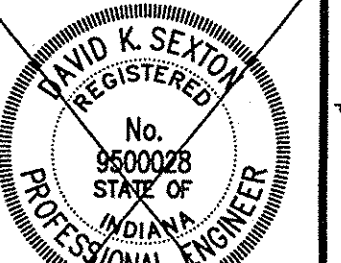
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800 | 452 - 6408
317 | 843 - 0546 fax

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
ISSUED BY: JTR
DRAWN BY: JTR
CHECKED BY: JTR
DATE: 04-01-2016

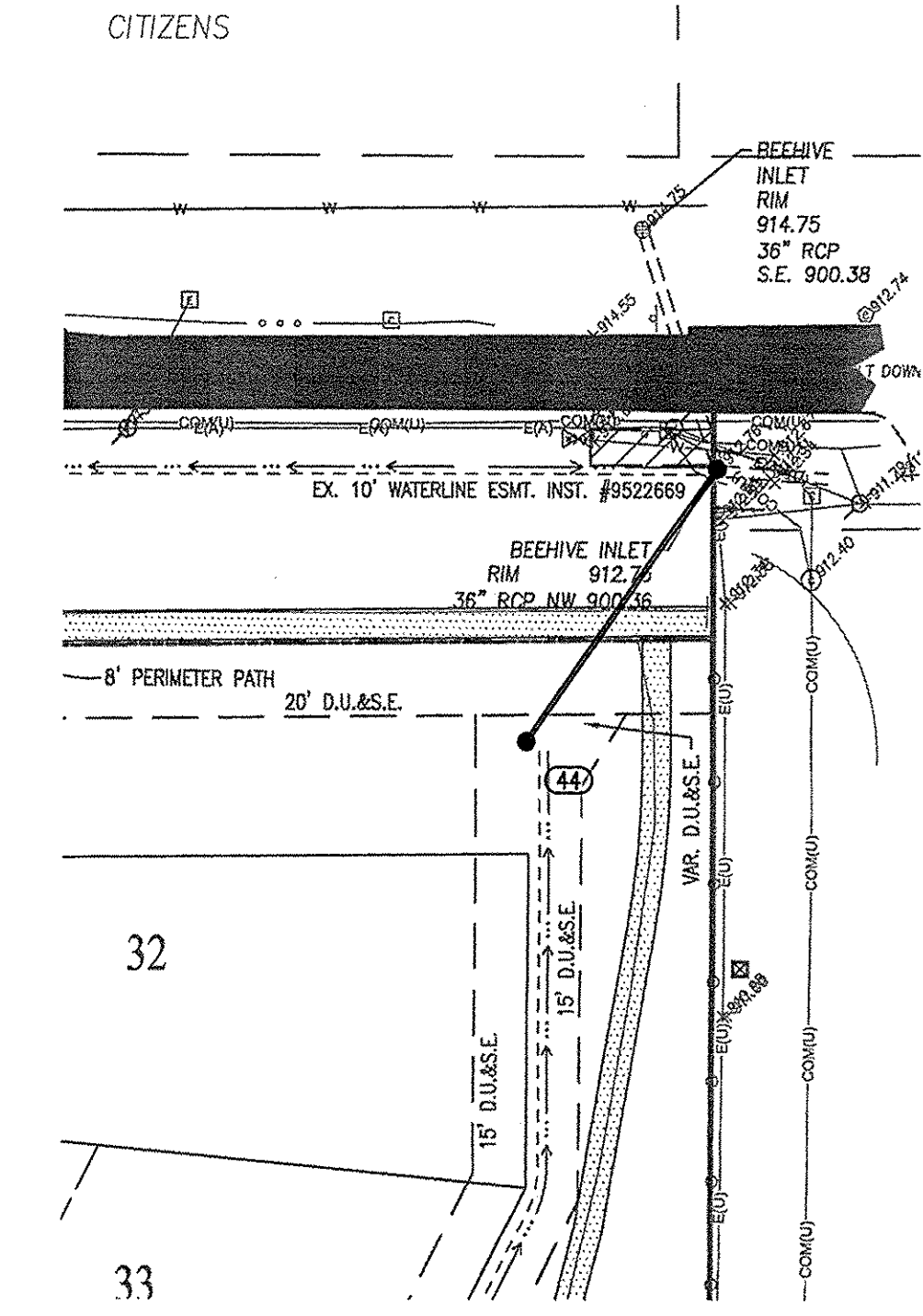
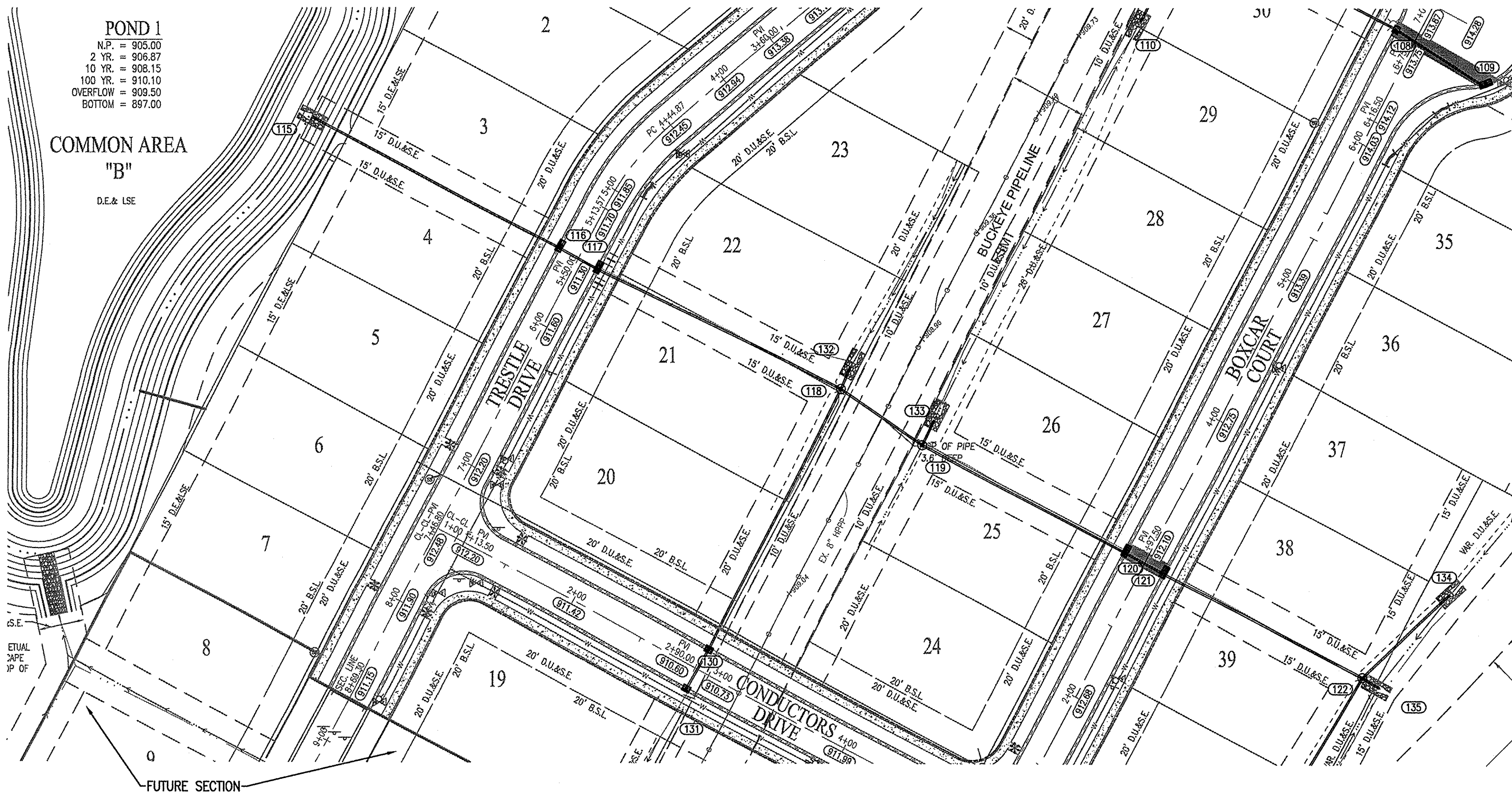
REVISIONS AND ISSUES



March 01, 2016

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

SHEET NO. **C601**
PROJECT NO. W150389-1

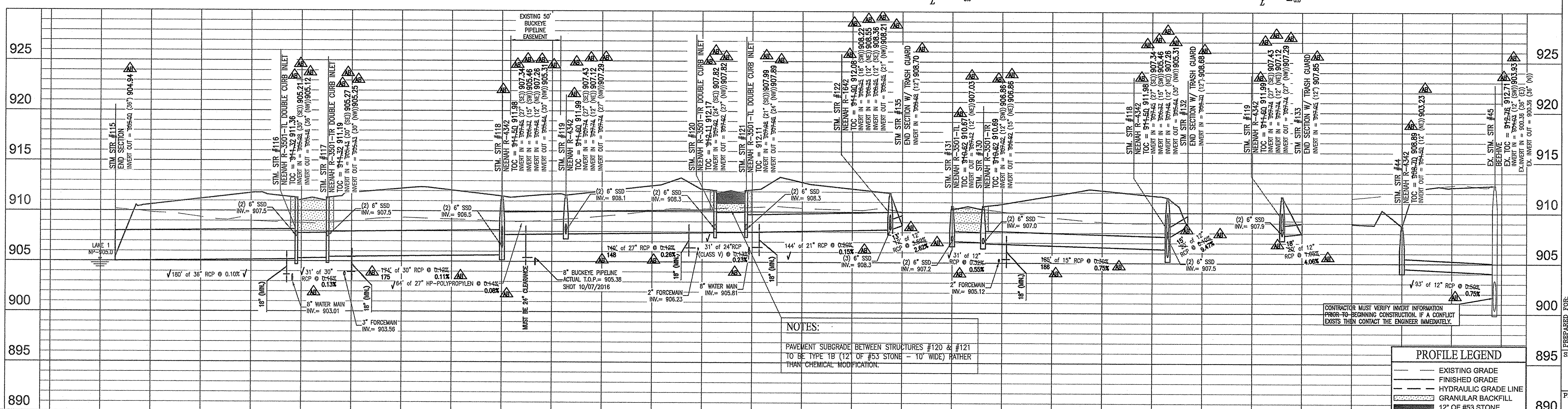
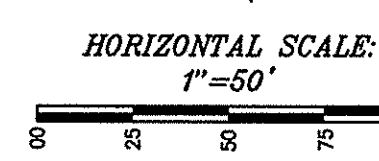
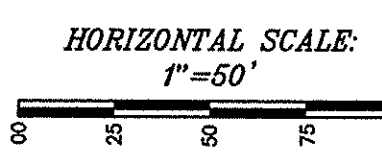
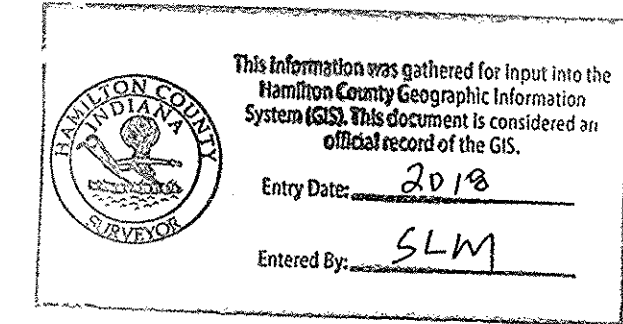


NOTES:

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 - 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 678 FEET NORTH OF CENTERLINE OF 156TH STREET. ELEV. = 918.12 NAVD 88



NOTES:

PAVEMENT SUBGRADE BETWEEN STRUCTURES #120 & #121 TO BE TYPE 1B (12" OF #53 STONE - 10" WIDE) RATHER THAN CHEMICAL MODIFICATION.

PROFILE LEGEND

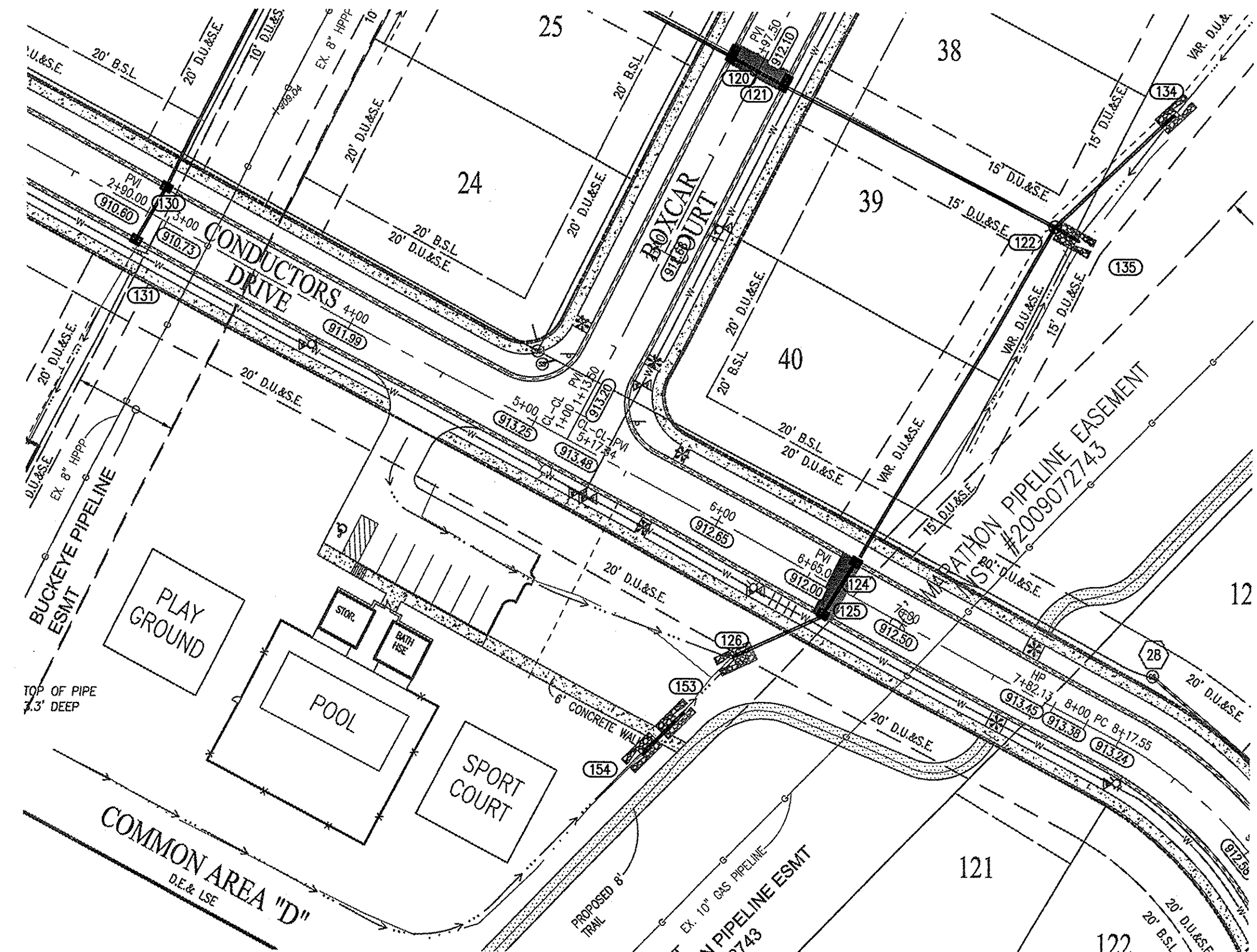
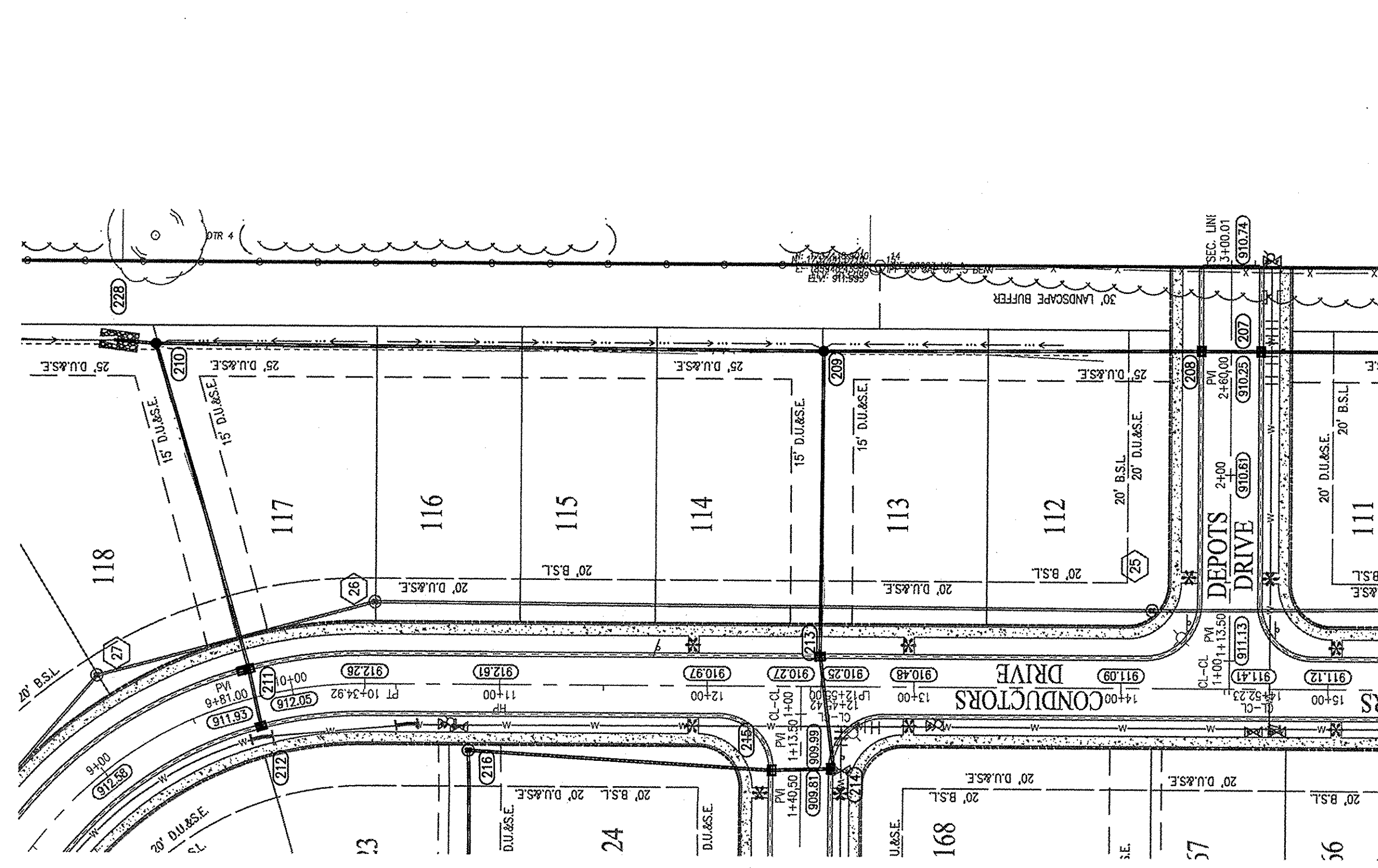
- EXISTING GRADE
- FINISHED GRADE
- HYDRAULIC GRADE LINE
- GRANULAR BACKFILL
- 12" OF #53 STONE

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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INDIANAPOLIS, IN 46234
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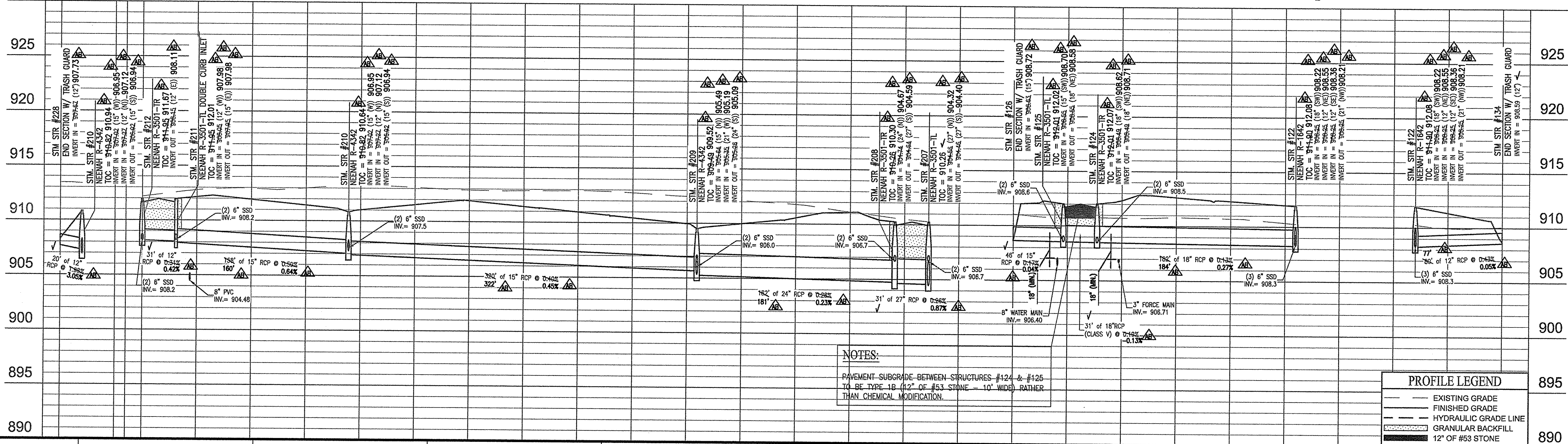
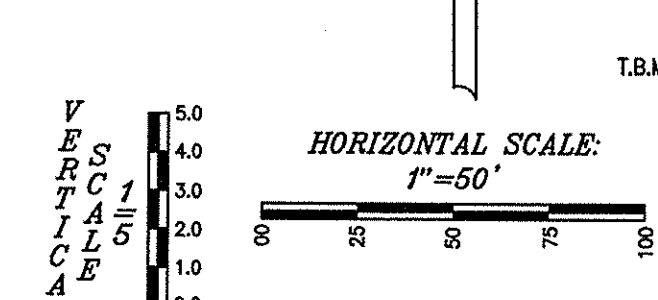
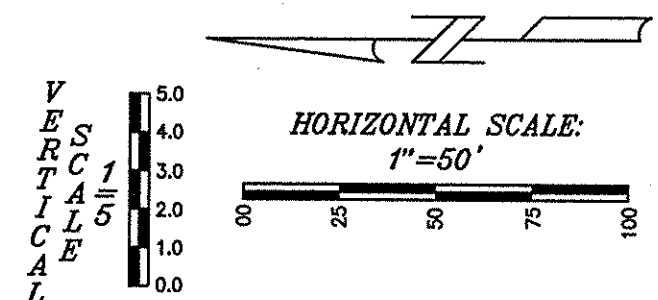
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- T.B.M. 1 - "M40" NAIL ON NORTH SIDE OF POWER POLE, 1.0 FT. UP, 509 FEET WEST OF CENTERLINE OF DECLARATION DRIVE AND 37 FEET SOUTH OF CENTERLINE OF 156TH STREET. ELEV. = 914.94 NAVD 88
- T.B.M. 2 - RAILROAD SPIKE ON NORTH SIDE OF POWER POLE, 0.9 FT. UP, 509 FEET WEST OF CENTERLINE OF DECLARATION DRIVE AND 40 FEET SOUTH OF CENTERLINE OF 156TH STREET. ELEV. = 914.05 NAVD 88
- 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
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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



- 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

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

DATE: March 01, 2016

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

JOSEPH TRTAN, LS21500003



- AS-BUILT INFORMATION
- BUILT AS DESIGNED

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

BENCHMARK INFORMATION

BM - A DNR BRASS DISK SET IN THE TOP OF A CONCRETE POST, LEVEL WITH THE GROUND, STAMPED "HAM 41" LOCATED APPROXIMATELY 1.34 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 - "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
- T.B.M. 2 - RAILROAD SPIKE ON NORTH SIDE OF POWER POLE, 0.5 FT. UP, 36 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 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 678 FEET NORTH OF CENTERLINE OF 156TH STREET. ELEV. = 918.12 NAVD 88

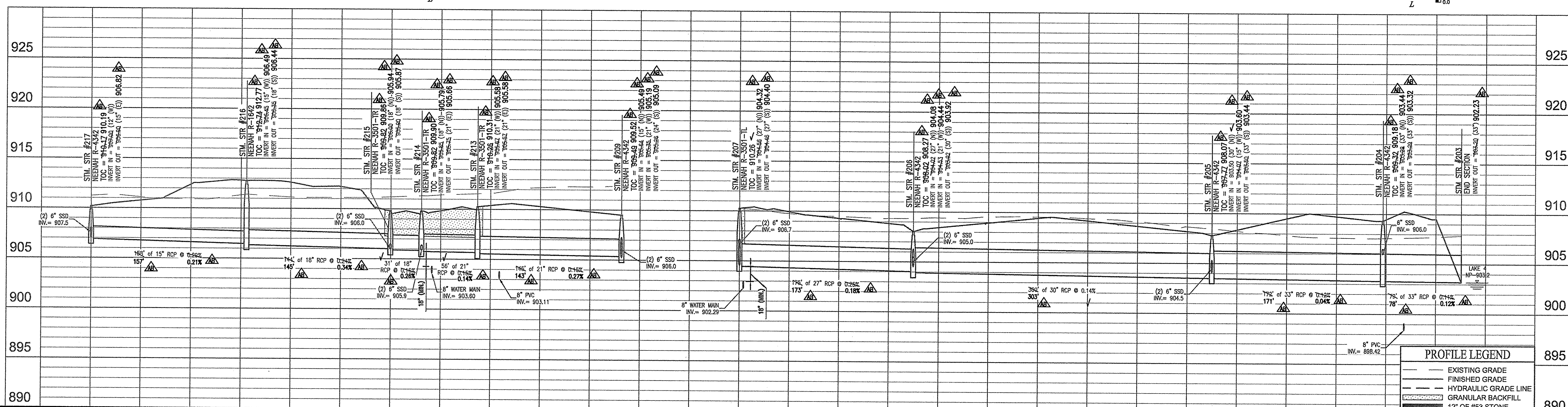
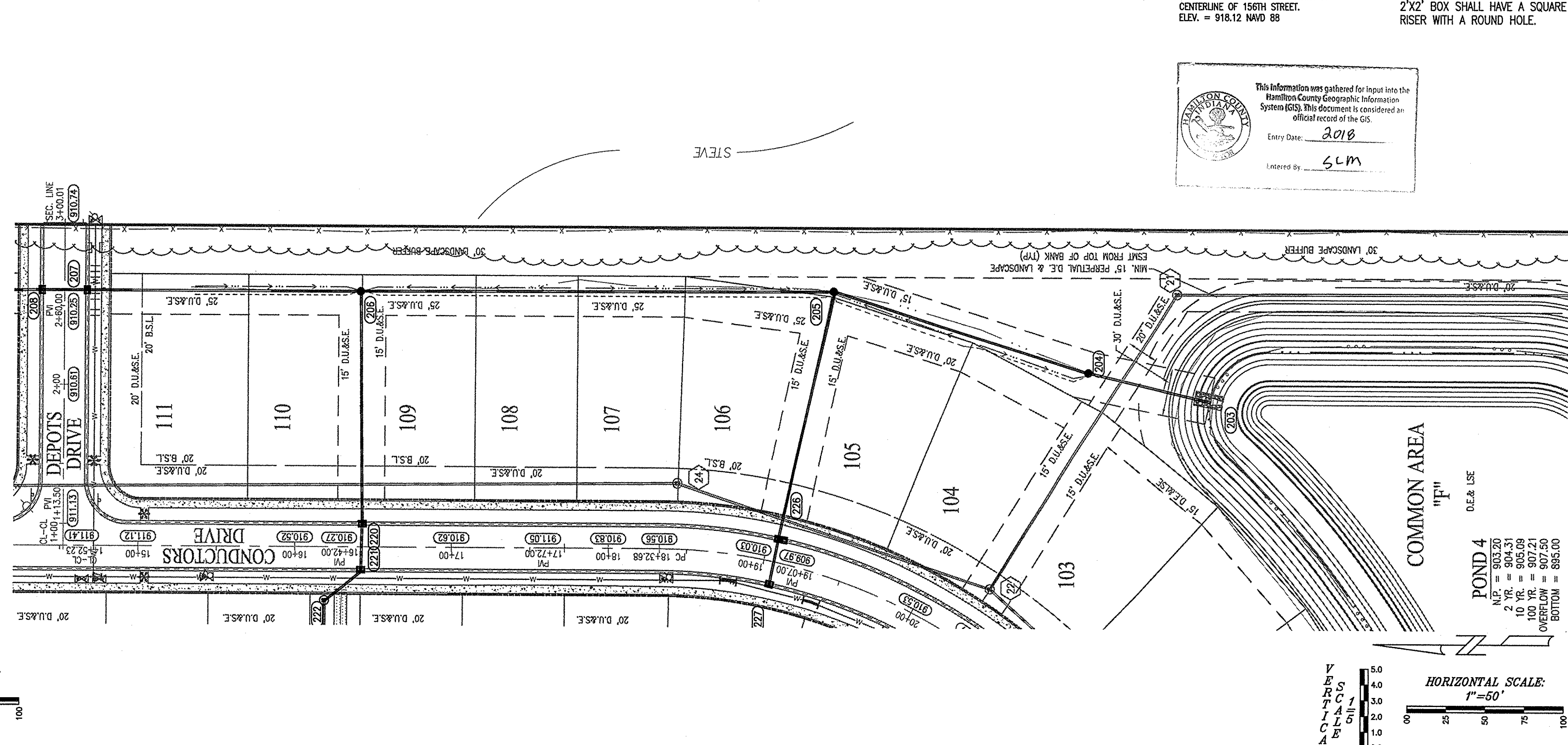
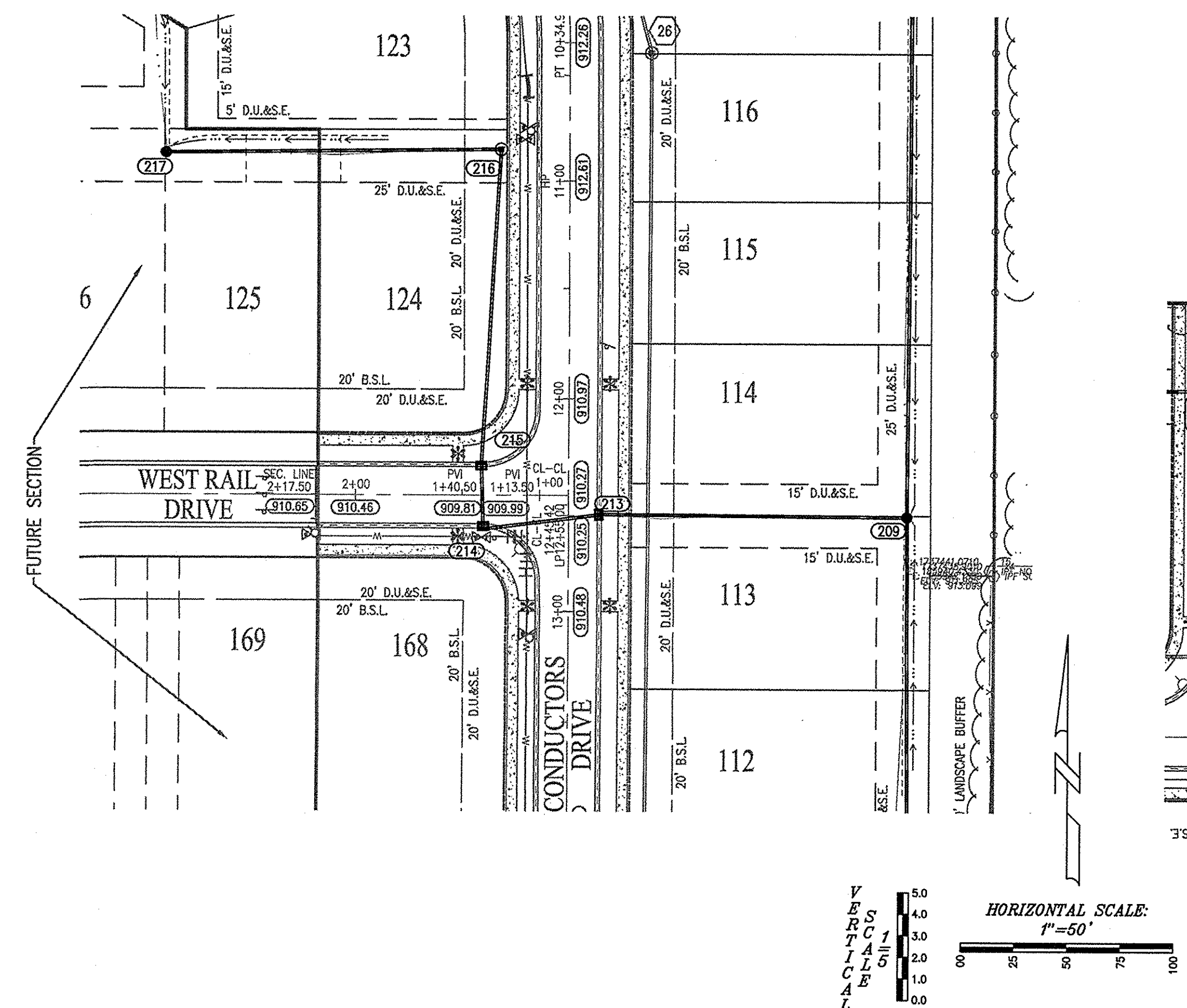
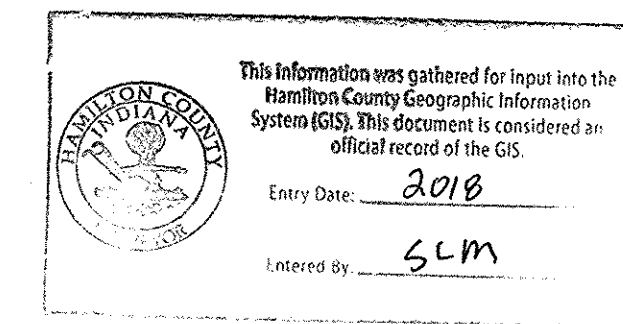


Within Indiana Call
811 or 800-382-5544
24 Hours a Day, 7 Days a Week

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.

NOTES:

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

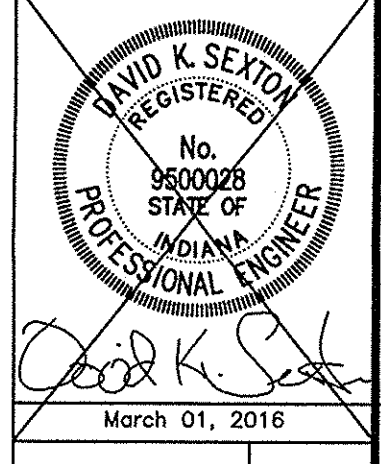


10505 N. College Avenue
Indianapolis, Indiana 46280
weibe.net
317 | 846 - 6611
800 | 452 - 6408
317 | 843 - 0546/jax
ALLAN H. WEIHE, P.E., L.S. - FOUNDER

WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

PROJECT NO.:	W150389-1
DWG NAME:	AS-BUILTS
DESIGNED BY:	JTR
DRAWN BY:	JTR
CHECKED BY:	JTR
DATE:	04-01-2018

REVISIONS AND ISSUES



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

STORM SEWER PLAN & PROFILES

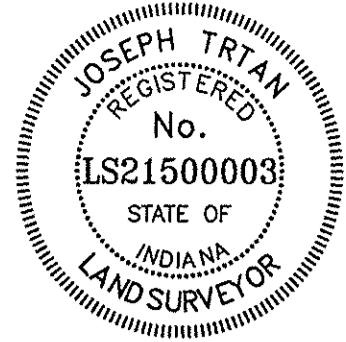
SHEET NO. **C603**

PROJECT NO. **W150389-1**

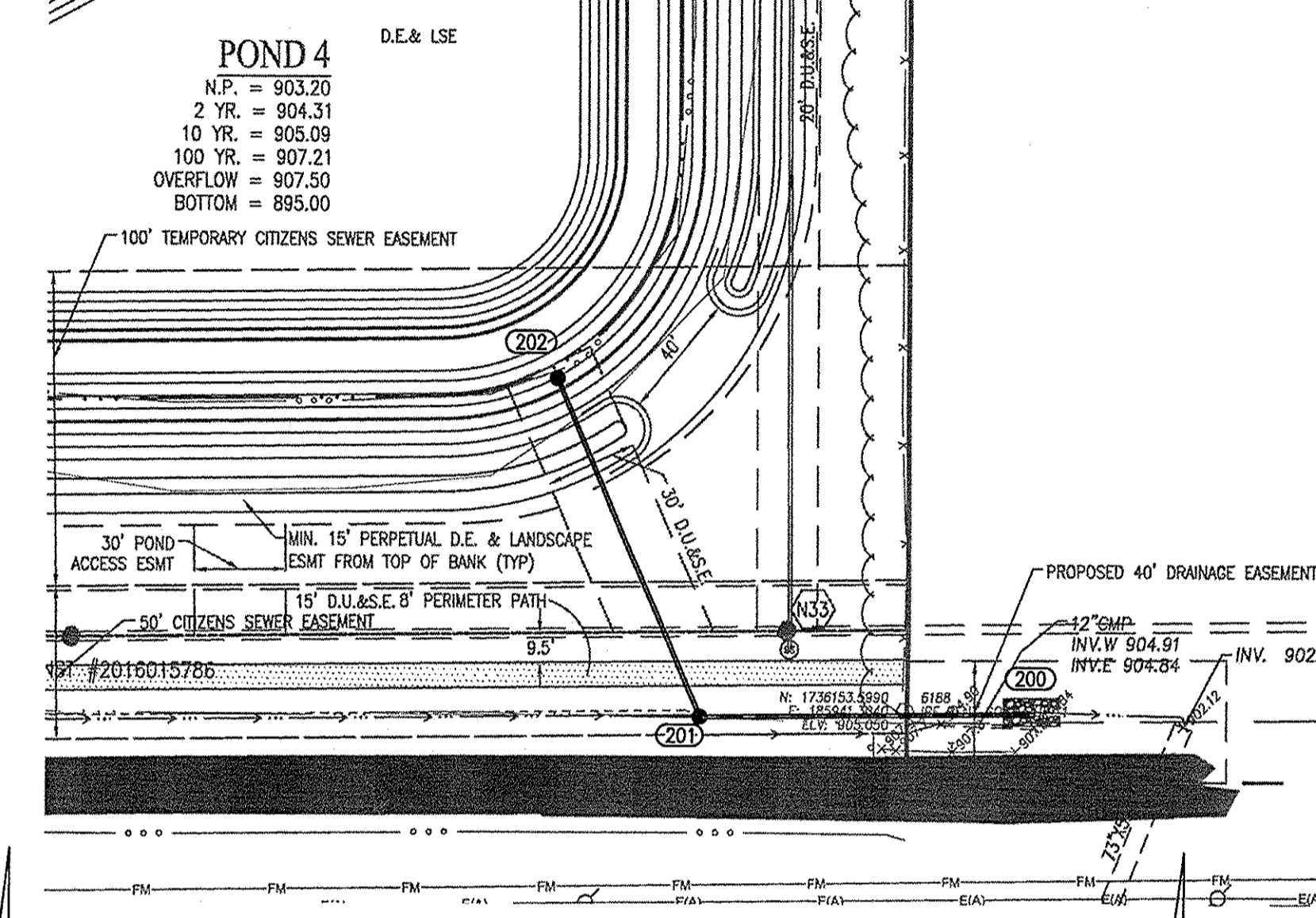
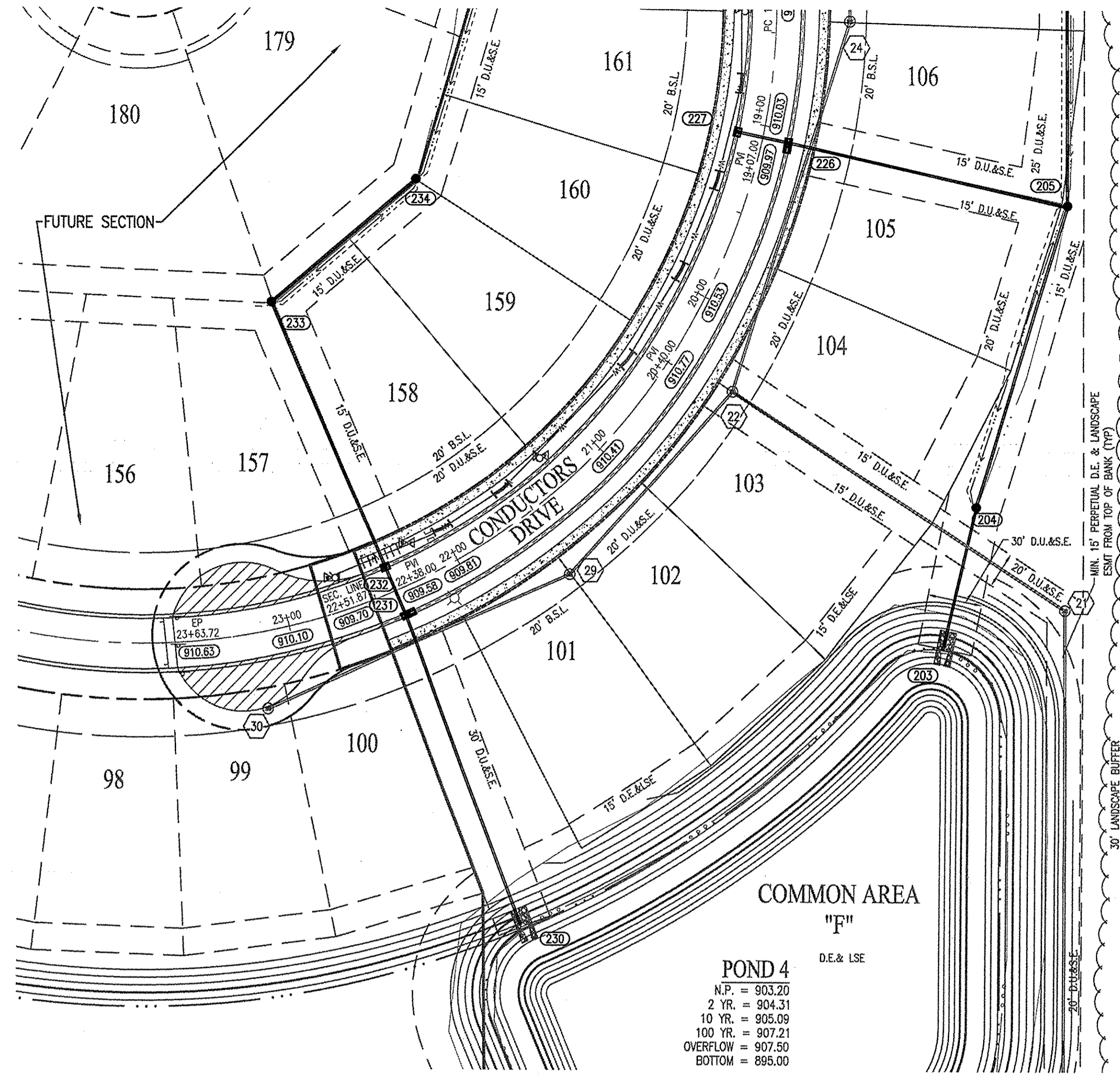
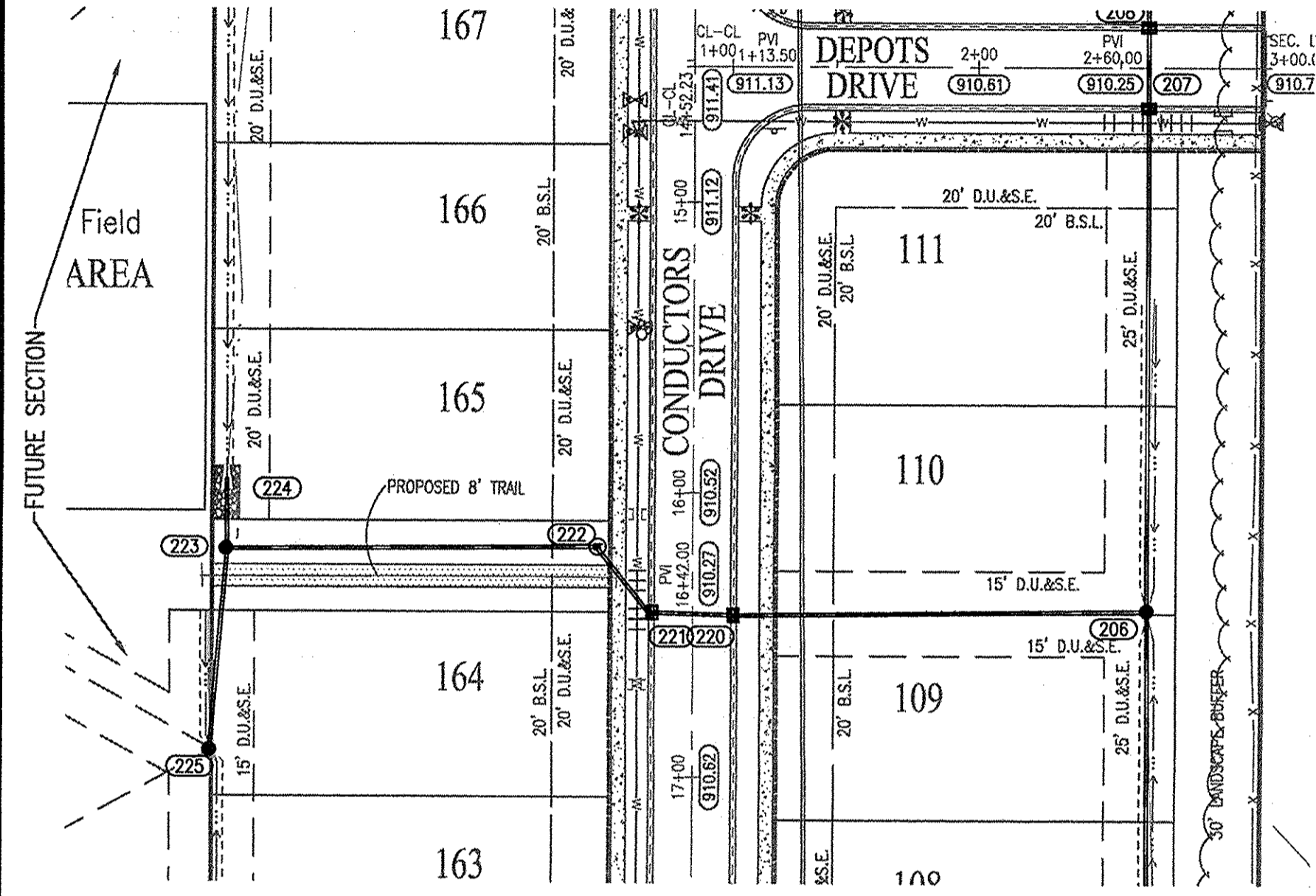
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LAYOUT: C603 Date: July 14, 2017 2:00pm
PLOT: 11/14/17 10:44am

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

JOSEPH TRTAN, LS21500003



- ▲ - ASBUILT INFORMATION
- ✓ - BUILT AS DESIGNED



BENCHMARK INFORMATION

- BM - A DNR BRASS DISK SET IN THE TOP OF A CONCRETE POST, LEVEL WITH THE GROUND, STAMPED "HAM 41" LOCATED APPROXIMATELY 1,334 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 - "140" NAL 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 161ST STREET. ELEV. = 914.63 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
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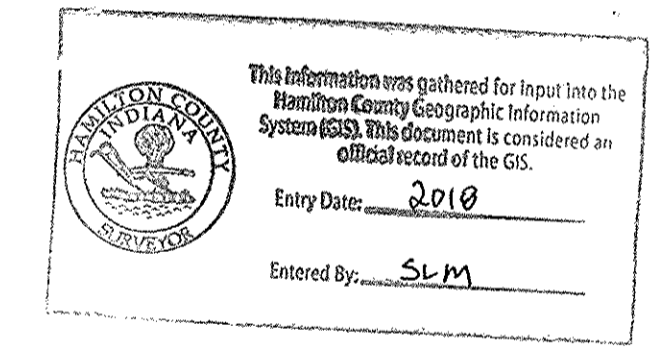
811
Know what's below.
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PER INDIANA STATE LAW IC 8-1-26,
IT IS AGAINST THE LAW TO EXCAVATE
WITHOUT NOTIFYING THE UNDERGROUND
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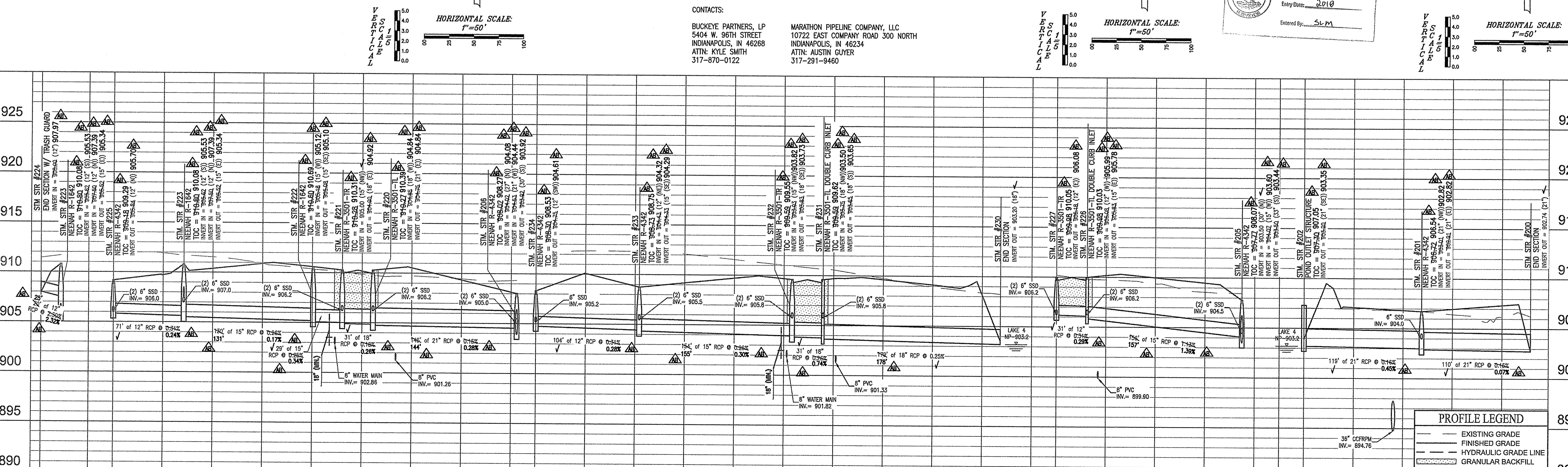
NOTE:
CONTRACTOR TO CONTACT BUCKEYE PIPELINE COMPANY AND/OR MARATHON PIPELINE COMPANY PRIOR TO ANY WORK WITH THE VICINITY OF THEIR PIPELINES AND EASEMENTS DENOTED ON THE PLANS.

CONTACTS:
BUCKEYE PARTNERS, LP
5404 W. 96TH STREET
INDIANAPOLIS, IN 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



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



PROFILE LEGEND

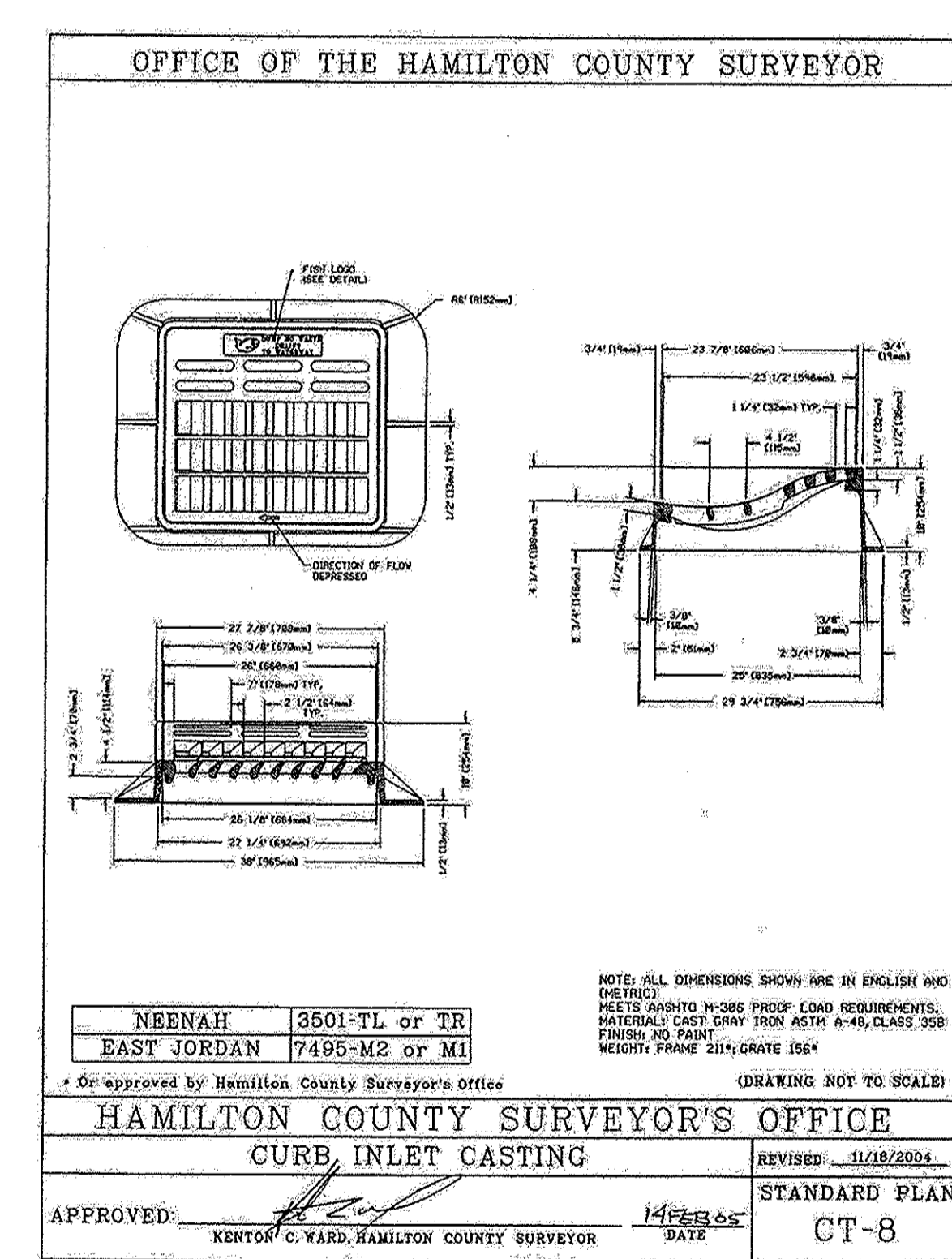
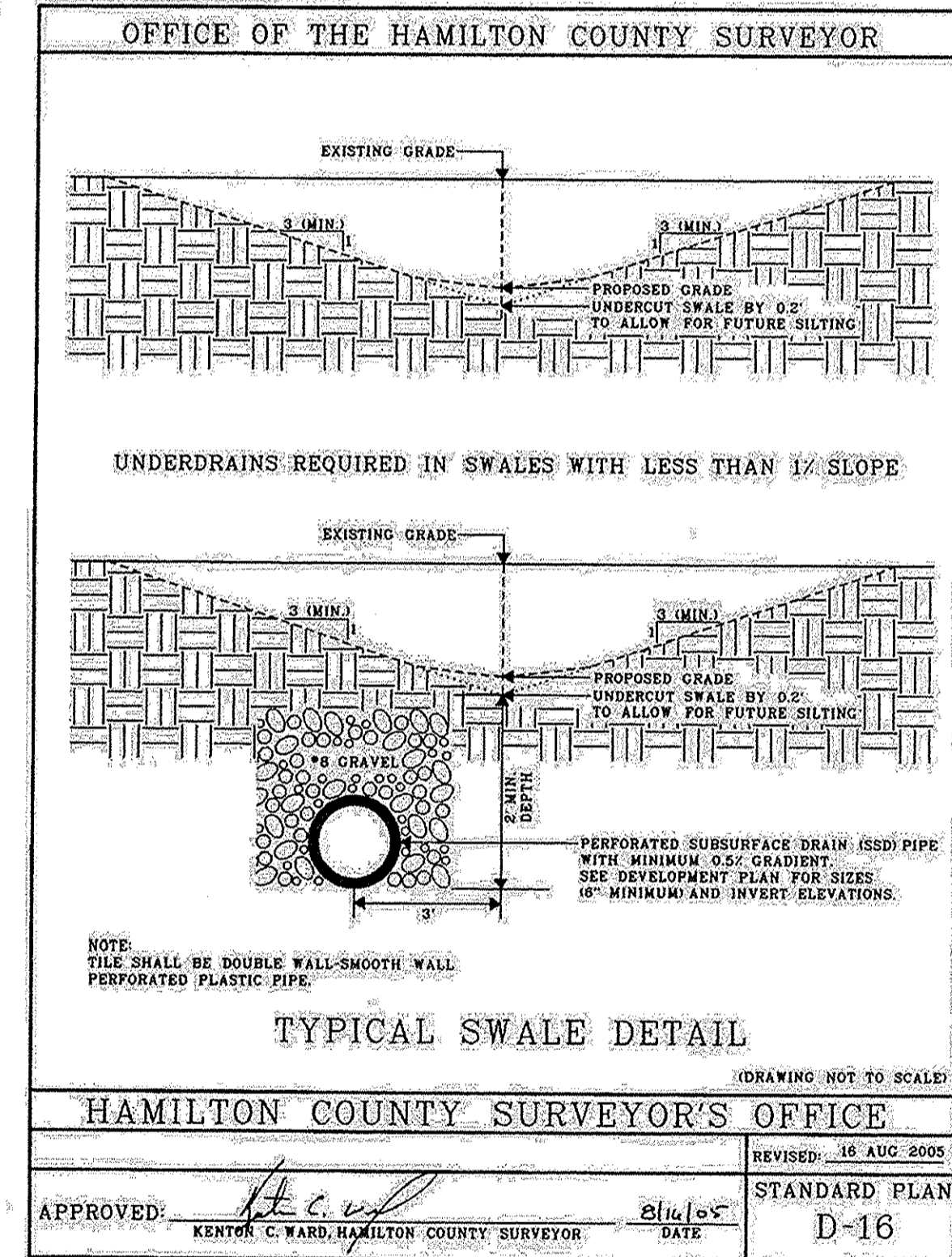
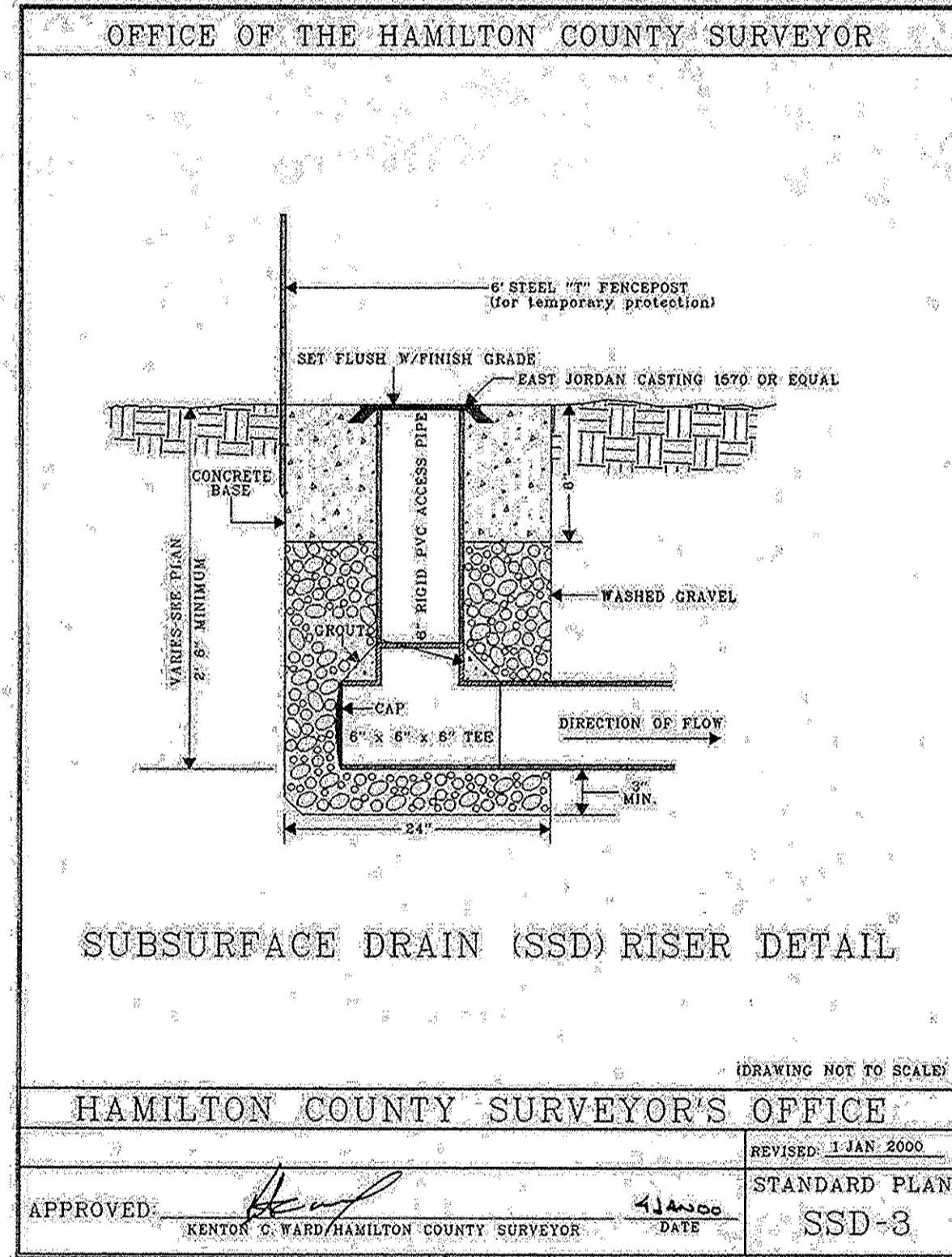
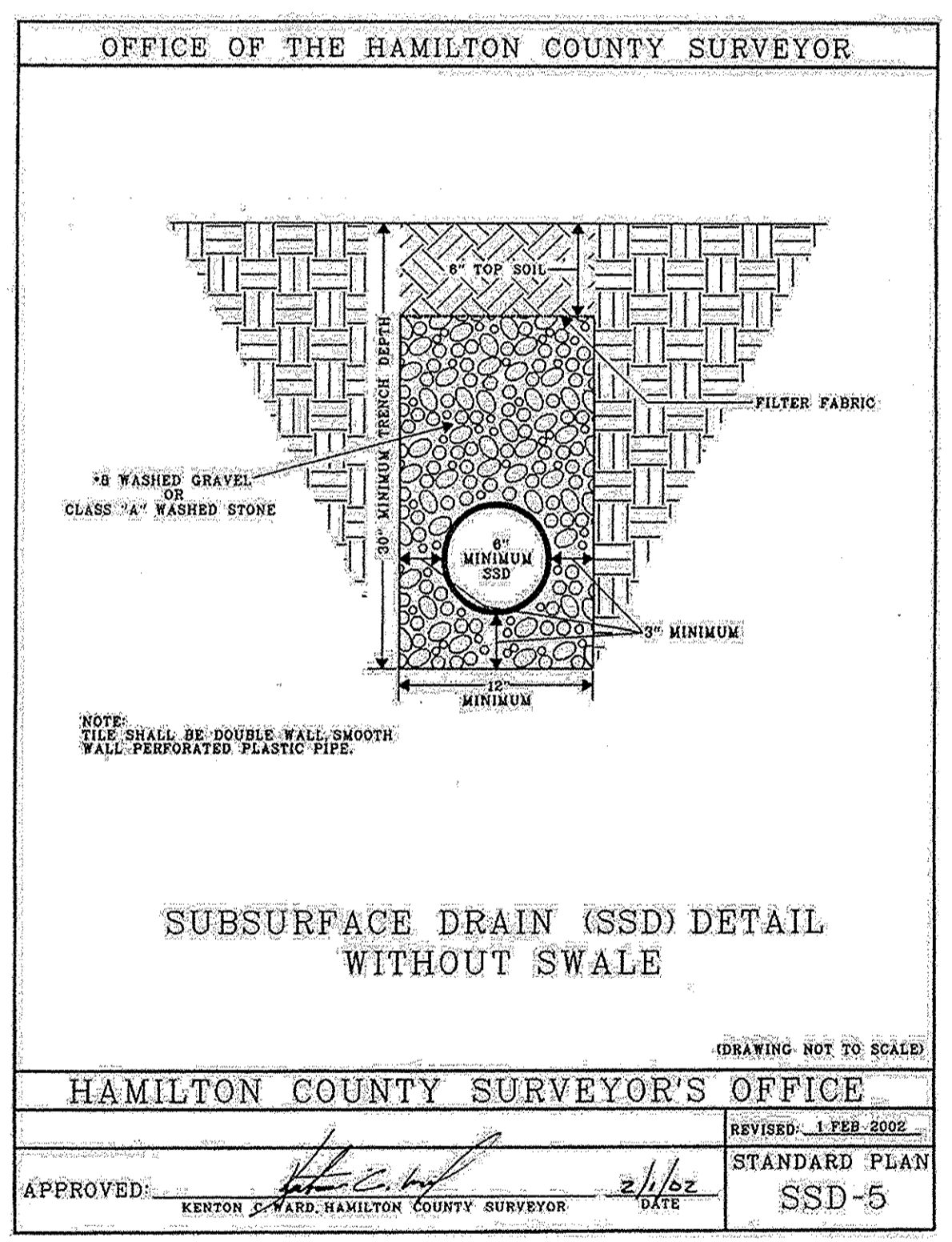
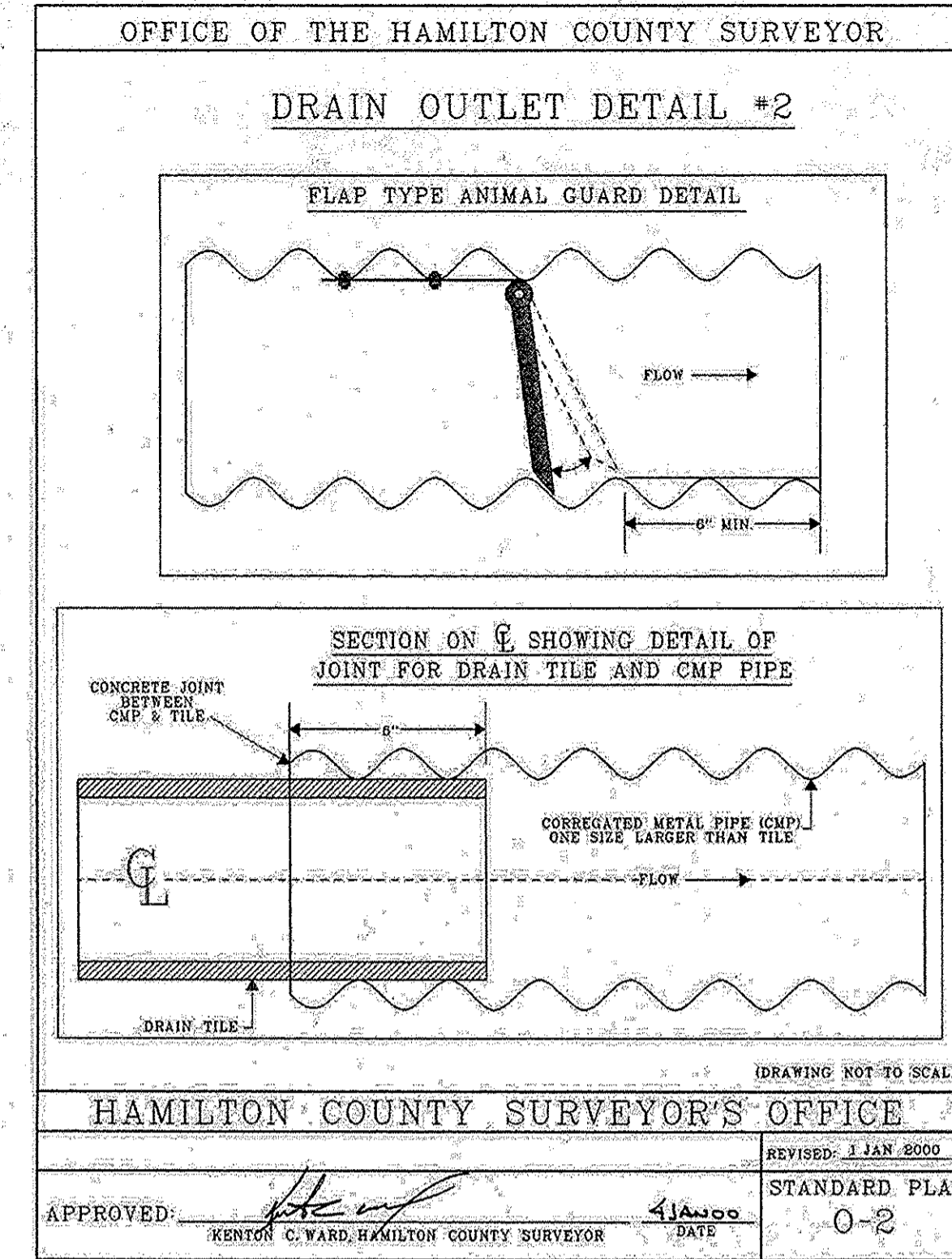
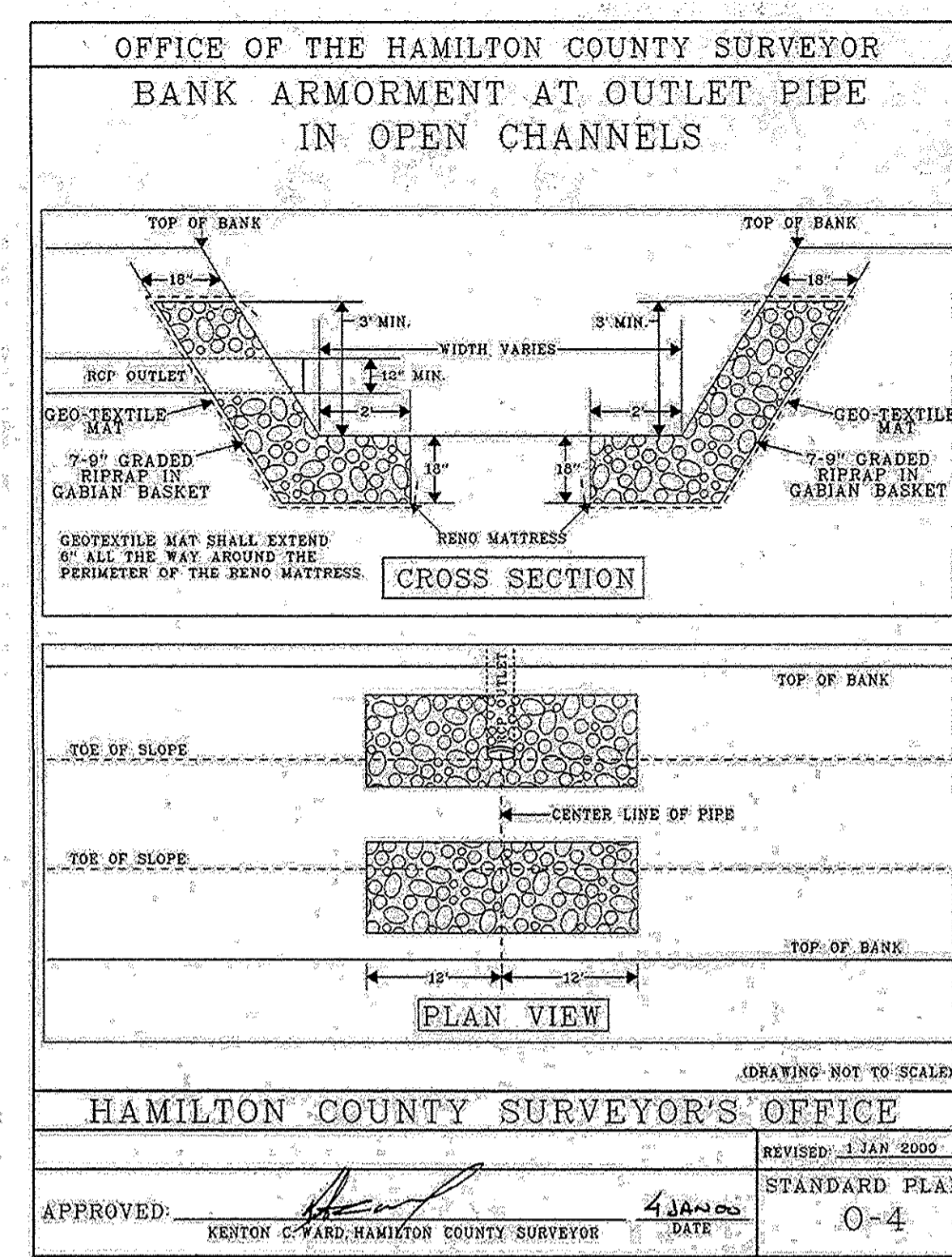
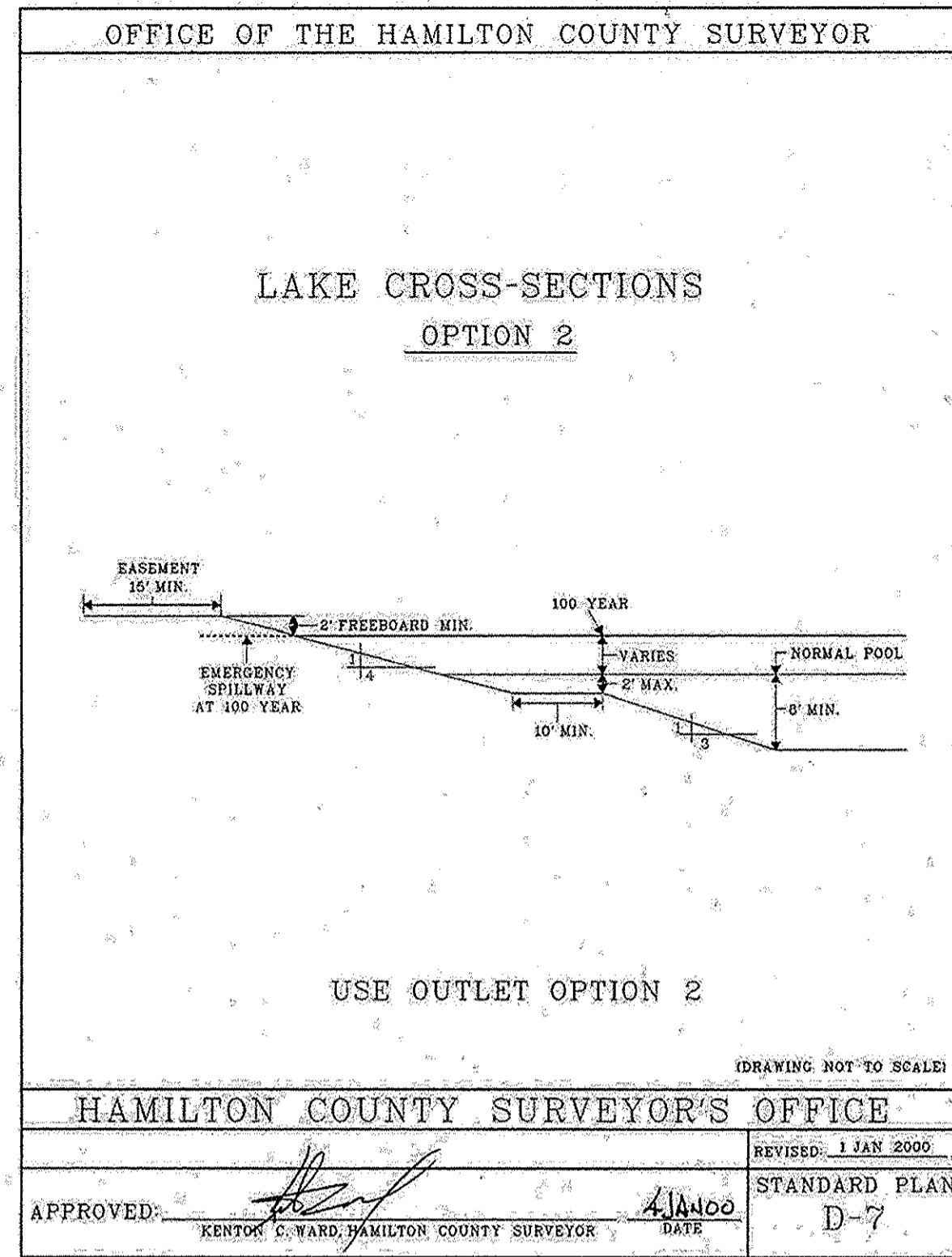
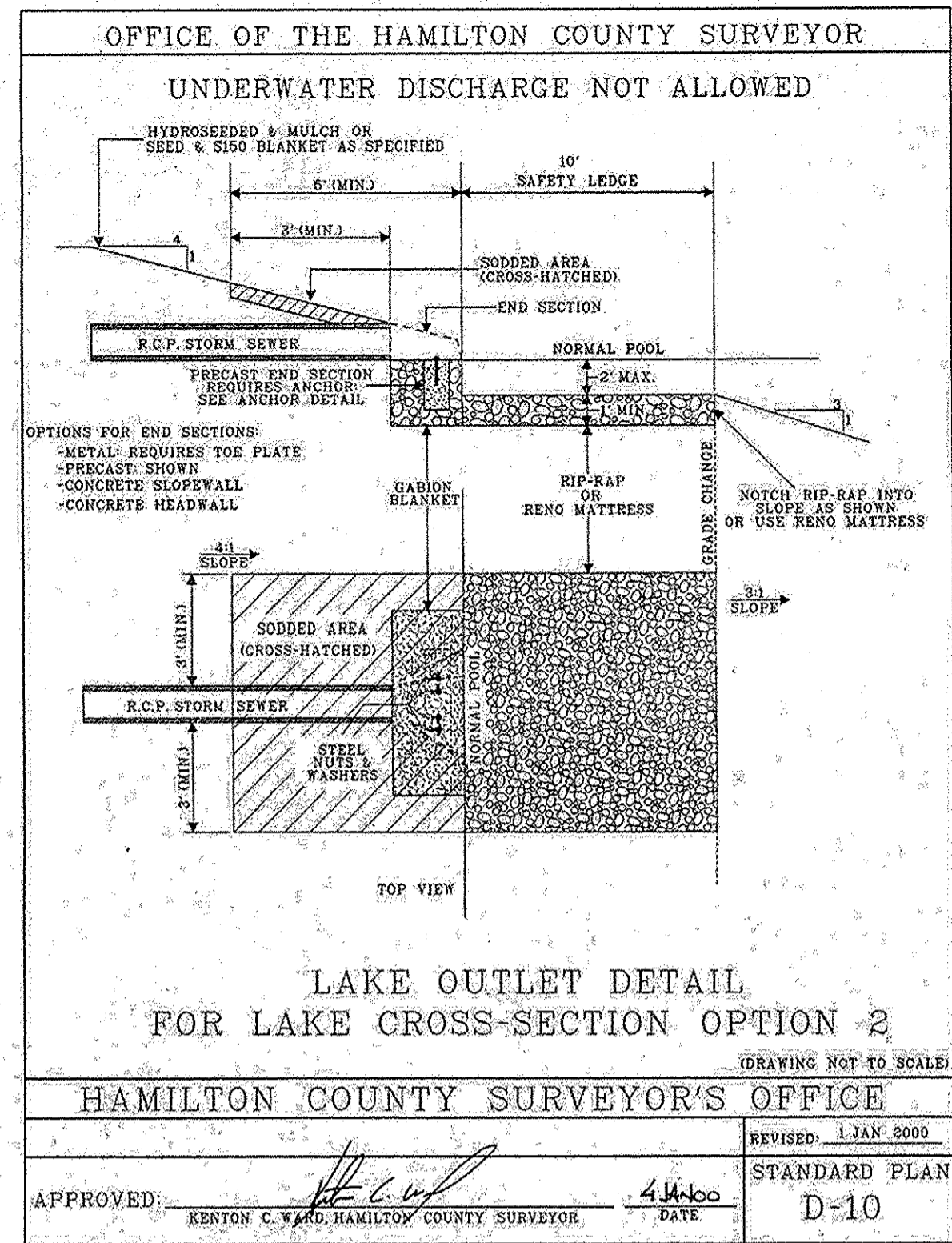
- EXISTING GRADE
- FINISHED GRADE
- HYDRAULIC GRADE LINE
- GRANULAR BACKFILL
- 12" OF #53 STONE

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

STORM SEWER PLAN & PROFILES
Part of Station 16, Trussville to North, Range 8 East, Washington Township, Hamilton County, Indiana

PROJECT NO. W150389-1

Location: H:\2015\W150389\Section 1\Engineering\Drawings\ASBUILT\ASB - Storm Sewer Plan.dwg
DATE/TIME: July 13, 2017 - 1:30pm
PLOTTER: B6, eviewer



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

JOSEPH TRITAN, LS21500003

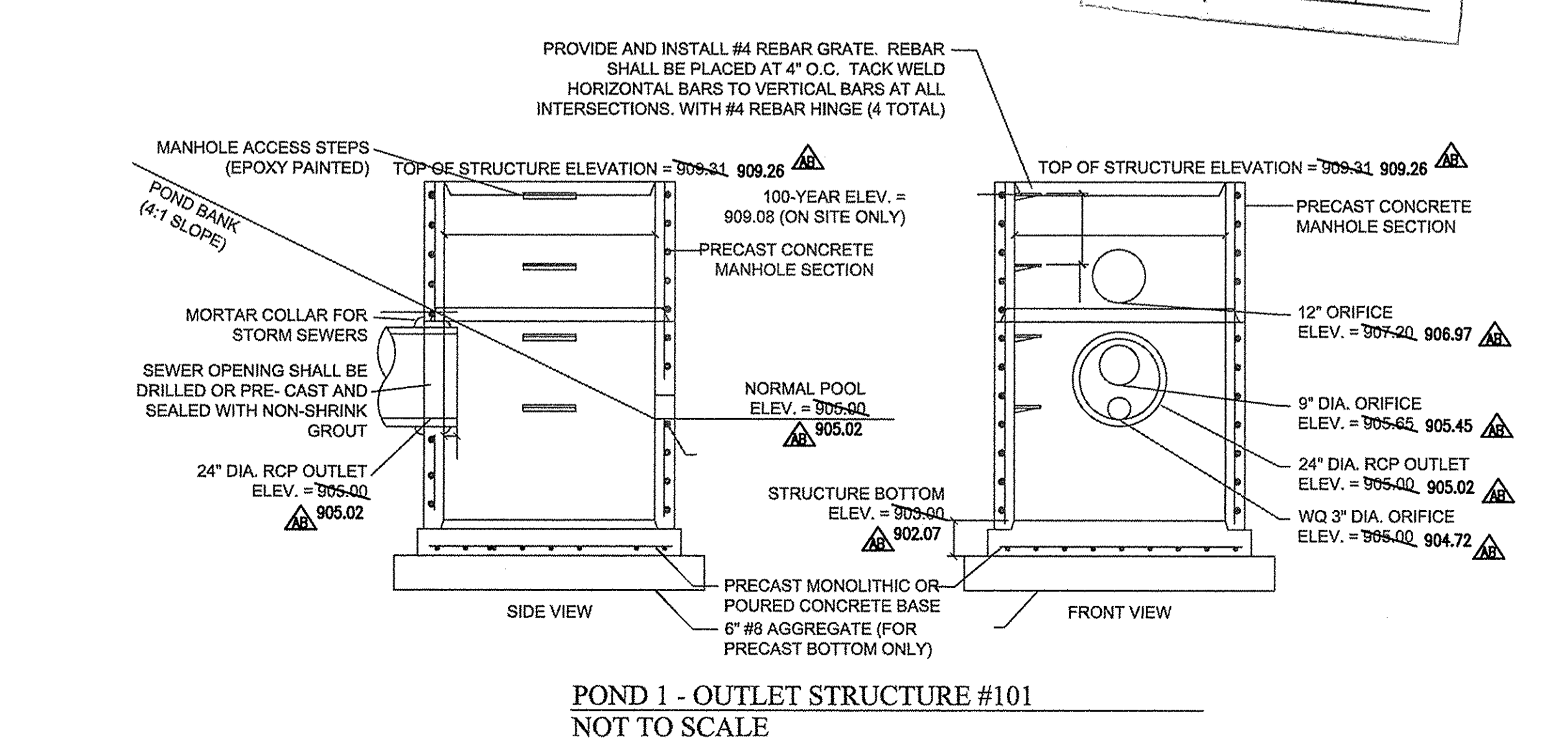
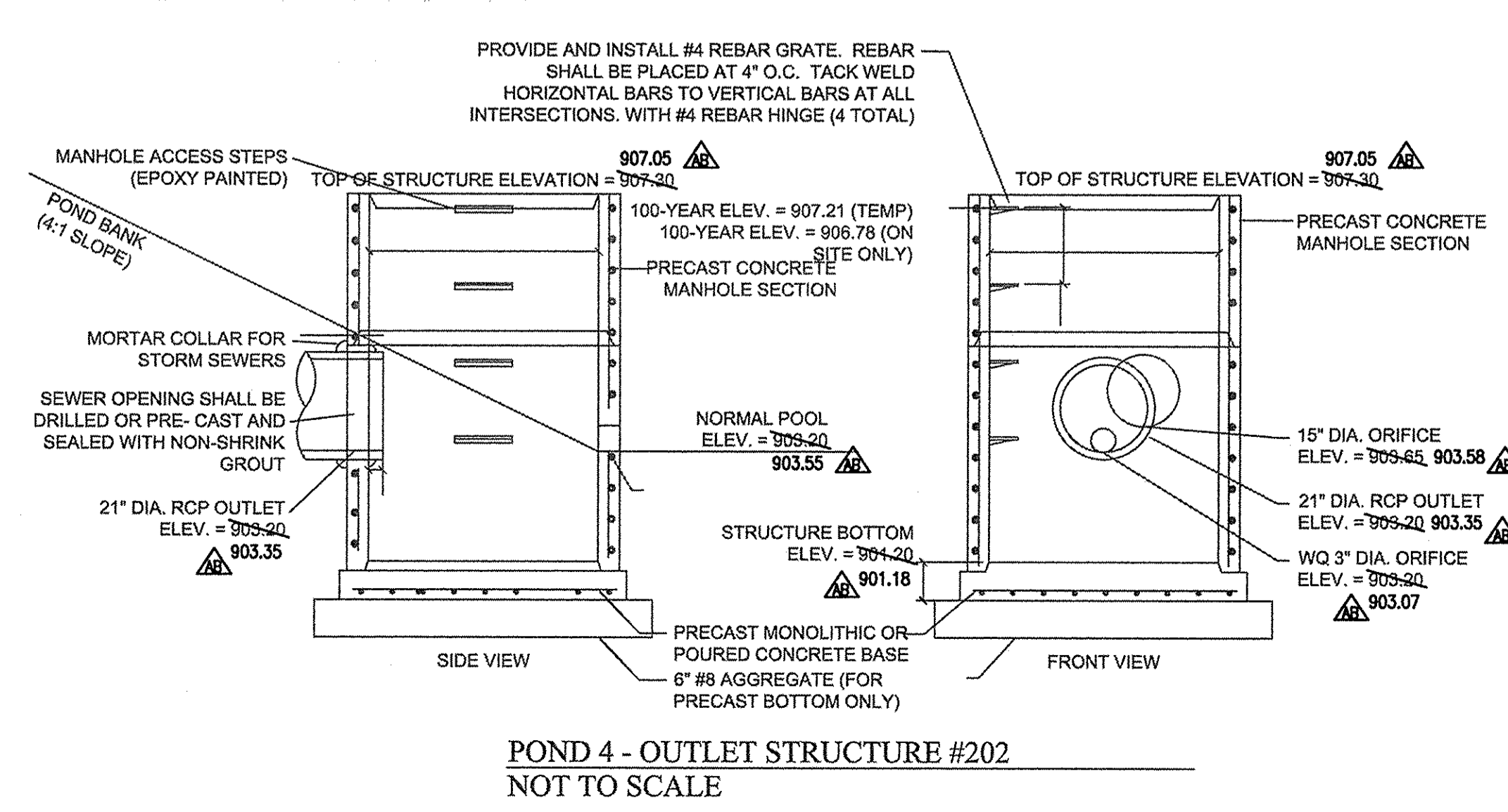
JOSEPH TITAN REGISTERED No. LS21500003 STATE OF INDIANA LAND SURVEYOR

AS-BUILT INFORMATION
BUILT AS DESIGNED

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

POND SPILLWAY DETAIL (NO SCALE)

RECORDED BY: SLH
Entered Date: 2/18



10505 N. College Avenue
Indianapolis, Indiana 46280
weilhe.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

RECORDED BY: SLH
Entered Date: 2/18

RECORDED BY: 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
Part of Station 10, Township 18 North, Range 2 East, Washington Township, Hamilton County, Canal, Indiana

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: weiler