

Drain: Cool Creek Drain

Improvement-Arm: Monon Trail School Arm

Date Approved: May 27, 2008

Drain Input Checklist

- Create Regulated Drain Record in Posse _____
 - Drain Type
 - Outlet (Tab)
 - Outlet Attached
 - Location
 - Twp
 - Certification
 - Drain Number

- Enter Improvement Arm in Posse May 27, 2008
(Construction Amount = Storm Drains, Erosion Control, Sub-surface drain & Earthwork)

- Scan Documents _____
 - Surveyor's Report
 - Engineer's Estimate
 - Notices
 - Findings and Order
 - Petition

- Create Posse Inspection Job _____

- Enter into Watershed Summary Spreadsheet _____

- Check for Vacation of Drain & Map Changes _____

- Check Drainage Easement Classification _____

- Sum drain length & Validate in GIS _____

- Enter New Watershed Length into Posse _____

- Create Boundary of Improvement in GIS _____



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

April 2, 2008

To: Hamilton County Drainage Board

Re: Cool Creek Drain, Monon Trail School Arm.

Attached is a petition filed by Westfield Washington Schools along with plans, calculations, and quantity summary for the Monon Trail School Arm, Cool 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	379 ft.	24" RCP	3,626 ft.	Open Channel	68 ft.
15" RCP	751 ft.	30" RCP	1,375 ft.		
18" RCP	1,702 ft.	36" RCP	1,000 ft.		

The total length of the drain will be 8,901 feet.

The drain listed above is as shown on sheets C500 to C504 and sheet C720 of the construction plans for the New Monon Trail Elementary School and Library by Cripe Architects and Engineers, dated 6-14-07, and having project number 050391-20100. The drain begins at Structure 701, then to 702, 703, 705, 706, 707, and 708. The drain then runs through the southern pond to Structure 712, then to 713, 715, 716, 717, 718, 719, 720, 721, 722, 722A, and 723. The drain then runs through the northern pond to Structure L24, L25, L26, and L27. Also part of this pipe run are the pipes from Structure 706 to 709, 715 to 724, 724 to 725, 725 to 726, 726 to 727, 727 to 728, 728 to 729, 725 to 734, 734 to 735, 735 to 736, L28 to L29, L01 to L02, L02 to L03, L03 to L04, L04 to L05, L05 to L06, L06 to L07, L07 to L08, L08 to L09, and L09 to L10. The open ditch listed above is the open channel between Structure 701 and the Cool Creek Regulated Drain.

The next pipe run begins at Structure 756 at the southern pond, then to Structure 757, 758, 759, 760, 761, 762, 763, 764, and ending at Structure 783.

The final pipe run begins at Structure 784 at the southern pond, then to Structure 785, 786, 787, 788, 789, 790, 791, and ending at Structure 792.

The retention ponds located on parcels 08-05-25-00-00-004.000 and 08-05-25-00-00-003.000, owned by Westfield Washington Multi School Building Corporation, are to be considered part of the regulated drain. Pond maintenance shall include the inlet, outlet, sediment removal and erosion control along the banks as part of the regulated drain. The maintenance of the ponds such as mowing and aquatic vegetation control will be the responsibility of the Westfield Washington School Corporation. The Board will also retain jurisdiction for ensuring the storage volume for which the ponds were designed will be retained, thereby, allowing no fill or easement encroachments.

I have reviewed the plans and believe that no damages will result to landowners by the construction of this drain. The parcels owned by Westfield Washington Multi School Building Corporation are already assessed at the appropriate rate to the Cool Creek Drain. This proposal will result in no change to the drainage assessments.

The petitioner, being a public school corporation, was not required to submit Surety per the Drainage Boards direction at the August 9, 2004 Drainage Board Meeting (Drainage Board Minute Book 7, Page 517).

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.

The off-site easement that is needed outside of the Tomlinson Road right of way for this proposed drain shall be per the recorded easement agreements as follows:

<u>Parcel</u>	<u>Owner</u>	<u>Instrument Number</u>
08-05-25-02-01-008.000	Reid & Martha Barker	2007-062608
08-05-25-02-01-007.000	Thomas & Karen Newberry	2007-062607
08-05-25-02-01-006.000	Joseph Edwards	2007-062609

I recommend that upon approval of the above drain that the Board also reduce the regulated drain easement on parcels 08-05-25-00-00-004.000, 08-05-25-00-00-003.001, 08-05-25-00-00-002.000, and 08-05-25-00-00-003.000, owned by Westfield Washington Multi School Building Corporation, to 30 feet, 15 feet each side of the center line of the drain.

I recommend the Board set a hearing for this proposed drain for May 27, 2008.



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

**Gasb 34 Asset Price &
Drain Length Log**

Drain-Improvement: Monon Trail School Arm

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
RCP	12	379	379	∅	\$ 7.25 lf	\$ 2747.25
RCP	15	751	751	∅	\$ 9.50 lf	\$ 7134.50
RCP	18	1702	1702	∅	\$ 10.50 lf	\$ 17,871.00
RCP	24	3626	3626	∅	\$ 18.00 lf	\$ 65,268.00
RCP	30	1375	1375	∅	\$ 24.00 lf	\$ 33,825.00
RCP	36	1000	1000	∅	\$ 32.25 lf	\$ 32,250.00
Open Ditch	-	68	68	∅	\$ 19.55 lf	\$ 1,329.40

Sum: 8901 8901 ∅ \$ 160,425.65

Final Report: _____

Comments:

To: Hamilton County Drainage Board

Date: 4/17/07

Re: Cool Creek Regulated Drain

Westfield-Washington Schools (Here-in-after "Petitioner"),

hereby petitions the Hamilton County Drainage Board under IC 36-9-27-66 for an arm to be installed to the Cool Creek Regulated Drain in order to serve the property of the petitioner. The petitioner, in support of said petition, advises the Board that:

1. The Cool Creek Regulated Drain is presently on a maintenance program and that land of the petitioner is assessed as benefited by the maintenance of the regulated drain
2. There is no known adequate open or tiled drain connecting the land of the petitioner with the regulated drain;
3. The waters from the petitioners land flow over or through land owned by others to reach the regulated drain;
4. The legal description of lands through which the new regulated drain will run along with the parcel numbers, name and address of each owner of that land is shown on Exhibit "A" which is attached;
5. The general route of the proposed new regulated drain and method of construction is shown on Exhibit "B" which is attached.
6. Petitioner agrees to pay all legal and construction costs involved with the construction of the proposed new regulated drain.

Signed

Printed

Mark F. Keen

Mark F. Keen

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Cool Creek Drain, Monon Trail School Arm

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Cool Creek Drain, Monon Trail School Arm** on **May 27, 2008** at **9:15 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

Cool Creek Drain, Monon Trail School Arm

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **May 27, 2008** 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

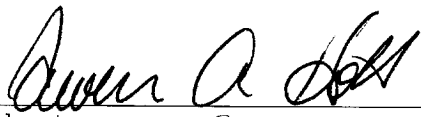
ONE TIME ONLY

FINDINGS AND ORDER
CONCERNING THE MAINTENANCE OF THE
Cool Creek Drain, Monon Trail School Arm

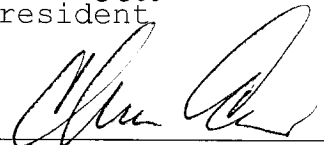
On this **27th day of May 2008**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Cool Creek Drain, Monon Trail School Arm**.

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.

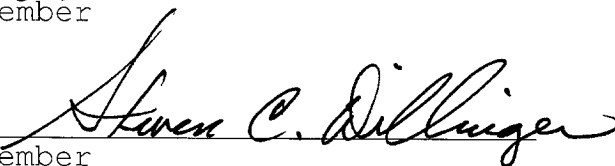
HAMILTON COUNTY DRAINAGE BOARD



President



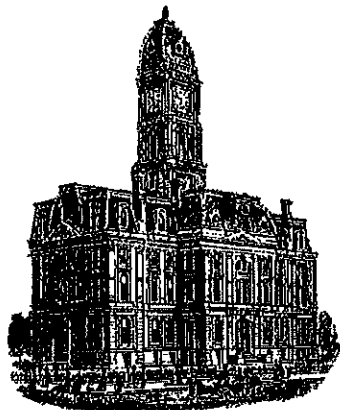
Member



Member

Attest. 

KLW



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

December 10, 2019

Re: Cool Creek Drain: Monon Trail School Arm

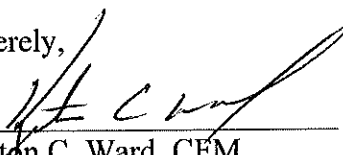
Attached are as built and other information for Monon Trail Elementary School Arm. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain dated April 2, 2008. The report was approved by the Board at the hearing held May 27, 2008. (See Drainage Board Minutes Book 11, Pages 173-174)
The changes are as follows: it should be stated that the drain between structures L01 to L10 and L28 to L29 were never constructed. This was the area of the proposed library building and parking lot. The 12" RCP was shortened from 379 feet to 302 feet. The 15" RCP was shortened from 751 feet to 420 feet. The 18" RCP was shortened from 1702 feet to 1450 feet. The 24" RCP was shortened from 3,626 feet to 3,061 feet. The 30" RCP was shortened from 1,375 feet to 1,371 feet. The 36" RCP was shortened from 1,000 to 991 feet. The open channel was shortened from 68 feet to 57 feet. The length of the drain due to the changes described above is now **7,652 feet**.

The drainage easements for this drain was designated as 15 ft per half in the surveyor's initial report to the board mentioned above. The offsite drain easements were outlined in recorded easement agreements found in the Hamilton County Recorder's office under instrument numbers #2007-062607, 2007-062608, 2007-062609. Sureties were not posted for this project per the Drainage Boards direction. (See Drainage Board Minutes Book 7, Page 517)

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Kenton C. Ward', written over a horizontal line.

Kenton C. Ward, CFM
Hamilton County Surveyor

**Gasb 34 Asset Price &
Drain Length Log**

Drain-Improvement: Monon Trail School Arm

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
RCP	12	379	379 302	∅	\$ 7.25 lf	\$ 2747.25
RCP	15	751	751 420	∅	\$ 9.50 lf	\$ 7134.50
RCP	18	1702	1702 1450	∅	\$ 10.50 lf	\$ 17,871.00
RCP	24	3626	3626 3061	∅	\$ 18.00 lf	\$ 65,268.00
RCP	30	1375	1375 1371	∅	\$ 24.00 lf	\$ 33,825.00
RCP	36	1000	1000 991	∅	\$ 32.25 lf	\$ 32,250.00
<u>Open Ditch:</u>	-	68	68	∅	\$ 19.55 lf	\$ 1329.40

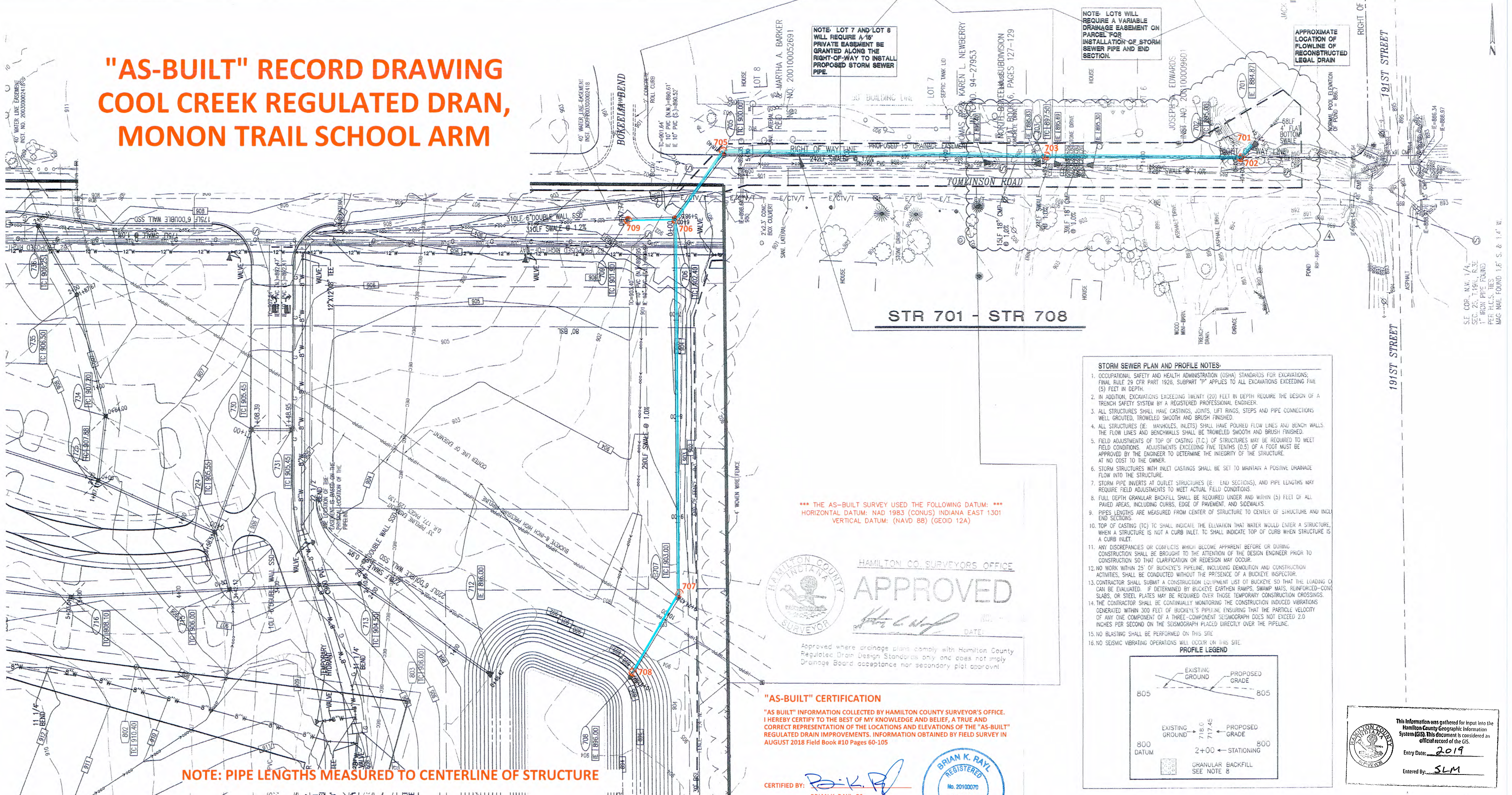
2189.5
3990
15,225
55,098
33,726.1
31,959.7
1329.40

Sum: 8901 ~~8901~~ 7652 ∅ ~~\$ 160,425.65~~
\$ 143,518.25

Final Report: 7652

Comments:
A portion of the drain was deleted.

"AS-BUILT" RECORD DRAWING COOL CREEK REGULATED DRAIN, MONON TRAIL SCHOOL ARM



- STORM SEWER PLAN AND PROFILE NOTES:**
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS, FINAL RULE 29 CFR PART 1926, SUBPART 1926.100 APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
 - IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
 - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS, STEPS AND PIPE CONNECTIONS WELL GROUTED, TROWELED SMOOTH AND BRUSH FINISHED.
 - ALL STRUCTURES (IE: MANHOLES, INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND BRUSH FINISHED.
 - FIELD ADJUSTMENTS OF TOP OF CASTING (T.O.C.) OF STRUCTURES MAY BE REQUIRED TO MEET FIELD CONDITIONS. ADJUSTMENTS EXCEEDING FIVE TENTHS (0.5) OF A FOOT MUST BE APPROVED BY THE ENGINEER TO DETERMINE THE INTEGRITY OF THE STRUCTURE.
 - AT NO COST TO THE OWNER.
 - STORM STRUCTURES WITH INLET CASTINGS SHALL BE SET TO MAINTAIN A POSITIVE DRAINAGE FLOW INTO THE STRUCTURE.
 - STORM PIPE INVERTS AT OUTLET STRUCTURES (IE: END SECTIONS), AND PIPE LENGTHS MAY REQUIRE FIELD ADJUSTMENTS TO MEET ACTUAL FIELD CONDITIONS.
 - FULL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN (5) FEET OF ALL PAVED AREAS, INCLUDING CURBS, EDGE OF PAVEMENT AND SIDEWALKS.
 - PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND INLET END SECTIONS.
 - TOP OF CASTING (T.O.C.) SHALL INDICATE THE ELEVATION THAT WATER WOULD ENTER A STRUCTURE, WHEN A STRUCTURE IS NOT A CURB INLET. TO SHALL INDICATE TOP OF CURB WHEN STRUCTURE IS A CURB INLET.
 - ANY DISCREPANCIES OR CONFLICTS WHICH BECOME APPARENT BEFORE OR DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REVISION MAY OCCUR.
 - NO WORK WITHIN 25' OF BUCKEYE'S PIPELINE, INCLUDING DEMOLITION AND CONSTRUCTION ACTIVITIES, SHALL BE CONDUCTED WITHOUT THE PRESENCE OF A BUCKEYE INSPECTOR.
 - CONTRACTOR SHALL SUBMIT A CONSTRUCTION EQUIPMENT LIST OF BUCKEYE SO THAT THE LOADING CAN BE EVALUATED. IT DETERMINED BY BUCKEYE EARTHEN RAMPS, SHARP MAAS, REINFORCED CONG. SLABS, OR STEEL PLATES MAY BE REQUIRED OVER THOSE TEMPORARY CONSTRUCTION CROSSINGS.
 - THE CONTRACTOR SHALL BE CONTINUALLY MONITORING THE CONSTRUCTION INDUCED VIBRATIONS GENERATED WITHIN 300 FEET OF BUCKEYE'S PIPELINE ENSURING THAT THE PARTICLE VELOCITY OF ANY ONE COMPONENT OF A THREE-COMPONENT SEISMOGRAPH DOES NOT EXCEED 2.0 INCHES PER SECOND ON THE SEISMOGRAPH PLACED DIRECTLY OVER THE PIPELINE.
 - NO BLASTING SHALL BE PERFORMED ON THIS SITE.
 - NO SEISMIC VIBRATING OPERATIONS WILL OCCUR ON THIS SITE.

*** THE AS-BUILT SURVEY USED THE FOLLOWING DATUM: ***
HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301
VERTICAL DATUM: (NAVD 88) (GEOID 12A)



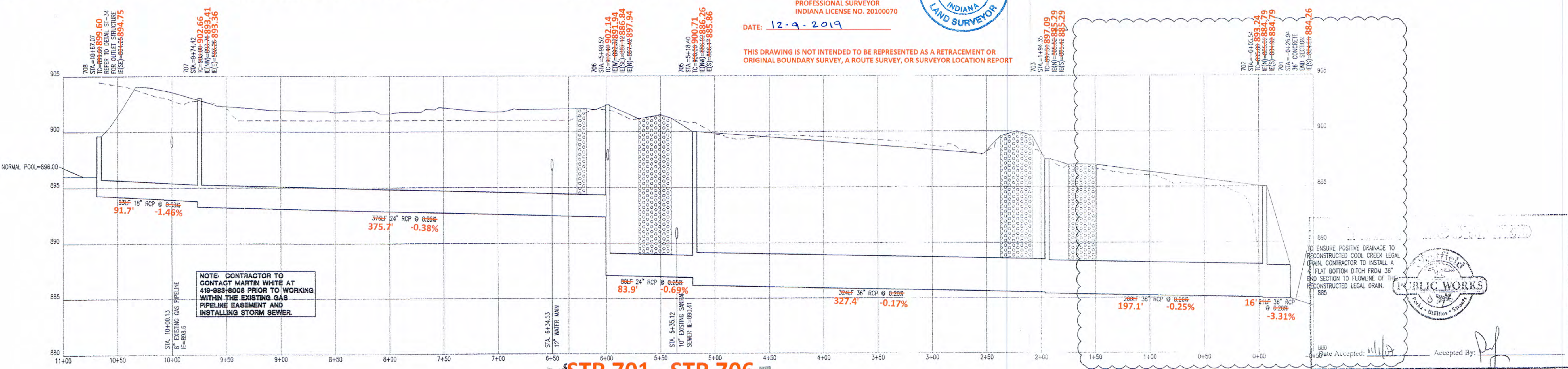
"AS-BUILT" CERTIFICATION
"AS BUILT" INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY FIELD SURVEY IN AUGUST 2018 Field Book #10 Pages 60-105

CERTIFIED BY: *B.K.R.*
BRIAN K. RAY, PS
PROFESSIONAL SURVEYOR
INDIANA LICENSE NO. 20100070
DATE: 12-9-2019



THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT

NOTE: PIPE LENGTHS MEASURED TO CENTERLINE OF STRUCTURE



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

Revision	Date	Description
10-10-07		AGENCY COMMENTS
10-17-07		AGENCY COMMENTS
10-25-07		AGENCY COMMENTS

ARCHITECTURE
CIVIL/TRANSPORTATION ENGINEERS
LAND PLANNING
LAND SURVEYING
GEOGRAPHIC INFORMATION SYSTEMS
OWNER REPRESENTATION

7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 942-6777 FAX (317) 641-4798
E-Mail: crpe@crpe.biz



STORM PLAN AND PROFILES
NEW MONON TRAIL ELEMENTARY SCHOOL AND LIBRARY
WESTFIELD-WASHINGTON SCHOOLS
322 WEST MAIN STREET
WESTFIELD, IN 46074

Drawn By: SARA FARNY, EI
Checked By: CHRIS WISEMAN, PE
Scale Assessor: PAULA GARTNER, PE

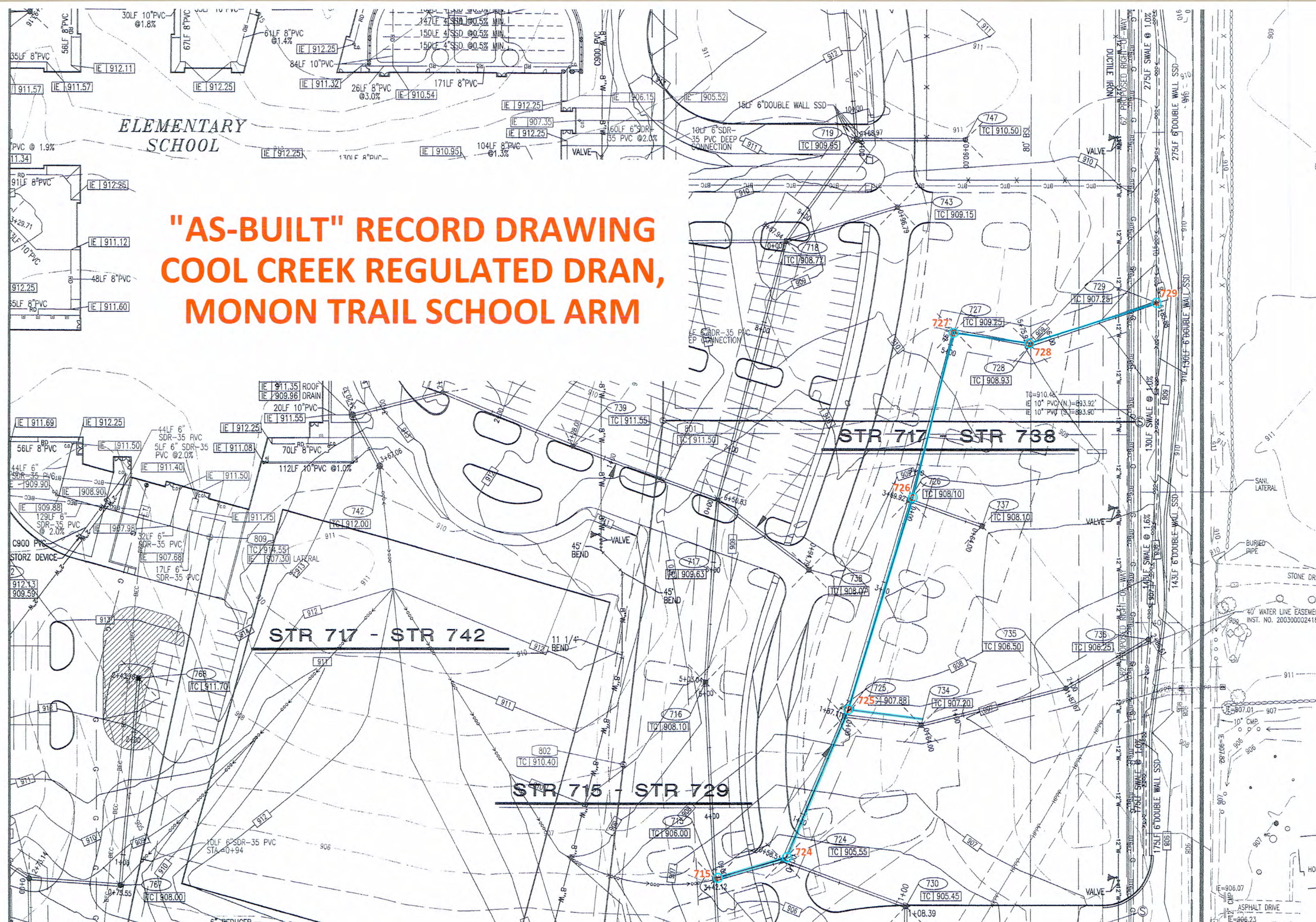
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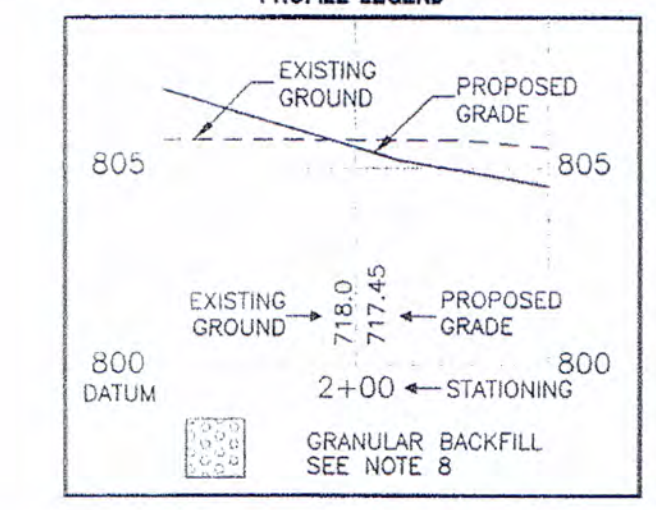
Date: 06-14-07

Project Number: 050391-20100

"AS-BUILT" RECORD DRAWING COOL CREEK REGULATED DRAIN, MONON TRAIL SCHOOL ARM



- STORM SEWER PLAN AND PROFILE NOTES:**
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS, FINAL RULE '29 CFR PART 1926, SUBPART 'PP' APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
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VERTICAL DATUM: (NAVD 88) (GEOID 12A)

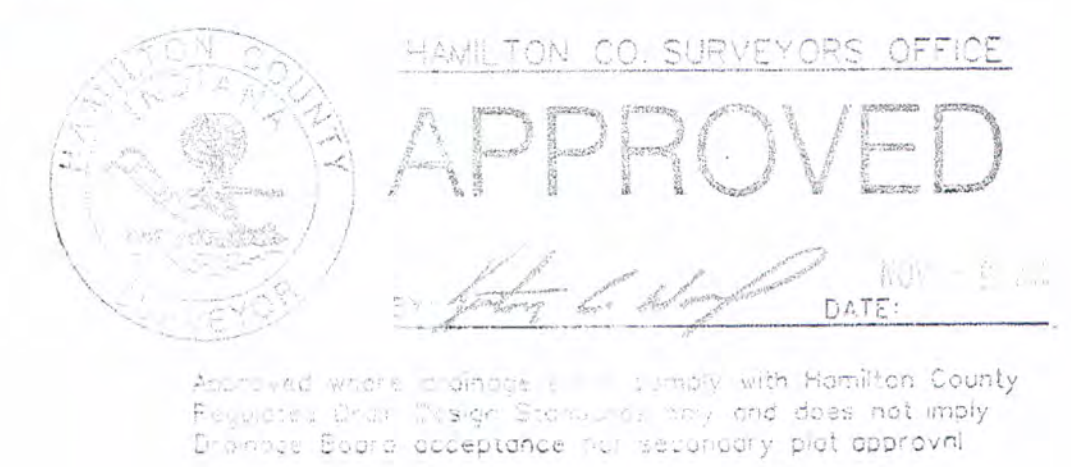
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"AS BUILT" INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY FIELD SURVEY IN AUGUST 2018 Field Book #10 Pages 60-105

CERTIFIED BY: *B.K.R.*
BRIAN K. RAY, PS
PROFESSIONAL SURVEYOR
INDIANA LICENSE NO. 20100070
DATE: 12-9-2019

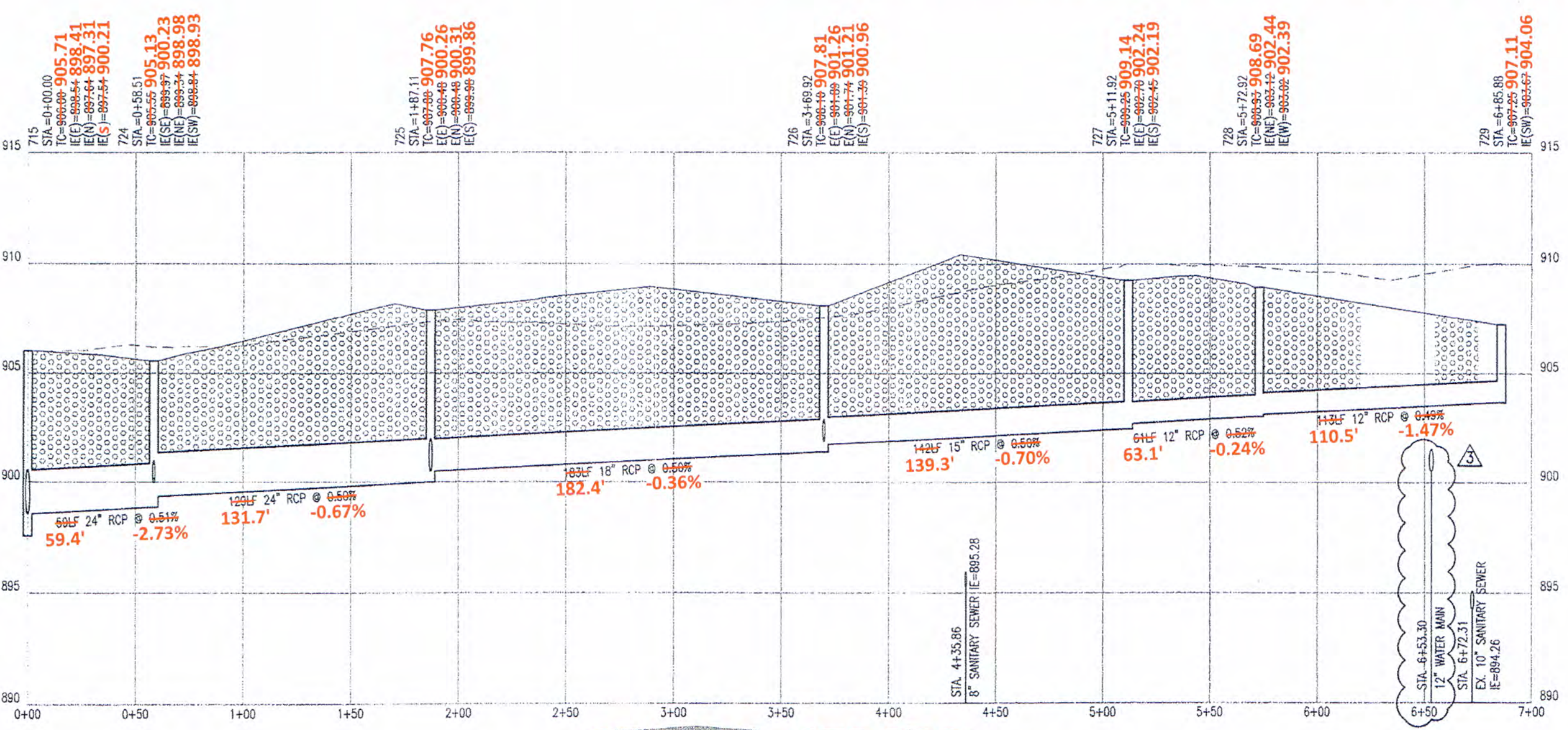


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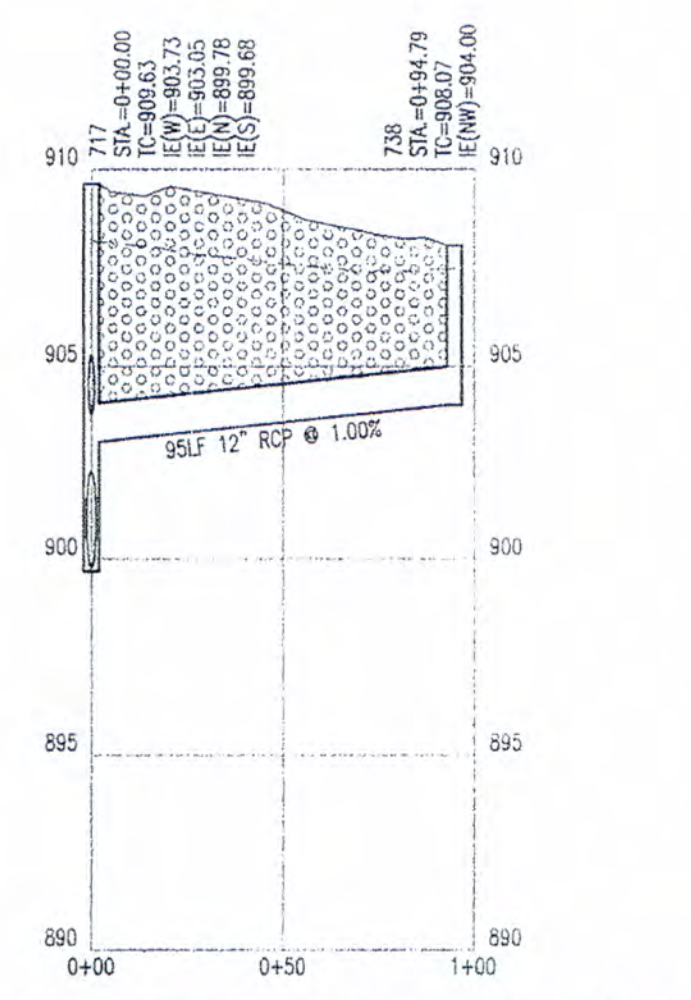
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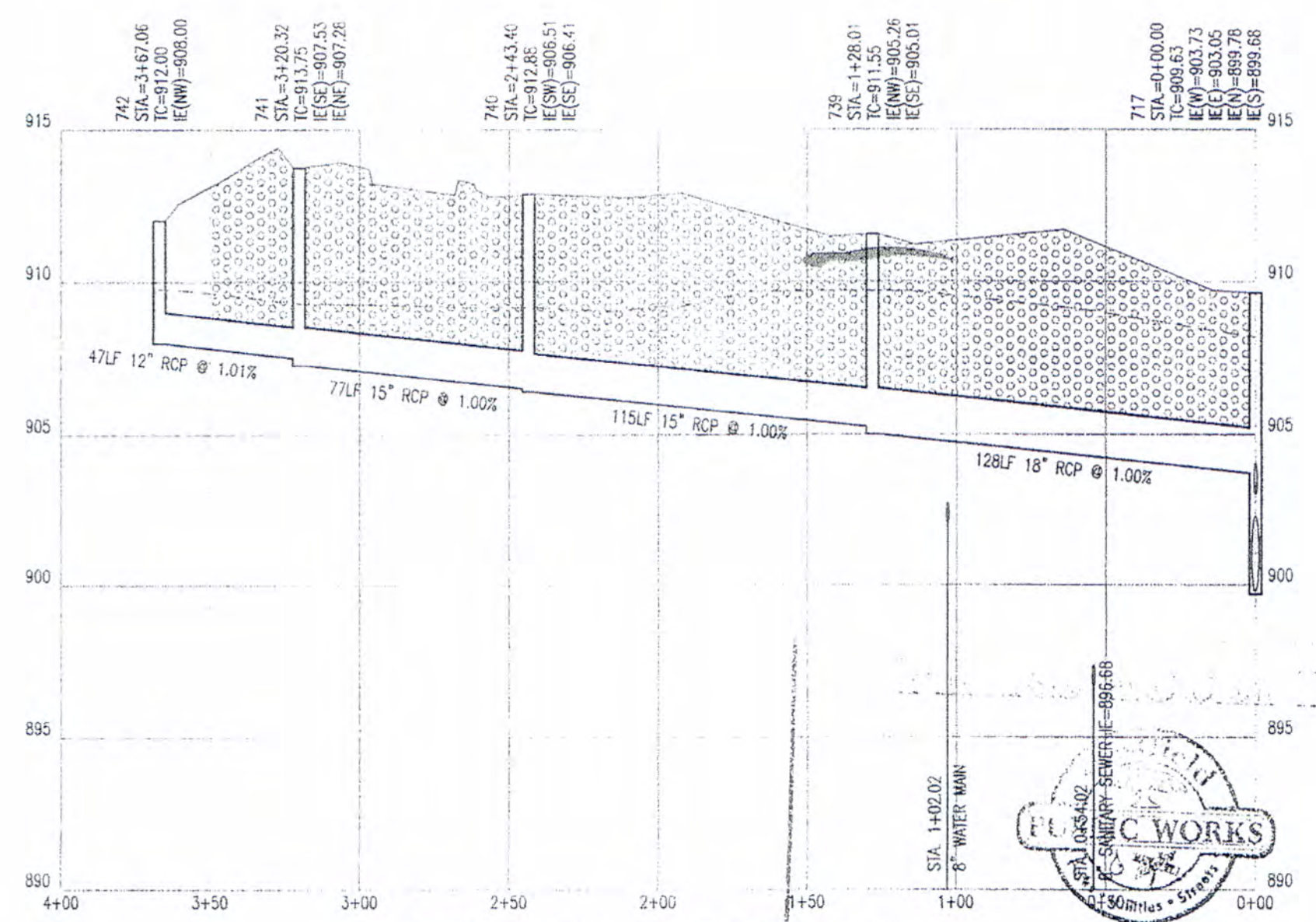
NOTE: PIPE LENGTHS MEASURED TO CENTERLINE OF STRUCTURE



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



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



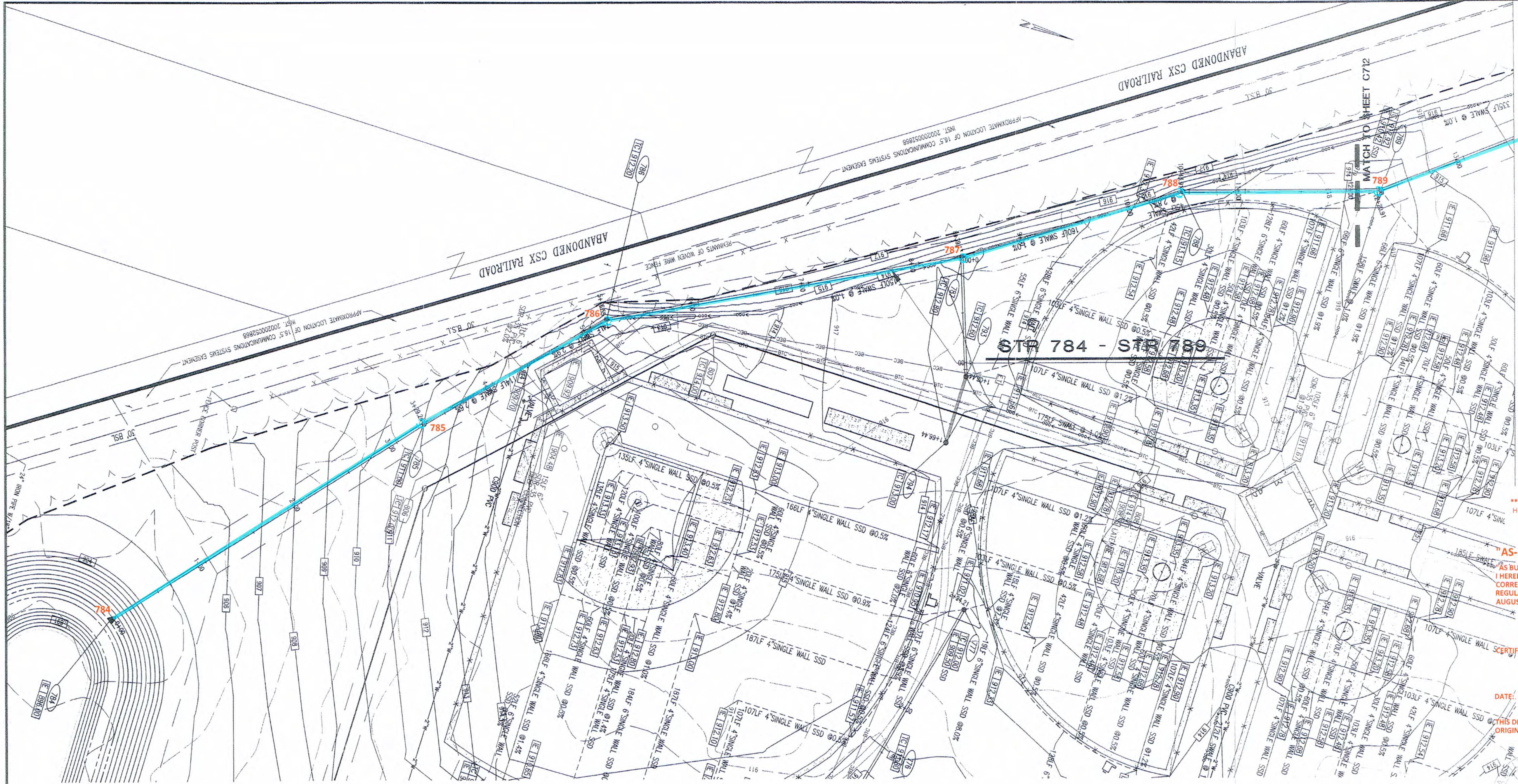
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STORM PLAN AND PROFILES
NEW MONON TRAIL ELEMENTARY SCHOOL AND LIBRARY
WESTFIELD - WASHINGTON SCHOOLS
322 WEST MAIN STREET
WESTFIELD, IN 46074

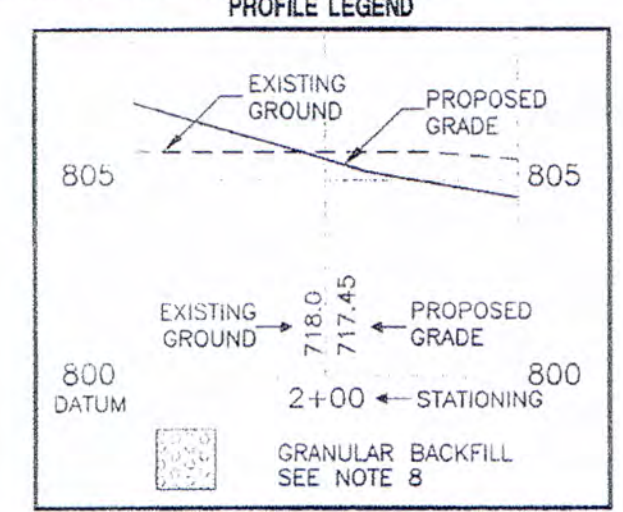
Cripe
Architects + Engineers
Solutions by Design Since 1957

7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 842-6777 FAX (317) 841-4778
E-Mail: cripe@cripe.biz

DATE: 06-14-07
Project Number: 050391-20100



- STORM SEWER PLAN AND PROFILE NOTES:**
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS: FINAL RULE 29 CFR PART 1926, SUBPART PP APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
 - IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
 - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS, STEPS AND PIPE CONNECTIONS WELL GROUNDED, TROWELED SMOOTH AND BRUSH FINISHED.
 - ALL STRUCTURES (IE: MANHOLES, INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND BRUSH FINISHED.
 - FIELD ADJUSTMENTS OF TOP OF CASTING (T.O.C.) OF STRUCTURES MAY BE REQUIRED TO MEET FIELD CONDITIONS. ADJUSTMENTS EXCEEDING THE TENTHS (0.5) OF A FOOT MUST BE APPROVED BY THE ENGINEER TO DETERMINE THE INTEGRITY OF THE STRUCTURE. AT NO COST TO THE OWNER.
 - STORM STRUCTURES WITH INLET CASTINGS SHALL BE SET TO MAINTAIN A POSITIVE DRAINAGE SLOPE INTO THE STRUCTURE.
 - STORM PIPE INHERITS ALL QUALITY STRUCTURES (IE: END SECTIONS), AND PIPE LENGTHS MAY REQUIRE FIELD ADJUSTMENTS TO MEET ACTUAL FIELD CONDITIONS.
 - FULL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN (5) FEET OF ALL PAVED AREAS, INCLUDING CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
 - PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND INLET END SECTIONS.
 - TOP OF CASTING (T.O.C.) SHALL INDICATE THE ELEVATION THAT WATER WOULD ENTER A STRUCTURE, WHEN A STRUCTURE IS NOT A CURB INLET. IT SHALL INDICATE TOP OF CURB WHEN STRUCTURE IS A CURB INLET.
 - ANY DISCREPANCIES OR CONFLICTS WHICH BECOME APPARENT BEFORE OR DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REVISION MAY OCCUR.
 - NO WORK WITHIN 25' OF BUCKEYE'S PIPELINE, INCLUDING DEMOLITION AND CONSTRUCTION ACTIVITIES, SHALL BE CONDUCTED WITHOUT THE PRESENCE OF A BUCKEYE INSPECTOR.
 - CONTRACTOR SHALL SUBMIT A CONSTRUCTION EQUIPMENT LIST OF BUCKEYE SO THAT THE LOADING CAN BE EVALUATED. IF DETERMINED BY BUCKEYE EARTHEN RAMP, SWAMP MATS, REINFORCED-CONCRETE SLABS, OR STEEL PLATES MAY BE REQUIRED OVER THOSE TEMPORARY CONSTRUCTION CROSSINGS.
 - THE CONTRACTOR SHALL BE CONTINUALLY MONITORING THE CONSTRUCTION INDUCED VIBRATIONS GENERATED WITHIN 300 FEET OF BUCKEYE'S PIPELINE ENSURING THAT THE PARTICLE VELOCITY OF ANY ONE COMPONENT OF A THREE-COMPONENT SEISMOGRAPH DOES NOT EXCEED 2.0 INCHES PER SECOND ON THE SEISMOGRAPH PLACED DIRECTLY OVER THE PIPELINE.
 - NO BLASTING SHALL BE PERFORMED ON THIS SITE.
 - NO SEISMIC VIBRATING OPERATIONS WILL OCCUR ON THIS SITE.



*** THE AS-BUILT SURVEY USED THE FOLLOWING DATUM: ***
 HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301
 VERTICAL DATUM: (NAVD 88) (GEOID 12A)

"AS-BUILT" CERTIFICATION
 AS BUILT INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY FIELD SURVEY IN AUGUST 2018 Field Book #10 Pages 60-105

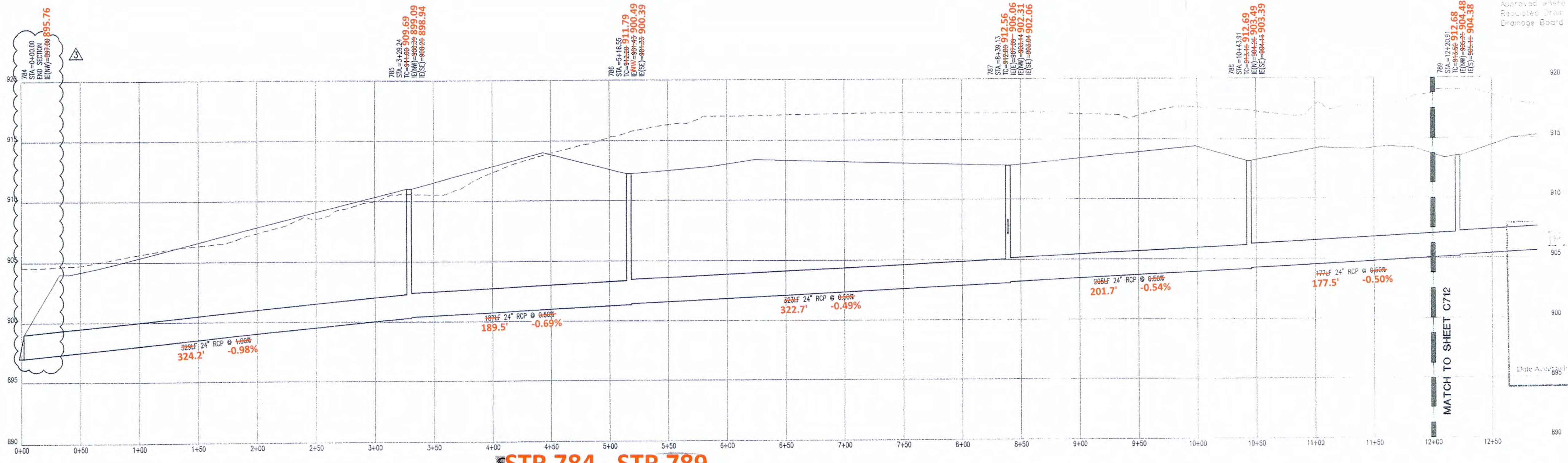
CERTIFIED BY: *Brian K. Ray*
 BRIAN K. RAY, P.S.
 PROFESSIONAL SURVEYOR
 INDIANA LICENSE NO. 20100070
 DATE: 12-9-2019



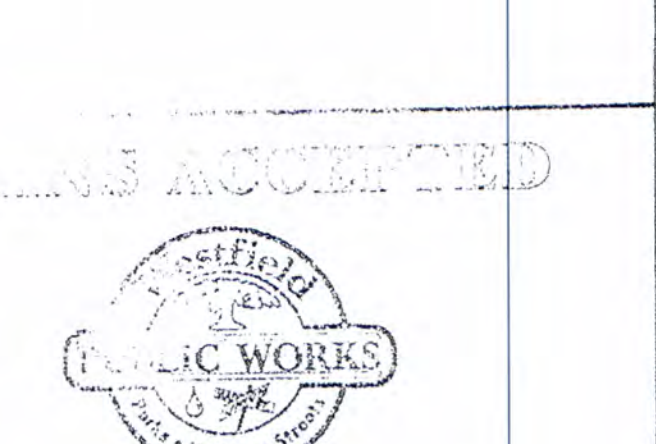
THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT



NOTE: PIPE LENGTHS MEASURED TO CENTERLINE OF STRUCTURE



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



Checked By: SARA FARNY, EI
 Design By: CHRIS WISEMAN, PE
 Quality Assurance: PAULA GARTNER, PE

Date: 06-14-07
 Project Number: 050391-20100

C711
 Scale: 1" = 50'
 Date: 06-14-07
 Project Number: 050391-20100

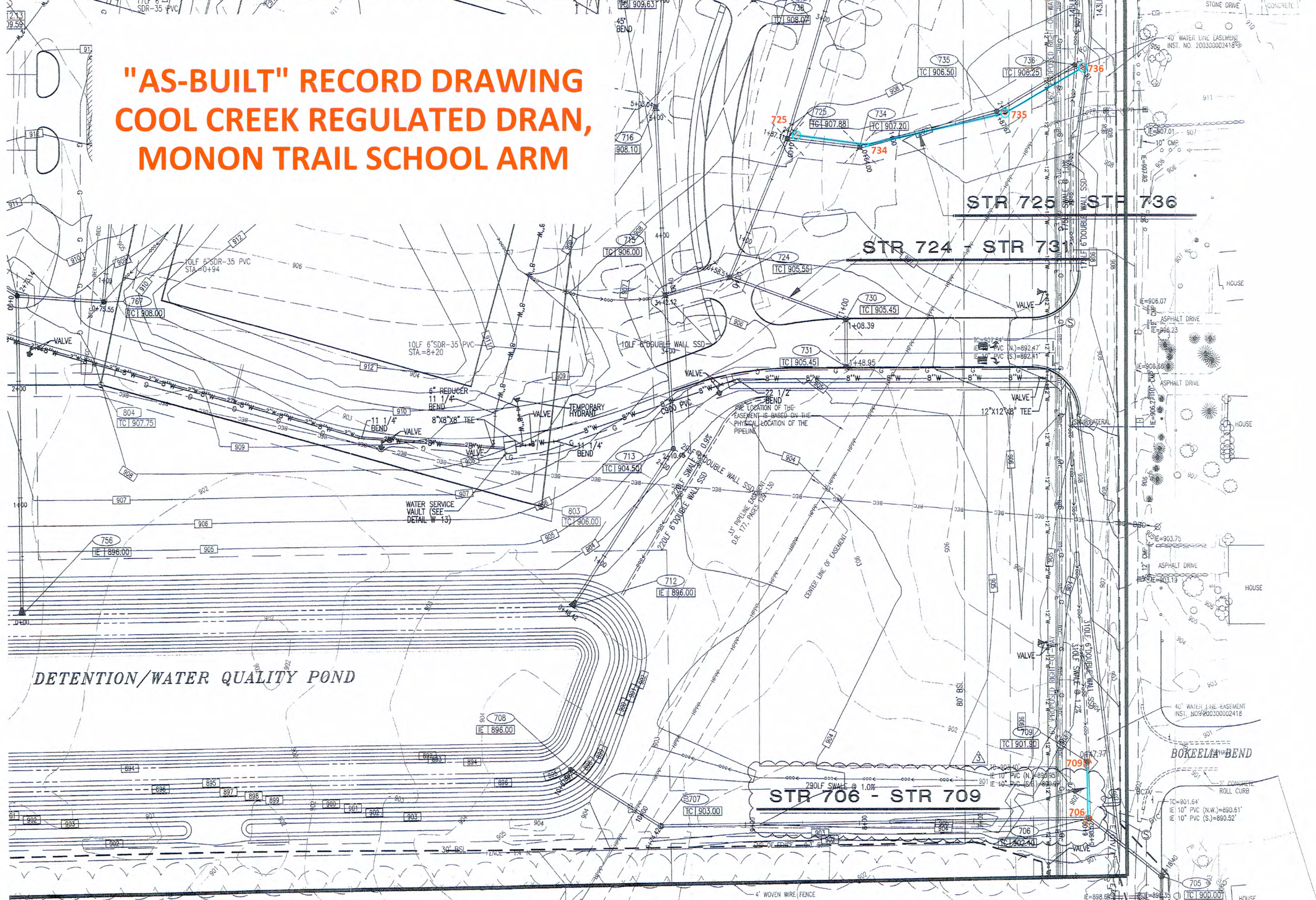
Mark	Description	Agency Comments
10-17-07		

7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 (317) 842-6777 FAX (317) 841-4798
 E-Mail: cripe@cripe.biz



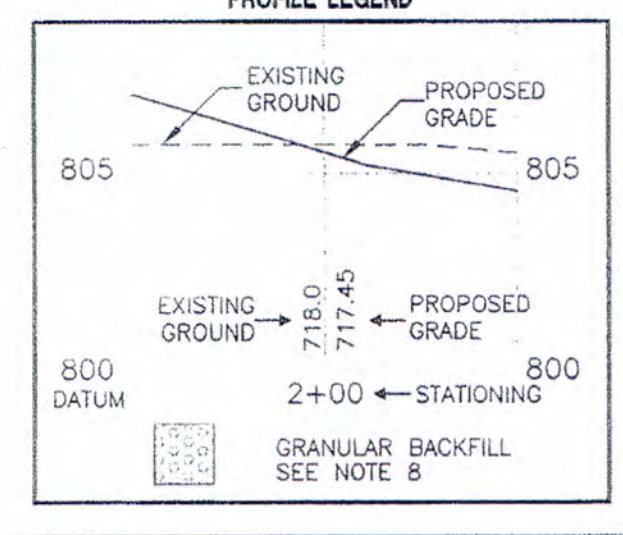
STORM PLAN AND PROFILES
 NEW MONON TRAIL ELEMENTARY SCHOOL AND LIBRARY
 WESTFIELD - WASHINGTON SCHOOLS
 322 WEST MAIN STREET
 WESTFIELD, IN 46074

"AS-BUILT" RECORD DRAWING COOL CREEK REGULATED DRAN, MONON TRAIL SCHOOL ARM

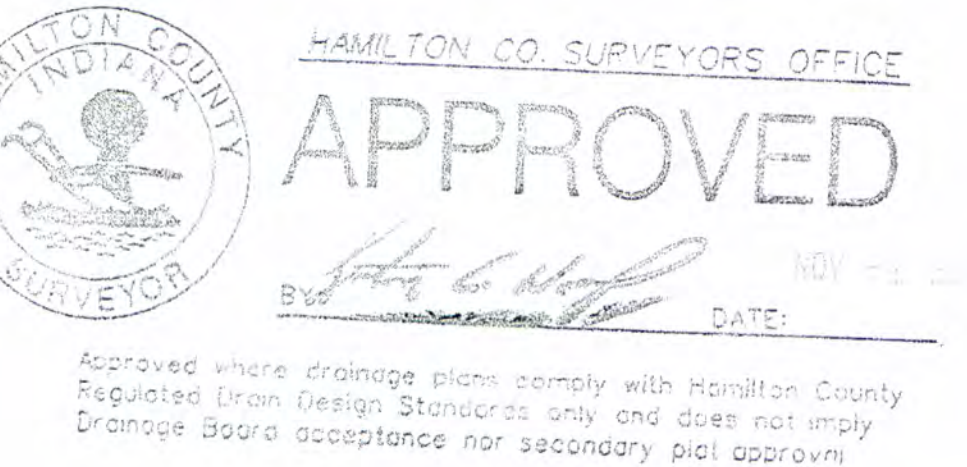


NOTE: PIPE LENGTHS MEASURED TO CENTERLINE OF STRUCTURE

- STORM SEWER PLAN AND PROFILE NOTES**
- 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.
 - IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
 - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS, STEPS AND PIPE CONNECTIONS WELL GROUNDED, TROWELED SMOOTH AND BRUSH FINISHED.
 - ALL STRUCTURES WITH MANHOLES (INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCHWALLS SHALL BE TROWELED SMOOTH AND BRUSH FINISHED.
 - FIELD ADJUSTMENTS OF TOP OF CASTING (T.C.) OF STRUCTURES MAY BE REQUIRED TO MEET FIELD CONDITIONS. ADJUSTMENTS EXCEEDING FIVE TENTHS (0.5) OF A FOOT MUST BE APPROVED BY THE ENGINEER TO DETERMINE THE INTEGRITY OF THE STRUCTURE. AT NO COST TO THE OWNER.
 - STORM STRUCTURES WITH INLET CASTINGS SHALL BE SET TO MAINTAIN A POSITIVE DRAINAGE FLOW INTO THE STRUCTURE.
 - STORM PIPE INVERTS AT OUTLET STRUCTURES (E. END SECTIONS), AND PIPE LENGTHS MAY REQUIRE FIELD ADJUSTMENTS TO MEET ACTUAL FIELD CONDITIONS.
 - FULL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN (5) FEET OF ALL PAVED AREAS, INCLUDING CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
 - PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND INCLUDE END SECTIONS.
 - TOP OF CASTING (T.C.) TO SHALL INDICATE THE ELEVATION THAT WATER WOULD ENTER A STRUCTURE, WHEN A STRUCTURE IS NOT A CURB INLET. TC SHALL INDICATE TOP OF CURB WHEN STRUCTURE IS A CURB INLET.
 - ANY DISCREPANCIES OR CONFLICTS WHICH BECOME APPARENT BEFORE OR DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REVISION MAY OCCUR.
 - NO WORK WITHIN 25' OF BUCKEYE'S PIPELINE, INCLUDING DEMOLITION AND CONSTRUCTION ACTIVITIES, SHALL BE CONDUCTED WITHOUT THE PRESENCE OF A BUCKEYE INSPECTOR.
 - CONTRACTOR SHALL SUBMIT A CONSTRUCTION EQUIPMENT LIST OF BUCKEYE SO THAT THE LOADING CAN BE EVALUATED. IF DETERMINED BY BUCKEYE EARTHEN RAMPS, SWAMP MATS, REINFORCED CONCRETE SLABS, OR STEEL PLATES MAY BE REQUIRED OVER THOSE TEMPORARY CONSTRUCTION CROSSINGS.
 - THE CONTRACTOR SHALL BE CONTINUALLY MONITORING THE CONSTRUCTION INDUCED VIBRATIONS GENERATED WITHIN 300 FEET OF BUCKEYE'S PIPELINE ENSURING THAT THE PARTICLE VELOCITY OF ANY ONE COMPONENT OF A THREE-COMPONENT SEISMOGRAPH DOES NOT EXCEED 2.0 INCHES PER SECOND ON THE SEISMOGRAPH PLACED DIRECTLY OVER THE PIPELINE.
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 - NO SEISMIC VIBRATING OPERATIONS WILL OCCUR ON THIS SITE.



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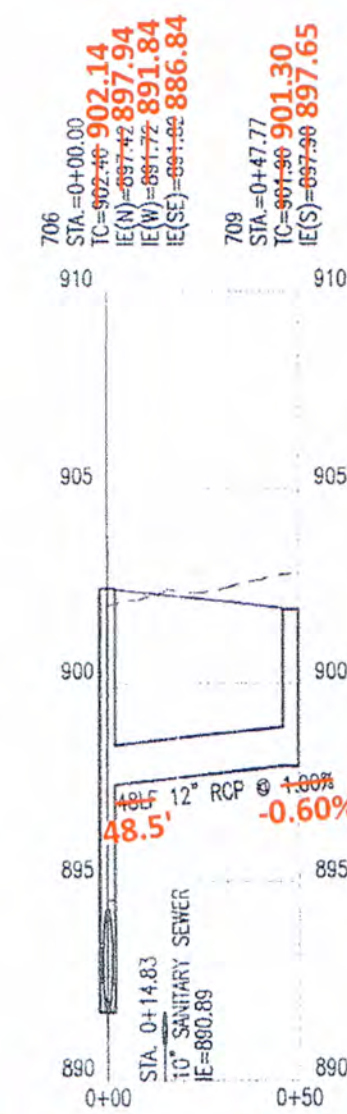
"AS-BUILT" CERTIFICATION
"AS BUILT" INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY FIELD SURVEY IN AUGUST 2018 Field Book #10 Pages 60-105

CERTIFIED BY: *B.K.R.*
BRIAN K. RAY, P.S.
PROFESSIONAL SURVEYOR
INDIANA LICENSE NO. 20100070
DATE: 12-9-2019

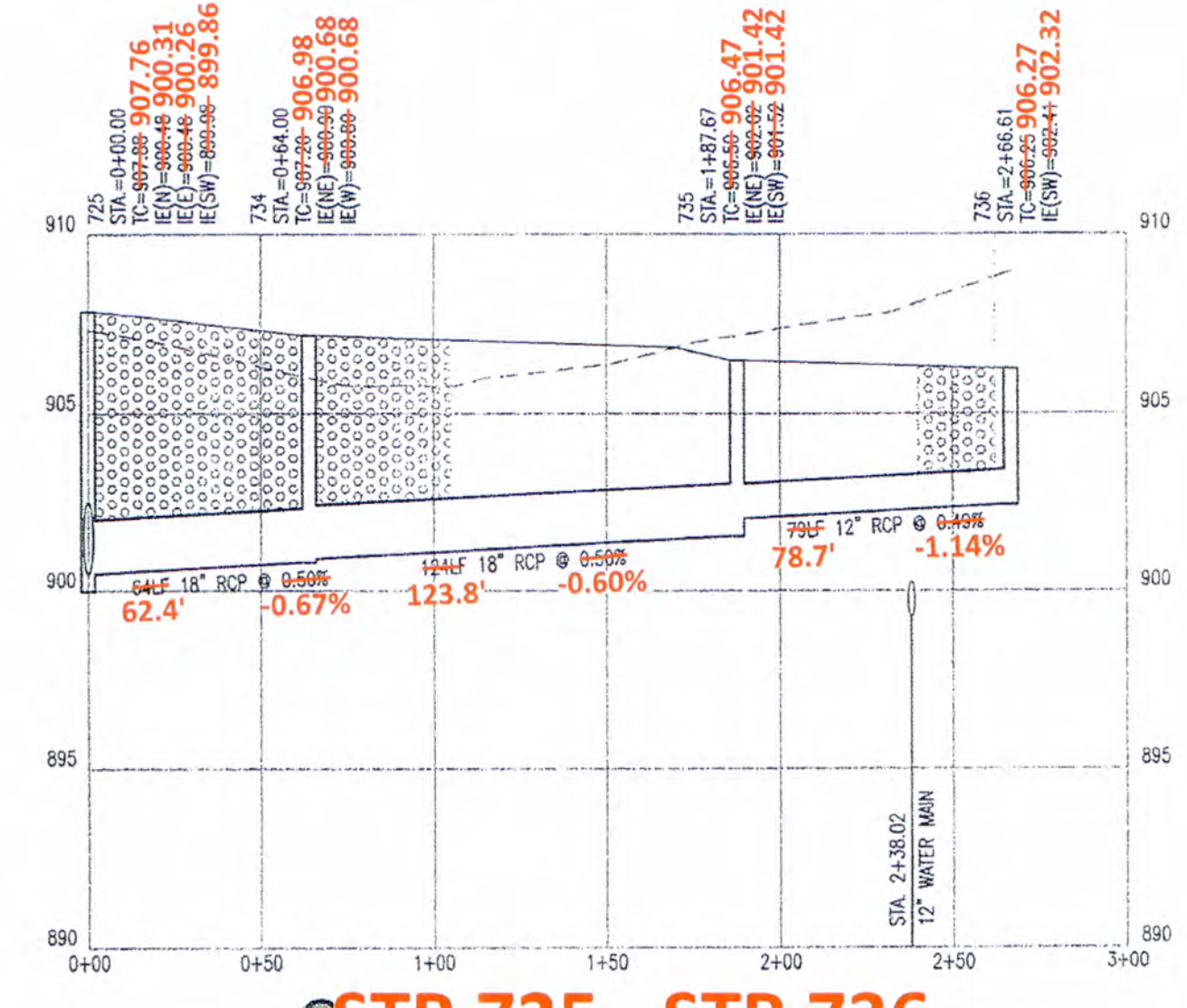


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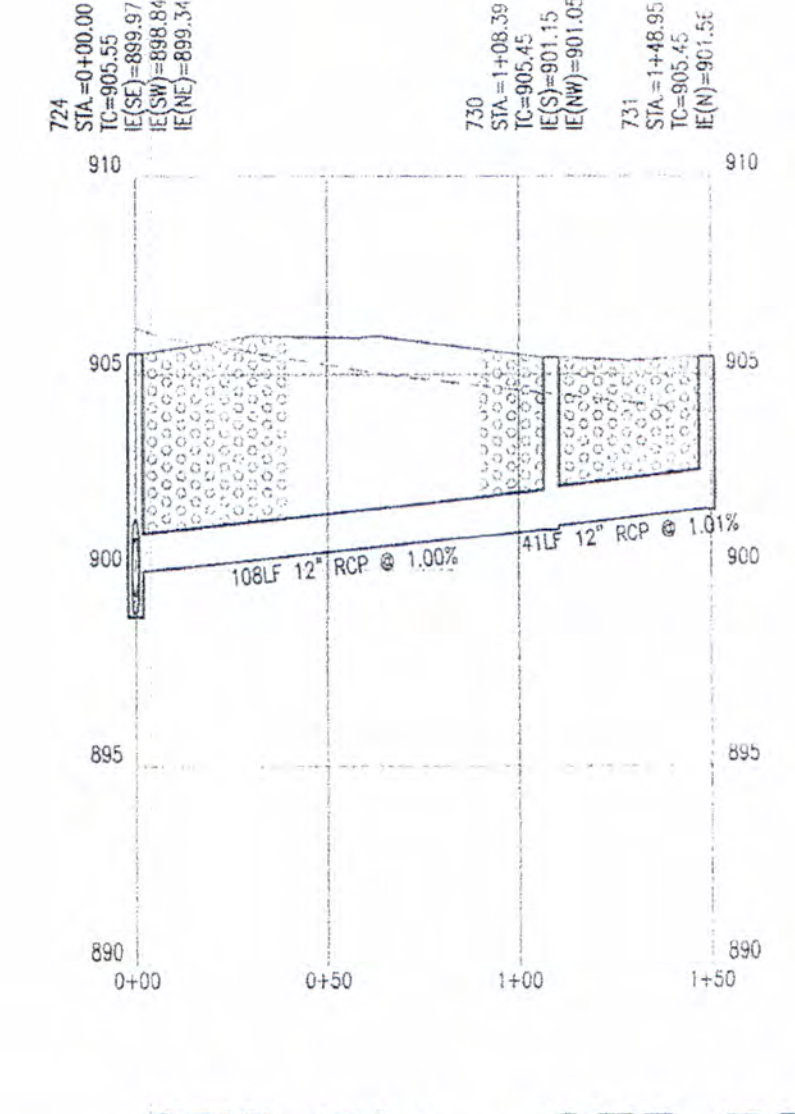
DATE ACCEPTED: 11/10/19
ACCEPTED BY: *[Signature]*



STR 706 - STR 709
HOR. SCALE: 1" = 50'
VERT. SCALE: 1" = 5'



STR 725 - STR 736
HOR. SCALE: 1" = 50'
VERT. SCALE: 1" = 5'



STR 724 - STR 731
HOR. SCALE: 1" = 50'
VERT. SCALE: 1" = 5'

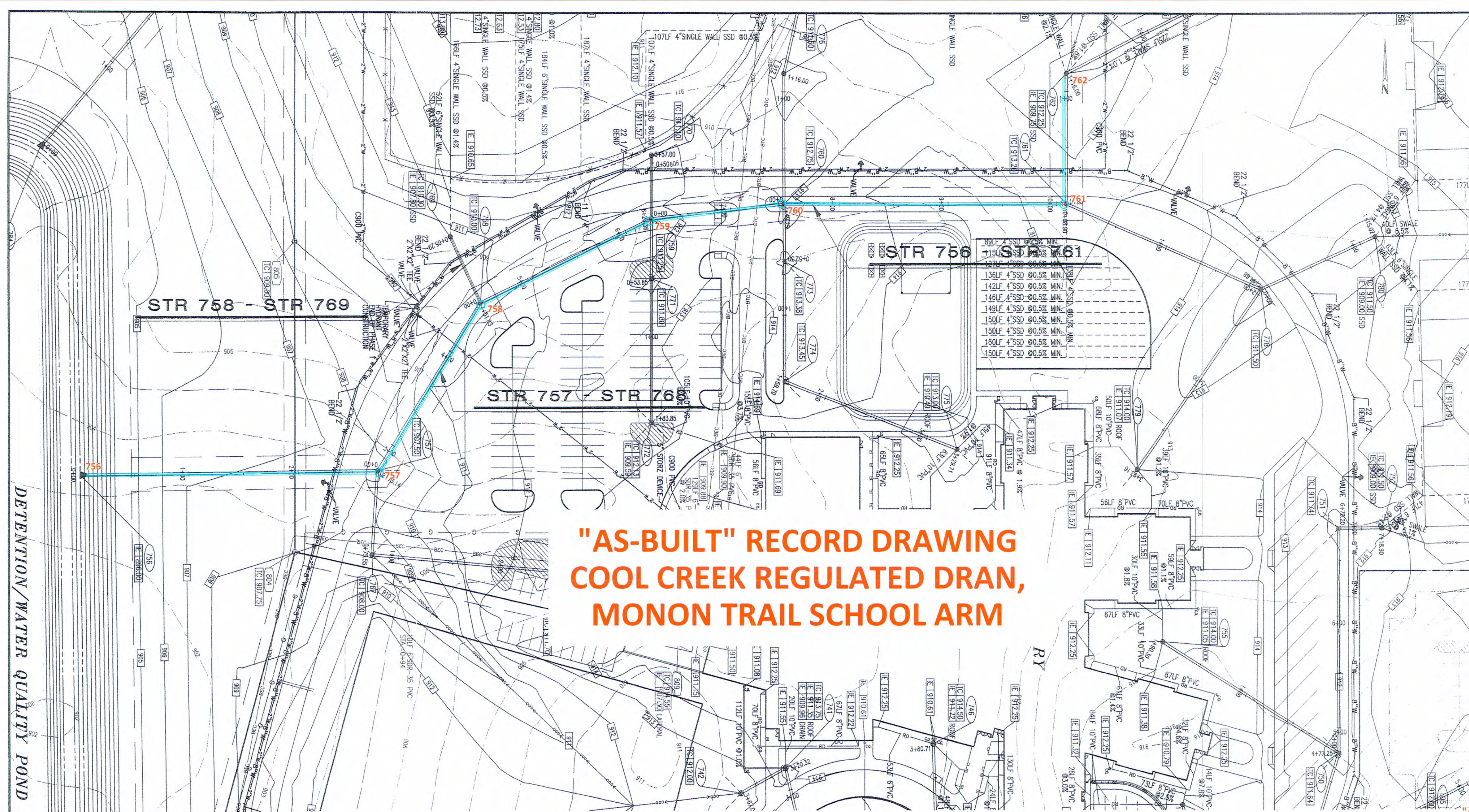
STORM PLAN AND PROFILES
NEW MONON TRAIL ELEMENTARY SCHOOL AND LIBRARY
WESTFIELD - WASHINGTON SCHOOLS
322 WEST MAIN STREET
WESTFIELD, IN 46074

Drawn By: SARA FARNY, EI
Checked By: CHRIS WISEMAN, PE
Quality Assurance: PAULA GARTNER, PE
Scale: 1" = 50'
Sheet: C702
Date: 06-14-07
Project Number: 050391-20100

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INDIANAPOLIS, INDIANA 46250
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E-Mail: cripe@cripe.biz

Revision	Description	Date	BY	CHK
10-17-07	AGENCY COMMENTS			
10-12-07	AGENCY COMMENTS			

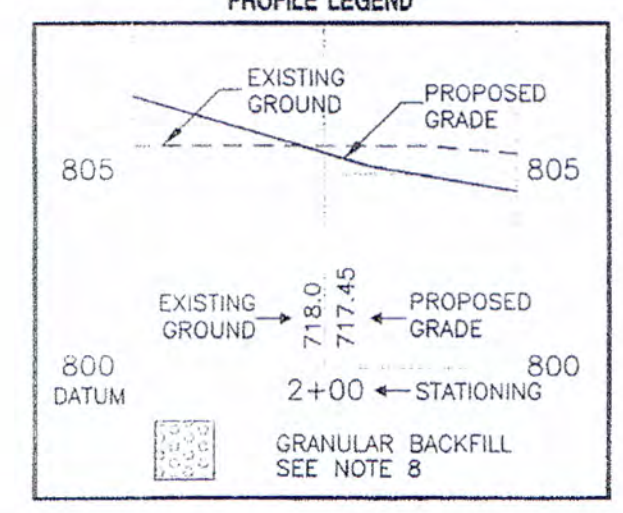
DEFENTION/WATER QUALITY POND



"AS-BUILT" RECORD DRAWING COOL CREEK REGULATED DRAN, MONON TRAIL SCHOOL ARM

NOTE: PIPE LENGTHS MEASURED TO CENTERLINE OF STRUCTURE

- STORM SEWER PLAN AND PROFILE NOTES**
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 - IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A FRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
 - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS, STEPS AND PIPE CONNECTIONS WELL-GROUTED, TROWELED SMOOTH AND BRUSH FINISHED.
 - ALL STRUCTURES (IE: MANHOLES, INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND BRUSH FINISHED.
 - FIELD ADJUSTMENTS OF TOP OF CASTING (TIC) OF STRUCTURES MAY BE REQUIRED TO MEET FIELD CONDITIONS. ADJUSTMENTS EXCEEDING THE TOLERANCE (TOL) OF 4 FEET MUST BE APPROVED BY THE ENGINEER TO DETERMINE THE INTEGRITY OF THE STRUCTURE. AT NO COST TO THE OWNER.
 - STORM STRUCTURES WITH INLET CASTINGS SHALL BE SET TO MAINTAIN A POSITIVE DRAINAGE FLOW INTO THE STRUCTURE.
 - STORM PIPE INVERTS AT OUTLET STRUCTURES (IE: END SECTIONS), AND PIPE LENGTHS MAY REQUIRE FIELD ADJUSTMENTS TO MEET ACTUAL FIELD CONDITIONS.
 - FULL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN (5) FEET OF ALL PAVED AREAS, INCLUDING CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
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 - TOP OF CASTING (TIC) SHALL INDICATE THE ELEVATION THAT WATER WOULD ENTER A STRUCTURE. WHEN A STRUCTURE IS NOT A CURB INLET, TIC SHALL INDICATE TOP OF CURB WHEN STRUCTURE IS A CURB INLET.
 - ANY DISCREPANCIES OR CONFLICTS WHICH BECOME APPARENT BEFORE OR DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REVISION MAY OCCUR.
 - NO WORK WITHIN 25' OF BUCKEYE'S PIPELINE, INCLUDING DEMOLITION AND CONSTRUCTION ACTIVITIES, SHALL BE CONDUCTED WITHOUT THE PRESENCE OF A BUCKEYE INSPECTOR.
 - CONTRACTOR SHALL SUBMIT A CONSTRUCTION EQUIPMENT LIST OF BUCKEYE SO THAT THE LOADING CAN BE EVALUATED. IF DETERMINED BY BUCKEYE EARTHEN RAMPS, SWAMP MATS, REINFORCED-CONCRETE SUBS OR STEEL PLATES MAY BE REQUIRED OVER THESE TEMPORARY CONSTRUCTION CROSSINGS.
 - THE CONTRACTOR SHALL BE CONTINUALLY MONITORING THE CONSTRUCTION INDUCED VIBRATIONS GENERATED WITHIN 300 FEET OF BUCKEYE'S PIPELINE ENSURING THAT THE PARTICLE VELOCITY OF ANY ONE COMPONENT OF A THREE-COMPONENT SEISMOGRAPH DOES NOT EXCEED 2.0 INCHES PER SECOND (IN) ON THE SEISMOGRAPH PLACED DIRECTLY OVER THE PIPELINE.
 - NO BLASTING SHALL BE PERFORMED ON THIS SITE.
 - NO SEISMIC VIBRATING OPERATIONS WILL OCCUR ON THIS SITE.



*** THE AS-BUILT SURVEY USED THE FOLLOWING DATUM. ***
 HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301
 VERTICAL DATUM: (NAVD 88) (GEOID 12A)

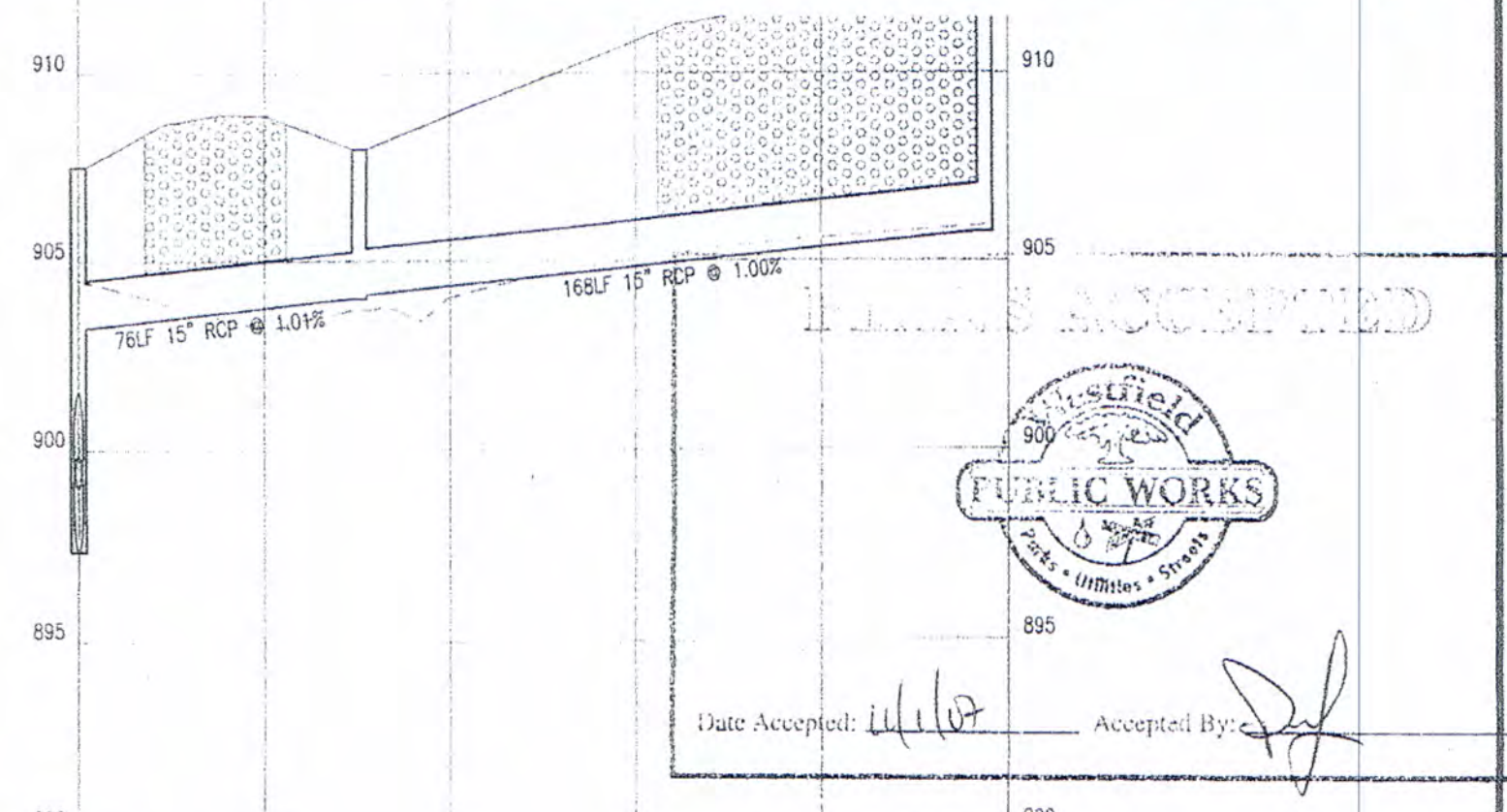
"AS-BUILT" CERTIFICATION
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HOR. SCALE: 1" = 50'
 VERT. SCALE: 1" = 5'

CERTIFIED BY: *Brian K. Ray*
 BRIAN K. RAY, P.S.
 PROFESSIONAL SURVEYOR
 INDIANA LICENSE NO. 20100070
 DATE: 12-9-2019

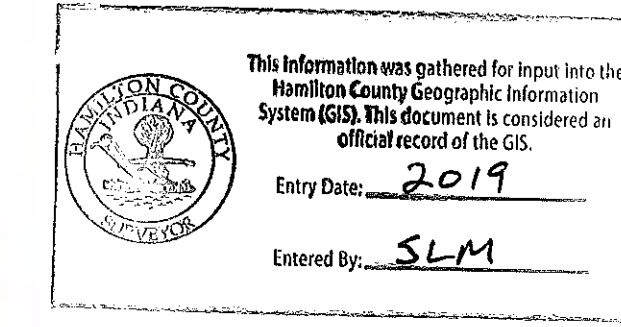


THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT



STR 757 - STR 768

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



756 STA=4140.00 TIC=898.00 E(N)=896.60 E(S)=895.78
 757 STA=2123.14 TIC=896.25 E(N)=894.88 E(S)=896.83
 758 STA=4451.83 TIC=896.44 E(N)=900.04 E(S)=899.94
 759 STA=4451.83 TIC=896.21 E(N)=901.56 E(S)=901.41
 760 STA=2440.35 TIC=897.53 E(N)=902.53 E(S)=902.48
 761 STA=10408.00 TIC=904.05 E(N)=903.95 E(S)=905.90

STR 756 - STR 761

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

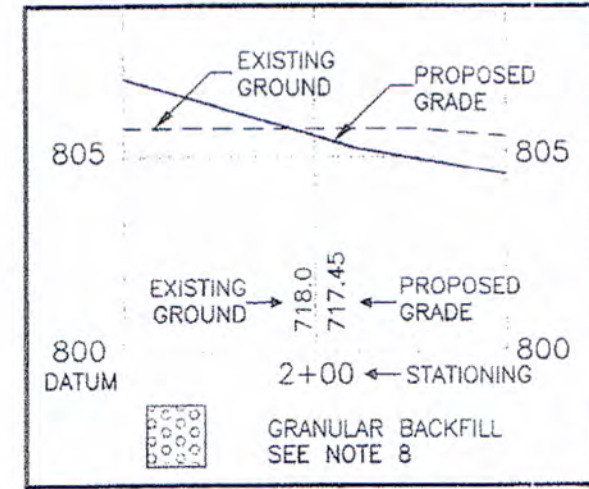
Cripe
 Architects + Engineers
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 INDIANAPOLIS, INDIANA 46250
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STORM PLAN AND PROFILES
 NEW MONON TRAIL ELEMENTARY SCHOOL AND LIBRARY
 WESTFIELD - WASHINGTON SCHOOLS
 322 WEST MAIN STREET
 WESTFIELD, IN 46074

Drawn By: SARA FARNY, EI
 Checked By: CHRIS WISEMAN, PE
 Quality Assurance: PAULA GARTNER, PE
 Date: 06-14-07
 Project Number: 050391-20100
C707

- STORM SEWER PLAN AND PROFILE NOTES:**
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 - THE CONTRACTOR SHALL BE CONTINUALLY MONITORING THE CONSTRUCTION INDUCED VIBRATIONS GENERATED WITHIN 300 FEET OF BUCKEYE'S PIPELINE ENSURING THAT THE PARTICLE VELOCITY OF ANY ONE COMPONENT OF A THREE-COMPONENT SEISMOGRAPH DOES NOT EXCEED 2.0 INCHES PER SECOND ON THE SEISMOGRAPH PLACED DIRECTLY OVER THE PIPELINE.
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PROFILE LEGEND



**"AS-BUILT" RECORD DRAWING
COOL CREEK REGULATED DRAIN,
MONON TRAIL SCHOOL ARM**

NOTE: PIPE LENGTHS MEASURED TO CENTERLINE OF STRUCTURE

*** THE AS-BUILT SURVEY USED THE FOLLOWING DATUM: ***
HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301
VERTICAL DATUM: (NAVD 88) (GEOID 12A)

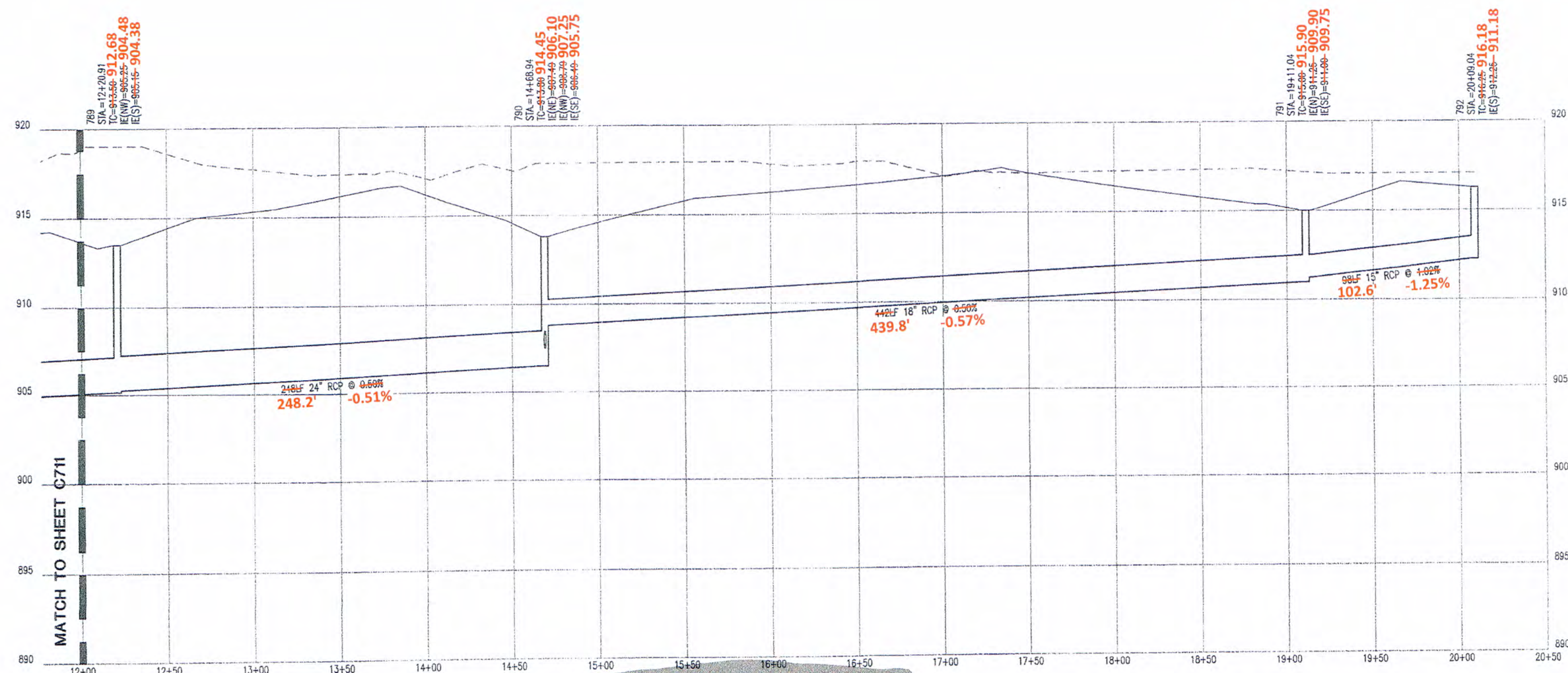
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CERTIFIED BY: *Brian K. Rayl*
BRIAN K. RAYL, PS
PROFESSIONAL SURVEYOR
INDIANA LICENSE NO. 20100070

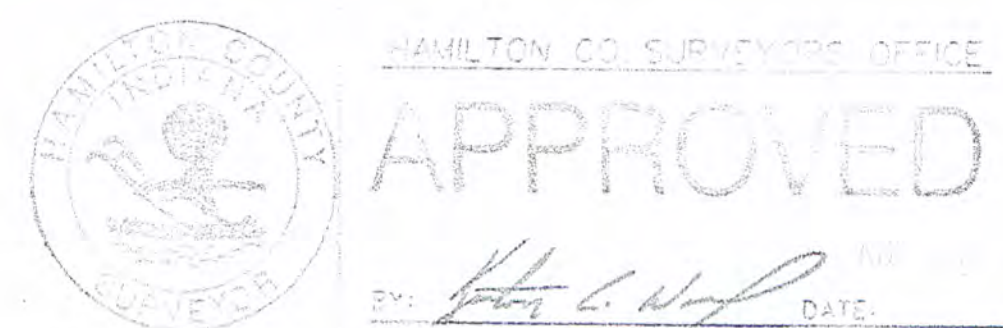
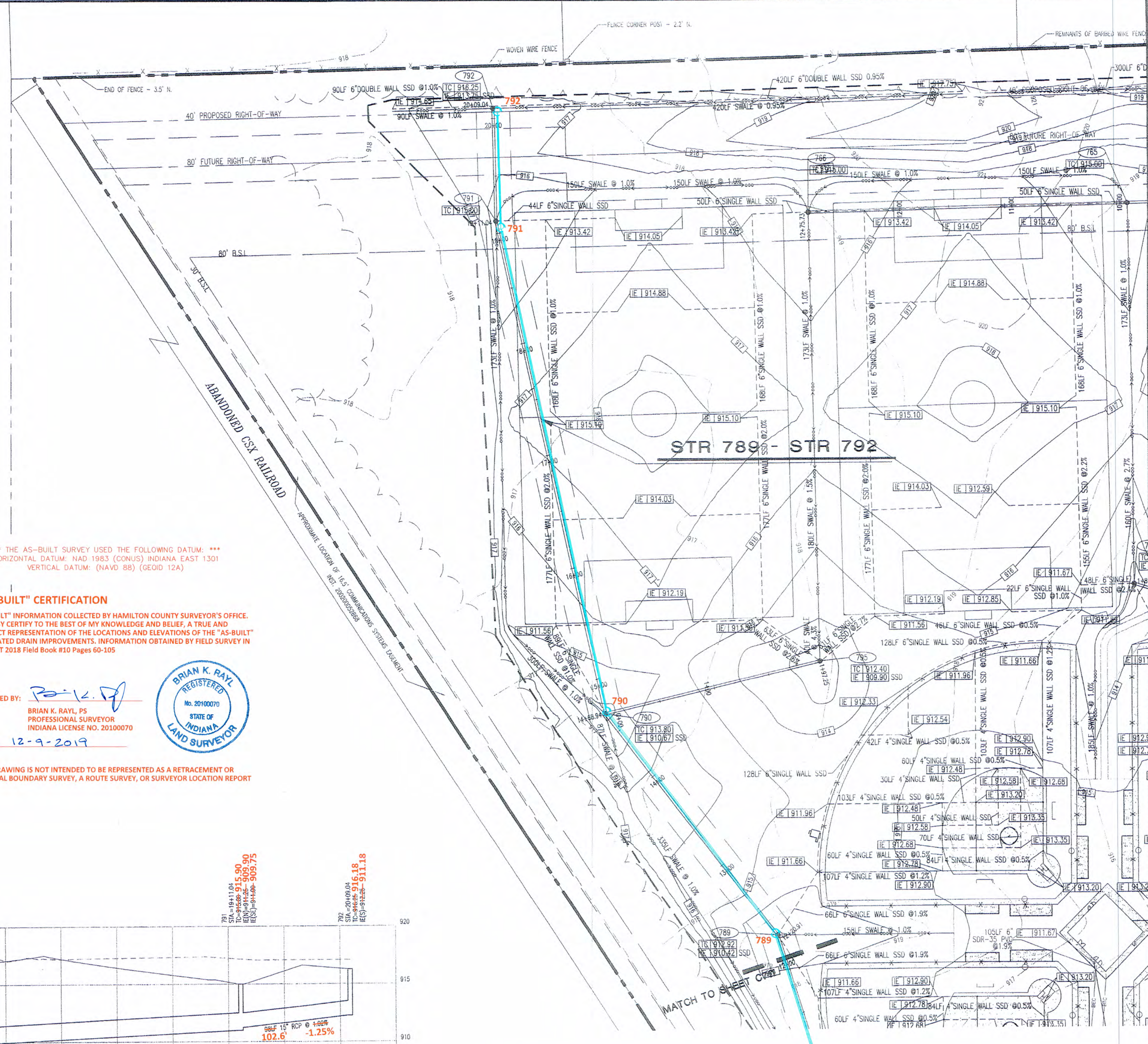


DATE: 12-9-2019
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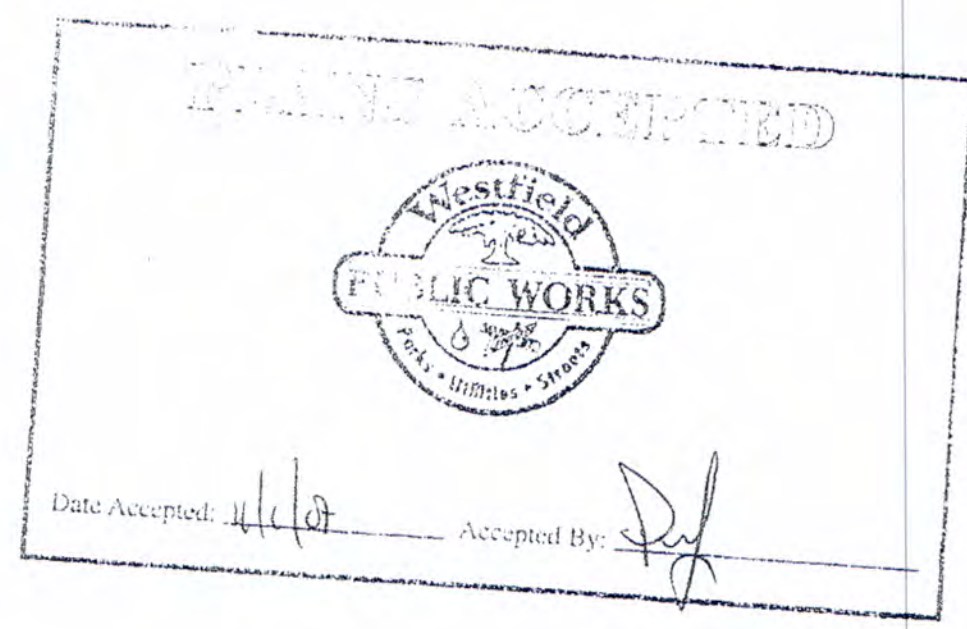
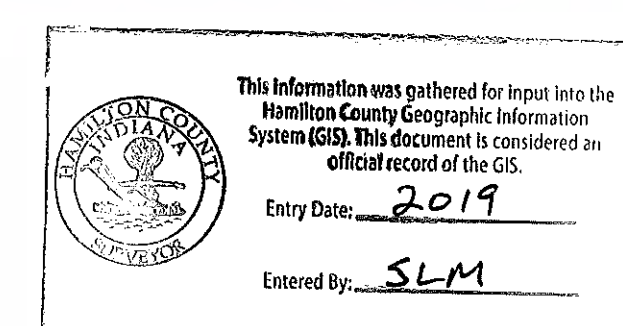


STR 789 - STR 792

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



Approved where it appears to comply with Hamilton County Requested Drain Design Specifications and does not imply Drainage Board acceptance nor secondary plan approval.



STORM PLAN AND PROFILES
NEW MONON TRAIL ELEMENTARY SCHOOL AND LIBRARY
WESTFIELD-WASHINGTON SCHOOLS
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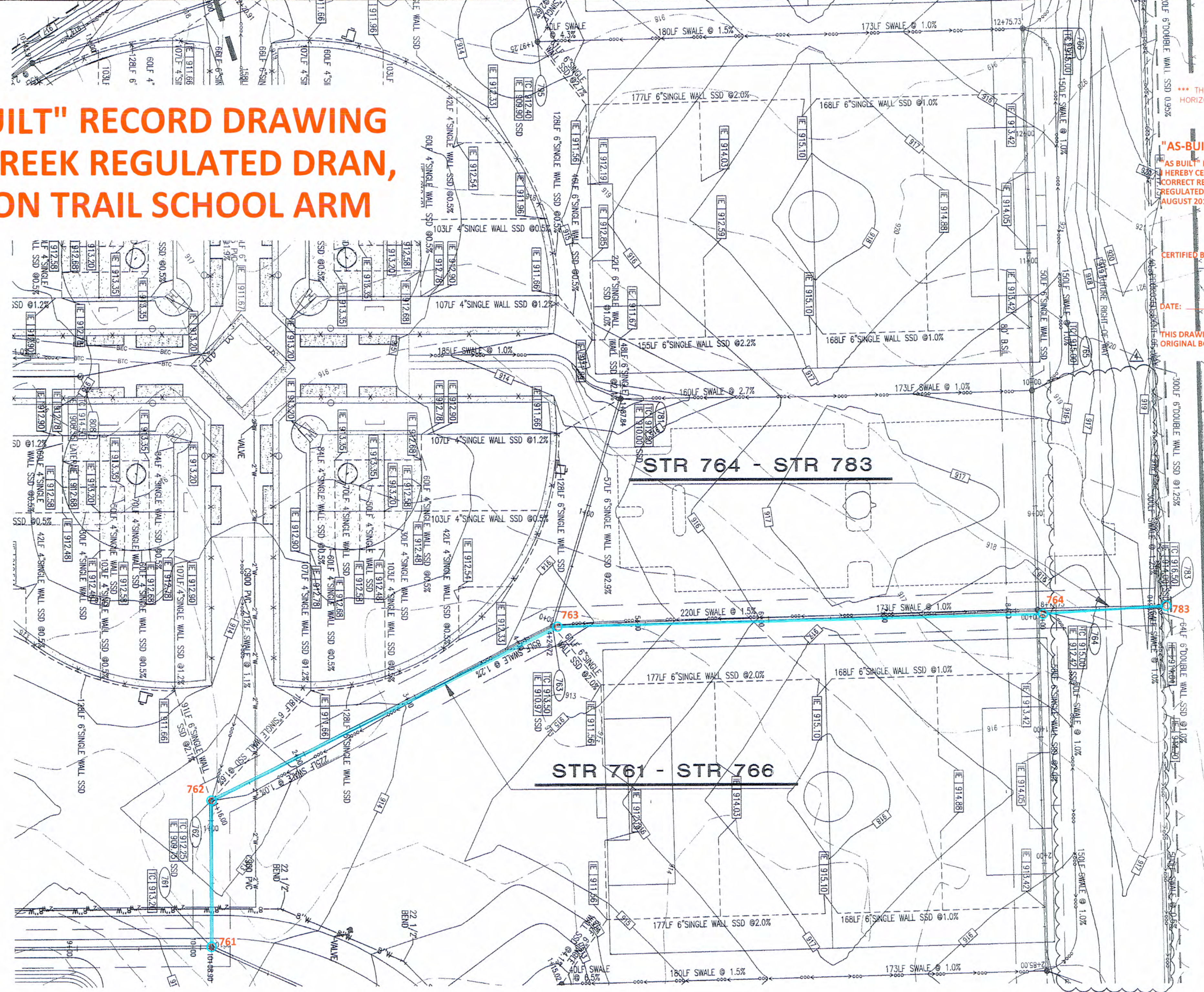
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Drawn By: SARA FARNY, EI
Checked By: CHRIS WISEMAN, PE
Quality Assurance: PAULA GARTNER, PE

Scale: 0" = 50'
Sheet: C712
Date: 06-14-07
Project Number: 050391-20100

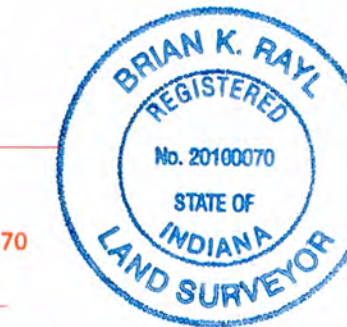
"AS-BUILT" RECORD DRAWING COOL CREEK REGULATED DRAIN, MONON TRAIL SCHOOL ARM



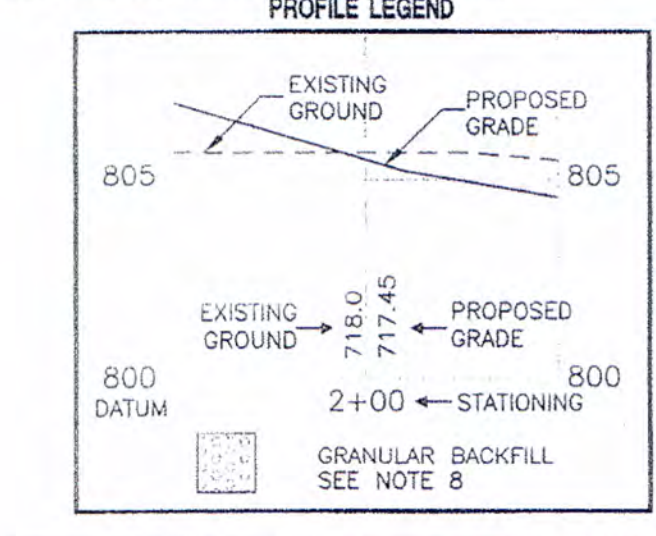
"AS-BUILT" CERTIFICATION
 "AS-BUILT" INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY FIELD SURVEY IN AUGUST 2018 Field Book #10 Pages 60-105

CERTIFIED BY: *Brian K. RAYL*
 BRIAN K. RAYL, P.S.
 PROFESSIONAL SURVEYOR
 INDIANA LICENSE NO. 20100070
 DATE: 12-9-2019

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT



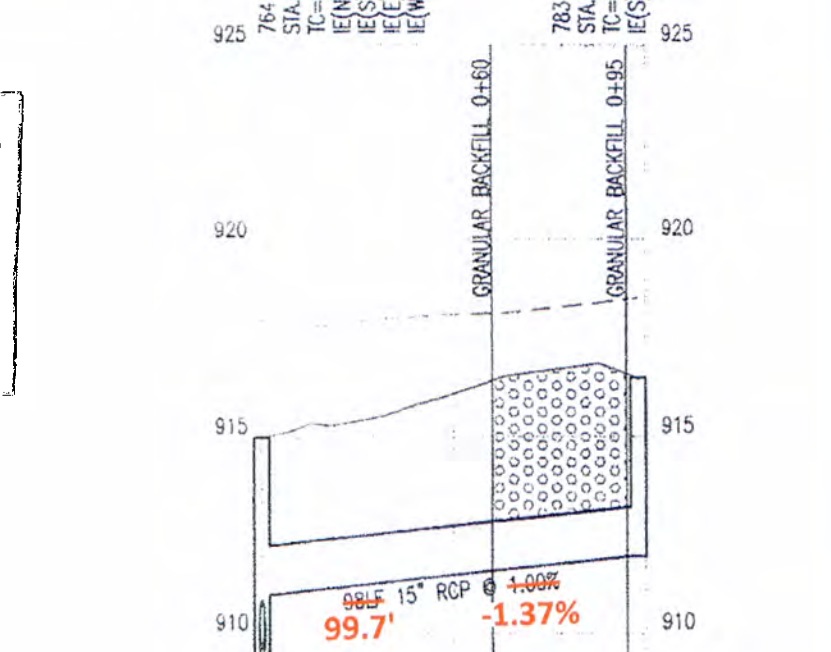
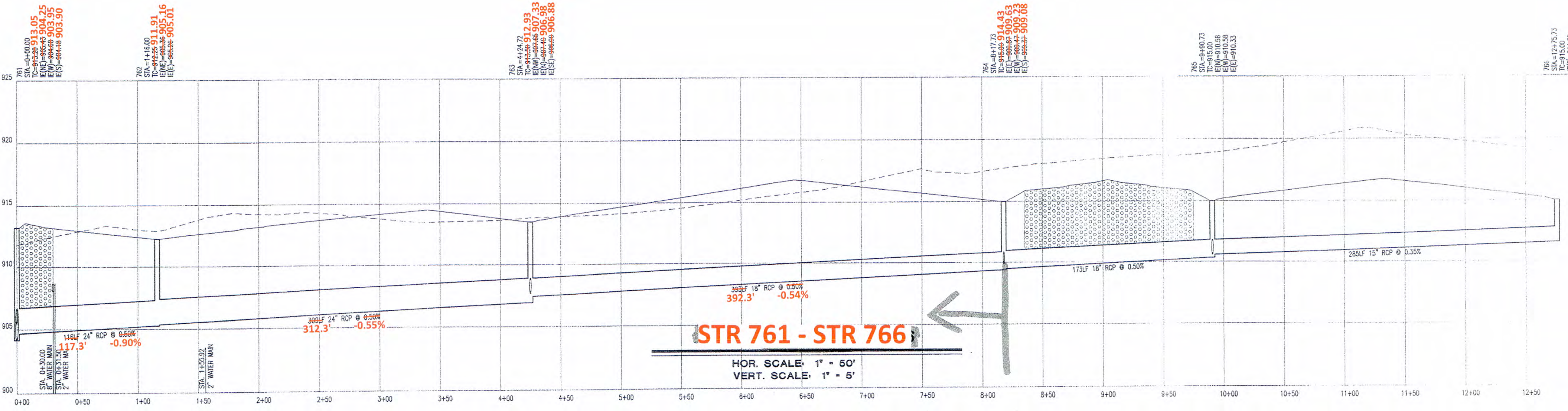
- STORM SEWER PLAN AND PROFILE NOTES:**
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS, FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
 - IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
 - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS, STEPS AND PIPE CONNECTIONS WELL GROUTED, TROWEL SMOOTH AND BRUSH FINISHED.
 - ALL STRUCTURES (IE MANHOLES, INLETS) SHALL HAVE FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWEL SMOOTH AND BRUSH FINISHED.
 - FIELD ADJUSTMENTS OF TOP OF CASTING (T.C.) OF STRUCTURES MAY BE REQUIRED TO MEET FIELD CONDITIONS. ADJUSTMENTS EXCEEDING FIVE TENTHS (0.5) OF A FOOT MUST BE APPROVED BY THE ENGINEER TO DETERMINE THE INTEGRITY OF THE STRUCTURE. AT NO COST TO THE OWNER.
 - STORM STRUCTURES WITH INLET CASTINGS SHALL BE SET TO MAINTAIN A POSITIVE DRAINAGE FLOW INTO THE STRUCTURE.
 - STORM PIPE INVERTS AT OUTLET STRUCTURES (IE END SECTIONS), AND PIPE LENGTHS MAY REQUIRE FIELD ADJUSTMENTS TO MEET ACTUAL FIELD CONDITIONS.
 - BACKFILL SHALL BE REQUIRED UNDER AND WITHIN (5) FEET OF ALL PAVED AREAS, INCLUDING CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
 - PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND INCLUDE END SECTIONS.
 - TOP OF CASTING (T.C.) SHALL INDICATE THE ELEVATION THAT WATER WOULD ENTER A STRUCTURE, WHEN A STRUCTURE IS NOT A CURB INLET. T.C. SHALL INDICATE TOP OF CURB WHEN STRUCTURE IS A CURB INLET.
 - ANY DISCREPANCIES OR CONFLICTS WHICH BECOME APPARENT BEFORE OR DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
 - NO WORK WITHIN 25' OF BUCKEYE'S PIPELINE, INCLUDING DEMOLITION AND CONSTRUCTION ACTIVITIES, SHALL BE CONDUCTED WITHOUT THE PRESENCE OF A BUCKEYE INSPECTOR.
 - CONTRACTOR SHALL SUBMIT A CONSTRUCTION EQUIPMENT LIST OF BUCKEYE SO THAT THE LISTING CAN BE EVALUATED. IF DETERMINED BY BUCKEYE EXISTING RAMPS, SWAMP MATS, REINFORCED CONCRETE SLABS, OR STEEL PLATES MAY BE REQUIRED OVER THOSE TEMPORARY CONSTRUCTION CROSSINGS.
 - THE CONTRACTOR SHALL BE CONTINUALLY MONITORING THE CONSTRUCTION INDUCED VIBRATIONS GENERATED WITHIN 300 FEET OF BUCKEYE'S PIPELINE ENSURING THAT THE PARTICLE VELOCITY OF ANY ONE COMPONENT OF A THREE-COMPONENT SEISMOGRAPH DOES NOT EXCEED 2.0 INCHES PER SECOND ON THE SEISMOGRAPH PLACED DIRECTLY OVER THE PIPELINE.
 - NO BLASTING SHALL BE PERFORMED ON THIS SITE.
 - NO SEISMIC VIBRATING OPERATIONS WILL OCCUR ON THIS SITE.



HAMILTON CO. SURVEYORS OFFICE
APPROVED
 DATE: 12-9-2019

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 Entry Date: 2019
 Entered By: SLM

NOTE: PIPE LENGTHS MEASURED TO CENTERLINE OF STRUCTURE



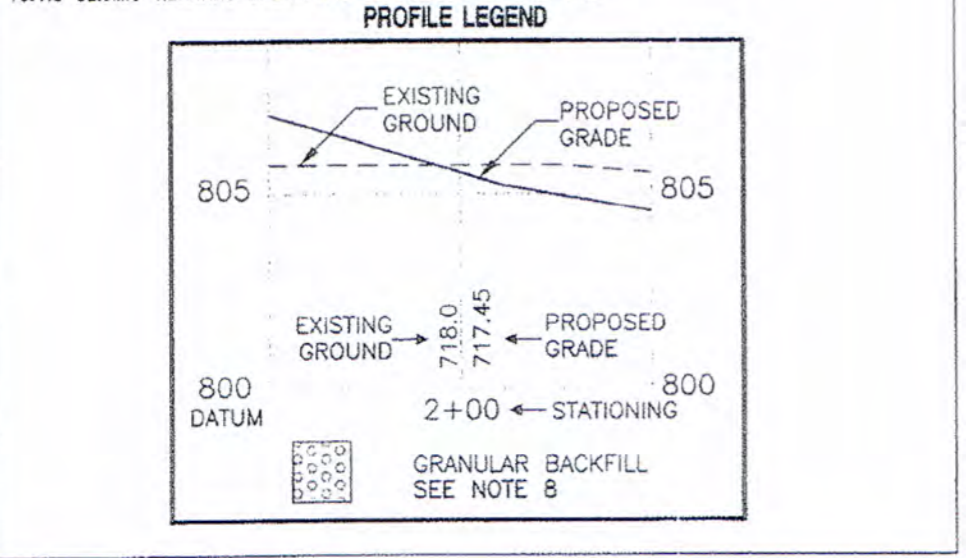
STR 764 - STR 783
 HOR. SCALE: 1" = 50'
 VERT. SCALE: 1" = 5'
 WESTFIELD PUBLIC WORKS
 Date Accepted: *12/9/19* Accepted By: *SLM*

STORM PLAN AND PROFILES
 NEW MONON TRAIL ELEMENTARY SCHOOL AND LIBRARY
 WESTFIELD - WASHINGTON SCHOOLS
 322 WEST MAIN STREET
 WESTFIELD, IN 46074

Cripe
 Architects + Engineers
 7172 GRAHAM ROAD
 INDIANAPOLIS, IN 46226
 (317) 842-4777 FAX (317) 841-4776
 E-Mail: cripe@cripe.biz

Project Number: 050391-20100
 Date: 06-14-07
 Sheet: C708

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NOTE: PIPE LENGTHS MEASURED TO CENTERLINE OF STRUCTURE

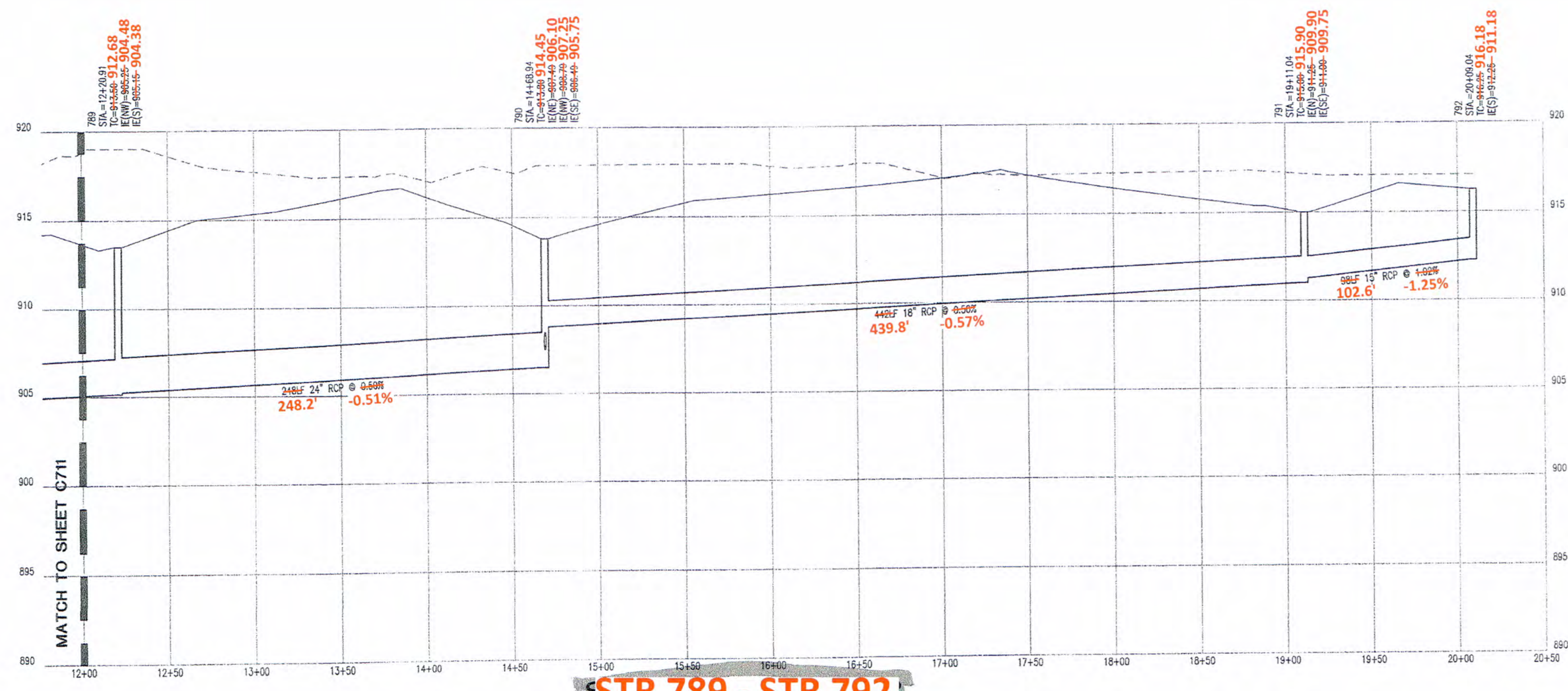
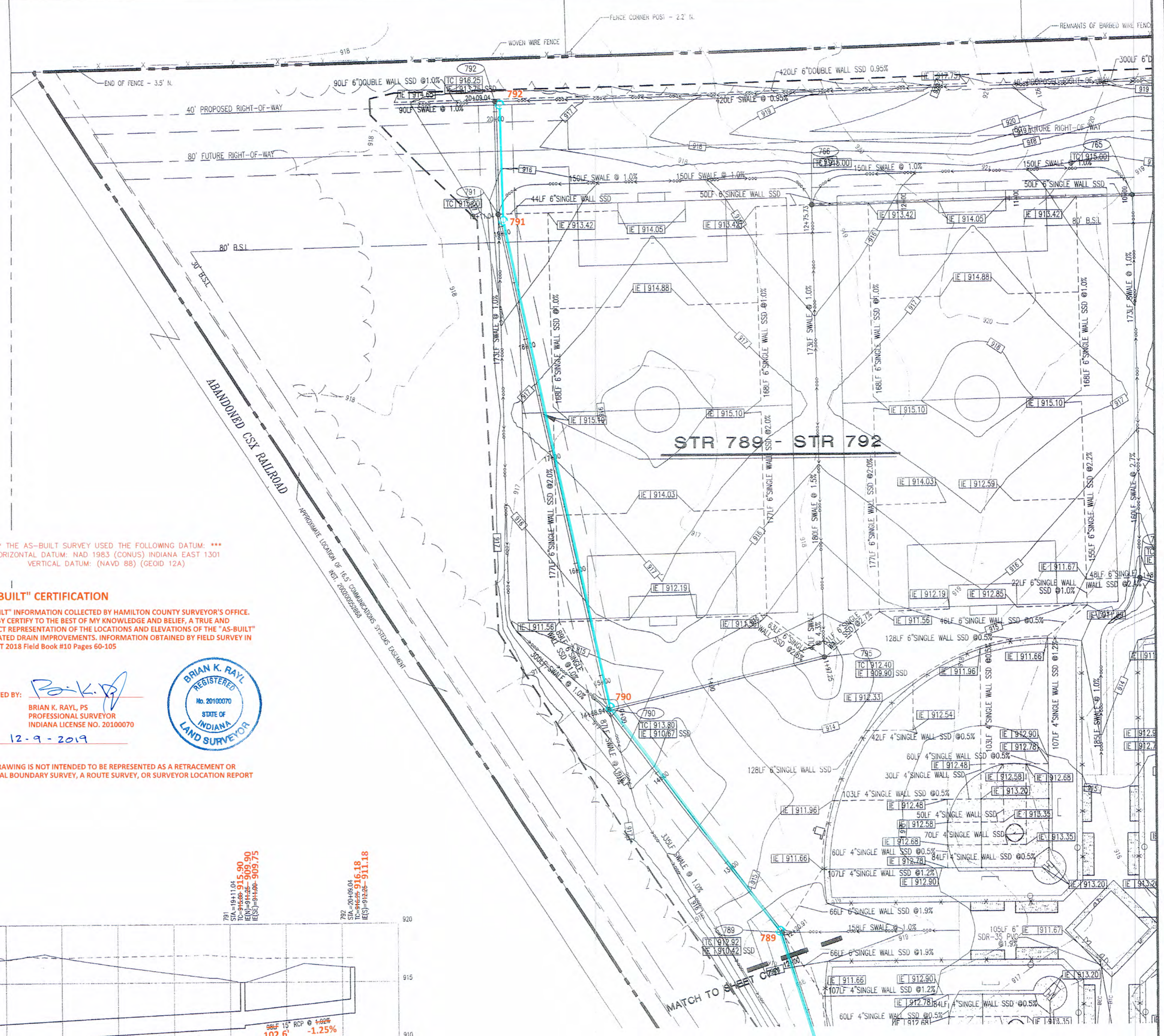
*** THE AS-BUILT SURVEY USED THE FOLLOWING DATUM: ***
HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301
VERTICAL DATUM: (NAVD 88) (GEOID 12A)

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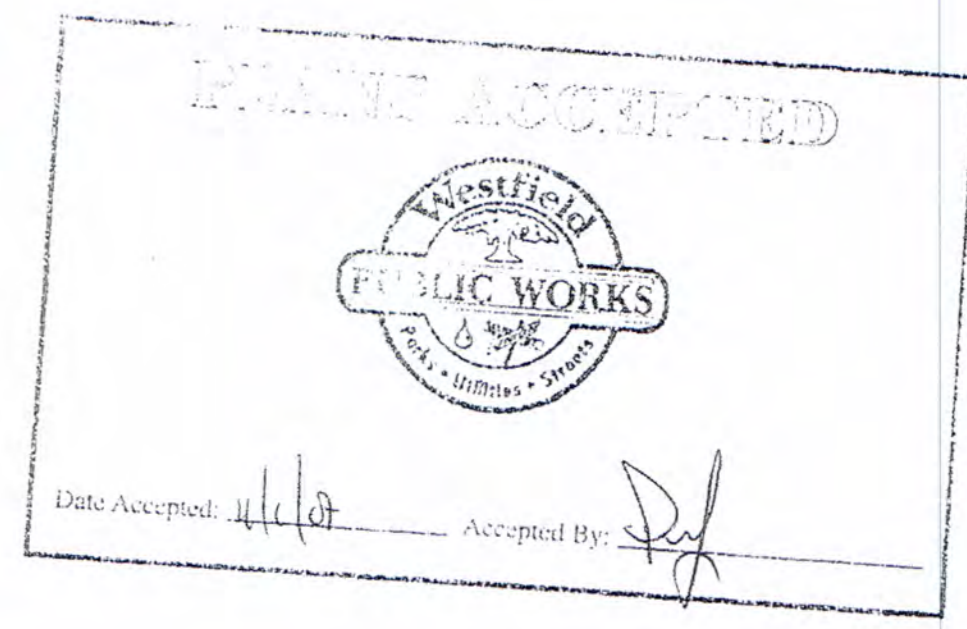
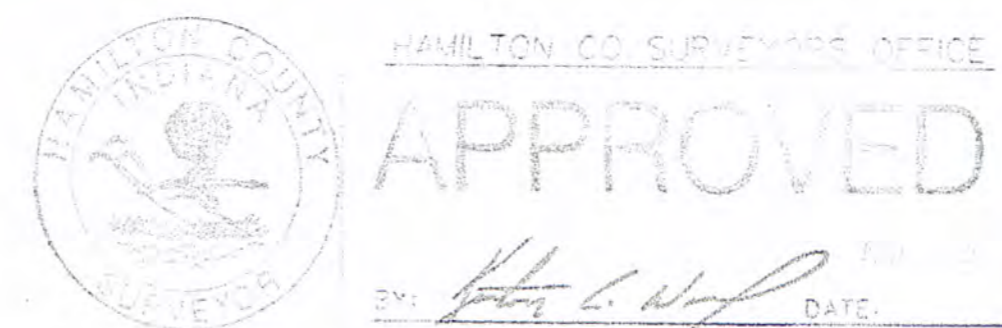
CERTIFIED BY:
BRIAN K. RAYL, PS
PROFESSIONAL SURVEYOR
INDIANA LICENSE NO. 20100070
DATE: 12-9-2019



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Storm Plan and Profiles
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(317) 842-6777 FAX (317) 841-4798
E-Mail: cripe@cripe.biz

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