

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

November 1, 2019

To: Hamilton County Drainage Board

Re: William Lehr Drain, Joseph & Brooks Arm, Campus Center Relocation.

Attached are plans for the proposed relocation of a portion of the William Lehr Drain, Joseph & Brooks Arm. The proposal is to reconstruct and relocate the existing tile drain currently on parcels 10-11-16-00-00-023.003 and 10-11-16-00-00-023.000 (proposed Campus Center site) owned by Campus Center, LLC, and Promise Road right-of-way owned by the City of Noblesville. The relocated drain will also affect parcel 10-11-16-00-00-020.101 owned by Noblesville Airport Inc., parcel 10-11-16-00-00-021.101 owned by Larry D & Marianne Jacobi & Janet Sue Roberts, and parcel 10-11-16-00-04-069.000 (Common Area) owned by Waterman Farms Homeowners Association, Inc., per the 'Campus Center' project plans by Kimley-Horn and Associates, Inc., Job No. 170072000.3.700, dated August 19, 2019. The Campus Center site is located at the northeast corner of 146th & Promise Road. The upstream end of this relocation will begin near the northeast corner of the Campus Center site. The downstream end of this relocation will end at an existing regulated drain manhole in Waterman Farms, Sec. 3, Common Area 9, which was previously reconstructed as part of the 2005 Waterman Farms Relocation.

This project will consist of the following:

797' of 24" RCP

Per the project plans by Kimley-Horn, this relocation project involves the following structures: D2, D1A, D1, and EX1. The other storm facilities on this site will remain private.

The newly installed drain will have a length of 797'. On the Joseph & Brooks Arm, the existing 1010' of tile drain between existing stations 3+25 and 13+35 on the Campus Center site will be vacated. Existing Sta. 3+25 is located near the east right-of-

way line of Promise Road, approximately 420' north of the centerline of 146th street. The existing 10" tile across the Noblesville Airport (Sta 13+35 to 21+48; Str 509 in Waterman Farms Subdivision) will remain. A new pipe will drain the Campus Center site north across the east end of the airport and Jacobi parcels to connect to Str. EX1, which is an existing regulated drain manhole located in Waterman Farms, Sec. 3 (per Waterman Farms Relocation - Str 506).

This proposal will subtract 213' of footage from the drain's total length.

The Eli Brooks Drain was established in 1893 (See Reviewers Report, December 7, 1893) and combined with the William Lehr Drain, Booth-White and Joseph Drains in 1967. The drains are currently on a maintenance program which was approved at hearing on December 4, 1967 (See Minutes Book 1, Page 23). For information regarding the 2005 Waterman Farms Relocation referenced above, see Minutes Book 8, Page 568-569. To avoid confusion, it should be noted that another reconstruction of this drain has also been petitioned downstream of this location and is called the Brooks Farm, Sec. 1 Reconstruction.

In 2008, the Wm Lehr Drain, LN Joseph & Eli Brooks Arm from Station 0 to Station 0+38 was vacated by the Board on behalf of the Hamilton County Highway Department's construction of 146th street. This was done as per my report dated October 16, 2007 and approved on January 28, 2008. For more information see Minutes Book 11 pages 12-13. Per Map Correction-Field Verification report dated November 28, 2011, it was determined that the 146th Street and Promise Road intersection widening actually removed the old tile (installed 1898) from Station 0 to Station 3+25, where an inlet was set on the existing tile. (Station 3+25 is the upstream end of the tile being vacated with this petition).

The cost of the project is to be paid by the developer. The petitioner has submitted surety in the form of a Site Improvement Performance Bond as follows:

Bonding Company: Platte River Insurance Company
Date: October 8, 2019
Expiration Date: N/A
Number: 41403303
For: Stormwater Legal Drain at NEC (*northeast corner*) of Promise and 146th Street,
(Campus Center – Lehr Drain)
Amount: \$92,000.00
HCDB-2019-00041

A portion of this project site is located within the William Lehr, Joseph & Brooks Arm Summer Road deferred assessment area. Parcel 10-11-16-00-023.003 owes \$13,462.46 for 17.08 acres and 10-11-16-00-00-023.000 owes \$2,380.36 for 3.02 acres. Because the site is being developed, the assessment is to be paid at this time and should be made a condition of this approval.

The easements for this drain relocation shall be as follows:

For the onsite easement within Campus Center, the easement shall be as per the easement shown on the Campus Center Secondary Plat, to be recorded at the Hamilton County Recorder's Office. (Note: The petitioner has communicated the plat will be recorded prior to the hearing). A Non-enforcement has been submitted to reduce the regulated drain easement to the dimensions shown on the above document. I recommend approval of the Non-enforcement.

The offsite easement across parcel 10-11-16-00-00-020.101 owned by Noblesville Airport Inc., and parcel 10-11-16-00-00-021.101 owned by Larry D & Marianne Jacobi & Janet Sue Roberts, as per the easement dedication described in the "Grant of Permanent and Temporary Drainage Easements." See attached easement document with exhibits A and B. The regulated drain easement shall have a width of 30' total, with an additional 20' temporary construction easement. Upon approval by the Board, this easement dedication shall be recorded.

I recommend the Board set a hearing for December 19, 2019.

Sincerely,



Kenton C. Ward
Hamilton County Surveyor

KCW/stc

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: _____)
Hamilton County, Indiana)

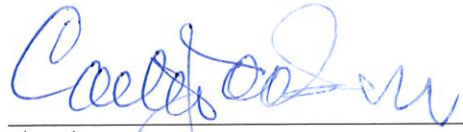
PETITION FOR RELOCATION AND RECONSTRUCTION

_____ Jackson Development, LLC _____ (hereinafter "Petitioner"),

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

1. Petitioner owns real estate through which a portion of the _____ William Lehr _____ Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the _____ William Lehr _____ Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the _____ William Lehr _____ Drain, without cost to other property owners on the watershed of the _____ William Lehr _____ Drain.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the _____ William Lehr _____ Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.



Signed
Carter Jackson

Printed

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE


**William Lehr Drain, Joseph & Brooks Arm
Campus Center Relocation**

Station 3+25 to Station 13+35

On this 19th day of December, 2019, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **William Lehr Drain, Joseph & Brooks Arm, Campus Center Relocation (Station 3+25 to Station 13+35)**.

Evidence has been heard. Objections were presented and considered. The Board then adopted an order of action. The Board now finds that the costs of continued maintenance to the portion of the above drain exceed the benefits to the real estate benefited by the portion of the drain to be abandoned and issues this order vacating the above section of the **William Lehr Drain, Joseph & Brooks Arm, Campus Center Relocation (Station 3+25 to Station 13+35)**.

HAMILTON COUNTY DRAINAGE BOARD



President



Member

Member

Attest:



STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY
DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
William Lehr Drain, Joseph & Brooks Arm, Campus Center Relocation

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **William Lehr Drain, Joseph & Brooks Arm, Campus Center Relocation** came before the Hamilton County Drainage Board for hearing **on December 19, 2019**, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.

The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.

Wherefore, it is ORDERED, that the proposed Reconstruction of the **William Lehr Drain, Joseph & Brooks Arm, Campus Center Relocation** be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

HAMILTON COUNTY DRAINAGE BOARD

PRESIDENT


Member

Member

ATTEST:


Executive Secretary

Engineer's Preliminary Opinion of Probable Construction Cost

Name: Campus Center, Noblesville, IN	Date: 10/7/2019
Client: Carter Jackson Development	Prepared By: WAB

Off-Site Legal Drain

Item	Description	Unit	Quantity	Unit Price	Cost
1	Mobilization/Demobilization	LS	1	\$ 3,066.67	\$ 3,066.67
2	24" RCP Storm Sewer	LF	797	\$ 56.00	\$ 44,632.00
3	Manhole	EA	3	\$ 2,225.00	\$ 6,675.00
4	Granular Backfill	LS	1	\$ 22,293.00	\$ 22,293.00
Total Estimated Cost					\$ 76,666.67
120%					\$ 92,000.00



Campus Center - Lehr Drain

FILED

OCT 08 2019

SITE IMPROVEMENT PERFORMANCE BOND

Bond No: 41403303

OFFICE OF HAMILTON COUNTY SURVEYOR

HCDR-2019-00041

KNOW ALL MEN BY THESE PRESENTS That we,
Jackson Development, LLC

located at 19 E Main St, Ste 300, Carmel, IN 46032-1920

as Principal and Platte River Insurance Company, authorized to do business in
the State of Indiana, as Surety, are held and firmly bound unto the Hamilton County Commissioners

One Hamilton County Square, Ste 157, Noblesville, IN, as Oblige, in the full and just sum of Ninety-two Thousand And No/100
(\$92,000.00) lawful money of the United States of

America, to be paid to said Oblige, for which payment well and truly to be made, we bind ourselves, our
heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has received or is about to receive a site plan approval from the Oblige for site
improvements only at a project and site improvements described as Stormwater Legal Drain at NEC of
Promise and 146th Street

With certain related bondable site improvements; the satisfactory completion of which is required to be
guaranteed as a condition of the approval.

WHEREAS, the bond is subject to the following conditions:

- a) No party other than the Oblige shall have rights hereunder against the Surety.
- b) The aggregate liability of the Surety shall not exceed the above stated bond amount for any cause or reason whatsoever.

NOW, THEREFORE, the condition of this obligation is such that, if said Principal shall complete the
improvements as agreed to in the Site Improvement Plan then this obligation shall be null and void,
otherwise to remain in full force and effect.

This bond shall become effective on 10/8/2019 and shall remain in force until released by
the Oblige.

Signed sealed and dated this 8th day of October, 2019.

Principal: Jackson Development, LLC

BY: [Signature]

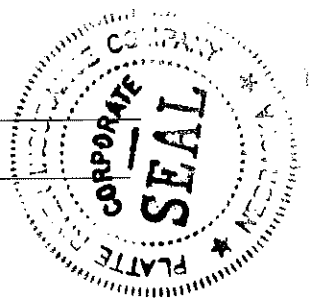
Charles E. Jackson

Printed name and title

Surety: Platte River Insurance Company

BY: [Signature]

Attorney-in-Fact: Tiffany T. Williams



Power of Attorney must be attached to the bond to be valid

PLATTE RIVER INSURANCE COMPANY
POWER OF ATTORNEY

41403303

KNOW ALL MEN BY THESE PRESENTS, That the PLATTE RIVER INSURANCE COMPANY, a corporation of the State of Nebraska, having its principal offices in the City of Middleton, Wisconsin, does make, constitute and appoint

STELLA M. MILLI; TIFFANY T. WILLIAMS; MICHAEL K. CORCORAN
VICKIE L. WOLCOTT; DAVID A. LINTHICUM; CAROLYN J. WAGGONER

its true and lawful Attorney(s)-in-fact, to make, execute, seal and deliver for and on its behalf, as surety, and as its act and deed, any and all bonds, undertakings and contracts of suretyship, provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed in amount the sum of

ALL WRITTEN INSTRUMENTS IN AN AMOUNT NOT TO EXCEED \$20,000,000.00

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of PLATTE RIVER INSURANCE COMPANY at a meeting duly called and held on the 8th day of January, 2002.

"RESOLVED, that the President, Executive Vice President, Vice President, Secretary or Treasurer, acting individually or otherwise, be and they hereby are granted the power and authorization to appoint by a Power of Attorney for the purposes only of executing and attesting bonds and undertakings, and other writings obligatory in the nature thereof, one or more resident vice-presidents, assistant secretaries and attorney(s)-in-fact, each appointee to have the powers and duties usual to such offices to the business of this company; the signature of such officers and seal of the Company may be affixed to any such power of attorney or to any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company, and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking or other writing obligatory in the nature thereof to which it is attached. Any such appointment may be revoked, for cause, or without cause, by any of said officers, at any time."

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner - Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

IN WITNESS WHEREOF, the PLATTE RIVER INSURANCE COMPANY has caused these presents to be signed by its officer undersigned and its corporate seal to be hereto affixed duly attested, this 3rd day of May, 2017.

Attest: *John E. Rzepinski*
John E. Rzepinski
Vice President, Treasurer & CFO

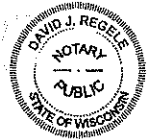
Suzanne M. Broadbent
Suzanne M. Broadbent
Assistant Secretary



PLATTE RIVER INSURANCE COMPANY
Stephen J. Sills
Stephen J. Sills
CEO & President

STATE OF WISCONSIN } s.s.:
COUNTY OF DANE

On the 3rd day of May, 2017 before me personally came Stephen J. Sills, to me known, who being by me duly sworn, did depose and say: that he resides in the County of New York, State of New York; that he is President of PLATTE RIVER INSURANCE COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of the said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name thereto by like order.



David J. Regele
David J. Regele
Notary Public, Dane Co., WI
My Commission Is Permanent

STATE OF WISCONSIN } s.s.:
COUNTY OF DANE

I, the undersigned, duly elected to the office stated below, now the incumbent in PLATTE RIVER INSURANCE COMPANY, a Nebraska Corporation, authorized to make this certificate, DO HEREBY CERTIFY that the foregoing attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolution of the Board of Directors, set forth in the Power of Attorney is now in force.

Signed and sealed at the City of Middleton, State of Wisconsin this 8th day of October, 2019.



Antonio Celii
Antonio Celii
General Counsel, Vice President & Secretary

THIS DOCUMENT IS NOT VALID UNLESS PRINTED ON GREEN SHADED BACKGROUND WITH A RED SERIAL NUMBER IN THE UPPER RIGHT HAND CORNER. IF YOU HAVE ANY QUESTIONS CONCERNING THE AUTHENTICITY OF THIS DOCUMENT CALL 800-475-4450. PR-POA (Rev. 10-2017)

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

***William Lehr Drain, Joseph & Brooks Arm
Campus Center Relocation***

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **William Lehr Drain, Joseph & Brooks Arm, Campus Center Relocation** on **December 19, 2019** at **9:00 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

STATE OF INDIANA)
) SS BEFORE THE HAMILTON
)
COUNTY OF HAMILTON) DRAINAGE BOARD

IN THE MATTER OF **William Lehr Drain, Joseph & Brooks Arm,
Campus Center Relocation**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **December 19, 2019** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

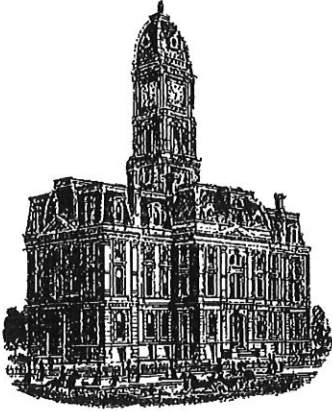
The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

BY: Christine Altman
PRESIDENT

ATTEST: Lynette Mosbaugh
SECRETARY



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

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

To: Hamilton County Drainage Board

November 2, 2021

Re: William Lehr Drain: Joseph & Brooks Arm – Campus Center Relocation

Attached are as-built, certificate of completion & compliance, and other information for the Campus Center Relocation. 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 November 1, 2019. The report was approved by the Board at the hearing held December 19, 2019. (See Drainage Board Minutes Book 19, Pages 83-86) The changes are as follows: The 24" RCP was shortened from 797 to 796 feet. The length of the drain due to the changes described above is now **796 feet**. It should be noted that the project removed 1010 feet of existing tile.


The non-enforcement was approved by the Board at its meeting on December 19, 2019 and recorded under instrument #2021079140.

The following sureties were guaranteed by Platte River Insurance Company and released by the Board on its April 12, 2021 meeting.

Bond-LC No: 41403303
Amount: \$92,000
For: Storm Sewers & SSD
Issue Date: October 8, 2019

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: Noblesville Campus Center

I hereby certify that:

1. I am a Registered Land Surveyor or Engineer in the State of Indiana.
2. I am familiar with the plans and specifications for the above referenced subdivision.
3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision.
4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications.
5. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been correctly represented on the Record Drawings, Digital Record Drawings and the Structure Data Spreadsheet.

Signature:  Date: 3-31-2021

Type or Print Name: William A. Butz Jr.

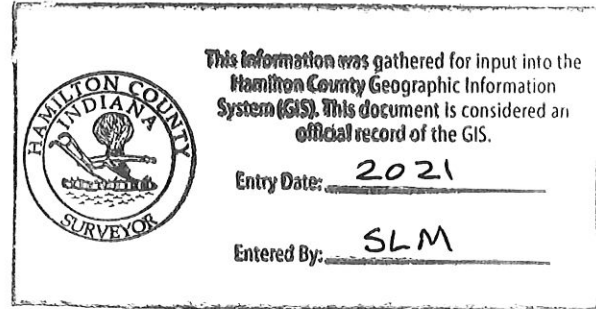
Business Address: 250 E. 96th Street, Suite 580
Indpls, IN 46240

Telephone Number: 317-218-9560



INDIANA REGISTRATION NUMBER

PE 10606045



INFRASTRUCTURE ENGINEERING PLANS

CAMPUS CENTER

NEC OF 146TH ST & PROMISE RD NOBLESVILLE, IN 46060

Indiana Utilities Protection Service



UTILITY AND GOVERNING AGENCY CONTACTS

ENGINEERING DEPARTMENT
CITY OF NOBLESVILLE
16 S 10TH ST, SUITE 155
NOBLESVILLE, IN 46060
TEL: (317) 776-6330
CONTACT: BRIAN GRAY

COUNTY SURVEYOR
HAMILTON COUNTY SURVEYOR'S OFFICE
ONE HAMILTON COUNTY SQ, SUITE 146
NOBLESVILLE, IN 46060
TEL: (317) 776-8495
CONTACT: STEVE CASH

COMMUNITY DEVELOPMENT & PLANNING
CITY OF NOBLESVILLE
16 S 10TH ST, SUITE 150
NOBLESVILLE, IN 46060
TEL: (317) 776-6325
CONTACT: JOYCEANN YELTON

COMMUNICATION
AT&T
240 N MERIDIAN ST, ROOM 280
INDIANAPOLIS, IN 46204
TEL: (317) 610-5437
CONTACT: BRIAN PETERS

NOBLESVILLE FIRE DEPARTMENT
135 S 9TH ST
NOBLESVILLE, IN 46060
TEL: (317) 776-6336
CONTACT: DARREL CROSS

COMCAST
(TELECOM PLACEMENT, INC.)
TEL: (317) 752-9426
CONTACT: THOMAS SPENCER

STORM SEWER SERVICE
CITY OF NOBLESVILLE
16 S 10TH ST
NOBLESVILLE, IN 46060
TEL: (317) 776-6330
CONTACT: BRIAN GRAY

POWER COMPANY
DUKE ENERGY
100 S MILL CREEK RD
NOBLESVILLE, IN 46060
TEL: (317) 776-5348
CONTACT: CLINT THOMPSON

MS4 OPERATOR
CITY OF NOBLESVILLE
16 S 10TH ST, SUITE 155
NOBLESVILLE, IN 46060
TEL: (317) 776-6330
CONTACT: BRAD ROBINS

NATURAL GAS COMPANY
VECTREN
16000 ALLISONVILLE RD
INDIANAPOLIS, IN 46060
TEL: (317) 776-5560
CONTACT: RANDY CRUTCHFIELD

STREET DEPARTMENT
1575 PLEASANT ST
NOBLESVILLE, IN 46060
TEL: (317) 776-6348
CONTACT: VINCE BAKER

WATER SERVICE
INDIANA AMERICAN WATER COMPANY
15227 HERRIMAN BLVD
NOBLESVILLE, IN 46060
TEL: (317) 773-2497
CONTACT: PAT O'BRIAN

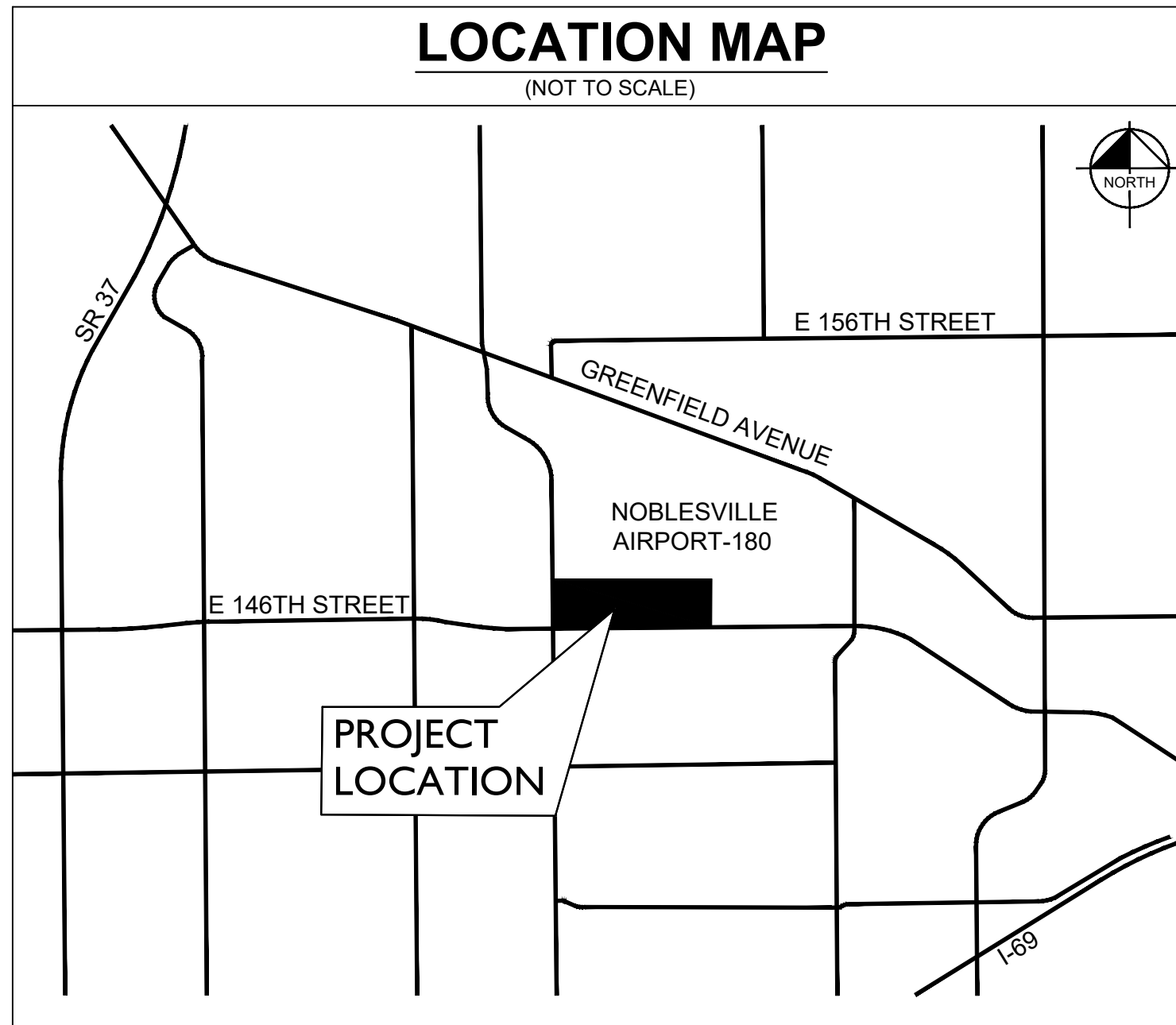
PROJECT TEAM

DEVELOPER
JACKSON DEVELOPMENT, LLC
19 EAST MAIN ST., SUITE 300
CARMEL, IN 46032
TEL: (317) 797-1115
CONTACT: CARTER JACKSON

SURVEYOR
HAMILTON DESIGNS, LLC
11988 FISHERS CROSSING DRIVE, SUITE 154
FISHERS, IN 46038
TEL: (317) 570-8800
CONTACT: TERRY D. WRIGHT, PS

CIVIL ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
250 E 96TH ST, SUITE 580
INDIANAPOLIS, IN 46240
TEL: (317) 218-9561
EMAIL: BILL.BUTZ@KIMLEY-HORN.COM
CONTACT: BILL BUTZ, P.E.

LANDSCAPE ARCHITECT
KIMLEY-HORN AND ASSOCIATES, INC.
250 E 96TH ST, SUITE 580
INDIANAPOLIS, IN 46240
TEL: (317) 218-9571
EMAIL: BRANDON.SCHREEG@KIMLEY-HORN.COM
CONTACT: BRANDON SCHREEG



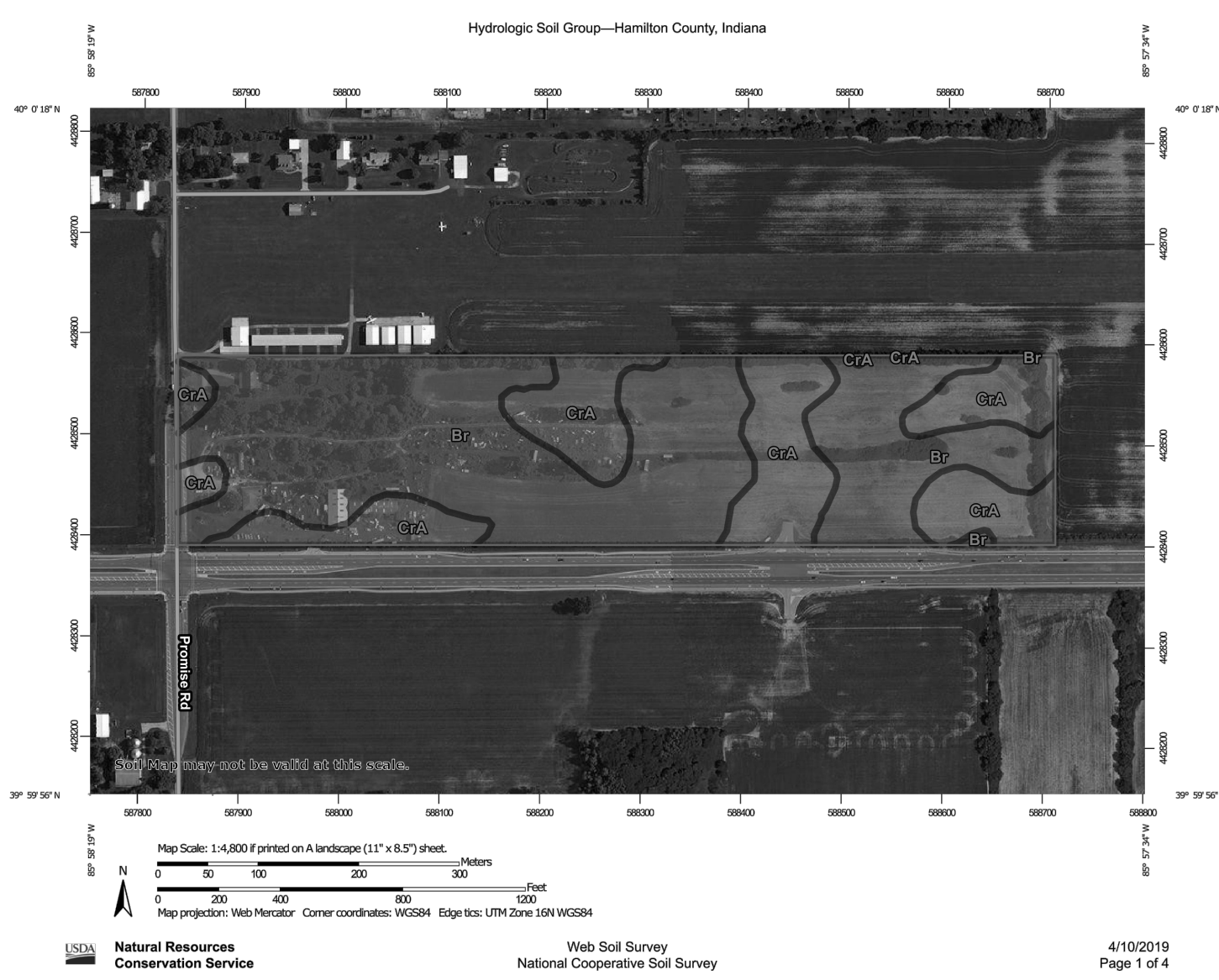
THE CITY OF NOBLESVILLE STANDARDS FOR PUBLIC INFRASTRUCTURE CONSTRUCTION SHALL BE INCORPORATED BY REFERENCE INTO THESE PLANS. IN THE EVENT THAT CONFLICTING STANDARDS OCCUR, THE FOLLOWING ORDER OF PRECEDENCE SHALL GOVERN.

- A. CITY OF NOBLESVILLE STANDARDS
- B. INDIANA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS
- C. TEN STATE STANDARDS
- D. PROJECT SPECIFIC PROVISIONS
- E. ANY OTHER APPLICABLE STANDARDS AND SPECIFICATIONS

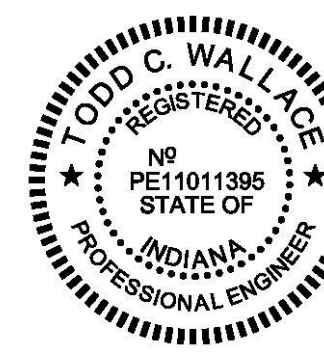
NO ALTERNATE SPECIFICATIONS OR MATERIALS OR NEW MATERIALS MAY BE USED WITHOUT THE EXPRESS WRITTEN APPROVAL FROM THE CITY OF NOBLESVILLE PRIOR TO THE COMPLETION OF THE WORK.

THE CITY'S REVIEW AND APPROVAL OF PLANS FOR THIS PROJECT DOES NOT RELIEVE THE DESIGN PROFESSIONAL OF ITS PROFESSIONAL RESPONSIBILITY FOR THE PLANS. DESIGN PROFESSIONAL CERTIFYING PLANS FOR THIS PROJECT ACKNOWLEDGES THEIR PROFESSIONAL RESPONSIBILITY TO PREPARE WORK THAT IS CORRECT, ACCURATE AND COMPLIES WITH ALL APPROPRIATE LAWS, STANDARDS, REGULATIONS AND ORDINANCES. IF AN ERROR OR OMISSION BY THE DESIGN PROFESSIONAL IS FOUND, THE DESIGN PROFESSIONAL SHALL CORRECT THE ERROR OR OMISSION AND, IF NECESSARY, DETERMINE A SOLUTION THAT COMPLIES WITH ALL APPROPRIATE LAWS, STANDARDS, REGULATIONS AND ORDINANCES. IF SUCH AN ERROR OR OMISSION IS FOUND, THE DEVELOPER IS NOT RELIEVED OF ITS OBLIGATION TO COMPLY WITH ALL APPROPRIATE LAWS, STANDARDS, REGULATIONS, AND ORDINANCES.

Sheet List Table	
Sheet Number	Sheet Title
C0.0	TITLE SHEET
C0.1	ALTA (SHEET 1 OF 2)
C0.2	ALTA (SHEET 2 OF 2)
C1.0	GENERAL NOTES
C2.1	EXISTING CONDITIONS & DEMOLITION PLAN (1 OF 6)
C2.2	EXISTING CONDITIONS & DEMOLITION PLAN (2 OF 6)
C2.3	EXISTING CONDITIONS & DEMOLITION PLAN (3 OF 6)
C2.4	EXISTING CONDITIONS & DEMOLITION PLAN (4 OF 6)
C2.5	EXISTING CONDITIONS & DEMOLITION PLAN (5 OF 6)
C2.6	EXISTING CONDITIONS & DEMOLITION PLAN (6 OF 6)
C3.0	OVERALL DEVELOPMENT PLAN
C3.1	TYPICAL CROSS SECTIONS
C3.2	ROAD LAYOUT PLAN AND PROFILE (1 OF 6)
C3.3	ROAD LAYOUT PLAN AND PROFILE (2 OF 6)
C3.4	ROAD LAYOUT PLAN AND PROFILE (3 OF 6)
C3.5	ROAD LAYOUT PLAN AND PROFILE (4 OF 6)
C3.6	ROAD LAYOUT PLAN AND PROFILE (5 OF 6)
C3.7	ROAD LAYOUT PLAN AND PROFILE (6 OF 6)
C3.8	ROAD LAYOUT PLAN PROMISE RD STRIPING
C4.1	EROSION CONTROL PLAN (1 OF 6)
C4.2	EROSION CONTROL PLAN (2 OF 6)
C4.3	EROSION CONTROL PLAN (3 OF 6)
C4.4	EROSION CONTROL PLAN (4 OF 6)
C4.5	EROSION CONTROL PLAN (5 OF 6)
C4.6	EROSION CONTROL PLAN (6 OF 6)
C4.7	EROSION CONTROL DETAILS
C4.8	SWPPP
C5.1	GRADING & DRAINAGE PLAN (1 OF 6)
C5.2	GRADING & DRAINAGE PLAN (2 OF 6)
C5.3	GRADING & DRAINAGE PLAN (3 OF 6)
C5.4	GRADING & DRAINAGE PLAN (4 OF 6)
C5.5	GRADING & DRAINAGE PLAN (5 OF 6)
C5.6	GRADING & DRAINAGE PLAN (6 OF 6)
C6.0	OVERALL UTILITY PLAN
C6.1	UTILITY PLAN (1 OF 6)
C6.2	UTILITY PLAN (2 OF 6)
C6.3	UTILITY PLAN (3 OF 6)
C6.4	UTILITY PLAN (4 OF 6)
C6.5	UTILITY PLAN (5 OF 6)
C6.6	UTILITY PLAN (6 OF 6)
C6.7	SANITARY PLAN & PROFILES (1 OF 5)
C6.8	SANITARY PLAN & PROFILES (2 OF 5)
C6.9	SANITARY PLAN & PROFILES (3 OF 5)
C6.10	SANITARY PLAN & PROFILES (4 OF 5)
C6.11	SANITARY PLAN & PROFILES (5 OF 5)
C6.12	WATER PLAN & PROFILES (1 OF 5)
C6.13	WATER PLAN & PROFILES (2 OF 5)
C6.14	WATER PLAN & PROFILES (3 OF 5)
C6.15	WATER PLAN & PROFILES (4 OF 5)
C6.16	WATER PLAN & PROFILES (5 OF 5)
C6.17	STORM PROFILES (1 OF 5)
C6.18	STORM PROFILES (2 OF 5)
C6.19	STORM PROFILES (3 OF 5)
C6.20	STORM PROFILES (4 OF 5)
C6.21	STORM PROFILES (5 OF 5)
C7.0	CONSTRUCTION DETAILS
C7.1	CONSTRUCTION DETAILS
C7.2	CONSTRUCTION DETAILS
C7.3	CONSTRUCTION DETAILS
L1.0	OVERALL LANDSCAPE PLAN
L1.1	LANDSCAPE PLAN (1 OF 5)
L1.2	LANDSCAPE PLAN (2 OF 5)
L1.3	LANDSCAPE PLAN (3 OF 5)
L1.4	LANDSCAPE PLAN (4 OF 5)
L1.5	LANDSCAPE DETAILS (5 OF 5)
1-13	CITY OF NOBLESVILLE STANDARDS



AS-BUILT



HAMILTON DESIGNS
A LIMITED LIABILITY COMPANY
11988 Fishers Crossing Drive, Suite 154
Fishers, Indiana 46038
P: (317) 570-8800
www.hamiltondesigns.com

PROJECT NO. 2019-0224
DATE 01-07-2021
Todd C. Wallace

Drawing name: C:\Users\Chad.Moyes\Desktop\Working Projects\170072000_Jackson Dev_14th and Promise_Noblesville_IN2_Design\CAD\PlanSheets\C0.0 TITLE SHEET.dwg C0.0 TITLE SHEET Apr 13, 2020 9:38am by: Chad.Moyes This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. (Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.)

4/13/2020
2/13/2020
2/13/2020
10/31/19
10/08/19
09/12/19
08/15/19

DATE

REVISIONS

SCALE: AS NOTED

DESIGNED BY: MUT

DRAWN BY: CVS

CHECKED BY: WAB

WILLIAM A. BUTZ, JR.
REGISTERED PROFESSIONAL ENGINEER
No. PE1060645
STATE OF INDIANA
4/7/2020

JACKSON DEVELOPMENT

TITLE SHEET

**CAMPUS CENTER
146TH STREET &
PROMISE ROAD
NOBLESVILLE, IN**

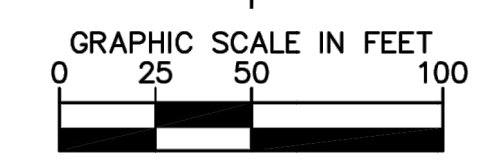
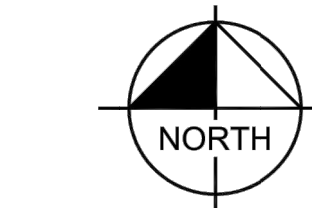
ORIGINAL ISSUE: 04/29/2019
KHA PROJECT NO. 170072000
SHEET NUMBER C0.0

Drawing name: C:\Users\Chad.Moyes\Desktop\Working Projects\170072000_Jackson Dev_146th and Promise_Noblesville_IN2 Design\CADD\PlanSheets\C6.1 - UTILITY PLAN.dwg C6.1 Apr 13, 2020 9:45am by: Chad.Moyes
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Indiana Utilities Protection Service



before you dig



WATER STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
W1	EX 12" PVC FG ELEV: 834.70
W2	45° HORIZONTAL BEND
W3	45° HORIZONTAL BEND
W4	11° VERTICAL BEND
W5	90° BEND
W6	12"x12" TEE
W7	12" GATE VALVE FG ELEV: 831.85
W8	11° VERTICAL BEND
W9	11° VERTICAL BEND
W55	12" GATE VALVE FG ELEV: 831.16
W75	6" GATE VALVE FG ELEV: 831.91
W76	FH9 FG ELEV: 831.94
W103	12"x6" REDUCER

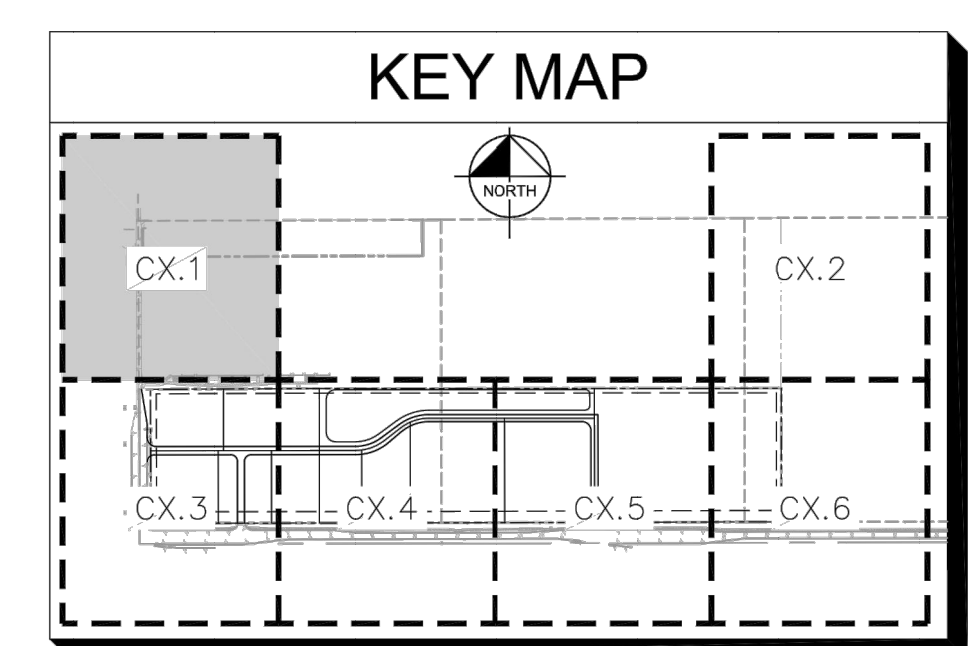
- ### UTILITY NOTES
- GENERAL UTILITY NOTES**
- ALL WATER LINES SHALL BE PVC C900 DR-14 OR DUCTILE IRON CL 52 THICKNESS.
 - MAINTAIN 8 FEET OF HORIZONTAL SEPARATION BETWEEN THE WATER MAIN AND ANY STORM AND SANITARY STRUCTURES. IN LOCATIONS WHERE SEPARATION CANNOT BE MAINTAINED, USE THE APPROVED ALTERNATIVE TECHNICAL STANDARD. INSTALL THE WATER MAIN WITHIN A STEEL CASING OR INSTALL THE WATER MAIN SUCH THAT IT IS CENTERED ON THE STRUCTURE AND THE NEAREST JOINT IS 10 FT AWAY AND MAINTAIN 24 IN OF SEPARATION.
 - ALL SANITARY SEWER LINES SHALL BE PVC MEETING ASTM D-3034 SDR 26 EXCEPT FOR SANITARY SEWER THAT CROSSES ABOVE WATER MAIN, THIS PIPE SHALL BE AWWA C900 (UNLESS WATER MAIN CASING IS UTILIZED). PROVIDE 24" MINIMUM COVER.
 - CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
 - ALL ELECTRIC AND TELEPHONE EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES.
 - CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.
 - CONTRACTOR TO CALL INDIANA 811 (811 OR 800-382-5544) TO COORDINATE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES BEFORE ORDERING MATERIALS OR COMMENCING CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
 - PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OTHER UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM THE ENGINEER AND THE OWNER/DEVELOPER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION. THE CITY OF NOBLESVILLE SHALL BE NOTIFIED OF ANY AND ALL CHANGES TO THE DESIGN PLANS.
 - CONTRACTOR SHALL COMPLY COMPLETELY WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED TO ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH PERFORMANCE CRITERIA AS REQUIRED BY OSHA.
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 - SEE ARCHITECTURAL AND MEP PLANS FOR EXACT UTILITY CONNECTION LOCATIONS AT BUILDING.
 - LIGHT POLES SHOWN FOR COORDINATION PURPOSES ONLY AND DO NOT REPRESENT ACTUAL SIZE. SEE SITE LIGHTING PLANS BY OTHERS FOR MORE INFORMATION.
 - SEE DETAILS FOR LOCATING STORM STRUCTURES WITHIN THE CURB LINE.
 - STORMWATER FACILITIES MUST BE FUNCTIONAL BEFORE BUILDING CONSTRUCTION BEGINS.

UTILITY LEGEND

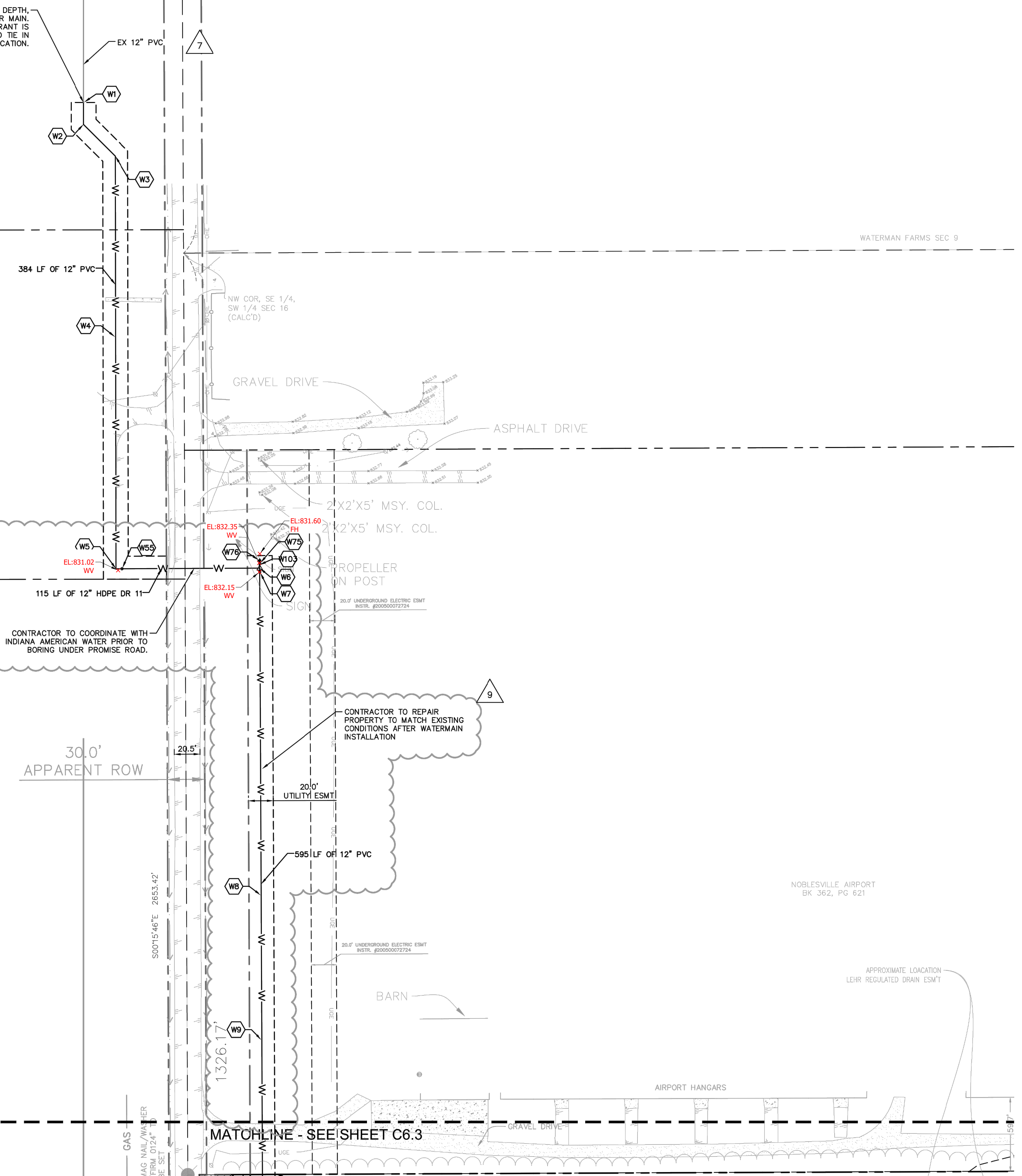
	20 LF OF 4" UNDERDRAIN, TYP.
	EX. SANITARY SEWER MANHOLE
	EX. STORM MANHOLE
	EX. STORM CATCH BASIN/INLET
	EX. ELECTRIC MANHOLE
	EX. LIGHT POLE
	PROPOSED STORM STRUCTURE
	PROPOSED SANITARY MANHOLE
	PROPOSED SANITARY CLEANOUT
	PROPOSED WATER STRUCTURE
	PROPOSED LIGHT POLE

NOTE: CONTRACTOR TO CAP AND MARK END OF STUB FOR ALL SANITARY LATERALS. SANITARY LATERALS TO BE 6" PVC WITH 1% MINIMUM SLOPE.

AS-BUILT



CONTRACTOR TO VERIFY SIZE, DEPTH, AND LOCATION OF EXISTING WATER MAIN. APPROX LOCATION OF NEXT HYDRANT IS 90 FT NORTH OF PROPOSED TIE IN LOCATION.



CONTRACTOR TO COORDINATE WITH INDIANA AMERICAN WATER PRIOR TO BORING UNDER PROMISE ROAD.

CONTRACTOR TO REPAIR PROPERTY TO MATCH EXISTING CONDITIONS AFTER WATERMAIN INSTALLATION

MATCHLINE - SEE SHEET C6.3

DATE	BY	REVISIONS	CITY COMMENTS	SANITARY/WATER REVISIONS	INAW REVISIONS	EASEMENT COORDINATION	WATERMAIN REVISION	FIRE HYDRANT COORDINATION
4/13/2020	MJT							
2/13/2020	MJT							
2/3/2020	MJT							
10/31/19	CSM							
10/08/19	CSM							
09/12/19	CYS							
08/15/19	NJB							

UTILITY PLAN
(1 OF 6)

CAMPUS CENTER
146TH STREET &
PROMISE ROAD
NOBLESVILLE, IN

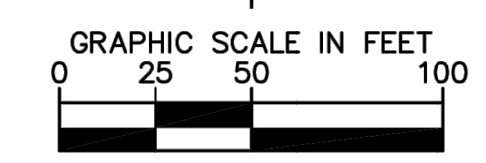
ORIGINAL ISSUE:	04/29/2019
KHA PROJECT NO.	170072000
SHEET NUMBER	C6.1

Drawing name: C:\Users\Chad.Moyes\Desktop\Working Projects\170072000_Jackson Dev_146th and Promise_Noblesville_IN2 Design\CADD\PlanSheets\C6.1 - UTILITY PLAN.dwg CS.2 Apr. 13, 2020 9:45am By: Chad.Moyes
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Indiana Utilities Protection Service



before you dig



STORM STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
D1	TYPE "C" MH NEENAH R-1772 INV IN: 815.83 (S) INV OUT: 815.73 (N)
D1A	TYPE "C" MH NEENAH R-1772 INV IN: 816.20 (S) INV OUT: 816.20 (N)
EX1	EX. STORM MANHOLE INV IN: 815.00 (S)

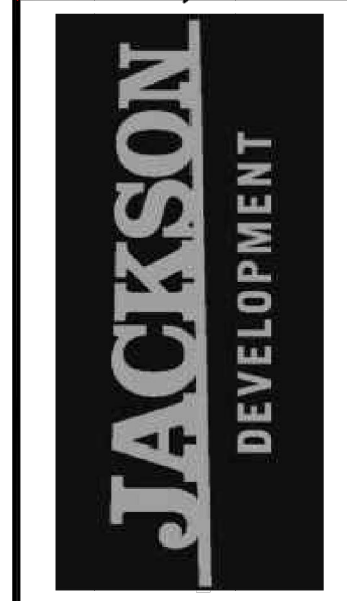
6

UTILITY NOTES

- GENERAL UTILITY NOTES**
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 - LIGHT POLES SHOWN FOR COORDINATION PURPOSES ONLY AND DO NOT REPRESENT ACTUAL SIZE. SEE SITE LIGHTING PLANS BY OTHERS FOR MORE INFORMATION.
 - SEE DETAILS FOR LOCATING STORM STRUCTURES WITHIN THE CURB LINE.
 - STORMWATER FACILITIES MUST BE FUNCTIONAL BEFORE BUILDING CONSTRUCTION BEGINS.

DATE	REVISIONS
4/13/2020	MJT
2/13/2020	MJT
2/3/2020	MJT
10/31/19	CSM
10/08/19	CSM
09/12/19	CVS
08/15/19	NJB
	BY

DATE	REVISIONS
4/7/2020	WILLIAM A. BUTZ, JR. REGISTERED PROFESSIONAL ENGINEER No. PE10606045



JACKSON DEVELOPMENT
 UTILITY PLAN
 (2 OF 6)

CAMPUS CENTER
 146TH STREET &
 PROMISE ROAD
 NOBLESVILLE, IN
 ORIGINAL ISSUE:
 04/29/2019
 KHA PROJECT NO.
 170072000
 SHEET NUMBER
C6.2

CONTRACTOR TO VERIFY SIZE, DEPTH, AND LOCATION OF STORM LINE.

sdmh rim: 815.60
ie=816.12 (12"hdpe w)
ie=816.12 (12"hdpe n)
[County GIS]

NE COR, SW 1/4,
SE 1/4 SEC 16
(CALC'D)

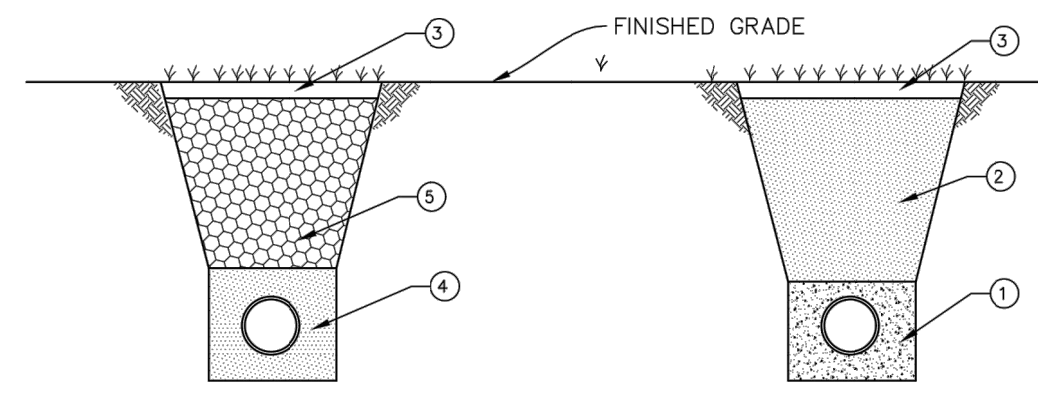
391 LF OF
24" RCP @ 0.19%

STORM LINE 1

REFER TO DETAIL ON GRASS RUNWAY REPAIR. ALL OTHER AREAS TO BE REPAIRED TO MATCH EXISTING CONDITIONS. ALL BACKFILL MUST BE COMPACTED TO AT LEAST 95% OF A STANDARD PROCTOR ON AIRPORT PROPERTY

197 LF OF
24" RCP @ 0.19%

209 LF OF
24" RCP @ 0.19%



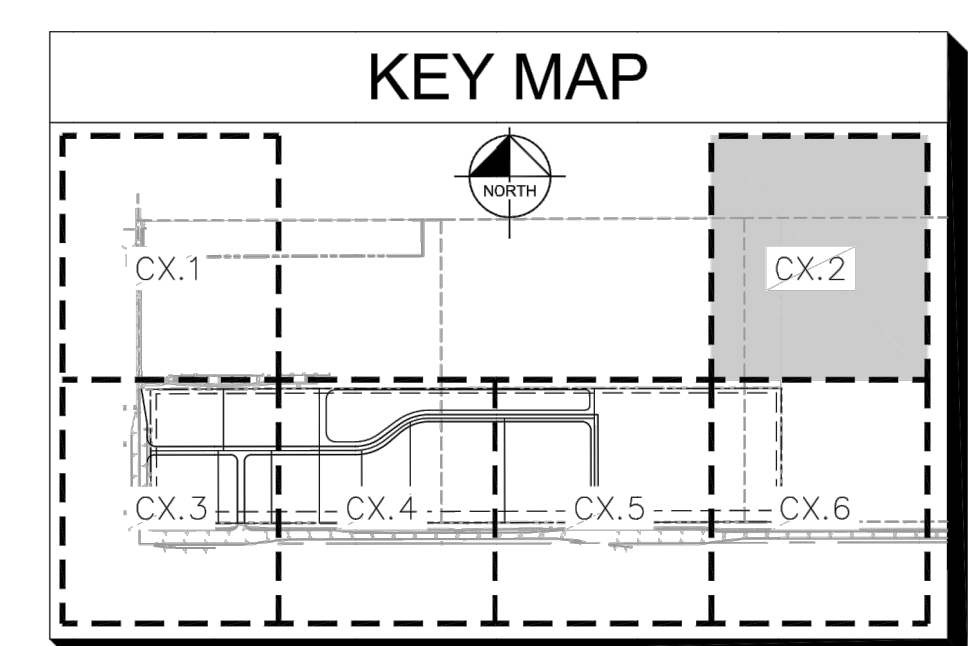
- LEGAL DRAIN BEDDING DETAILS ON AIRPORT PROPERTY**
N.T.S.
- FLOWABLE FILL TO BE PLACED AROUND PIPE AND UP TO 6 INCHES ABOVE PIPE.
 - MECHANICALLY COMPACTED #53 CRUSHED STONE IN 6 INCH LIFTS TO 95% OF A STANDARD PROCTOR.
 - SOD TO BE PLACED AND WATERED IN FLUSH WITH EXISTING GRADE.
 - #53 CRUSHED STONE MECHANICALLY COMPACTED UNTIL 6 INCHES OVER PIPE TO 95% OF A STANDARD PROCTOR.
 - NATIVE SOIL TO BE MECHANICALLY COMPACTED TO 95% OF A STANDARD PROCTOR.

AIRPORT NOTE:
CONTRACTOR TO COORDINATE ALL WORK ON AIRPORT PROPERTY WITH AIRPORT OWNER. PIPE INSTALLATION AND BACKFILL SHALL BE COMPLETED AS QUICKLY AS POSSIBLE TO MINIMIZE AIRPORT CLOSURE TIME.

CONTRACTOR TO PROTECT RUNWAY LIGHTS ON EITHER SIDE

MATCHLINE - SEE SHEET C6.4

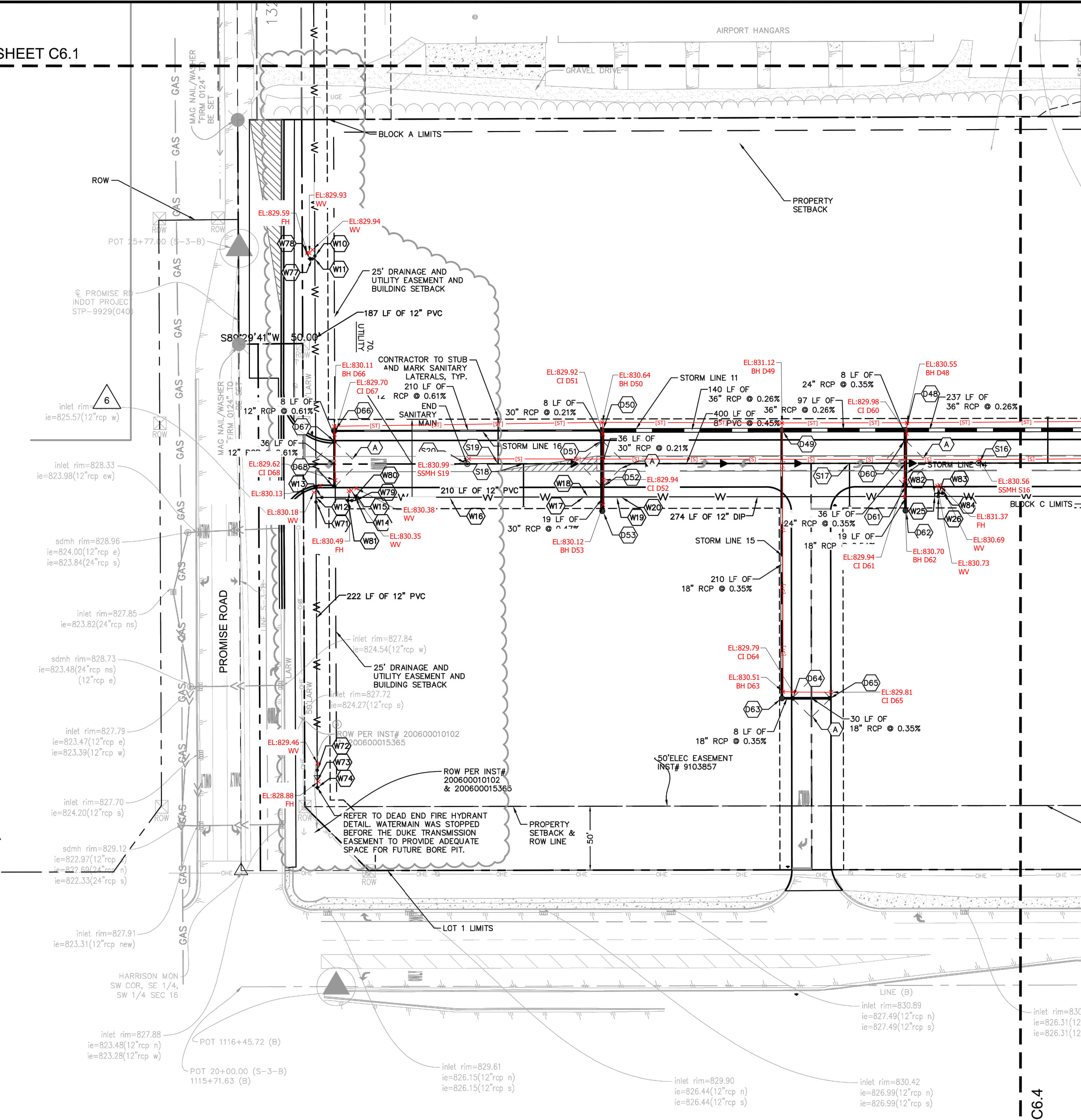
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Drawing name: C:\Users\Chad.Moyes\Desktop\Working Projects\170072000_Jackson Dev_146th and Promise\Noblesville_JA_V Design\CADD\PlanSheets\C6.1 - UTILITY PLAN.dwg C6.1 Apr 13, 2020 9:45am by Chad.Moyes
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MATCHLINE - SEE SHEET C6.1

STRUCTURE NAME:	DETAILS:
W10	12" GATE VALVE FG ELEV: 829.60
W11	12"x6" TEE
W12	12"x12" TEE
W13	12" GATE VALVE FG ELEV: 829.75
W14	12"x6" TEE
W15	12" GATE VALVE FG ELEV: 830.57
W16	11" VERTICAL BEND
W17	45" VERTICAL BEND
W18	45" VERTICAL BEND
W19	45" VERTICAL BEND
W20	45" VERTICAL BEND
W25	12"x6" TEE
W26	12" GATE VALVE FG ELEV: 830.53
W71	12" GATE VALVE FG ELEV: 829.50
W72	12" GATE VALVE FG ELEV: 828.41
W73	12"x6" REDUCER
W74	TEMPORARY FIRE HYDRANT ASSEMBLY FG ELEV: 828.39
W75	6" GATE VALVE FG ELEV: 831.91
W76	FH9 FG ELEV: 831.94
W77	6" GATE VALVE FG ELEV: 829.79
W78	FH8 FG ELEV: 829.76
W79	90" BEND
W80	6" GATE VALVE FG ELEV: 830.36
W81	FH1 FG ELEV: 830.29
W82	90" BEND
W83	6" GATE VALVE FG ELEV: 830.49
W84	FH2 FG ELEV: 830.51



STRUCTURE NAME:	DETAILS:
D48	TYPE "J" MH NEENAH R-4342 RIM: 830.47 INV IN: 823.12 (W) INV IN: 823.12 (S) INV OUT: 823.02 (E)
D49	TYPE "J" MH NEENAH R-4342 RIM: 831.07 INV IN: 823.47 (W) INV IN: 823.50 (S) INV OUT: 823.37 (E)
D50	TYPE "J" MH NEENAH R-4342 RIM: 830.52 INV IN: 824.15 (W) INV IN: 824.15 (S) INV OUT: 823.84 (E)
D51	TYPE "J" MH NEENAH R-3287-SB10 RIM: 829.88 INV IN: 824.26 (S) INV OUT: 824.16 (N)
D52	TYPE "J" MH NEENAH R-3287-SB10 RIM: 829.88 INV IN: 824.45 (S) INV OUT: 824.34 (N)
D53	TYPE "J" MH NEENAH R-4342 RIM: 830.54 INV IN: 824.54 (N)
D60	TYPE "C" MH FLAT TOP NEENAH R-3287-SB10 RIM: 829.84 INV IN: 823.25 (S) INV OUT: 823.15 (N)
D61	TYPE "C" MH FLAT TOP NEENAH R-3287-SB10 RIM: 829.84 INV IN: 823.48 (S) INV OUT: 823.38 (N)
D62	TYPE "C" MH NEENAH R-4342 RIM: 830.61 INV IN: 823.58 (N)
D63	TYPE "C" MH NEENAH R-4342 RIM: 830.39 INV IN: 824.33 (E) INV OUT: 824.23 (N)
D64	TYPE "C" MH FLAT TOP NEENAH R-3287-SB10 RIM: 829.77 INV IN: 824.46 (E) INV OUT: 824.36 (W)
D65	TYPE "C" MH FLAT TOP NEENAH R-3287-SB10 RIM: 829.77 INV IN: 824.56 (W)
D66	TYPE "C" MH NEENAH R-4342 RIM: 830.21 INV IN: 825.53 (S) INV OUT: 825.43 (E)
D67	TYPE "A" INLET NEENAH R-3010 RIM: 829.64 INV IN: 825.68 (S) INV OUT: 825.58 (N)
D68	TYPE "A" INLET NEENAH R-3010 RIM: 829.63 INV OUT: 825.90 (N)

STRUCTURE NAME:	DETAILS:
S16	TYP MH TYPE A (CITY STD SHEET 7) RIM: 830.50 INV IN: 820.50 (W) INV OUT: 820.40 (E)
S20	TYP MH TYPE A (CITY STD SHEET 7) RIM: 830.96 INV IN: 822.30 (E)

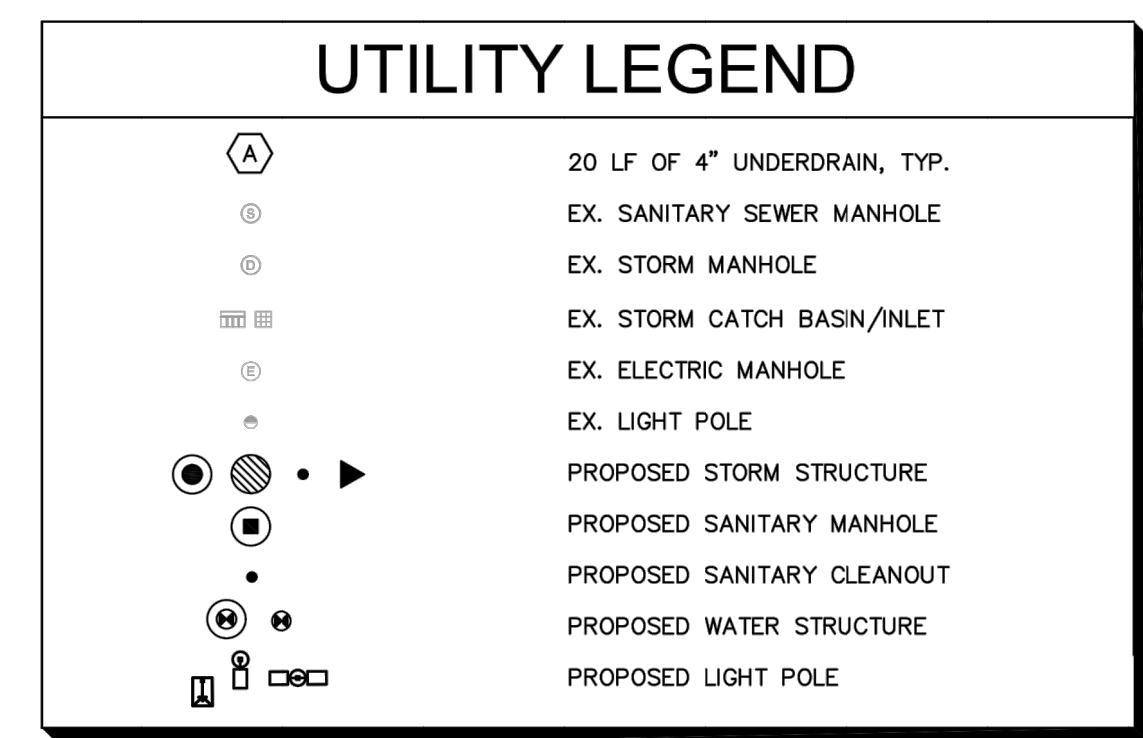
STRUCTURE NAME:	DETAILS:
S17	45" WYE INV IN: 820.95 (W) INV IN: 820.96 (S) INV OUT: 820.95 (E)
S18	45" WYE INV IN: 822.10 (W) INV IN: 822.10 (S) INV OUT: 822.10 (E)
S19	45" WYE INV IN: 822.19 (W) INV IN: 822.19 (N) INV OUT: 822.19 (E)

Indiana Utilities Protection Service

Call 811

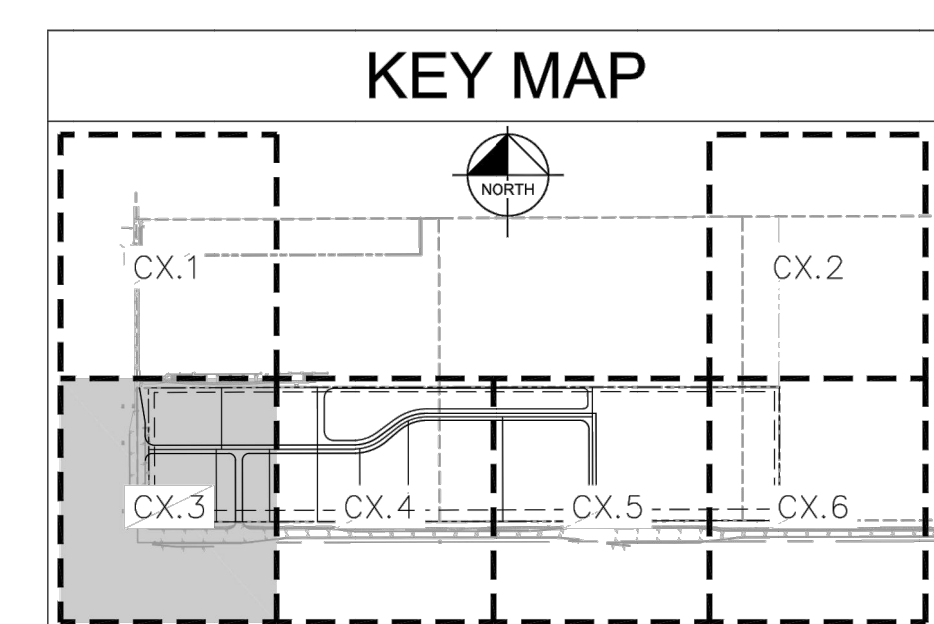
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- ALL WATER LINES SHALL BE PVC C900 DR-14 OR DUCTILE IRON CL 52 THICKNESS.
 - MAINTAIN 8 FEET OF HORIZONTAL SEPARATION BETWEEN THE WATER MAIN AND ANY STORM AND SANITARY STRUCTURES. IN LOCATIONS WHERE SEPARATION CANNOT BE MAINTAINED, USE THE APPROVED ALTERNATIVE TECHNICAL STANDARD. INSTALL THE WATER MAIN WITHIN A STEEL CASING OR INSTALL THE WATER MAIN SUCH THAT IT IS CENTERED ON THE STRUCTURE AND THE NEAREST JOINT IS 10 FT AWAY AND MAINTAIN 24 IN OF SEPARATION.
 - ALL SANITARY SEWER LINES SHALL BE PVC MEETING, ASTM D-3034 SDR 26 EXCEPT FOR SANITARY SEWER THAT CROSSES ABOVE WATER MAIN. THIS PIPE SHALL BE AWWA C900 (UNLESS WATER MAIN CASING IS UTILIZED). PROVIDE 54" MINIMUM COVER.
 - CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
 - ALL ELECTRIC AND TELEPHONE EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES.
 - CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.
 - CONTRACTOR TO CALL INDIANA 811 (811 OR 800-382-5544) TO COORDINATE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES BEFORE ORDERING MATERIALS OR COMMENCING CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
 - PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OTHER UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM THE ENGINEER AND THE OWNER/DEVELOPER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION. THE CITY OF NOBLESVILLE SHALL BE NOTIFIED OF ANY AND ALL CHANGES TO THE DESIGN PLANS.
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 - ALL DIMENSIONS ARE TO CENTERLINE OF PIPE OR CENTER OF MANHOLE UNLESS NOTED OTHERWISE.
 - SEE ARCHITECTURAL AND MEP PLANS FOR EXACT UTILITY CONNECTION LOCATIONS AT BUILDING.
 - LIGHT POLES SHOWN FOR COORDINATION PURPOSES ONLY AND DO NOT REPRESENT ACTUAL SIZE. SEE SITE LIGHTING PLANS BY OTHERS FOR MORE INFORMATION.
 - SEE DETAILS FOR LOCATING STORM STRUCTURES WITHIN THE CURB LINE.
 - STORMWATER FACILITIES MUST BE FUNCTIONAL BEFORE BUILDING CONSTRUCTION BEGINS.



NOTE: CONTRACTOR TO CAP AND MARK END OF STUB FOR ALL SANITARY LATERALS. SANITARY LATERALS TO BE 6" PVC WITH 1% MINIMUM SLOPE.

AS-BUILT



MJT	4/13/2020	REVISIONS	DATE
MJT	2/3/2020	REVISIONS	DATE
CSM	10/31/19	REVISIONS	DATE
CSM	10/08/19	REVISIONS	DATE
CVS	09/12/19	REVISIONS	DATE
NIB	08/15/19	REVISIONS	DATE
BY		REVISIONS	DATE

FIRE HYDRANT COORDINATION

WATERMAIN REVISION

EASEMENT COORDINATION

INAW REVISIONS

SANITARY/WATER REVISIONS

CITY COMMENTS

DESIGNED BY: MUT

DRAWN BY: CVS

CHECKED BY: WAB

SCALE: AS NOTED

WILLIAM A. BUTZ, JR.
REGISTERED PROFESSIONAL ENGINEER
NO. PE1066045
STATE OF INDIANA
4/7/2020

JACKSON DEVELOPMENT

UTILITY PLAN
(3 OF 6)

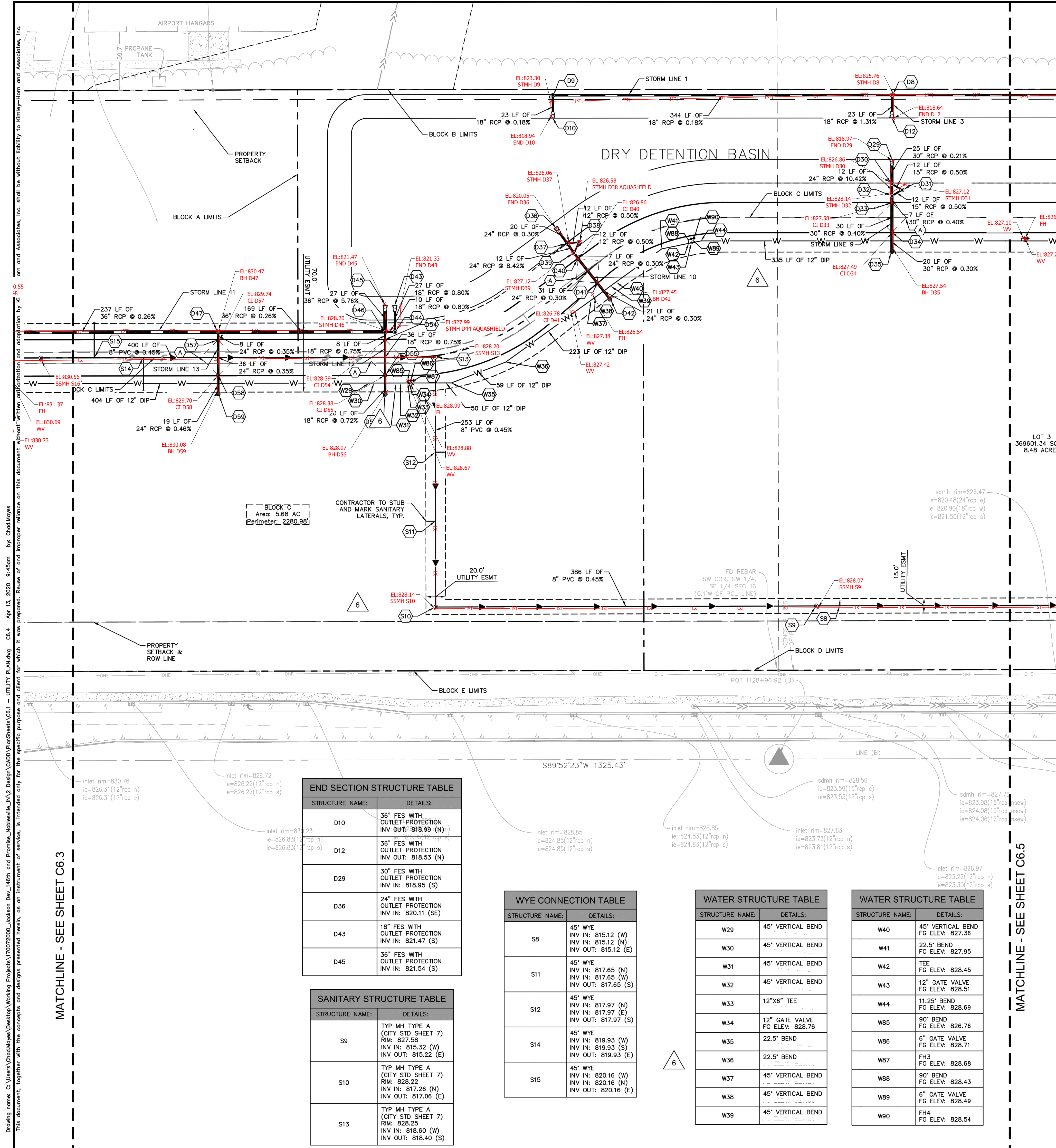
CAMPUS CENTER
146TH STREET &
PROMISE ROAD
NOBLESVILLE, IN

ORIGINAL ISSUE:
04/29/2019

KHA PROJECT NO.
170072000

SHEET NUMBER

C6.3



STORM STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
D8	TYPE "K" MH NEENAH R-1772 RIM: 826.17 INV IN: 818.23 (W) INV OUT: 818.13 (E)
D9	TYPE "K" MH NEENAH R-1772 RIM: 826.17 INV IN: 818.95 (S) INV OUT: 818.85 (E)
D30	TYPE "K" MH NEENAH R-1772 RIM: 826.61 INV IN: 819.11 (S) INV IN: 819.11 (SE) INV OUT: 819.01 (N)
D31	AQUASWRL AS-9 NEENAH R-1772 RIM: 827.21 INV IN: 819.17 (SW) INV OUT: 819.17 (NW)
D32	TYPE "K" MH NEENAH R-1772 RIM: 827.92 INV IN: 819.33 (S) INV OUT: 820.36 (N) INV OUT: 819.23 (NE)
D33	TYPE "J" MH FLAT TOP NEENAH R-3287-SB10 RIM: 827.51 INV IN: 819.45 (S) INV OUT: 819.35 (N)
D34	TYPE "J" MH FLAT TOP NEENAH R-3287-SB10 RIM: 827.51 INV IN: 819.68 (S) INV OUT: 819.58 (N)
D35	TYPE "J" MH FLAT TOP NEENAH R-3287-SB10 RIM: 827.51 INV IN: 819.74 (N)
D37	TYPE "K" MH NEENAH R-1772 RIM: 826.55 INV IN: 820.27 (SE) INV IN: 820.27 (E) INV OUT: 820.17 (NW)
D38	AQUASWRL AS-6 NEENAH R-1772 RIM: 826.89 INV IN: 820.33 (W) INV OUT: 820.33 (W)
D39	TYPE "K" MH NEENAH R-1772 RIM: 827.20 INV IN: 820.49 (SE) INV OUT: 821.28 (NW) INV OUT: 820.39 (NE)
D40	TYPE "C" MH FLAT TOP NEENAH R-3287-SB10 RIM: 826.69 INV IN: 820.61 (SE) INV OUT: 820.51 (NW)
D41	TYPE "C" MH FLAT TOP NEENAH R-3287-SB10 RIM: 826.69 INV IN: 820.80 (SE) INV OUT: 820.70 (NW)
D42	TYPE "C" MH NEENAH R-4342 RIM: 827.40 INV OUT: 820.87 (NW)
D44	AQUASWRL AS-11 NEENAH R-1772 RIM: 828.44 INV IN: 821.69 (W) INV OUT: 821.69 (N)
D46	TYPE "K" MH NEENAH R-1772 RIM: 828.48 INV IN: 821.87 (S) INV IN: 821.87 (W) INV OUT: 821.77 (E) INV OUT: 821.77 (E)
D47	TYPE "K" MH NEENAH R-4342 RIM: 830.30 INV IN: 822.41 (W) INV IN: 822.41 (S) INV OUT: 822.31 (E)
D54	TYPE "C" MH FLAT TOP NEENAH R-3287-SB10 RIM: 828.33 INV IN: 822.03 (S) INV OUT: 821.93 (N)
D55	TYPE "C" MH FLAT TOP NEENAH R-3287-SB10 RIM: 828.33 INV IN: 822.40 (S) INV OUT: 822.30 (N)
D56	TYPE "C" MH NEENAH R-4342 RIM: 829.04 INV OUT: 822.54 (N)
D57	TYPE "C" MH FLAT TOP NEENAH R-3287-SB10 RIM: 829.68 INV IN: 822.54 (S) INV OUT: 822.44 (N)
D58	TYPE "C" MH FLAT TOP NEENAH R-3287-SB10 RIM: 829.68 INV IN: 822.76 (S) INV OUT: 822.66 (N)
D59	TYPE "C" MH NEENAH R-4342 RIM: 830.39 INV OUT: 822.85 (N)

Indiana Utilities Protection Service

Call 811

before you dig

- ### UTILITY NOTES
- #### GENERAL UTILITY NOTES
- ALL WATER LINES SHALL BE PVC C900 DR-14 OR DUCTILE IRON CL. 52 THICKNESS.
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UTILITY LEGEND

- (A) 20 LF OF 4" UNDERDRAIN, TYP.
- EX. SANITARY SEWER MANHOLE
- EX. STORM MANHOLE
- EX. STORM CATCH BASIN/INLET
- EX. ELECTRIC MANHOLE
- EX. LIGHT POLE
- PROPOSED STORM STRUCTURE
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY CLEANOUT
- PROPOSED WATER STRUCTURE
- PROPOSED LIGHT POLE

NOTE: CONTRACTOR TO CAP AND MARK END OF STUB FOR ALL SANITARY LATERALS. SANITARY LATERALS TO BE 6" PVC WITH 1% MINIMUM SLOPE.

END SECTION STRUCTURE TABLE

STRUCTURE NAME:	DETAILS:
D10	36" FES WITH OUTLET PROTECTION INV IN: 818.99 (N)
D12	36" FES WITH OUTLET PROTECTION INV IN: 818.53 (N)
D29	30" FES WITH OUTLET PROTECTION INV IN: 818.95 (S)
D36	24" FES WITH OUTLET PROTECTION INV IN: 820.11 (SE)
D43	18" FES WITH OUTLET PROTECTION INV IN: 821.47 (S)
D45	36" FES WITH OUTLET PROTECTION INV IN: 821.54 (S)

SANITARY STRUCTURE TABLE

STRUCTURE NAME:	DETAILS:
S9	TYP MH TYPE A (CITY STD SHEET 7) RIM: 827.58 INV IN: 815.32 (W) INV IN: 819.93 (S) INV OUT: 815.22 (E)
S10	TYP MH TYPE A (CITY STD SHEET 7) RIM: 828.25 INV IN: 817.26 (N) INV OUT: 817.06 (E)
S13	TYP MH TYPE A (CITY STD SHEET 7) RIM: 828.25 INV IN: 818.60 (W) INV OUT: 818.40 (S)

WYE CONNECTION TABLE

STRUCTURE NAME:	DETAILS:
S8	45" WYE INV IN: 815.12 (W) INV IN: 815.12 (N) INV OUT: 815.12 (E)
S11	45" WYE INV IN: 817.65 (N) INV IN: 817.65 (W) INV OUT: 817.65 (S)
S12	45" WYE INV IN: 817.97 (N) INV IN: 817.97 (E) INV OUT: 817.97 (S)
S14	45" WYE INV IN: 819.93 (W) INV IN: 819.93 (S) INV OUT: 819.93 (E)
S15	45" WYE INV IN: 820.16 (W) INV IN: 820.16 (N) INV OUT: 820.16 (E)

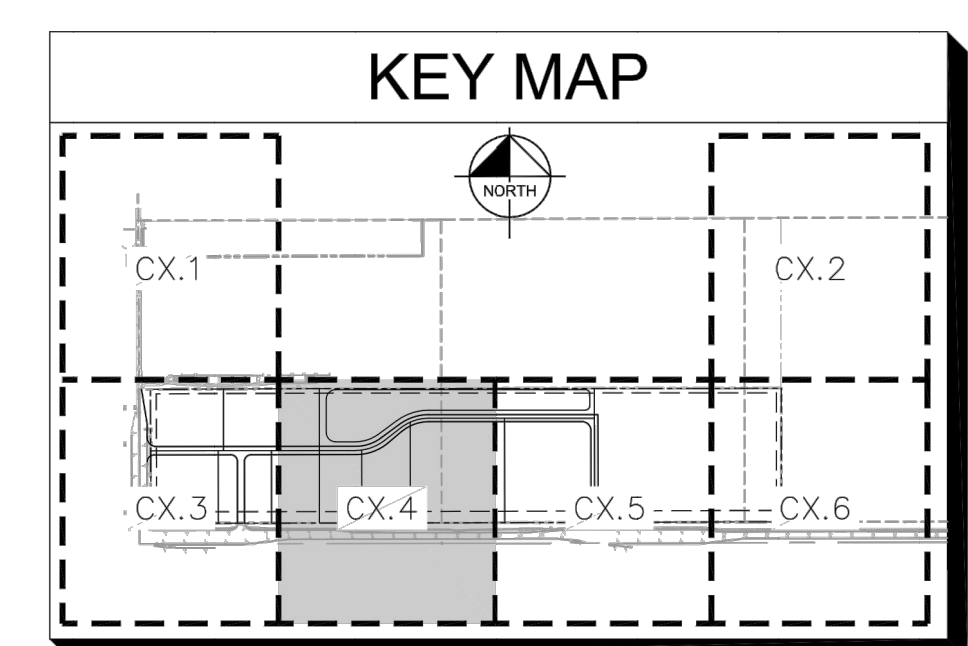
WATER STRUCTURE TABLE

STRUCTURE NAME:	DETAILS:
W29	45" VERTICAL BEND
W30	45" VERTICAL BEND
W31	45" VERTICAL BEND
W32	45" VERTICAL BEND
W33	12"x6" TEE
W34	12" GATE VALVE FG ELEV: 828.76
W35	22.5" BEND
W36	22.5" BEND
W37	45" VERTICAL BEND
W38	45" VERTICAL BEND
W39	45" VERTICAL BEND

WATER STRUCTURE TABLE

STRUCTURE NAME:	DETAILS:
W40	45" VERTICAL BEND FG ELEV: 827.36
W41	22.5" BEND FG ELEV: 827.95
W42	TEE FG ELEV: 828.45
W43	12" GATE VALVE FG ELEV: 828.51
W44	11.25" BEND FG ELEV: 828.69
W45	90° BEND FG ELEV: 826.76
W46	6" GATE VALVE FG ELEV: 828.71
W47	FHS FG ELEV: 828.68
W48	90° BEND FG ELEV: 828.43
W49	6" GATE VALVE FG ELEV: 828.49
W90	FH4 FG ELEV: 828.54

AS-BUILT



DATE	REVISIONS
4/13/2020	MJT
2/13/2020	MJT
2/3/2020	MJT
10/31/19	CSM
10/08/19	CSM
09/12/19	CVS
08/15/19	NJB
	BY

SCALE:	AS NOTED
DESIGNED BY:	MJT
DRAWN BY:	CVS
CHECKED BY:	WBS

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WILLIAM A. BUIZ, JR. REGISTERED PROFESSIONAL ENGINEER No. PE1060645

JACKSON DEVELOPMENT

UTILITY PLAN (4 OF 6)

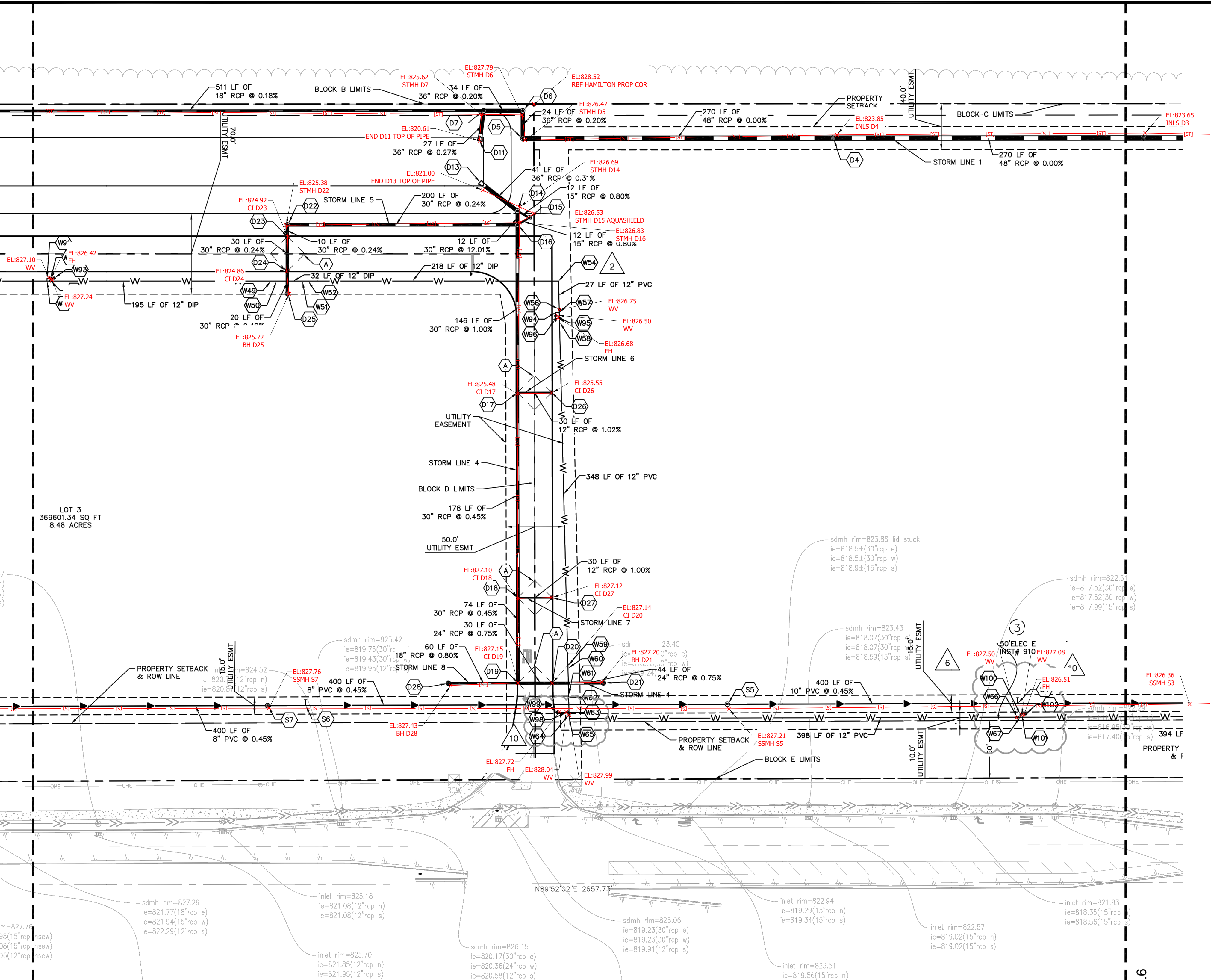
CAMPUS CENTER 146TH STREET & PROMISE ROAD NOBLESVILLE, IN

ORIGINAL ISSUE: 04/29/2019
KHA PROJECT NO. 170072000
SHEET NUMBER C6.4

Drawing name: C:\Users\Chad.Meyers\Desktop\Projects\170072000_Jackson Dev...146th and Promise...Noblesville_IN2 Design\CADD\PlanSheets\C6.1 - UTILITY PLAN.dwg
 Date: 04/13/2020 9:45am By: Chad.Meyers
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Drawing name: C:\Users\Chad.Moyes\Desktop\Projects\170072000_Jackson Dev_14th and Promise_Noblesville\N2_CADD\PlanSheet\C6.1 - UTILITY PLAN.dwg
 Date: 05.5 Apr. 13, 2020 9:45am By: Chad.Moyes
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MATCHLINE - SEE SHEET C6.4



STRUCTURE NAME:	DETAILS:
S5	TYP MH TYPE A (CITY STD SHEET 7) RIM: 826.80 INV IN: 811.52 (W) INV OUT: 811.42 (E)
S7	TYP MH TYPE A (CITY STD SHEET 7) RIM: 827.50 INV IN: 813.42 (W) INV OUT: 813.32 (E)

STRUCTURE NAME:	DETAILS:
S4	45\"/>

STRUCTURE NAME:	DETAILS:
W47	12\"/>

STRUCTURE NAME:	DETAILS:
W61	45\"/>

STRUCTURE NAME:	DETAILS:
W96	FH6 FG ELEV: 826.50
W98	6\"/>

STORM STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
D4	TYPE \"C\" MH NEENAH R-3472 RIM: 823.80 INV IN: 816.79 (W) INV OUT: 816.79 (E)
D5	OUTLET CONTROL STRUCTURE (SEE DETAILS) NEENAH R-1772 RIM: 826.37 INV IN: 816.89 (N) INV OUT: 816.79 (E)
D6	TYPE \"K\" MH NEENAH R-1772 RIM: 827.80 INV IN: 817.04 (W) INV OUT: 816.94 (S)
D7	TYPE \"K\" MH NEENAH R-1772 RIM: 826.17 INV IN: 817.21 (W) INV OUT: 817.11 (E)
D14	TYPE \"K\" MH NEENAH R-1772 RIM: 826.69 INV IN: 817.04 (W) INV OUT: 816.94 (S)
D15	AQUASWRL AS-11 NEENAH R-1772 RIM: 826.85 INV IN: 817.72 (SW) INV OUT: 817.72 (NW)
D16	TYPE \"K\" MH NEENAH R-1772 RIM: 826.84 INV IN: 817.91 (S) INV IN: 817.91 (W) INV OUT: 819.06 (N) INV OUT: 817.81 (NE)
D17	TYPE \"J\" MH FLAT TOP NEENAH R-3287-SB10 RIM: 825.54 INV IN: 819.83 (S) INV IN: 821.90 (E) INV OUT: 819.37 (N)
D18	TYPE \"J\" MH FLAT TOP NEENAH R-3287-SB10 RIM: 827.08 INV IN: 823.44 (E) INV IN: 820.73 (S) INV OUT: 820.63 (N)
D19	TYPE \"J\" MH FLAT TOP NEENAH R-3287-SB10 RIM: 827.18 INV IN: 821.17 (W) INV IN: 821.17 (E) INV OUT: 821.07 (N)
D20	TYPE \"C\" MH FLAT TOP NEENAH R-3287-SB10 RIM: 827.18 INV IN: 821.49 (E) INV OUT: 821.39 (W)
D21	TYPE \"C\" MH NEENAH R-4342 RIM: 827.21 INV OUT: 821.82 (W)
D22	TYPE \"J\" MH NEENAH R-1772 RIM: 825.85 INV IN: 818.49 (S) INV OUT: 818.39 (E)
D23	TYPE \"J\" MH FLAT TOP NEENAH R-3287-SB10 RIM: 824.94 INV IN: 818.61 (S) INV OUT: 818.51 (N)
D24	TYPE \"J\" MH FLAT TOP NEENAH R-3287-SB10 RIM: 824.94 INV IN: 818.79 (S) INV OUT: 818.69 (N)
D25	TYPE \"J\" MH NEENAH R-4342 RIM: 825.83 INV OUT: 818.88 (N)
D26	TYPE \"J\" MH INLET NEENAH R-3287-SB10 RIM: 825.54 INV OUT: 822.20 (W)
D27	TYPE \"J\" MH INLET NEENAH R-3287-SB10 RIM: 827.08 INV OUT: 823.74 (W)
D28	TYPE \"C\" MH NEENAH R-4342 RIM: 827.44 INV OUT: 821.65 (E)

END SECTION STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
D11	36\"/>
D13	36\"/>

Indiana Utilities Protection Service

Call 811

before you dig

UTILITY NOTES

GENERAL UTILITY NOTES

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UTILITY LEGEND

- (A) 20 LF OF 4\"/>

AS-BUILT

KEY MAP

DATE	BY
4/13/2020	MJT
2/13/2020	MJT
2/13/2020	MJT
10/31/19	CSM
10/08/19	CSM
09/12/19	CVS
08/15/19	NJB
	REVISIONS

SCALE: AS NOTED

DESIGNED BY: MJT

DRAWN BY: CVS

CHECKED BY: WBS

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INDIANAPOLIS, IN 46240
WWW.KIMLEY-HORN.COM

WILLIAM A. BUIZ, JR.
REGISTERED PROFESSIONAL ENGINEER
No. PE1006045
4/7/2020

JACKSON DEVELOPMENT

UTILITY PLAN (5 OF 6)

CAMPUS CENTER
146TH STREET &
PROMISE ROAD
NOBLESVILLE, IN

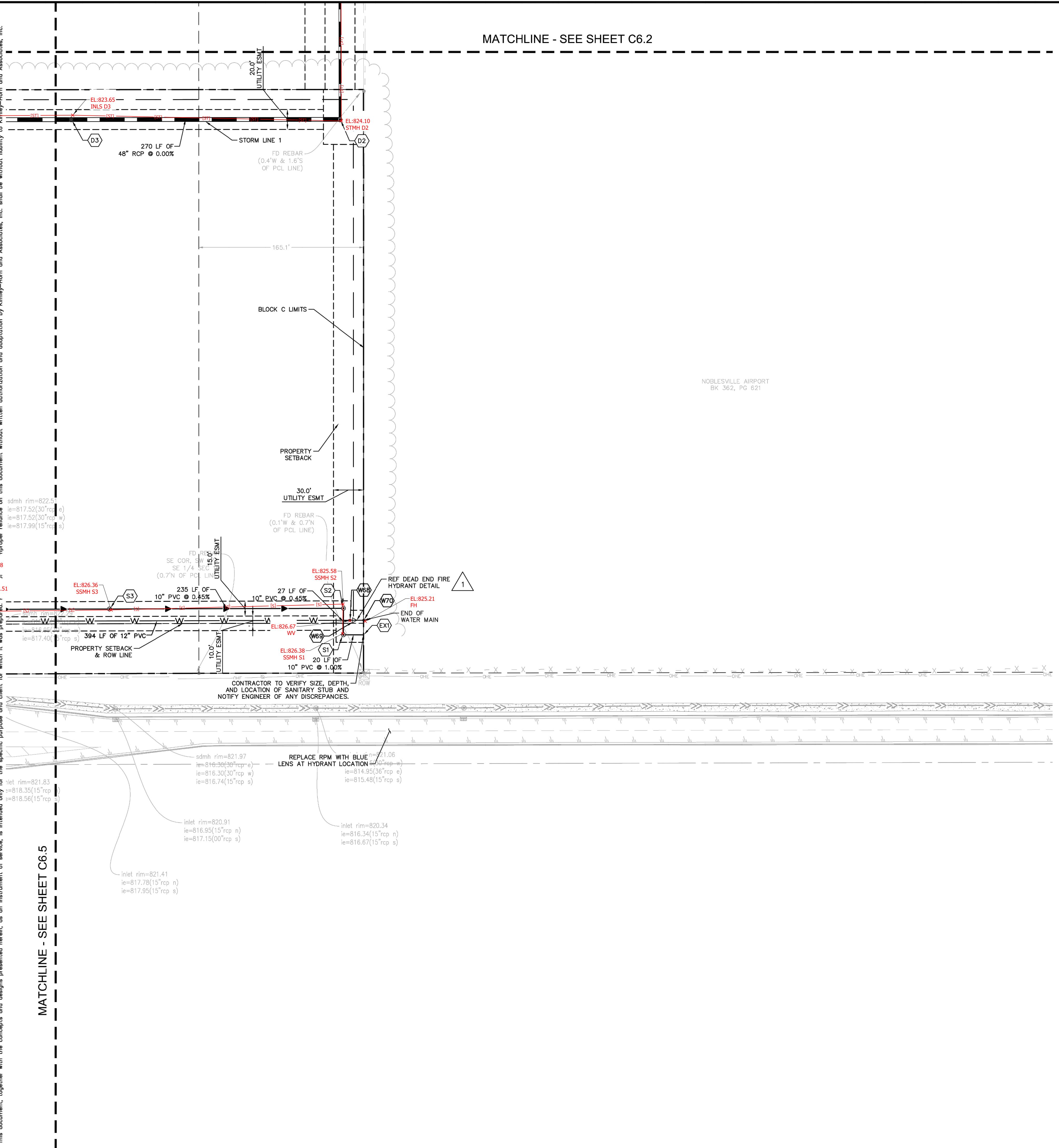
ORIGINAL ISSUE: 04/29/2019
KHA PROJECT NO. 170072000
SHEET NUMBER

C6.5

Drawing name: C:\Users\Chad.Meyers\Desktop\Working Projects\170072000_Jackson Dev_146th and Promise_Noblesville_IN2_Design\CADD\PlanSheets\C6.1 - UTILITY PLAN.dwg
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 Date: 04/13/2020 9:46am
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MATCHLINE - SEE SHEET C6.2

MATCHLINE - SEE SHEET C6.5



STORM STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
D2	OUTLET CONTROL STRUCTURE (SEE DETAILS) NEENAH R-1772 RIM: 824.11 INV IN: 816.79 (W) INV OUT: 816.59 (N)
D3	TYPE "K" MH NEENAH R-3472 RIM: 823.80 INV IN: 816.79 (W) INV OUT: 816.79 (E)

SANITARY STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
EX1	CONNECT TO EXISTING SSWR STUB RIM: 805.79 INV IN: 804.89 (W) INV OUT: 804.89 (E)
S1	TYP MH TYPE B (CITY STD SHEET 7) RIM: 825.92 INV IN: 806.06 (N) INV OUT: 805.09 (E)
S2	TYP MH TYPE A (CITY STD SHEET 7) RIM: 825.49 INV IN: 806.38 (W) INV OUT: 806.18 (S)
S3	TYP MH TYPE A (CITY STD SHEET 7) RIM: 826.13 INV IN: 809.62 (W) INV OUT: 807.44 (E)

WATER STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
W68	12" GATE VALVE FG ELEV: 825.68
W69	12X6 REDUCER
W70	TEMPORARY FIRE HYDRANT ASSEMBLY FG ELEV: 825.67

before you dig

NORTH

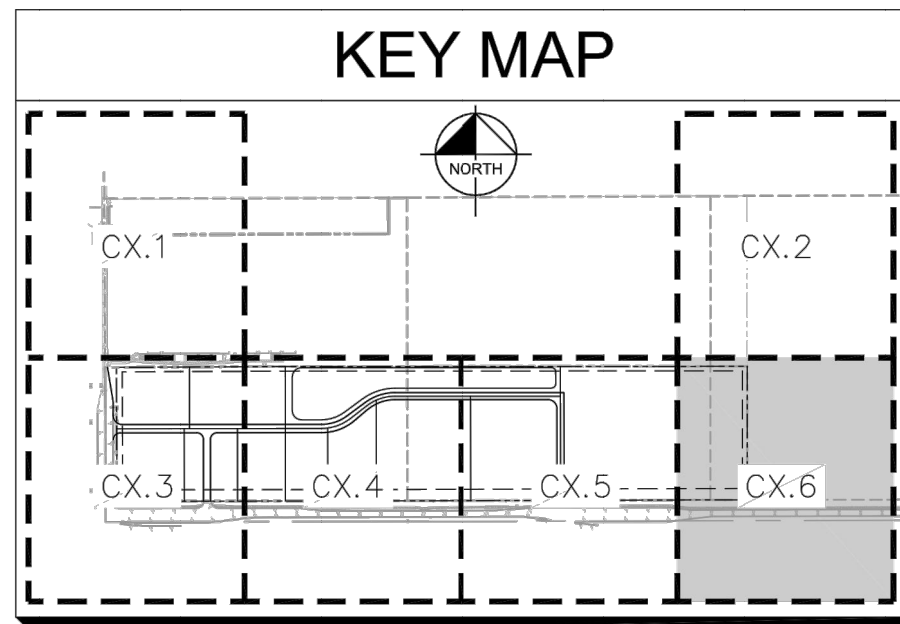
GRAPHIC SCALE IN FEET
0 25 50 100

- ### UTILITY NOTES
- GENERAL UTILITY NOTES**
- ALL WATER LINES SHALL BE PVC C900 DR-14 OR DUCTILE IRON CL 52 THICKNESS.
 - MAINTAIN 8 FEET OF HORIZONTAL SEPARATION BETWEEN THE WATER MAIN AND ANY STORM AND SANITARY STRUCTURES. IN LOCATIONS WHERE SEPARATION CANNOT BE MAINTAINED, USE THE APPROVED ALTERNATIVE TECHNICAL STANDARD. INSTALL THE WATER MAIN WITHIN A STEEL CASING OR INSTALL THE WATER MAIN SUCH THAT IT IS CENTERED ON THE STRUCTURE AND THE NEAREST JOINT IS 10 FT AWAY AND MAINTAIN 24 IN OF SEPARATION.
 - ALL SANITARY SEWER LINES SHALL BE PVC MEETING ASTM D-3034 SDR 26 EXCEPT FOR SANITARY SEWER THAT CROSSES ABOVE WATER MAIN, THIS PIPE SHALL BE AWWA C900 (UNLESS WATER MAIN CASING IS UTILIZED). PROVIDE 54" MINIMUM COVER.
 - CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
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- ### UTILITY LEGEND
- 20 LF OF 4" UNDERDRAIN, TYP.
 - EX. SANITARY SEWER MANHOLE
 - EX. STORM MANHOLE
 - EX. STORM CATCH BASIN/INLET
 - EX. ELECTRIC MANHOLE
 - EX. LIGHT POLE
 - PROPOSED STORM STRUCTURE
 - PROPOSED SANITARY MANHOLE
 - PROPOSED SANITARY CLEANOUT
 - PROPOSED WATER STRUCTURE
 - PROPOSED LIGHT POLE

NOTE: CONTRACTOR TO CAP AND MARK END OF STUB FOR ALL SANITARY LATERALS. SANITARY LATERALS TO BE 6" PVC WITH 1% MINIMUM SLOPE.

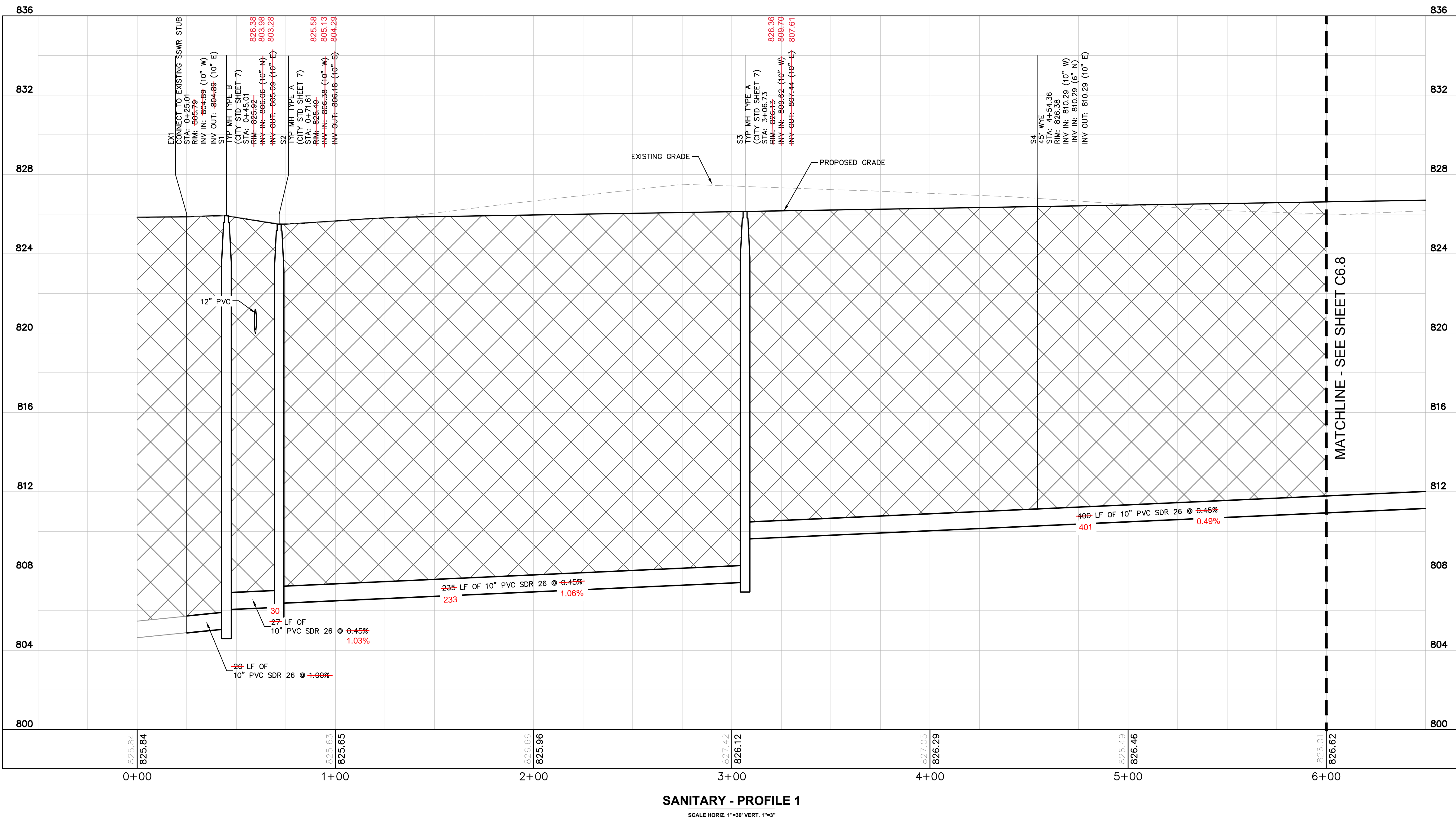
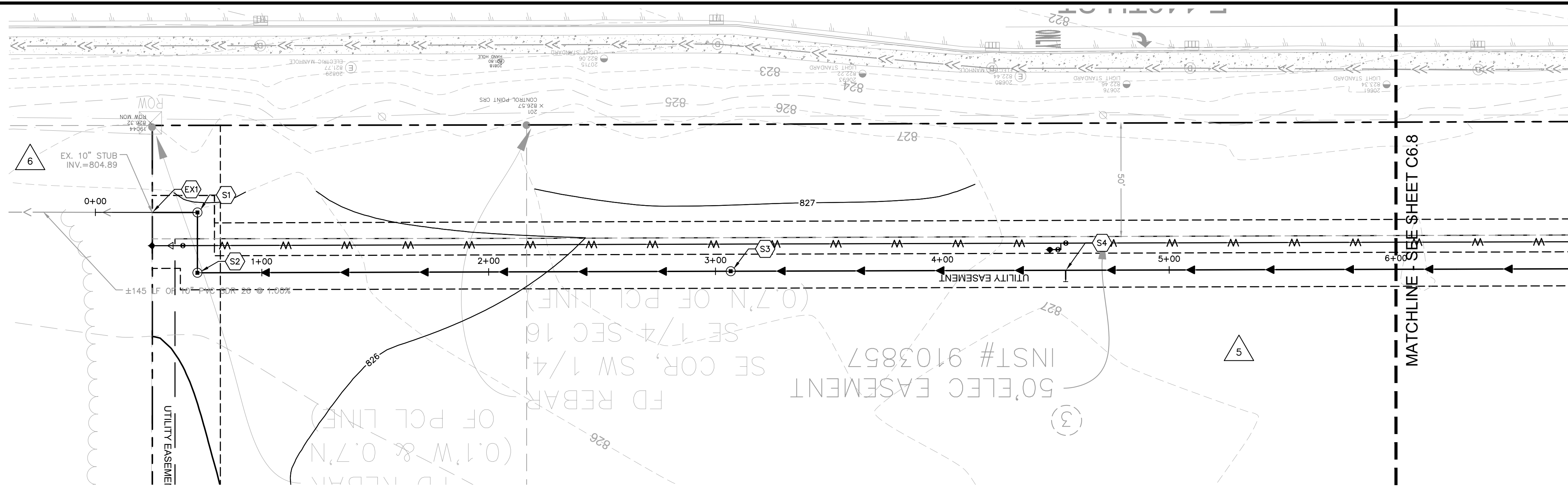
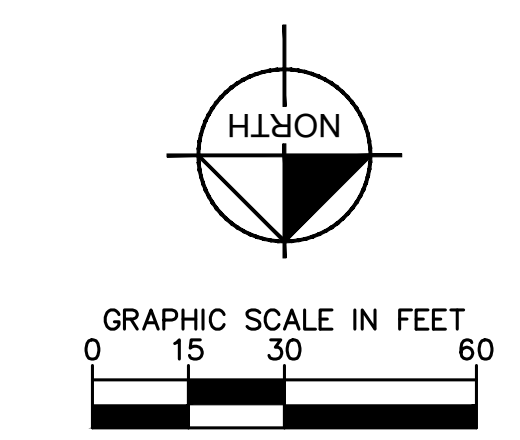
AS-BUILT



<p>Kimley-Horn AND ASSOCIATES, INC. 250 EAST 96TH STREET, SUITE 580, INDIANAPOLIS, IN 46240 WWW.KIMLEY-HORN.COM</p>	SCALE: AS NOTED DESIGNED BY: MJT DRAWN BY: CVS CHECKED BY: WBS REG. PROFESSIONAL ENGINEER No. PE1060645 4/7/2020
	UTILITY PLAN (6 OF 6)
CAMPUS CENTER 146TH STREET & PROMISE ROAD NOBLESVILLE, IN	ORIGINAL ISSUE: 04/29/2019 KHA PROJECT NO. 170072000 SHEET NUMBER C6.6

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Drawing name: C:\Users\Chad.Moyes\Desktop\Working Projects\170072000_Jackson Dev., 14th and Promise, Noblesville, IN\2 Design\CADD\PlanSheets\C6.7 SANITARY PLAN & PROFILES (1 OF 5) Apr 13, 2020 8:46am by Chad.Moyes
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AS-BUILT

NOTES AND LEGEND

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GRANULAR BACKFILL REQUIRED BENEATH AND WITHIN 5 FEET OF PAVEMENT

DATE	BY	REVISIONS			
06/15/19	NJB	CITY COMMENTS			
09/12/19	CVS	SANITARY/WATER REVISIONS			
10/08/19	CSM	INAW REVISIONS			
10/31/19	CSM	INAW REVISIONS			
2/3/2020	MJT	EASEMENT COORDINATION			
4/13/2020	MJT	FIRE HYDRANT COORDINATION			

William A. Butz, Jr.
REGISTERED PROFESSIONAL ENGINEER
No. PE1006045
EXPIRES 12/31/2024
4/7/2020

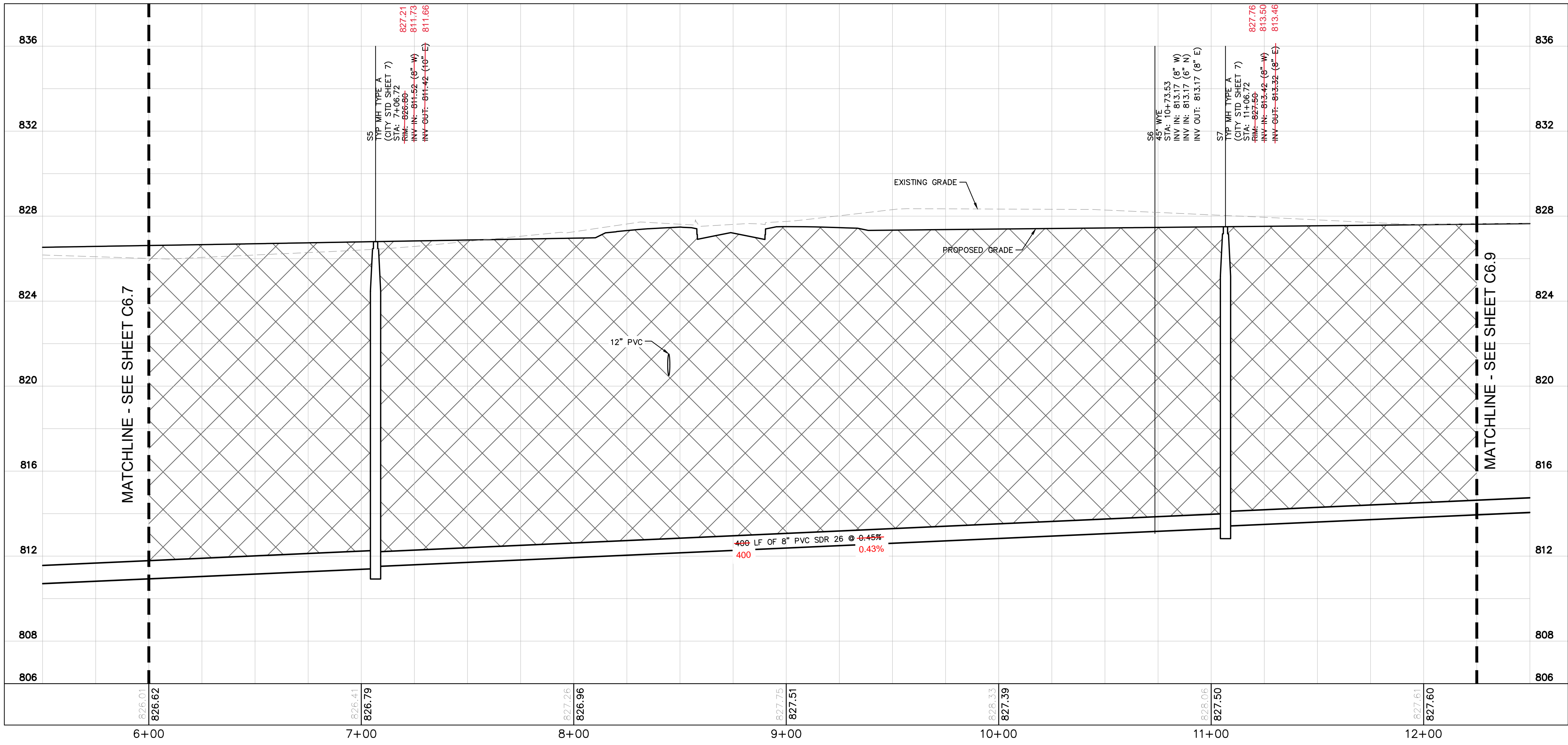
JACKSON DEVELOPMENT

SANITARY PLAN & PROFILES (1 OF 5)

**CAMPUS CENTER
146TH STREET &
PROMISE ROAD
NOBLESVILLE, IN**

ORIGINAL ISSUE: 04/29/2019
KHA PROJECT NO. 170072000
SHEET NUMBER
C6.7

Drawing name: C:\Users\Chad.Moyes\Desktop\Working Projects\170072000_Jackson Dev., 14th and Promise_Noblesville_IN_2 Design\CADD\PlanSheets\C6.7 SANITARY PLAN & PROFILES (2 OF 5). Apr 13, 2020 9:46am by Chad.Moyes
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SANITARY - PROFILE 2
 SCALE HORIZ. 1"=30' VERT. 1"=3'

Indiana Utilities Protection Service
Call 811 before you dig

GRAPHIC SCALE IN FEET
 0 15 30 60

4/13/2020
 2/13/2020
 2/13/2020
 10/31/19
 10/08/19
 09/12/19
 08/15/19

UTILITY NOTES

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GRANULAR BACKFILL
 REQUIRED BENEATH AND WITHIN 5 FEET OF PAVEMENT

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 INDIANAPOLIS, IN 46240
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JACKSON DEVELOPMENT

SANITARY PLAN & PROFILES (2 OF 5)

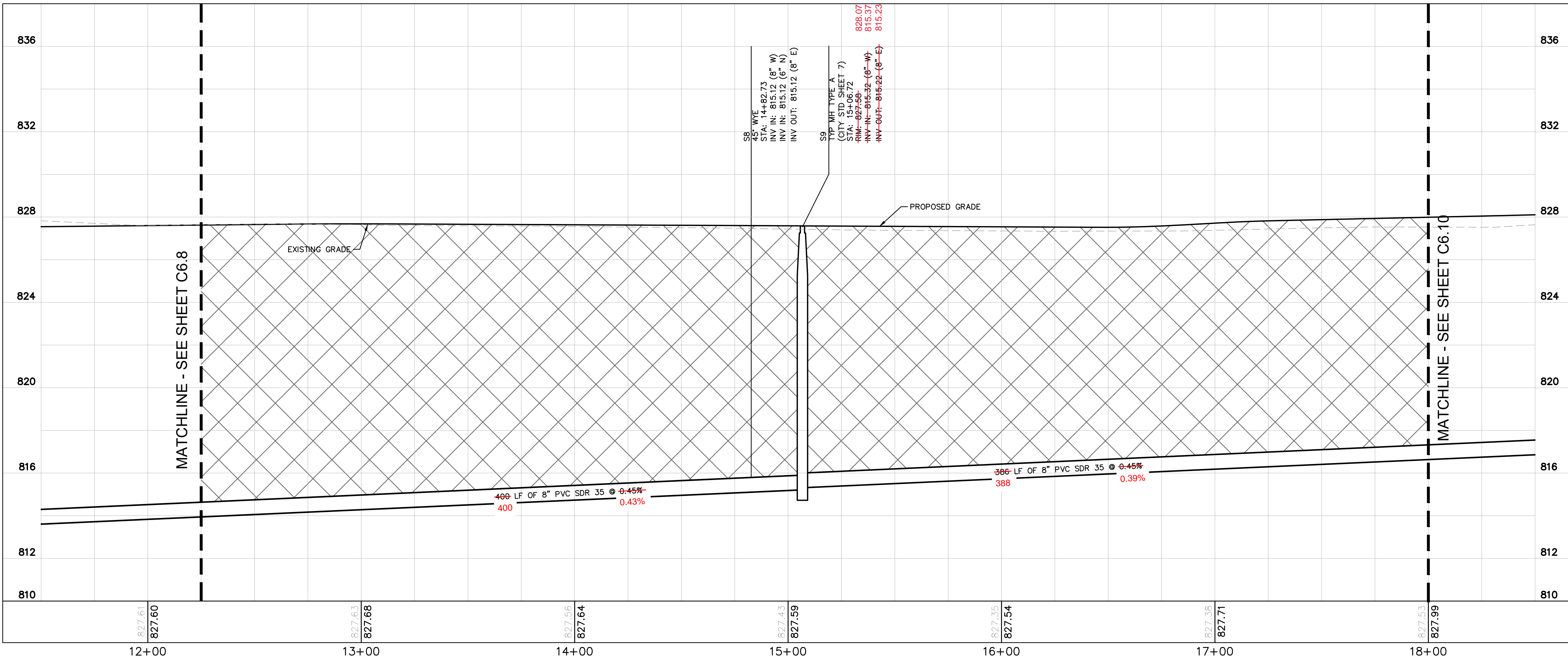
**CAMPUS CENTER
 146TH STREET &
 PROMISE ROAD
 NOBLESVILLE, IN**

ORIGINAL ISSUE:
 04/29/2019

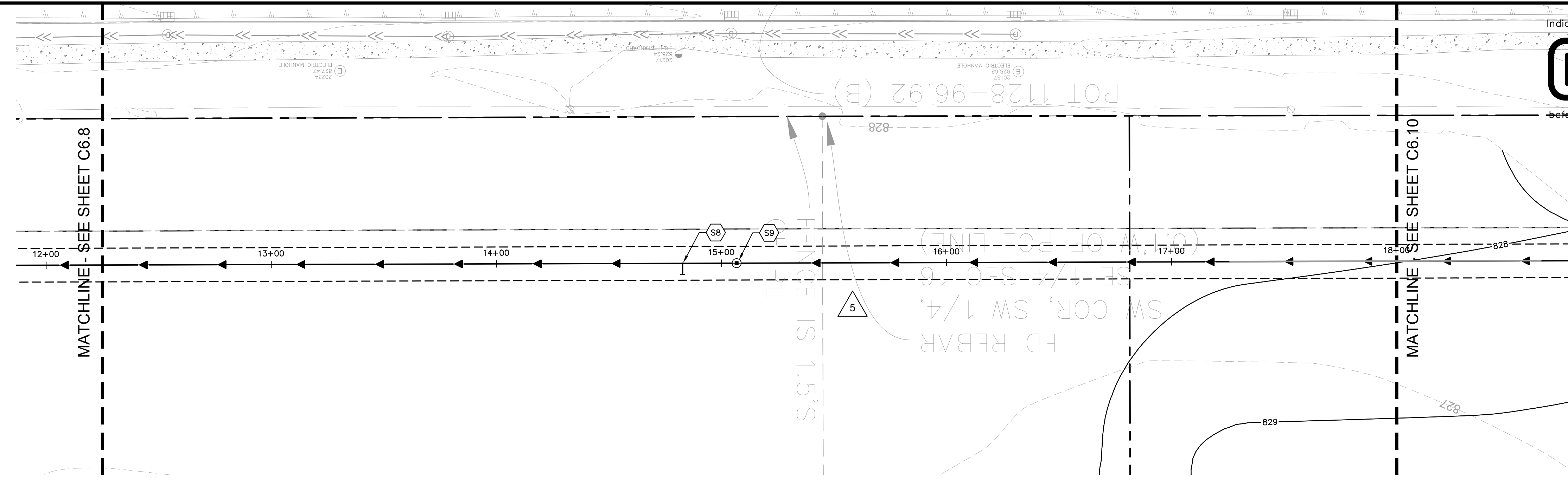
KHA PROJECT NO.
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Drawing name: C:\Users\Chad.Moyes\Desktop\Working Projects\170072000_Jackson Dev., 14th and Promise_Noblesville_IN_2 Design\CADD\PlanSheets\C6.7 SANITARY PLAN & PROFILES (3 OF 5) Apr 13, 2020 9:46am by Chad.Moyes
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SANITARY - PROFILE 3
SCALE HORIZ. 1"=30' VERT. 1"=3'



Indiana Utilities Protection Service
Call 811
before you dig

GRAPHIC SCALE IN FEET
0 15 30 60

NORTH

UTILITY NOTES

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GRANULAR BACKFILL
REQUIRED BENEATH AND WITHIN 5 FEET OF PAVEMENT

DATE	BY	REVISIONS
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09/12/19	CVS	SANITARY/WATER REVISIONS
10/08/19	CSM	INAW REVISIONS
10/31/19	CSM	INAW REVISIONS
2/3/2020	MJT	EASEMENT COORDINATION
4/13/2020	MJT	FIRE HYDRANT COORDINATION

AS NOTED
DESIGNED BY: MJT
DRAWN BY: CVS
CHECKED BY: WAB

Kimley-Horn
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250 EAST 96TH STREET, SUITE 550,
INDIANAPOLIS, IN 46240
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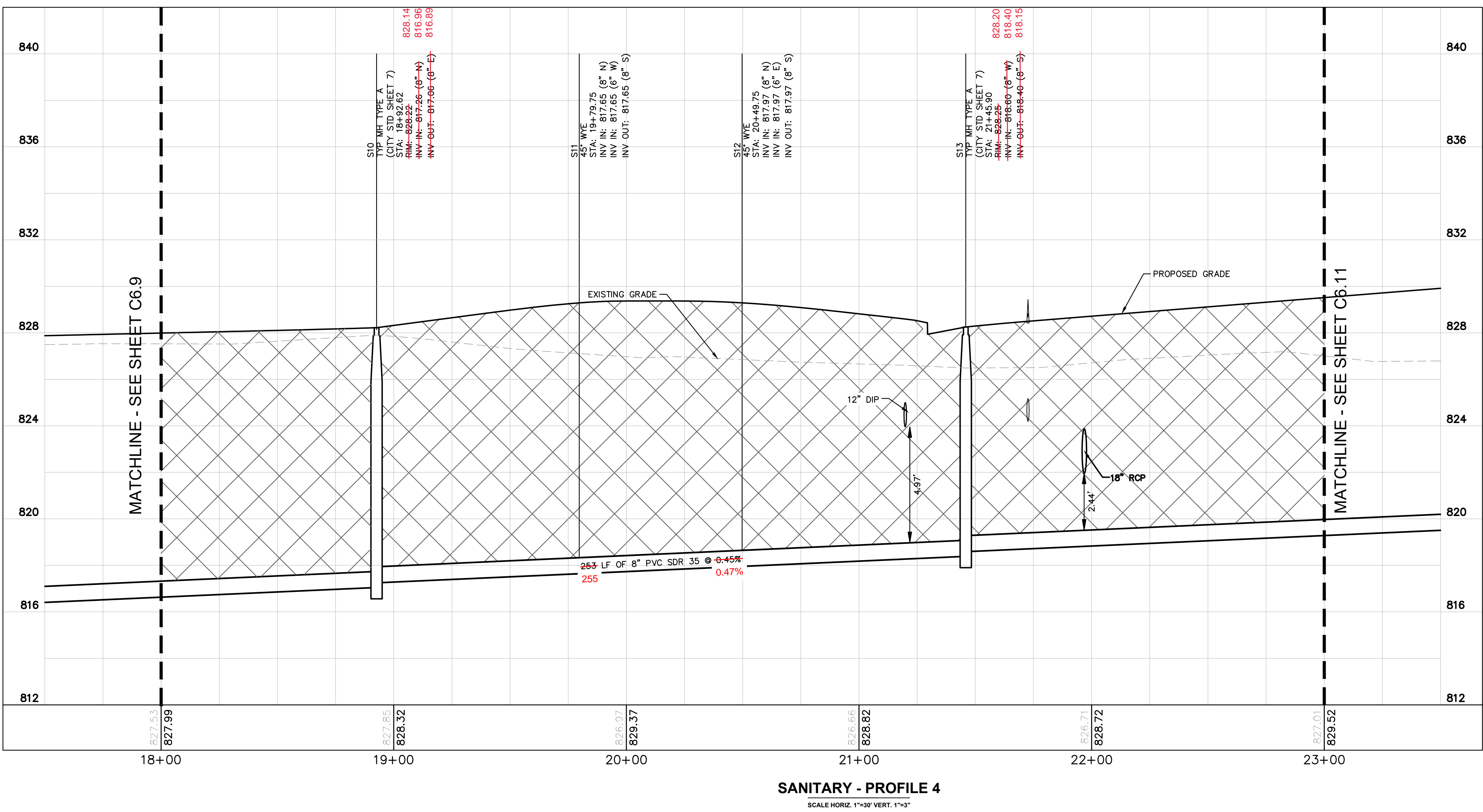
JACKSON DEVELOPMENT

SANITARY PLAN & PROFILES (3 OF 5)

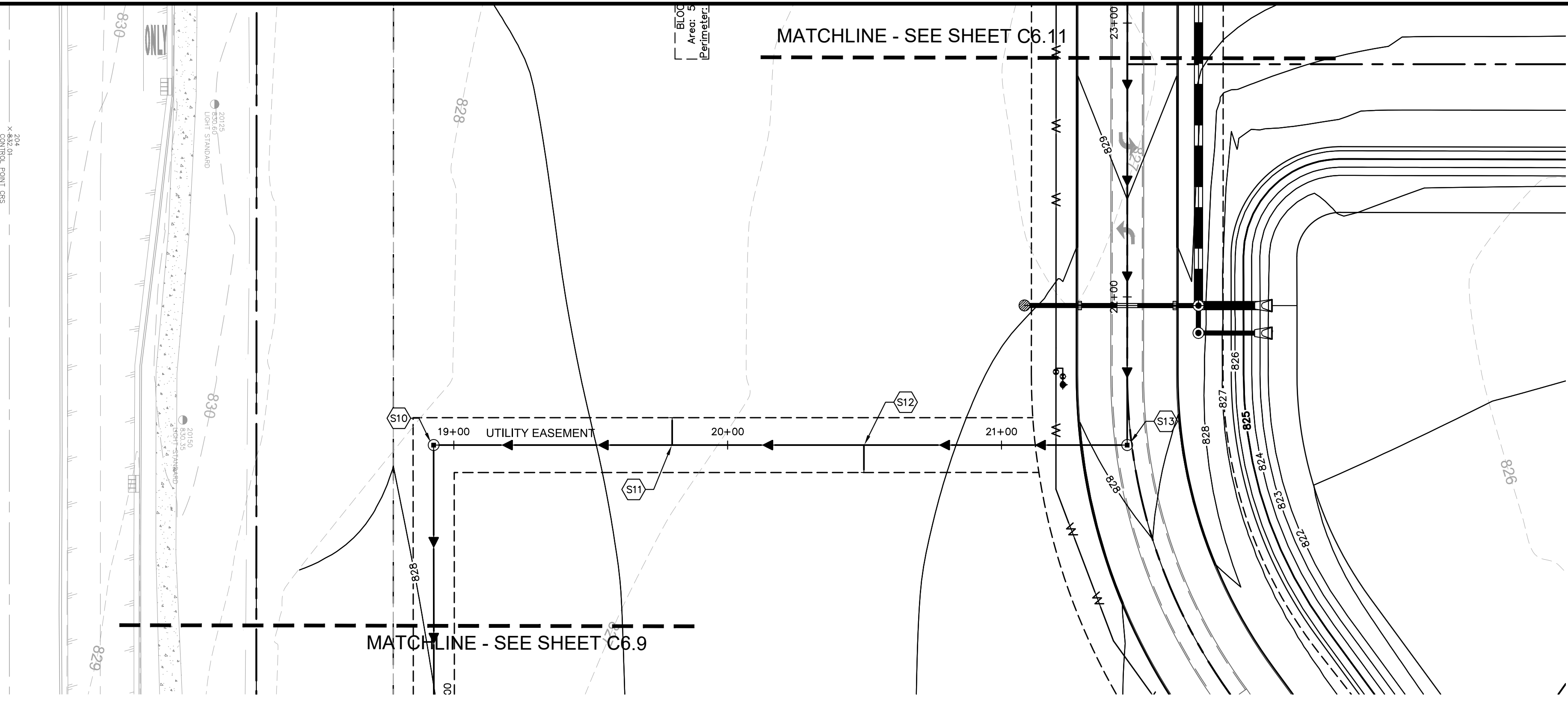
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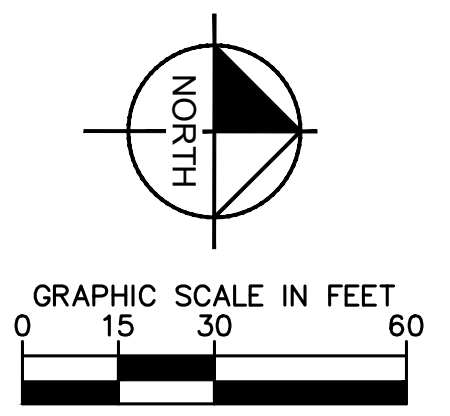
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SANITARY - PROFILE 4
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Indiana Utilities Protection Service
Call 811
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GRANULAR BACKFILL REQUIRED BENEATH AND WITHIN 5 FEET OF PAVEMENT

	DATE	BY	N/A	N/A	N/A	N/A	N/A
	4/13/2020	MJT					
FIRE HYDRANT COORDINATION	2/13/2020	MJT					
WATERMAIN REVISION	10/31/19	CSM					
EASEMENT COORDINATION	10/08/19	CSM					
INAW REVISIONS	09/12/19	CVS					
INAW REVISIONS	08/15/19	NJB					
SANITARY/WATER REVISIONS							
CITY COMMENTS							
REVISIONS							

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JACKSON
 DEVELOPMENT

SANITARY PLAN & PROFILES (4 OF 5)

**CAMPUS CENTER
 146TH STREET &
 PROMISE ROAD
 NOBLESVILLE, IN**

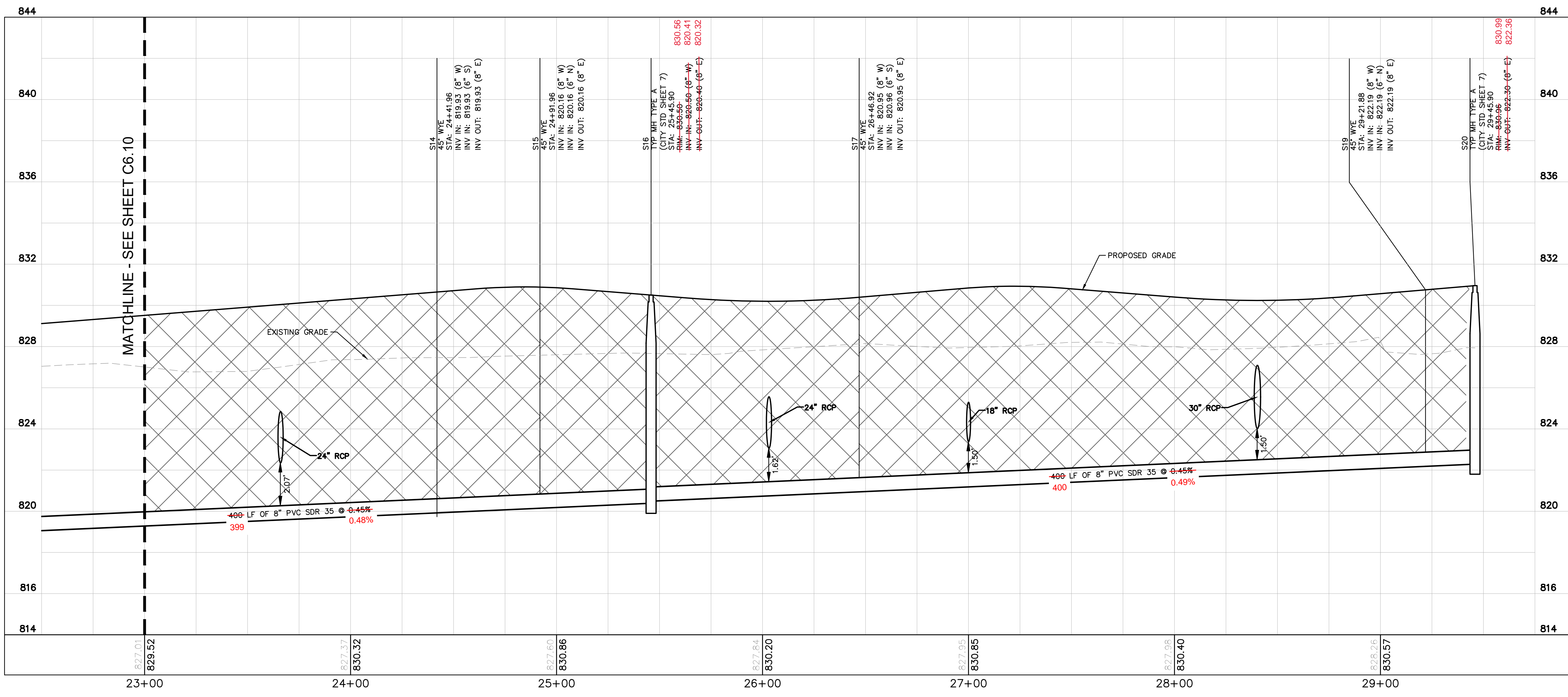
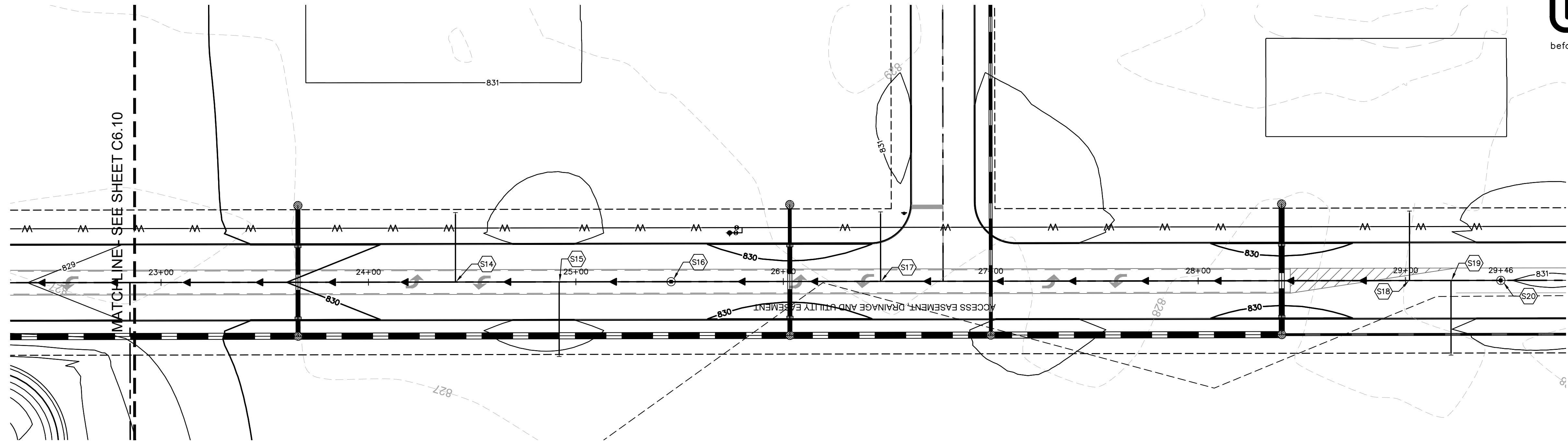
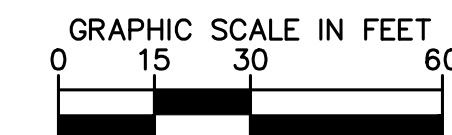
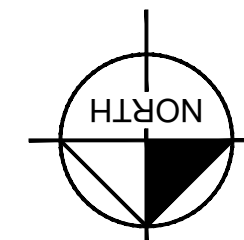
ORIGINAL ISSUE:
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KHA PROJECT NO.
170072000

SHEET NUMBER
C6.10

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Indiana Utilities Protection Service



SANITARY - PROFILE 5
 SCALE HORIZ 1"=30' VERT. 1"=3'

UTILITY NOTES

GENERAL UTILITY NOTES

- ALL WATER LINES SHALL BE PVC C900 DR-14 OR DUCTILE IRON CL 350.
- ALL SANITARY SEWER LINES SHALL BE PVC MEETING ASTM D-3034 SDR 26 EXCEPT FOR SANITARY SEWER THAT CROSSES ABOVE WATER MAIN, THIS PIPE SHALL BE AWWA C900 (UNLESS WATER MAIN CASING IS UTILIZED). PROVIDE 54" MINIMUM COVER.
- CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
- ALL ELECTRIC AND TELEPHONE EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES.
- CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.
- CONTRACTOR TO CALL INDIANA 811 (811 OR 800-382-5544) TO COORDINATE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES BEFORE ORDERING MATERIALS OR COMMENCING CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
- PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OTHER UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM THE ENGINEER AND THE OWNER/DEVELOPER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION, THE CITY OF NOBLESVILLE SHALL BE NOTIFIED OF ANY AND ALL CHANGES TO THE DESIGN PLANS.
- CONTRACTOR SHALL COMPLY COMPLETELY WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED TO ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH PERFORMANCE CRITERIA AS REQUIRED BY OSHA.
- CONTRACTOR TO AVOID DISRUPTION OF ANY ADJACENT TENANT'S TRAFFIC OPERATIONS DURING INSTALLATION OF UTILITIES.
- ALL DIMENSIONS ARE TO CENTERLINE OF PIPE OR CENTER OF MANHOLE UNLESS NOTED OTHERWISE.
- SEE ARCHITECTURAL AND MEP PLANS FOR EXACT UTILITY CONNECTION LOCATIONS AT BUILDING.
- LIGHT POLES SHOWN FOR COORDINATION PURPOSES ONLY AND DO NOT REPRESENT ACTUAL SIZE. SEE SITE LIGHTING PLANS BY OTHERS FOR MORE INFORMATION.
- SEE DETAILS FOR LOCATING STORM STRUCTURES WITHIN THE CURB LINE.
- STORMWATER FACILITIES MUST BE FUNCTIONAL BEFORE BUILDING CONSTRUCTION BEGINS.

NOTE: CONTRACTOR TO CAP AND MARK END OF STUB FOR ALL SANITARY LATERALS. SANITARY LATERALS TO BE 6" PVC WITH 1% MINIMUM SLOPE.

AS-BUILT

NOTES AND LEGEND

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 - GRANULAR BACKFILL SHALL BE PER CITY OF NOBLESVILLE STANDARDS
- GRANULAR BACKFILL REQUIRED BENEATH AND WITHIN 5 FEET OF PAVEMENT

DATE	BY	REVISIONS
4/13/2020	MJT	FIRE HYDRANT COORDINATION
2/13/2020	MJT	WATERMAIN REVISION
10/31/19	CSM	EASEMENT COORDINATION
10/08/19	CSM	INAW REVISIONS
09/12/19	CVS	INAW REVISIONS
08/15/19	NJB	SANITARY/WATER REVISIONS
		CITY COMMENTS

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AS NOTED
 DESIGNED BY: MJT
 DRAWN BY: CVS
 CHECKED BY: WAB

WILLIAM A. BUTZ, JR.
 REGISTERED PROFESSIONAL ENGINEER
 No. PE1006045
 STATE OF INDIANA
 4/7/2020

JACKSON DEVELOPMENT

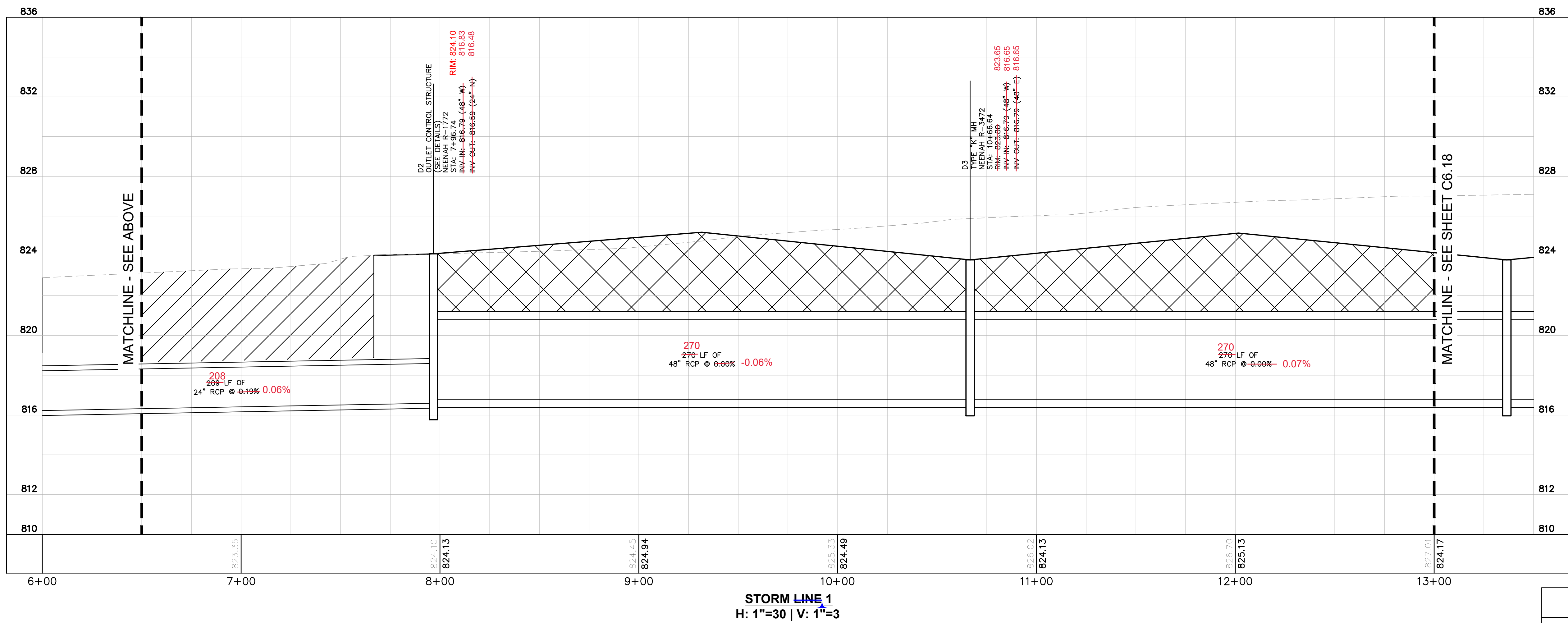
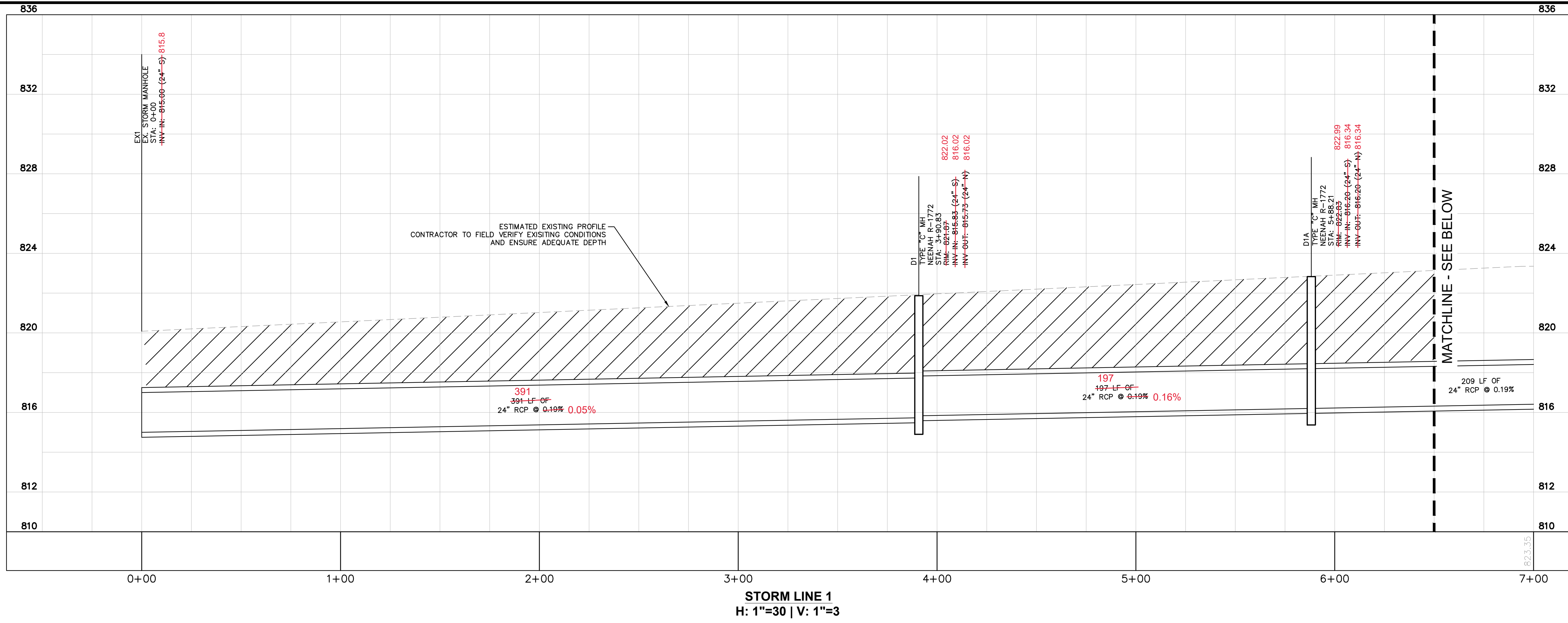
SANITARY PLAN & PROFILES (5 OF 5)

CAMPUS CENTER
 146TH STREET & PROMISE ROAD
 NOBLESVILLE, IN

ORIGINAL ISSUE: 04/29/2019
 KHA PROJECT NO. 170072000
 SHEET NUMBER

C6.11

Drawing name: C:\Users\Chad.Moyes\Desktop\Working Projects\170072000_Jackson Dev., 14th and Promise_Noblesville_IN_2 Design\CADD\PlanSheets\C6.18 - STORM PROFILES.ENG C6.17 Apr 13, 2020 9:50am by: Chad.Moyes
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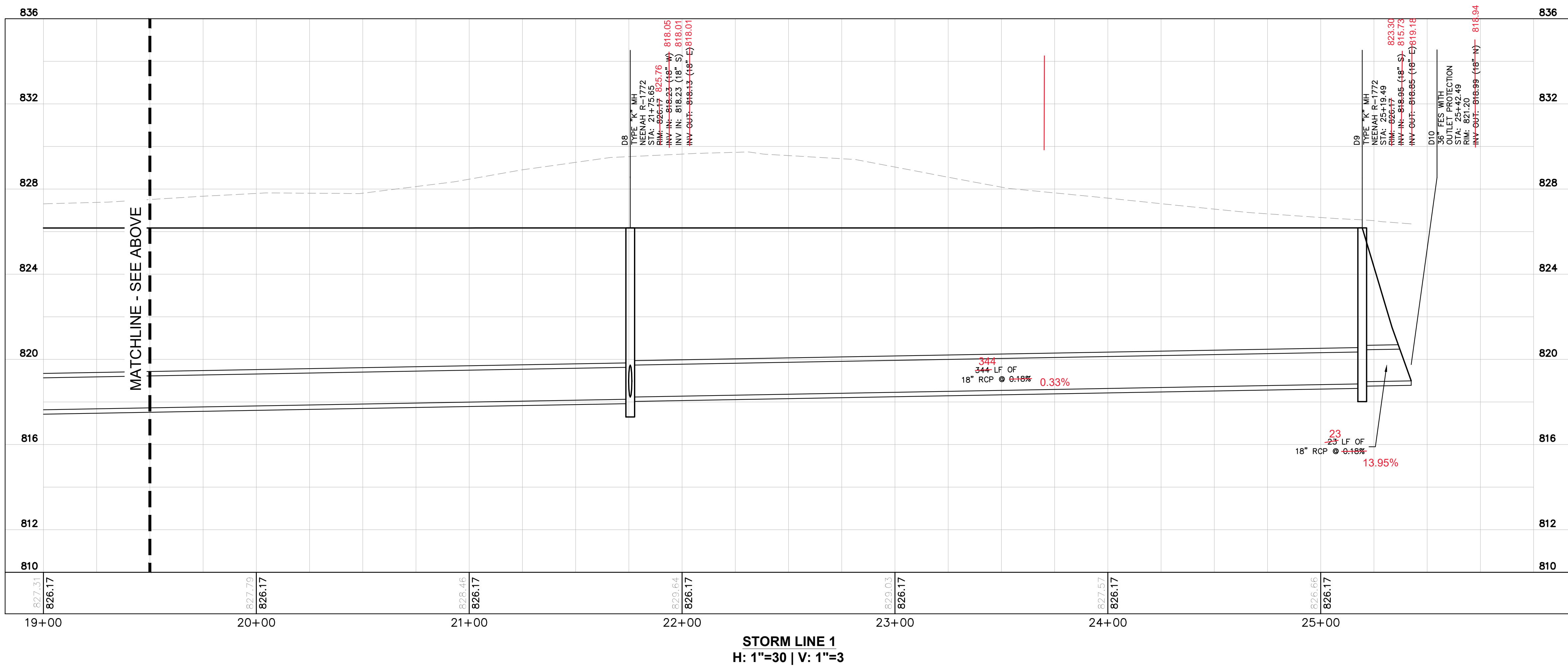
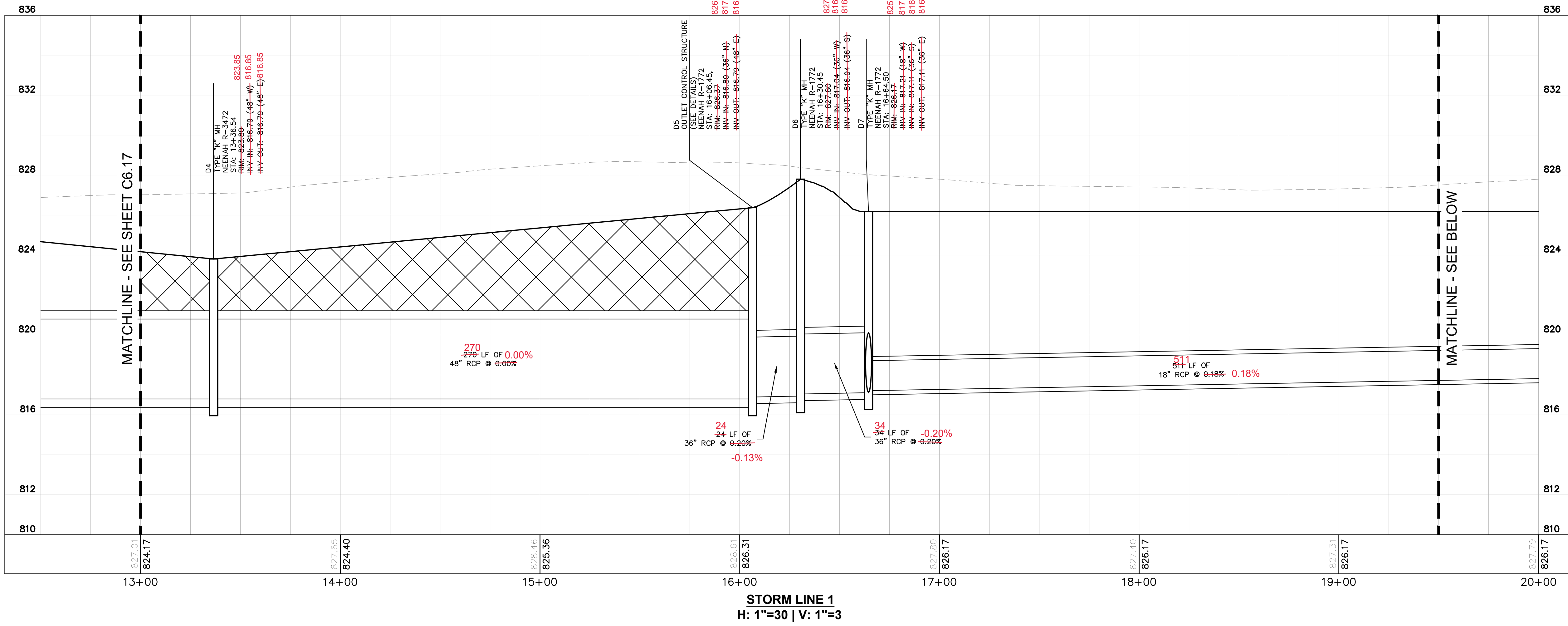


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NOTES AND LEGEND	
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2.	GRANULAR BACKFILL SHALL BE PER CITY OF NOBLESVILLE STANDARDS.
	GRANULAR BACKFILL REQUIRED BENEATH AND WITHIN 5 FEET OF PAVEMENT
	AIRPORT BACKFILL REFER TO BACKFILL DETAIL ON SHEET C6.2

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	WATERMAIN REVISION 2/13/2020	DATE
	EASEMENT COORDINATION 10/31/19	DATE
	INAW REVISIONS 10/08/19 SANITARY/WATER REVISIONS 09/12/19 CITY COMMENTS 08/15/19	DATE
SCALE: AS NOTED DESIGNED BY: MUT DRAWN BY: CVS CHECKED BY: WAB	PROJECT NO. PE10606045	REGISTERED PROFESSIONAL ENGINEER WILLIAM A. BUTZ, JR. No. PE10606045 STATE OF INDIANA 4/7/2020
JACKSON DEVELOPMENT		
STORM PROFILES (1 OF 5)		
CAMPUS CENTER 146TH STREET & PROMISE ROAD NOBLESVILLE, IN		
ORIGINAL ISSUE: 04/29/2019		SHEET NUMBER C6.17

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DRAWN BY:	CVS	EASEMENT COORDINATION	2/13/2020
CHECKED BY:	WAB	INAW REVISIONS	10/31/19
		INAW REVISIONS	10/08/19
		SANITARY/WATER REVISIONS	09/12/19
		CITY COMMENTS	08/15/19
		REVISIONS	

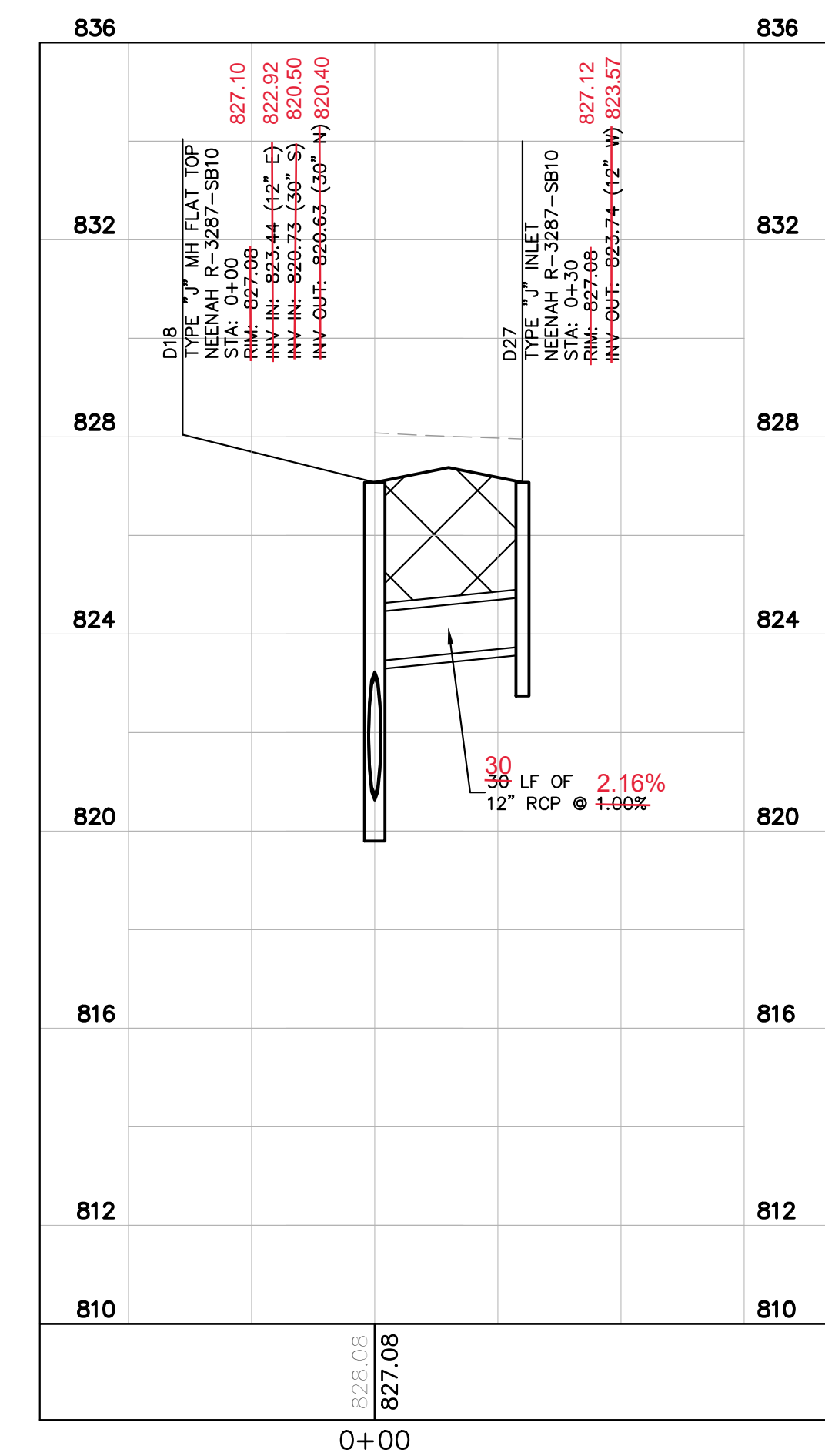
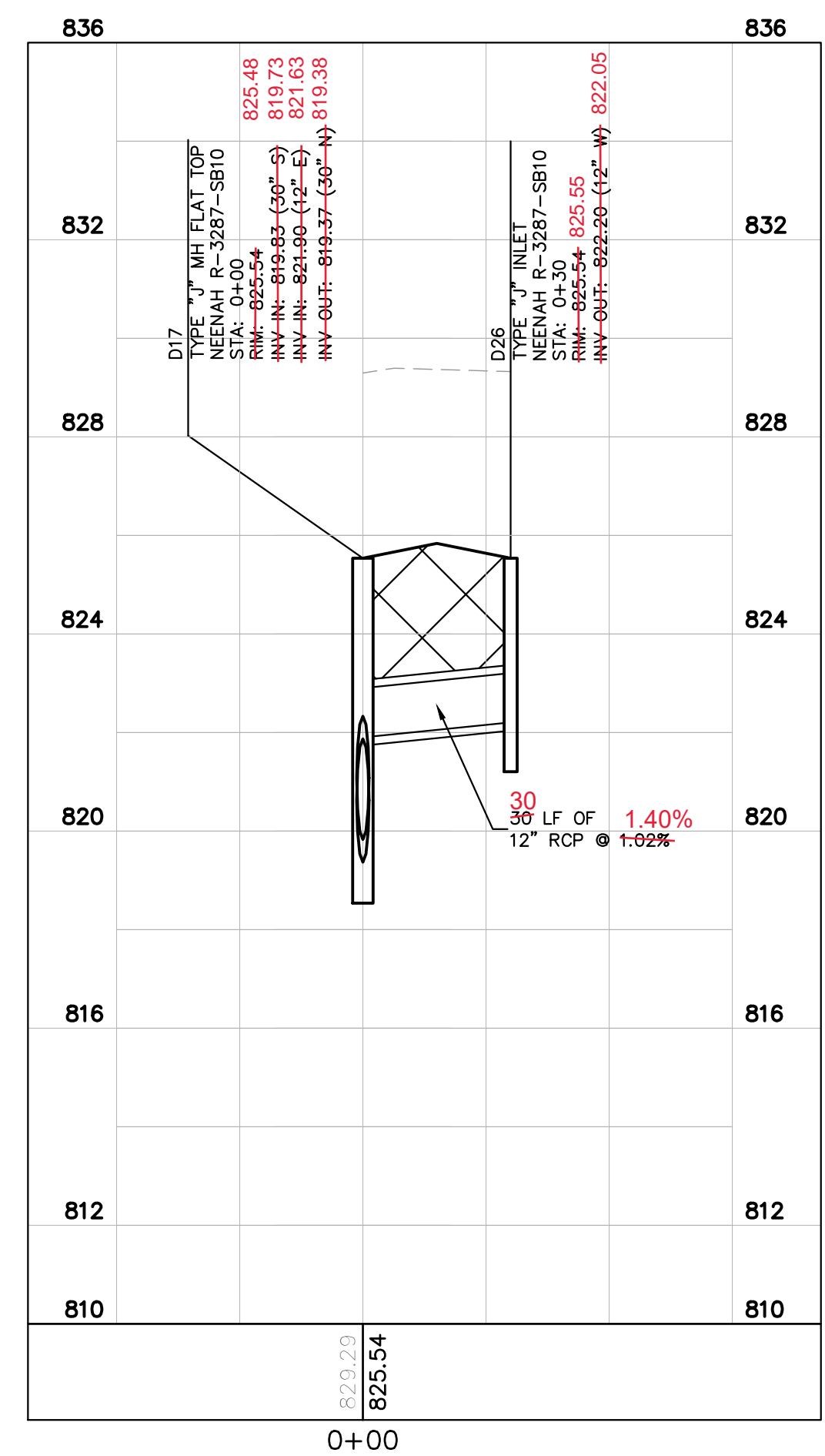
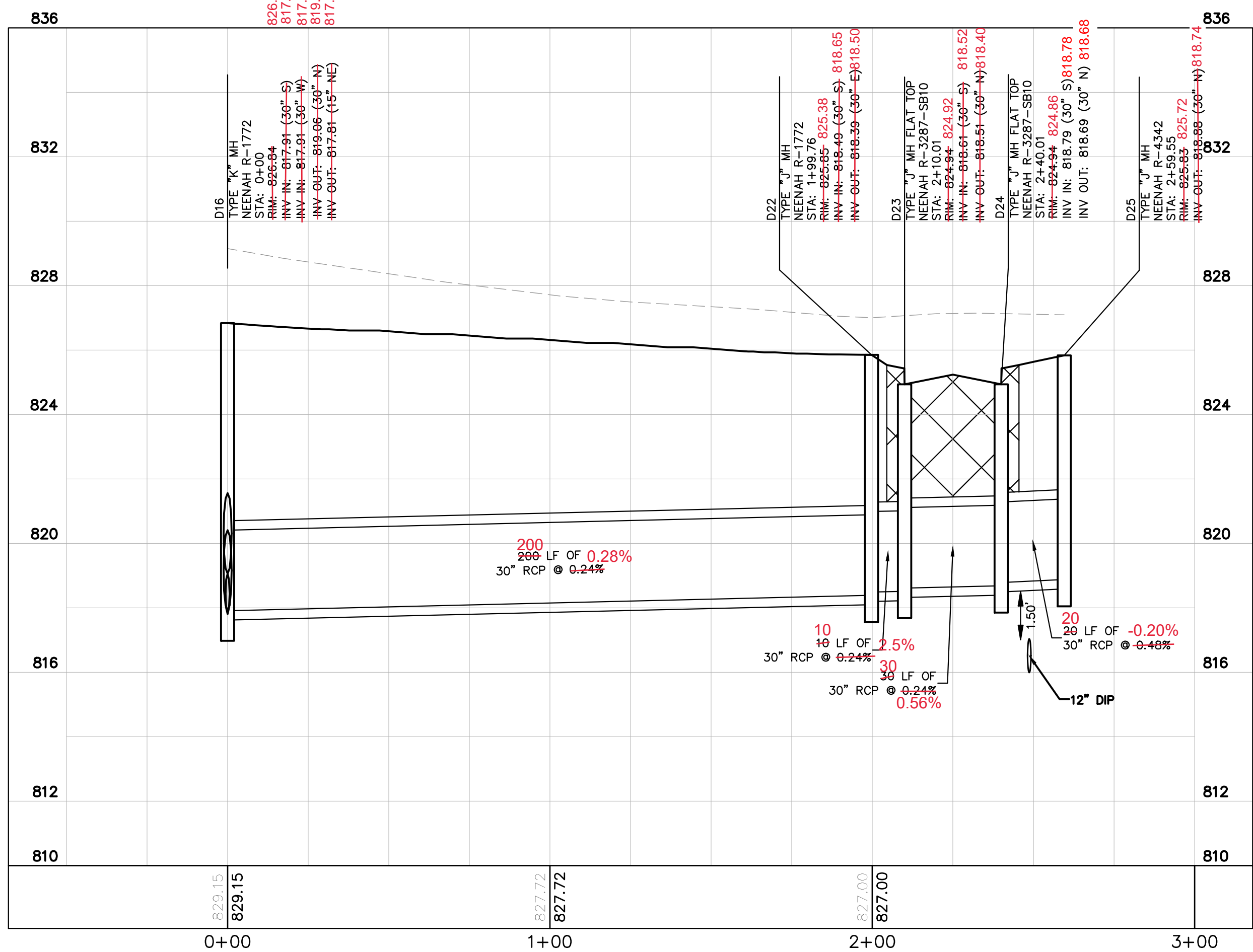
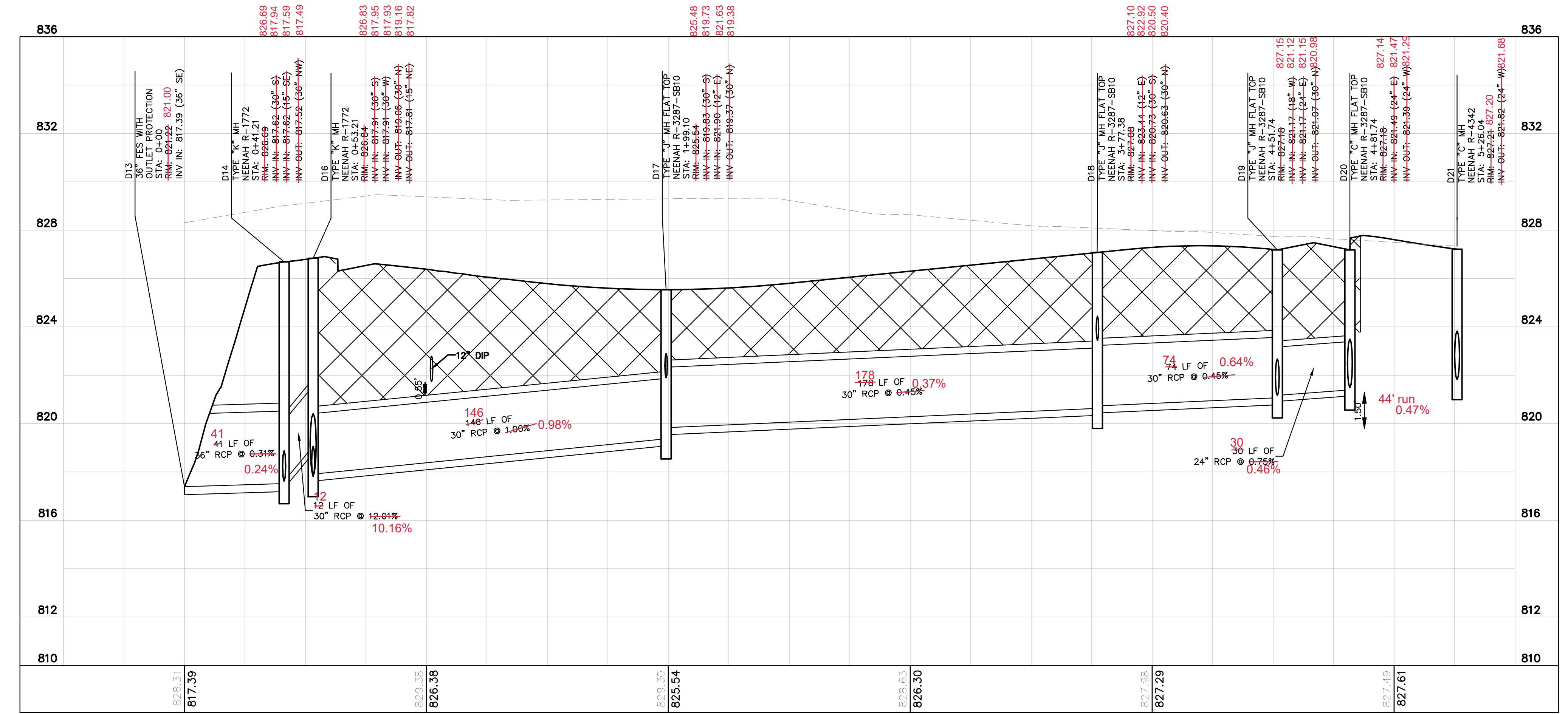
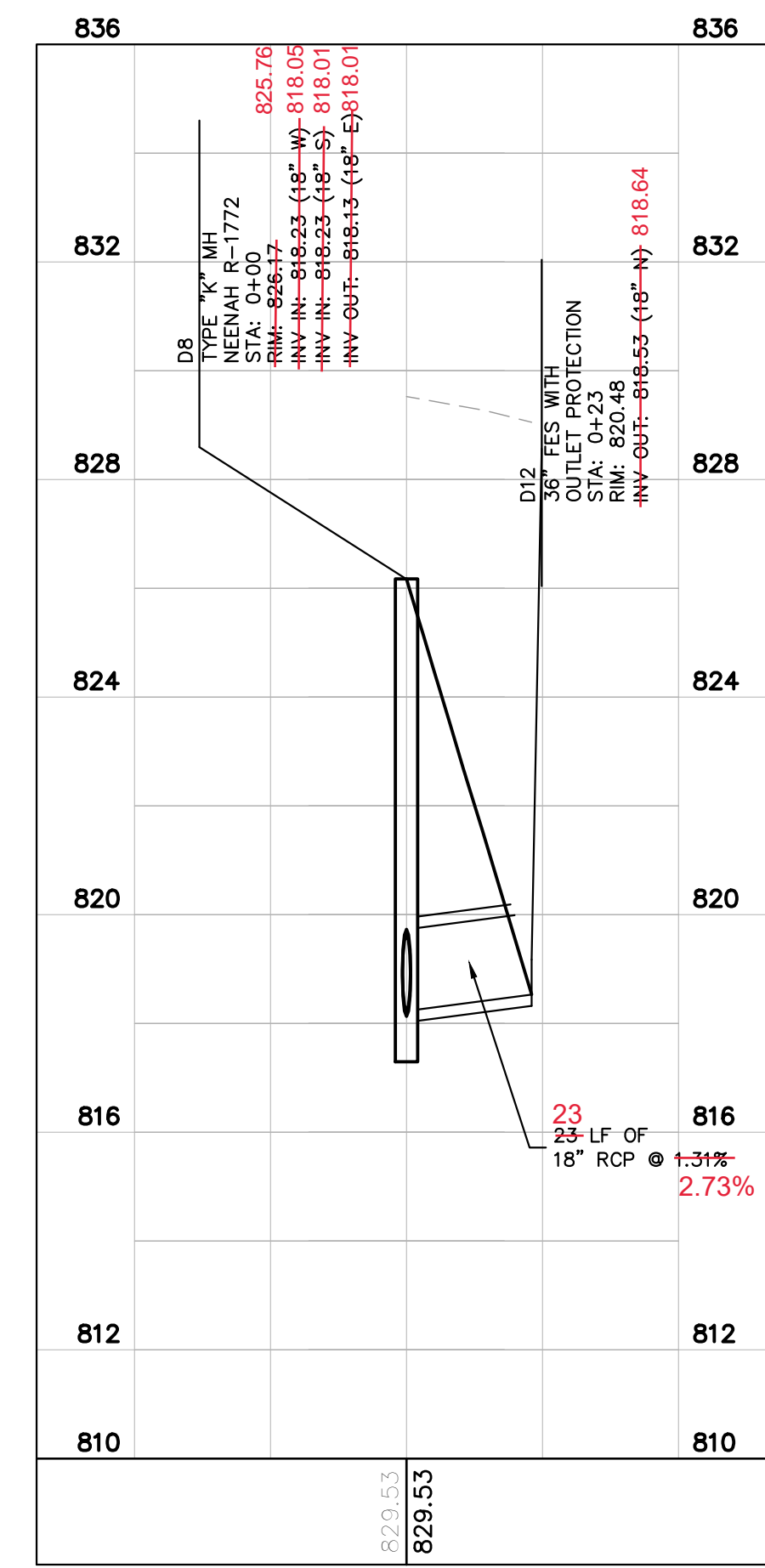


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STORM PROFILES
(2 OF 5)

CAMPUS CENTER
146TH STREET &
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NOBLESVILLE, IN

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JACKSON DEVELOPMENT

STORM PROFILES (3 OF 5)

CAMPUS CENTER 146TH STREET & PROMISE ROAD NOBLESVILLE, IN

ORIGINAL ISSUE: 04/29/2019

KHA PROJECT NO. 170072000

SHEET NUMBER

C6.19

SCALE: AS NOTED

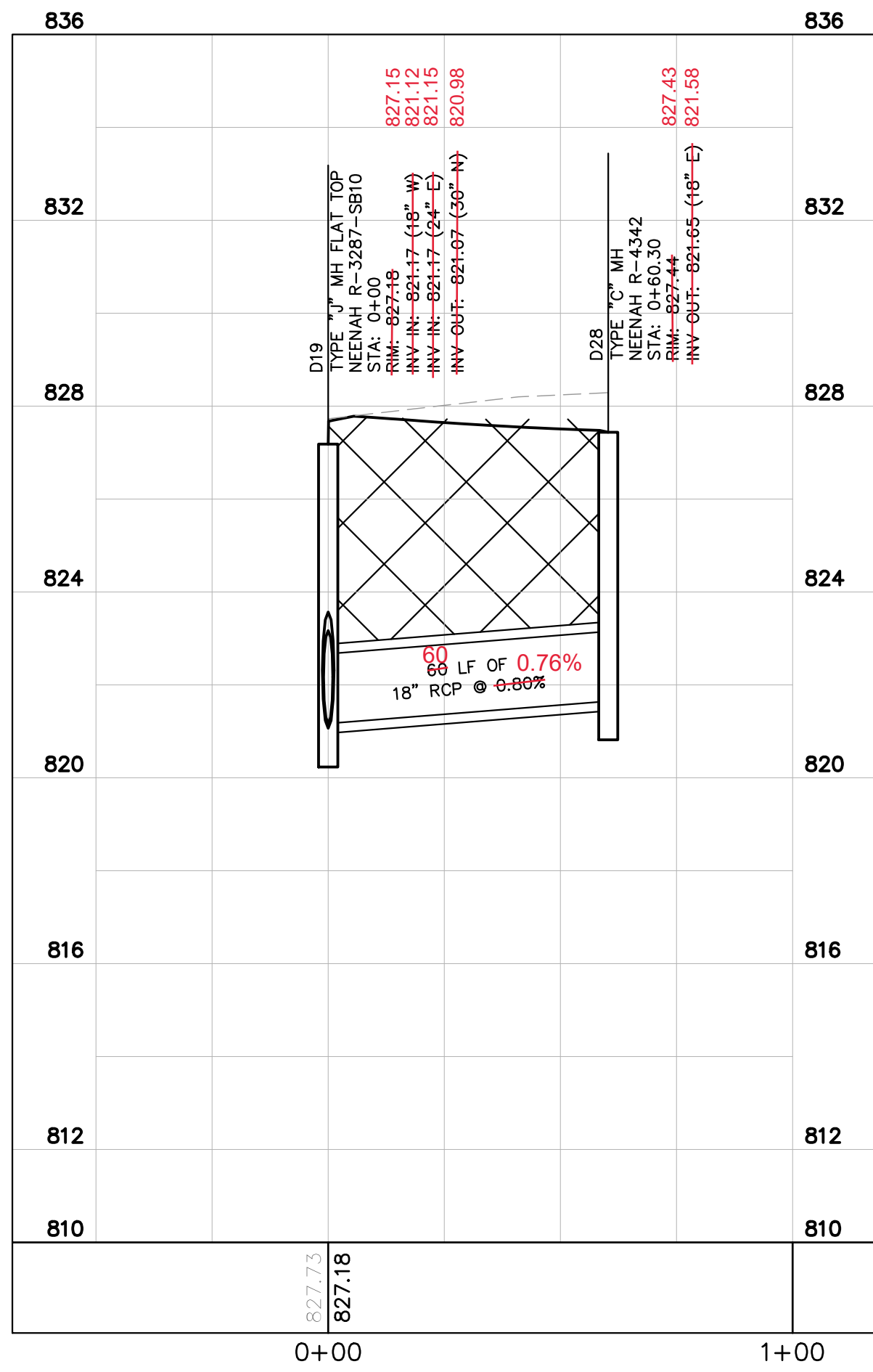
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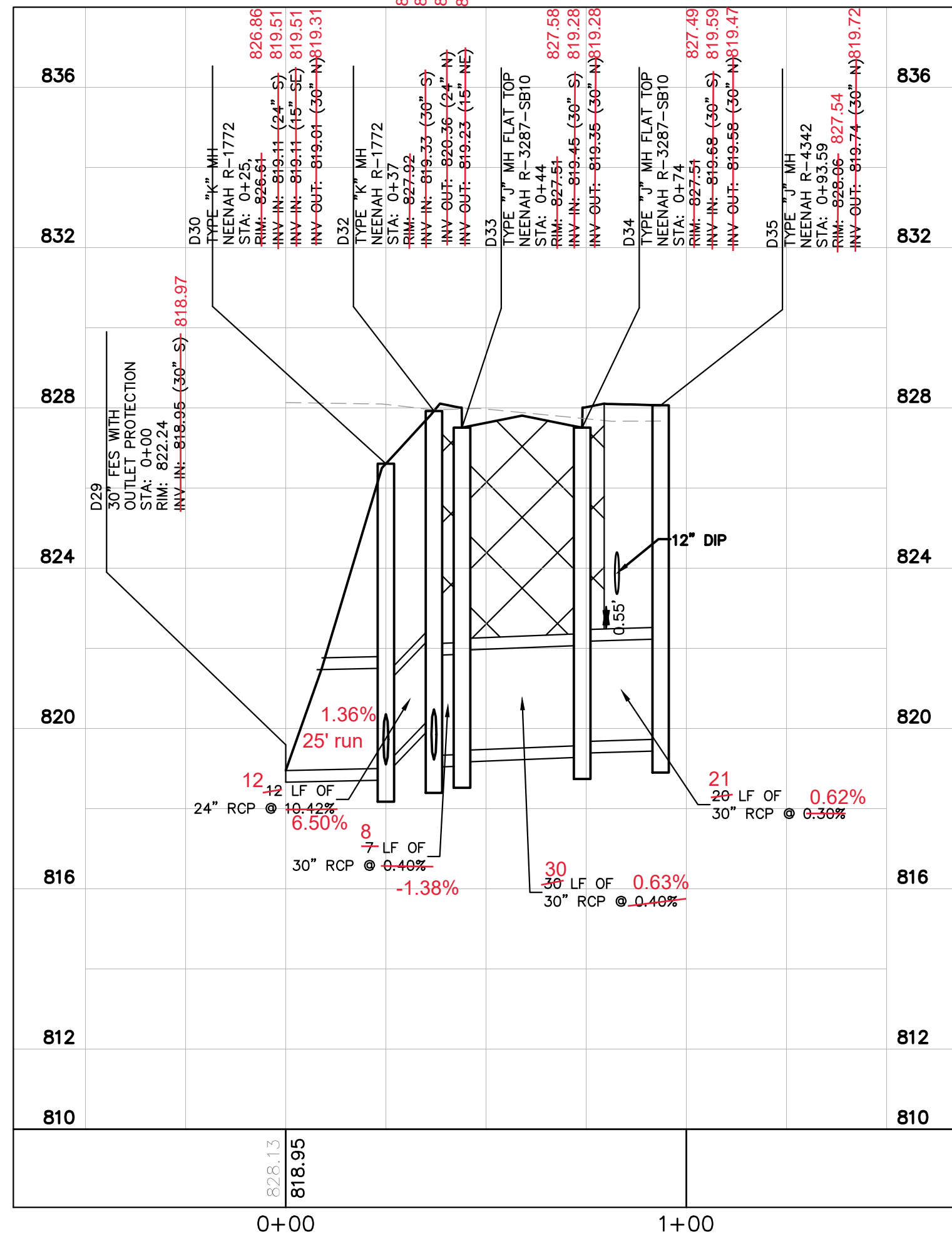
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NO.	REVISIONS	DATE
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2	WATERMAIN REVISION	2/13/2020
3	EASEMENT COORDINATION	2/3/2020
4	INAW REVISIONS	10/31/19
5	INAW REVISIONS	10/09/19
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7	CITY COMMENTS	08/15/19
8	REVISIONS	N/A

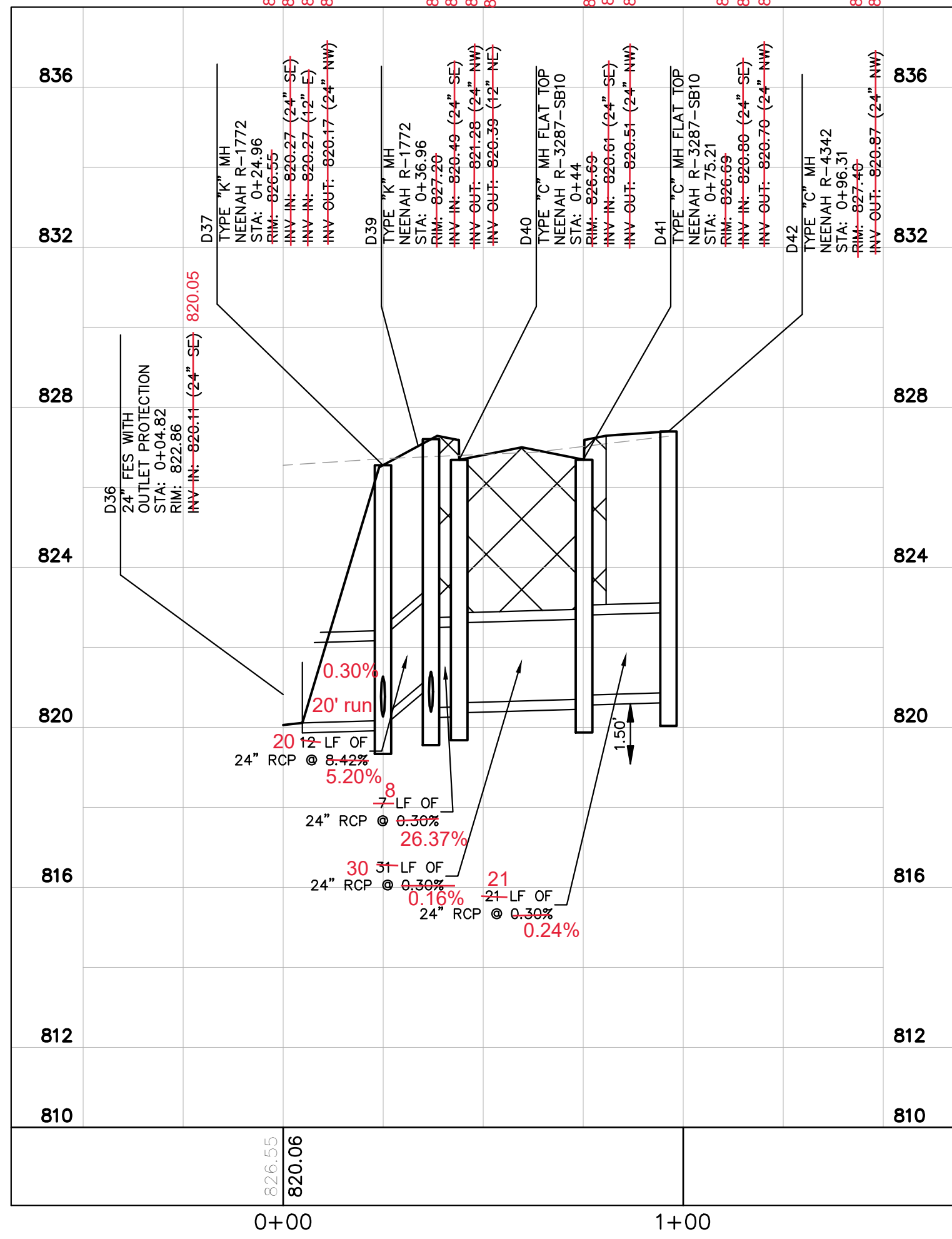
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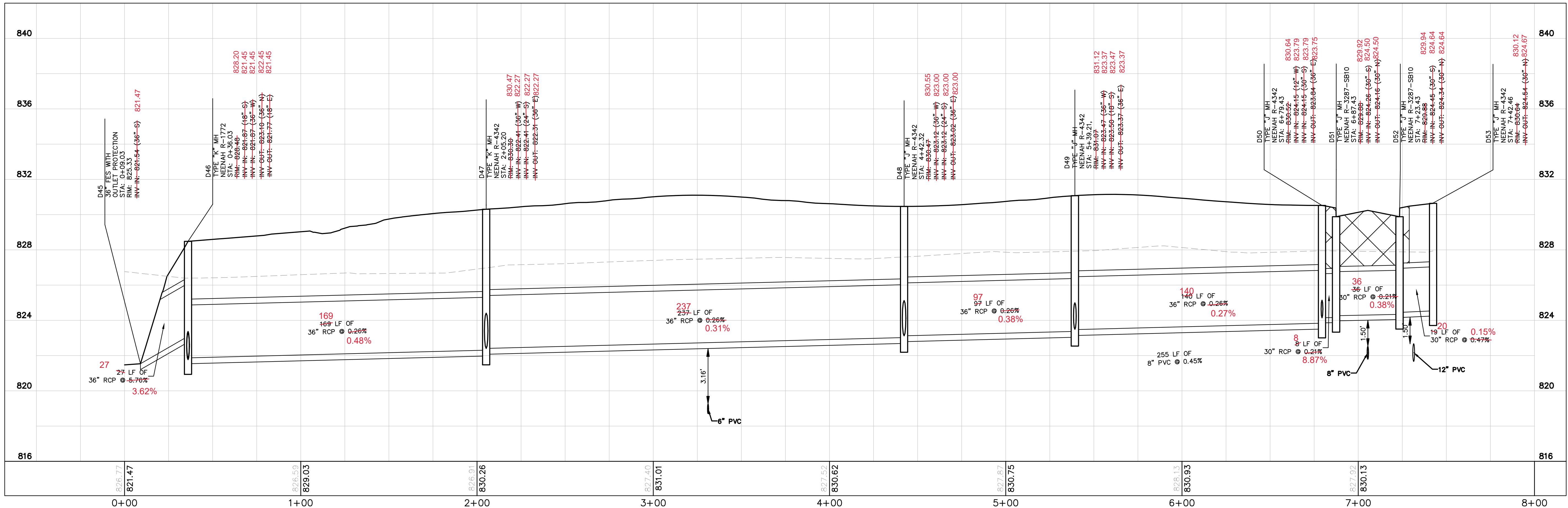
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 H: 1"=30 | V: 1"=3



STORM LINE 9
 H: 1"=30 | V: 1"=3



STORM LINE 10
 H: 1"=30 | V: 1"=3



STORM LINE 11
 H: 1"=30 | V: 1"=3

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GRANULAR BACKFILL
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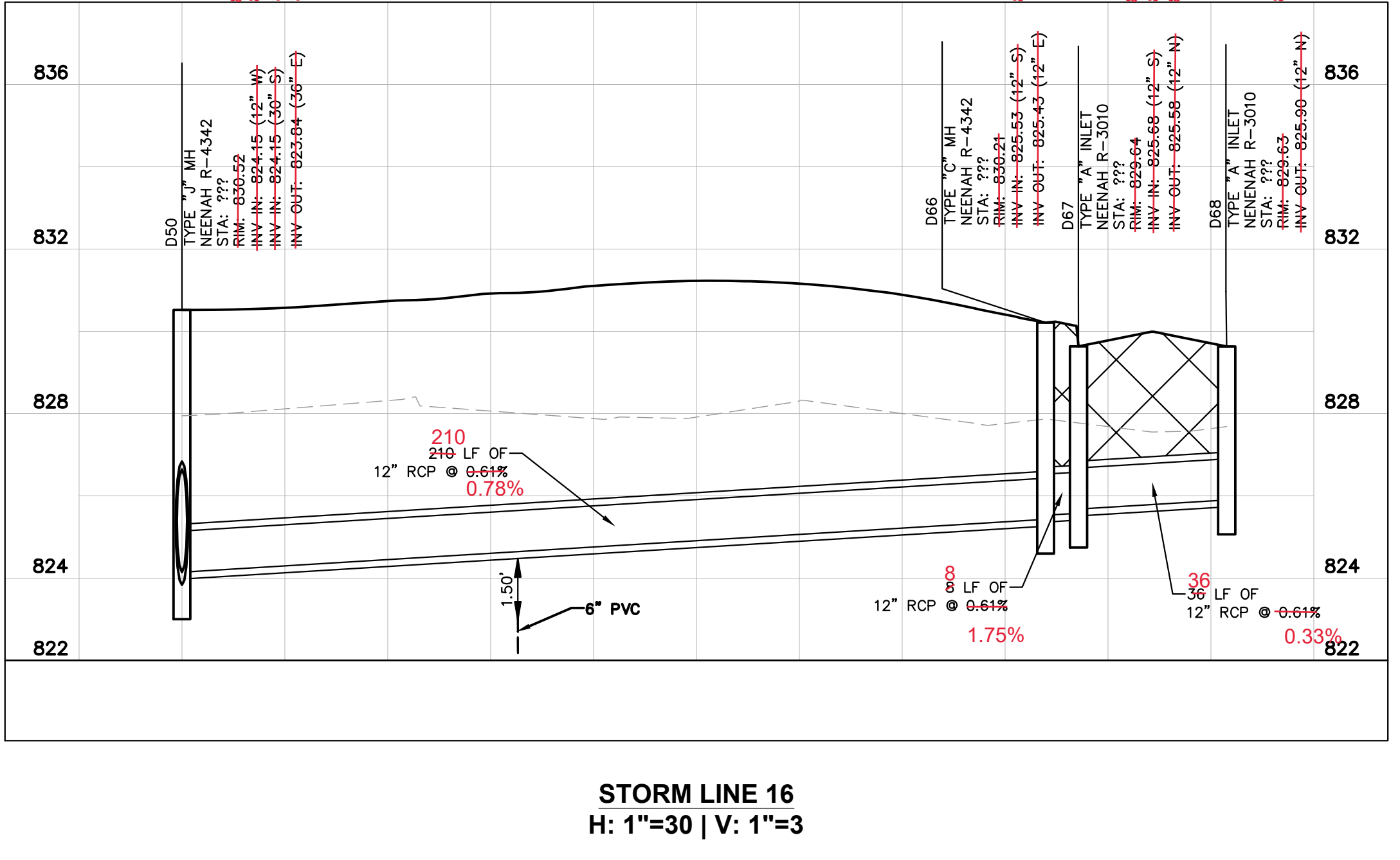
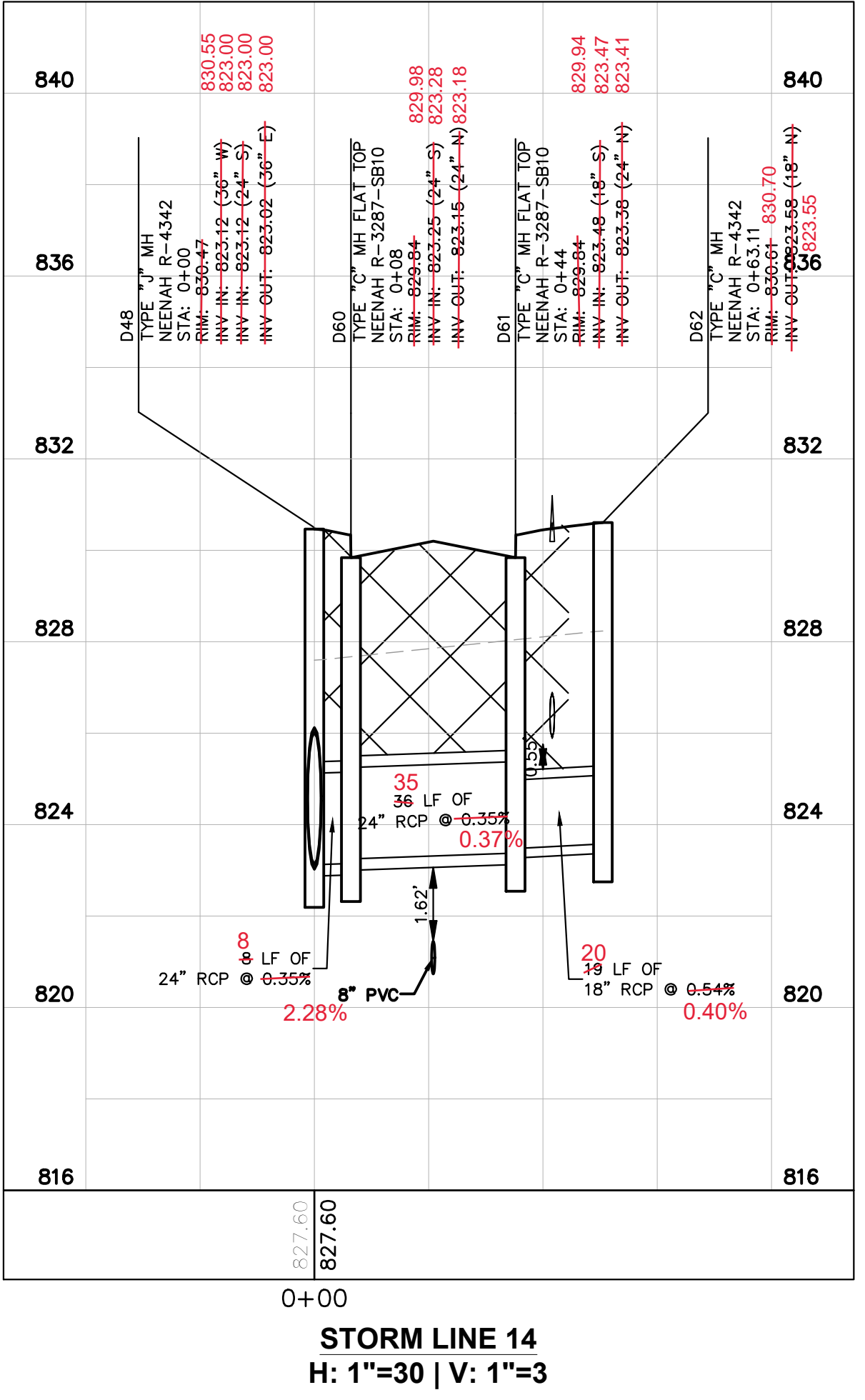
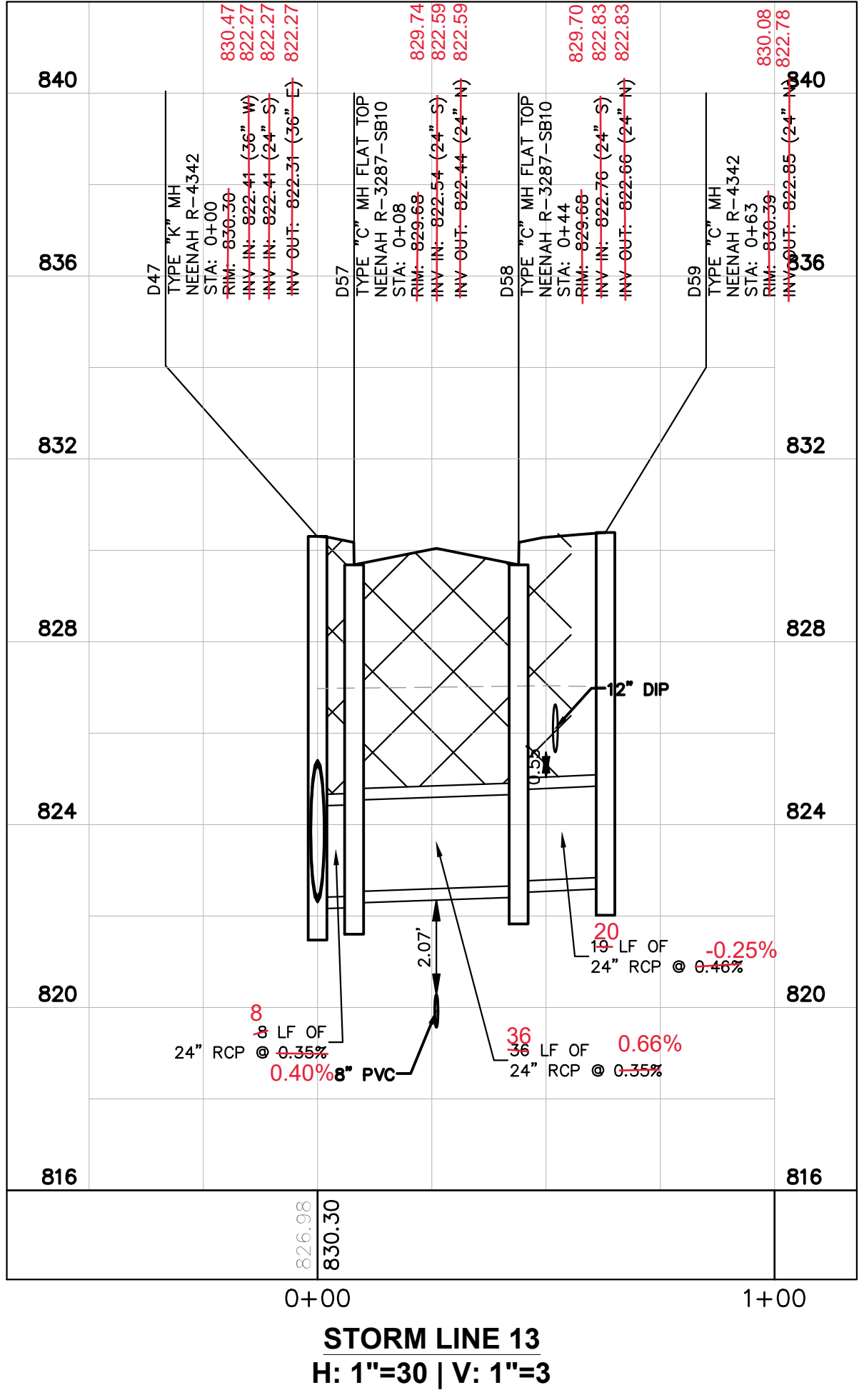
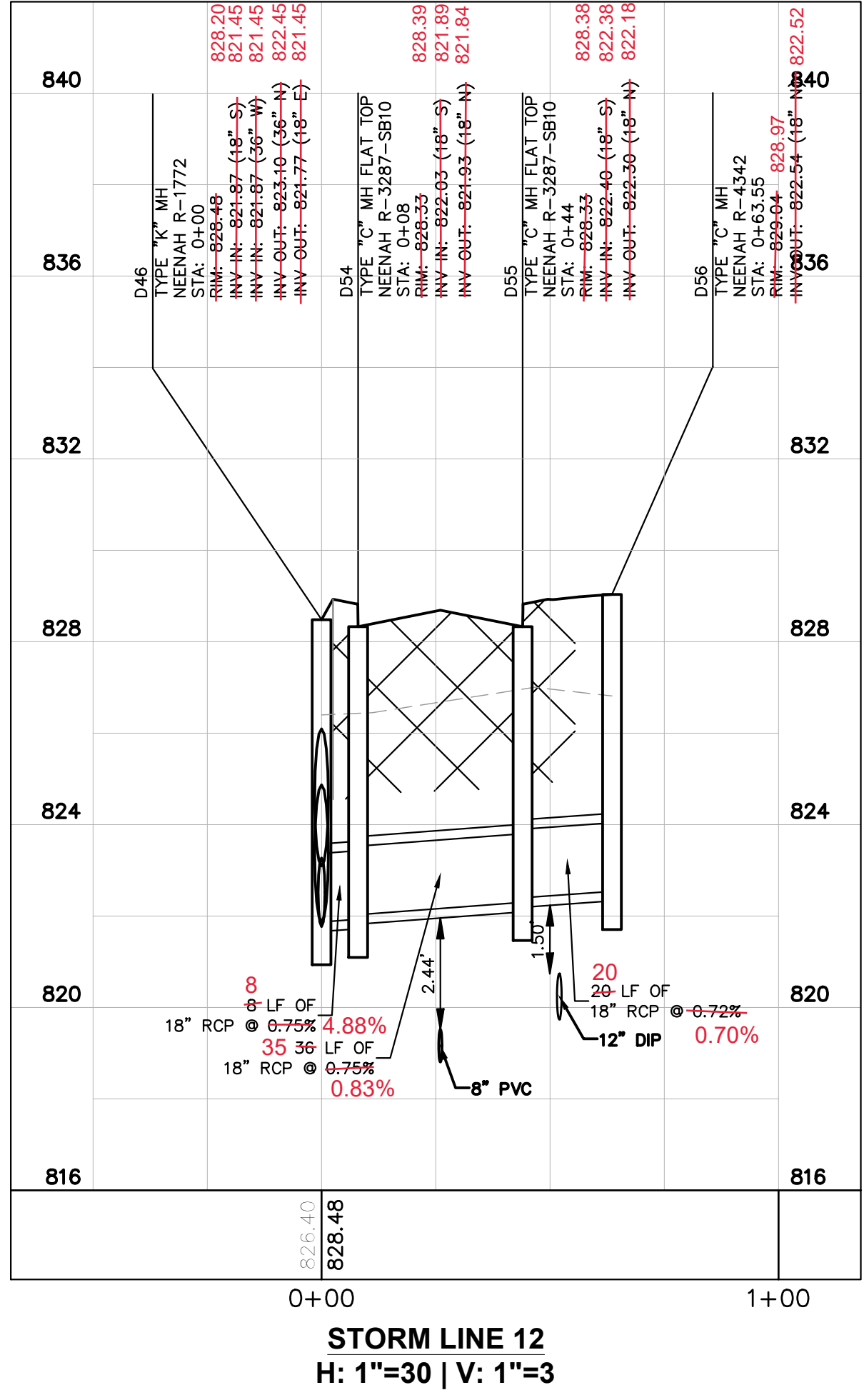
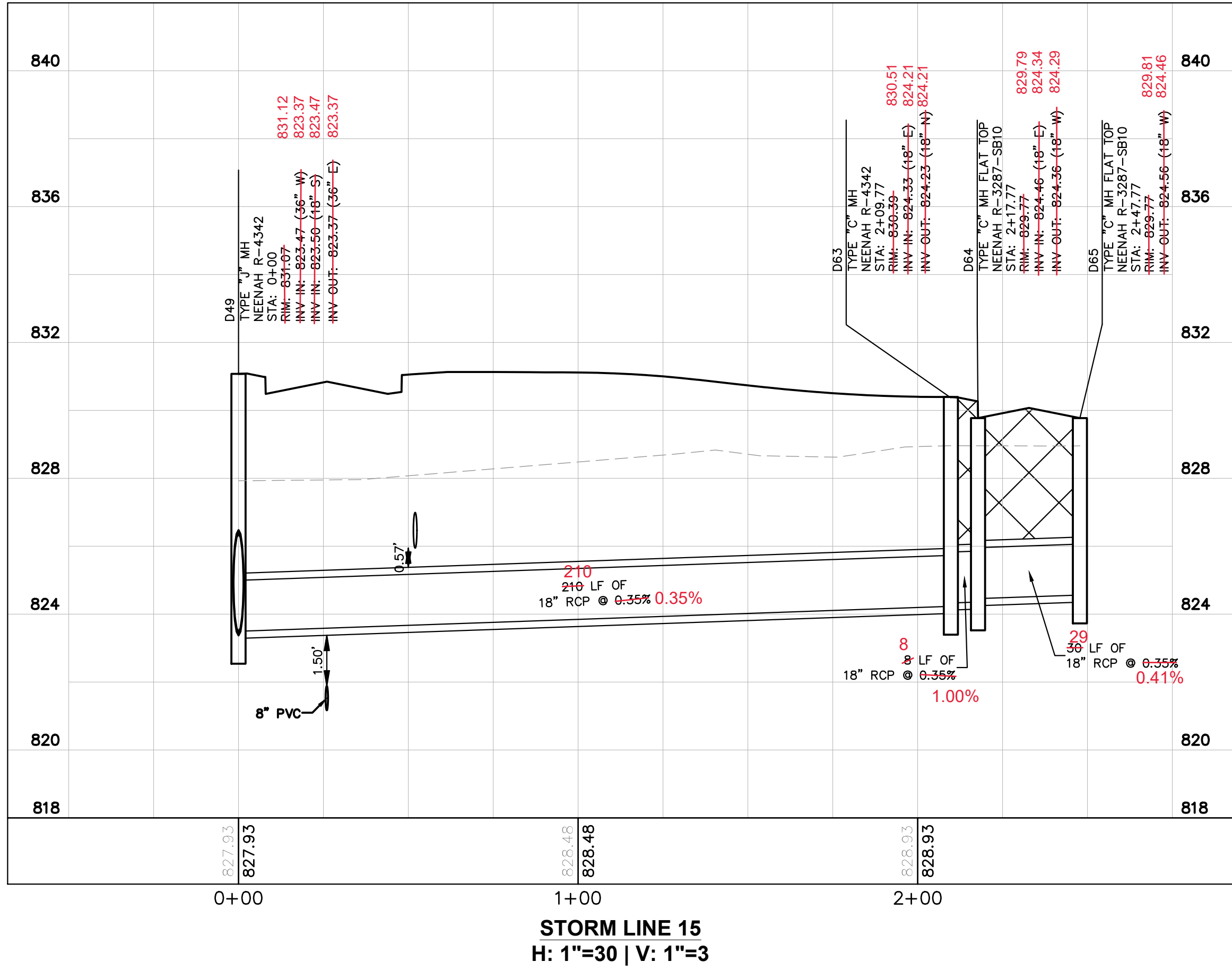
STORM PROFILES
 (4 OF 5)

CAMPUS CENTER
 146TH STREET &
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 NOBLESVILLE, IN

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JACKSON DEVELOPMENT

STORM PROFILES (5 OF 5)

CAMPUS CENTER
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AS NOTED
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 DRAWN BY: CVS
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William A. Butz, Jr.
 REGISTERED PROFESSIONAL ENGINEER
 No. PE1006045
 STATE OF INDIANA
 4/7/2020

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SCALE:
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