

# AGENDA CITY OF CEDAR FALLS, IOWA PLANNING AND ZONING COMMISSION MEETING WEDNESDAY, OCTOBER 27, 2021 5:30 PM AT CITY HALL AND VIA VIDEO CONFERENCE

The City is providing in-person and electronic options for this meeting and encourages in-person attendees to follow the latest CDC guidelines to reduce the risk of COVID-19 transmission.

The meeting will be accessible via video conference and the public may access/participate in the meeting in the following ways:

a) By dialing the phone number +1 312 626 6799 or +1 929 205 6099 or +1 301 715 8592 or +1 346 248 7799 or +1 669 900 6833 or +1 253 215 8782 and when prompted, enter the meeting ID (access code) 886 2008 9534.

b) iPhone one-tap: +13126266799,,88620089534# or +19292056099,,88620089534#

c) Join via smartphone or computer using this link: https://us02web.zoom.us/j/88620089534.

d) View the live stream on Channel 15 YouTube using this link: https://www.youtube.com/channel/UCCzeig5nISdIEYisqah1uQ (view only).

e) Watch on Cedar Falls Cable Channel 15 (view only).

To request to speak when allowed on the agenda, participants must click "Raise Hand" if connected by smartphone or computer, or press \*9 if connected by telephone. All participants will be muted by the presiding officer when not actually speaking.

#### Call to Order and Roll Call

#### **Approval of Minutes**

1. Planning and Zoning Commission Regular Meeting Minutes of October 13, 2021

#### **Public Comments**

#### **Old Business**

 Preliminary & Final Plat – Creekside Luxury Condos (PP21-005 & FP21-002) Location: North of Valley High Drive and west of Cedar Heights Drive Owners: Heartland Development of Cedar Valley, Inc. /LG Companies, LLC (contract buyer) Applicant: LG Companies, LLC; Engineer: Fehr Graham Previous discussion: None Recommendation: Introduction P&Z Action: Review and continue discussion to the next meeting

#### **New Business**

- 3. Petition to Renew the Downtown Self Supporting Municipal Improvement District (SSMID) Location: Downtown Business District Applicant: Community Main Street Previous discussion: None Recommendation: Approval P&Z Action: Review and make a recommendation to City Council
- Preliminary Plat West Fork Crossing (PP21-003)
   Location: North of W. 27th Street and east of Union Road
   Owners: Money Pit, LLC and Waterbury Property Investors, LLC

Applicant: Echo Development/Brent Dahlstrom; ISG Engineering Previous discussion: None Recommendation: Approval P&Z Action: Discuss and make a recommendation to City Council

 Planned Residential District Site Plan – Creekside Luxury Condos (SP21-010) Location: North of Valley High Drive and west of Cedar Heights Drive Owners: Heartland Development of Cedar Valley, Inc. /LG Companies, LLC (contract buyer) Applicant: LG Companies, LLC; Engineer: Fehr Graham; Architect: Dan Levi Previous discussion: None Recommendation: Introduction P&Z Action: Review and continue discussion to the next meeting

#### **Commission Updates**

#### Adjournment

#### Reminders:

- \* November 10, 2021 and TUESDAY, November 23, 2021 Planning & Zoning Commission Meetings
- \* November 1, 2021 and November 15, 2021 City Council Meetings

# Cedar Falls Planning and Zoning Commission Regular Meeting October 13, 2021 In person and via videoconference Cedar Falls, Iowa

#### **MINUTES**

The Cedar Falls Planning and Zoning Commission met in regular session on October 13, 2021 at 5:30 p.m. at City Hall and via videoconference due to precautions necessary to prevent the spread of the COVID-19 virus. The following Commission members were present: Hartley, Holst, Larson, Lynch and Saul. Leeper and Schrad were absent. Karen Howard, Community Services Manager, and Chris Sevy, Planner I, were also present.

- 1.) Acting Chair Larson noted the Minutes from the September 22, 2021 regular meeting are presented. Mr. Holst made a motion to approve the Minutes as presented. Ms. Lynch seconded the motion. The motion was approved unanimously with 5 ayes (Hartley, Holst, Larson, Lynch and Saul), and 0 nays.
- 2.) The first item of business was a site plan review for a Greenhill Village Car Wash. Acting Chair Larson introduced the item and Mr. Sevy provided background information. He explained that the applicant is proposing a new car wash at 1125 Fountains Way on the south side of Greenhill Road, noting that building setbacks and parking requirements are met. He provided renderings of the building design and discussed features of the proposed building. He explained that signage has not been decided but will come back before the Commission for approval. Mr. Sevy showed a landscape plan, noting that minimum requirements are met. Staff is bringing the item forward for discussion and recommends approval. If the Commission has no questions at this time, they may choose to vote on the matter at this meeting.

Mr. Holst made a motion to approve the item. Ms. Saul seconded the motion. The motion was approved unanimously with 5 ayes (Hartley, Holst, Larson, Lynch and Saul), and 0 nays.

3.) The next item for consideration by the Commission was a preliminary plat for West Fork Crossing. Acting Chair Larson introduced the item and Ms. Howard provided background information. The applicant is currently proposing 64 residential building lots and 29 outlots for future development on approximately 120 acres. Outlots A-E are to be deeded to property owners to the north and maintained as conservation areas. Additional preliminary plats will be required prior to final platting of the outlots designated for future development. Ms. Howard discussed the phasing plan that includes 6 phases. She also noted the conditions with the process, including construction access, street connections to provide for adequate traffic circulation and the importance of extending two streets south to provide connections to W. 27th Street. At least one will be required prior to development of the 4<sup>th</sup> phase of the development. She noted that a temporary construction access road to W. 27th is recommended with development of the 3<sup>rd</sup> phase. For the 1<sup>st</sup> two phases construction traffic should be routed from Union Road and not through the existing neighborhoods to the north and east. She spoke about stormwater management and noted that the engineering division has reviewed the report and agree with the preliminary findings. Ms. Howard also discussed streets, sanitary sewer, trails and parks. Staff recommends gathering comments from the Commission and continuing discussion to the October 27 meeting.

Mike Goyen, 1712 Union Road, had questions regarding the storm detention area that will be adjacent to his property. He asked about wetland credits and how they work. He also wanted

to know what he can do to ensure he can hook up to City sewer and water if he decides to sell his house. He also commented on the plan for Laramie Street to dead end into his property and asked about assurances that he could have access from that into his property. He noted concerns with traffic issues as well as parking. Ms. Howard stated that questions and

Mr. Holst asked if staff is generally pleased with the overall concept and layout. Ms. Howard stated that it is very similar to what was reviewed previously, so generally staff is supportive with the conditions outlined in the staff report. There was brief discussion by the Commission and the item was continued to the next meeting.

4.) As there were no further comments, Mr. Holst made a motion to adjourn. Ms. Saul seconded the motion. The motion was approved unanimously with 5 ayes (Hartley, Holst, Larson, Lynch and Saul), and 0 nays.

comments can be passed on to the applicant and bring the responses back at the next

The meeting adjourned at 6:00 p.m.

Respectfully submitted,

meeting.

Karen Howard

Community Services Manager

banne Goodrick

Joanne Goodrich Administrative Assistant



# DEPARTMENT OF COMMUNITY DEVELOPMENT

City of Cedar Falls 220 Clay Street Cedar Falls, Iowa 50613 Phone: 319-273-8600 Fax: 319-273-8610 www.cedarfalls.com

MEMORANDUM

Planning & Community Services Division

TO:	Planning & Zoning Commission		
FROM:	Chris Sevy, City Planner I		
	Ben Claypool, PhD, El, Civil Engineer II		
DATE:	October 20, 2021		
SUBJECT:	Creekside Luxury Condos - Preliminary & Final Plats		
REQUEST:	Request to preliminary and final plat, effectively combining 4 lots in the new Creekside Luxury Condos Plat.		
PETITIONER	: Dan Levi - Levi Architecture; Nate Kass - Fehr Graham, Engineer/Surveyor		
LOCATION:	6.38 acres at the northwest corner of Cedar Heights Drive and Valley		

## PROPOSAL:

The petitioner is proposing to create one large developable parcel by combining lots 1, 2, & 3 of the Hanna Park Commercial Addition along with lot 4 (except the north 15 feet thereof) of the P. A. Hanna Addition to the City of Cedar Falls. These lots are located at the northwest corner of Cedar Heights and Valley High Drives. The intent of the petitioner is to develop the subject property with six 12-plex condominium buildings that will be owner-occupied. To ensure the developer can properly develop as intended, they are proposing that lots be combined, easements be reconfigured, and a minor piece of land be dedicated to

High Drive



the City for sidewalk.

#### **BACKGROUND:**

The area proposed for development is in the process of being rezoned from C-1 to R-P (RZ21-005) with a final City Council vote to take place on November 1st, 2021. Concurrent with this request, the applicant is also seeking approval of a proposed site plan (SP21-010). These original parcels and the surrounding area on three sides were zoned C-1 Commercial in 2005. The northernmost parcel was platted in 1990 and the other three were platted in 2007.

#### **ANALYSIS**

This subdivision is on 6.38 acres of land located along Cedar Heights Drive, just north of Valley High Drive. The preliminary and final plat would consist of a single buildable lot. The size of said lot will be well above the lot area requirements of the R-4 District which the R-P District references. Development on this lot requires a site plan review by the Planning & Zoning Commission and City Council.

The lots to be combined currently contain building lines which will go away and be replaced by building lines as depicted on the Final Plat. The Final Plat includes a 25-foot building line along the North, South, and East, and a 35-foot building line along the West. These meet or exceed the setback requirements of the R-P Planned Residence District.

Since the existing lots will be combined into one lot, the easements also need to be reconfigured. The preliminary plat illustrates the easements that will be vacated and the new easements that will be established to serve the proposed development. On the new plat, a 10 foot utility easement will extend around the perimeter of the new lot. A gas utility easement will be established across the center of the lot in a location that will run between proposed buildings.

#### TECHNICAL COMMENTS

City technical staff, including Cedar Falls Utilities (CFU) personnel, noted that the water, gas and communication services are available to the site. The developer will be responsible for extending the utility services to the proposed development. The easements identified on the plat satisfy CFU requirements.

The Preliminary Plat shows the required relocation of the existing gas main. CFU will relocate the gas main at the developer's expense. The developer is responsible for the construction of a properly sized water system from the existing 8" water main along Cedar Heights Drive. Included in the installation are valves, fire hydrants and water service stubs for the new lots. Cedar Falls Public Safety will need to review the site plan and determine the quantity and location of the private fire hydrants on the site.

The deed of dedication notes that only two access points off of Cedar Heights will be permitted. This limit was also agreed to in the Developmental Procedures Agreement executed as part of the rezoning.

City zoning staff notes that the proposed lot is of sufficient lot area to meet the anticipated development plans.

Items such as the grading plan, stormwater management plan, and utility plan have all previously been submitted and approved as part of the platting and site plan review process.

Typically a preliminary plat would be submitted and approved first prior to the final plat being submitted. This allows for the installation of any required public infrastructure, such as streets, sewers and other utilities. However, this subdivision does not include the construction of any new public infrastructure, so reviewing both plats concurrently is possible.

The property is located outside of the designated 100-year floodplain.

The platting documents including the Deed of Dedication, Attorney's Title Opinion and a plat fees have been submitted. Signed plats and Deed of Dedication are required to be submitted in time to be included in the City Council packet for the date Council would vote on this item.

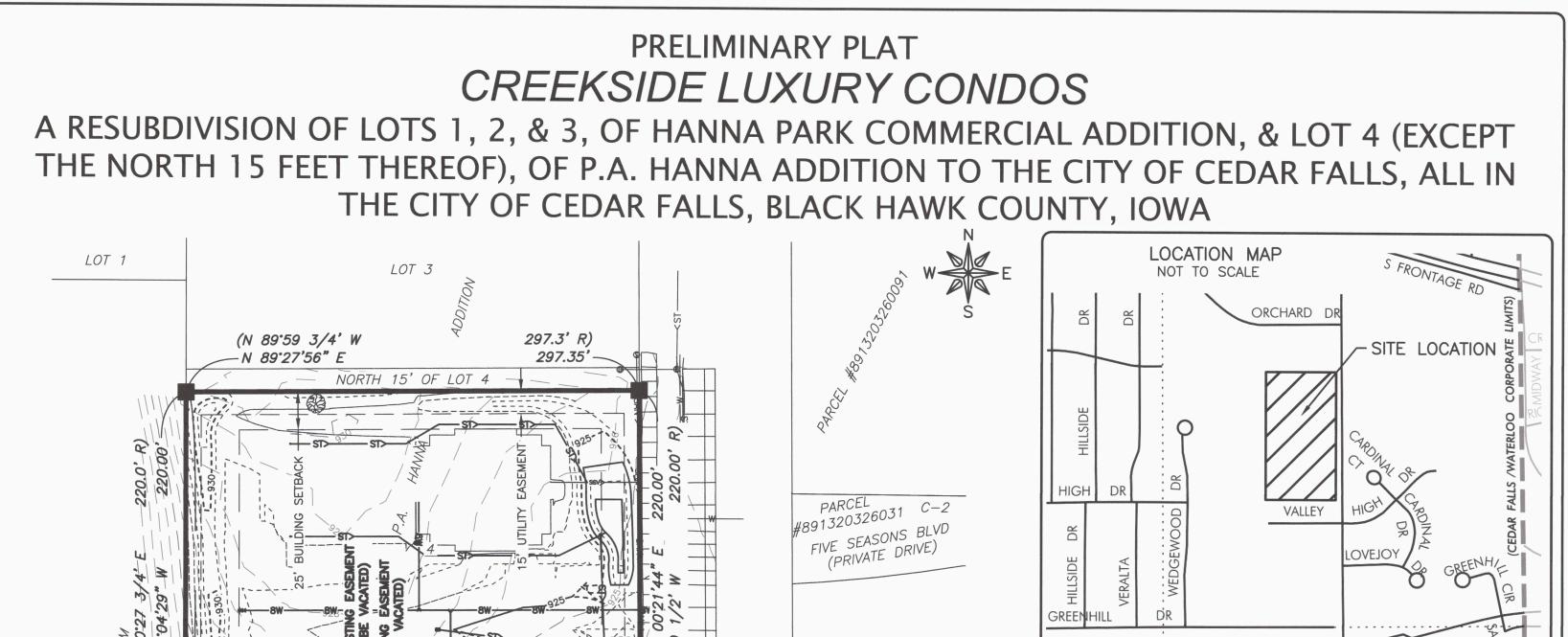
#### **STAFF RECOMMENDATION:**

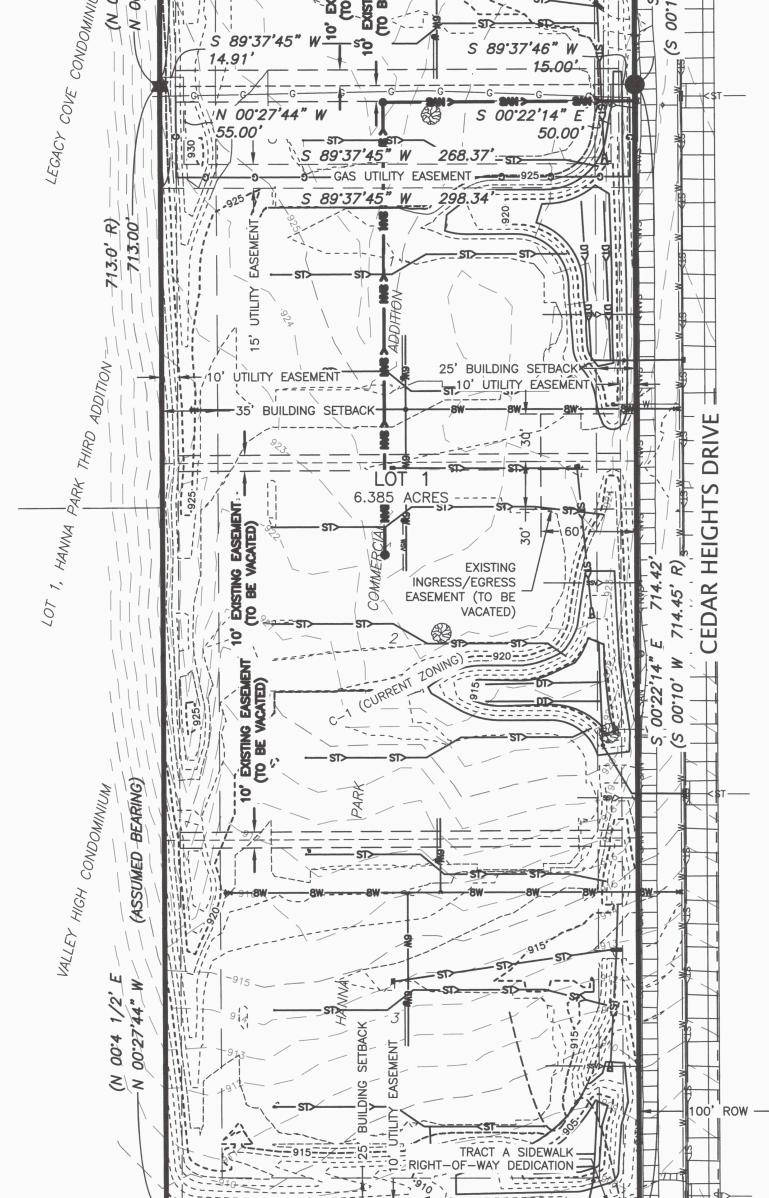
The Community Development Department brings this forward at this time for discussion and to gather public comments in relation to this proposal.

#### PLANNING & ZONING COMMISSION

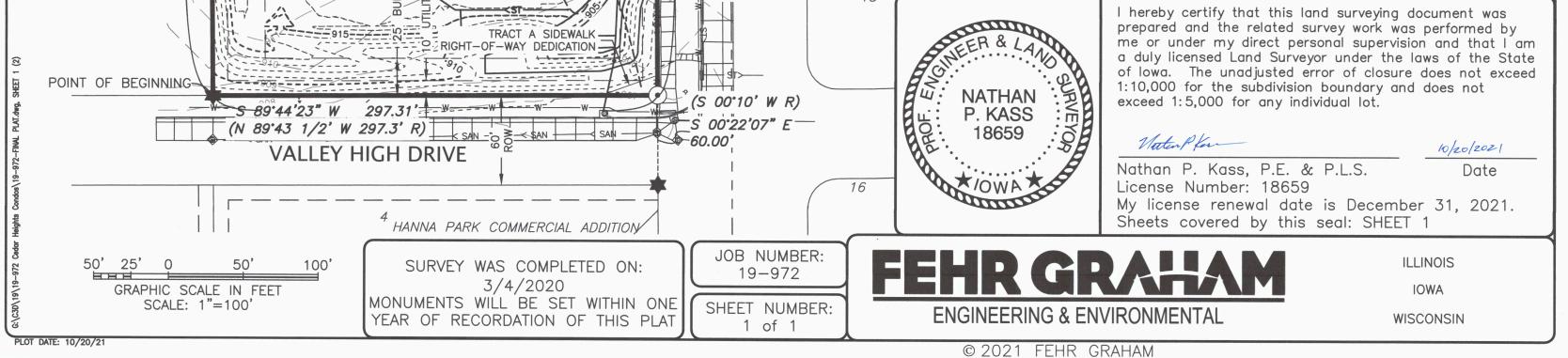
Discussion/Vote 10/27/2021

Attachments: Preliminary Plat Final Plat Deed of Dedication

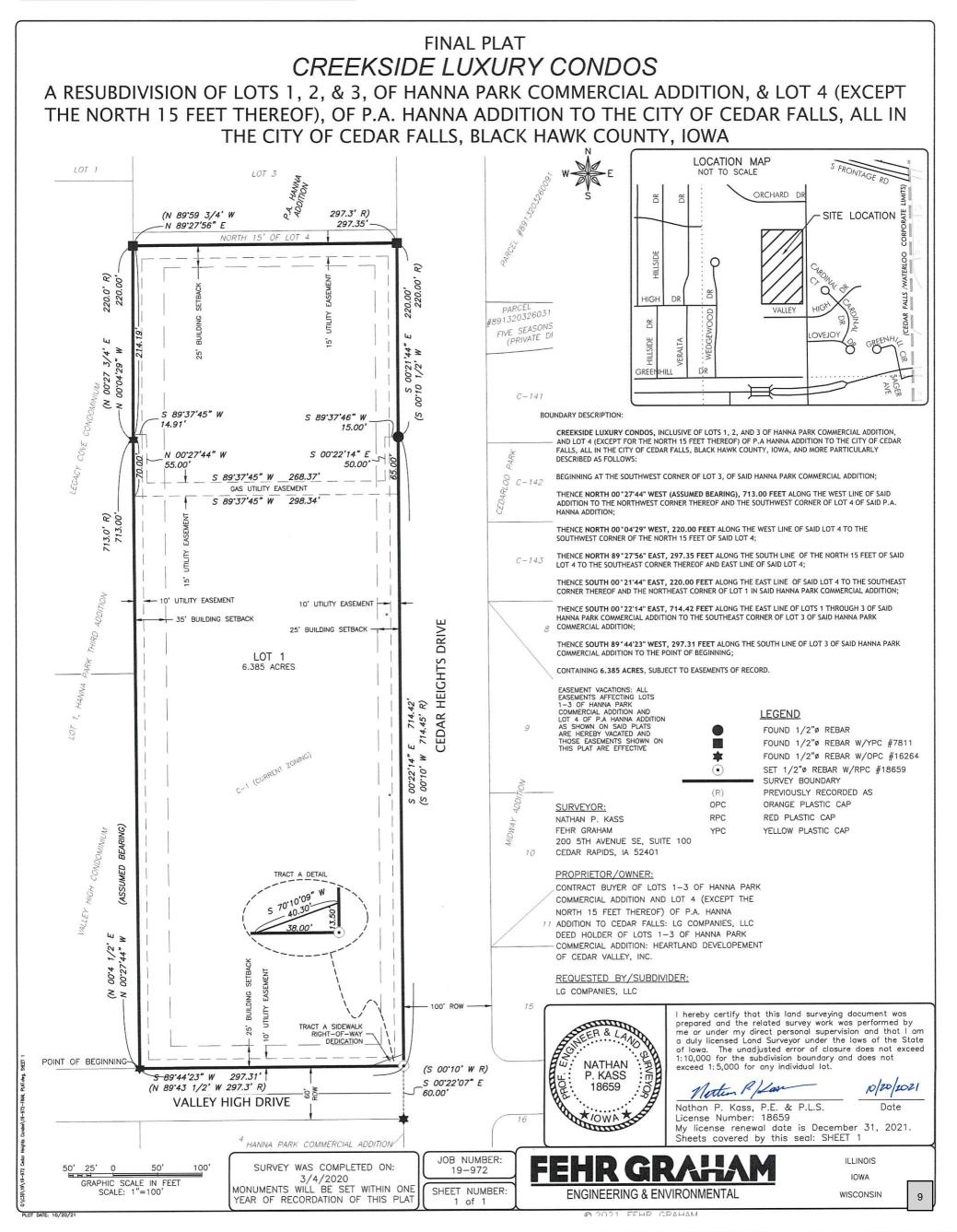




言思 C-141 **BOUNDARY DESCRIPTION:** CREEKSIDE LUXURY CONDOS, INCLUSIVE OF LOTS 1, 2, AND 3 OF HANNA PARK COMMERCIAL ADDITION. AND LOT 4 (EXCEPT FOR THE NORTH 15 FEET THEREOF) OF P.A HANNA ADDITION TO THE CITY OF CEDAR FALLS, ALL IN THE CITY OF CEDAR FALLS, BLACK HAWK COUNTY, IOWA, AND MORE PARTICULARLY PARK **DESCRIBED AS FOLLOWS:** 00 BEGINNING AT THE SOUTHWEST CORNER OF LOT 3, OF SAID HANNA PARK COMMERCIAL ADDITION; C-142 CEDARL THENCE NORTH 00°27'44" WEST (ASSUMED BEARING), 713.00 FEET ALONG THE WEST LINE OF SAID ADDITION TO THE NORTHWEST CORNER THEREOF AND THE SOUTHWEST CORNER OF LOT 4 OF SAID P.A. HANNA ADDITION; THENCE NORTH 00°04'29" WEST, 220.00 FEET ALONG THE WEST LINE OF SAID LOT 4 TO THE SOUTHWEST CORNER OF THE NORTH 15 FEET OF SAID LOT 4; THENCE NORTH 89° 27'56" EAST, 297.35 FEET ALONG THE SOUTH LINE OF THE NORTH 15 FEET OF SAID C - 143LOT 4 TO THE SOUTHEAST CORNER THEREOF AND EAST LINE OF SAID LOT 4; THENCE SOUTH 00°21'44" EAST, 220.00 FEET ALONG THE EAST LINE OF SAID LOT 4 TO THE SOUTHEAST CORNER THEREOF AND THE NORTHEAST CORNER OF LOT 1 IN SAID HANNA PARK COMMERCIAL ADDITION; THENCE SOUTH 00°22'14" EAST, 714.42 FEET ALONG THE EAST LINE OF LOTS 1 THROUGH 3 OF SAID HANNA PARK COMMERCIAL ADDITION TO THE SOUTHEAST CORNER OF LOT 3 OF SAID HANNA PARK COMMERCIAL ADDITION; 8 THENCE SOUTH 89°44'23" WEST, 297.31 FEET ALONG THE SOUTH LINE OF LOT 3 OF SAID HANNA PARK COMMERCIAL ADDITION TO THE POINT OF BEGINNING; CONTAINING 6.385 ACRES, SUBJECT TO EASEMENTS OF RECORD. EASEMENT VACATIONS: ALL EASEMENTS AFFECTING LOTS 1-3 OF HANNA PARK COMMERCIAL ADDITION AND LOT 4 OF P.A HANNA ADDITION AS SHOWN ON SAID PLATS 9 ARE HEREBY VACATED AND THOSE EASEMENTS SHOWN ON THIS PLAT ARE EFFECTIVE SURVEYOR: CURRENT ZONING: C-1 NEIGHBORHOOD COMMERCIAL NATHAN P. KASS **PROPOSED ZONING:** 201 **R-P PLANNED RESIDENTIAL** FEHR GRAHAM ADDI 200 5TH AVENUE SE, SUITE 100 SETBACK REQUIREMENTS: CEDAR RAPIDS, IA 52401 FRONT: 25' SIDE: 25' YEWOIN REAR: 35' PROPRIETOR/OWNER: FLOODPLAIN: N/A WETLANDS: N/A CONTRACT BUYER OF LOTS 1-3 OF HANNA PHASING: 10 PARK COMMERCIAL ADDITION AND LOT 4 PROJECT PLANNED TO BE CONSTRUCTED IN 3 PHASES, 2 STRUCTURES PER PHASE. (EXCEPT THE NORTH 15 FEET THEREOF) OF PHASE 1 TO HAVE A SINGLE DRIVEWAY FROM P.A. HANNA ADDITION TO CEDAR FALLS: LG CEDAR HEIGHTS DRIVE. SECOND DRIVEWAY CONSTRUCTED IN PHASE 2 FROM CEDAR COMPANIES, LLC HEIGHTS DRIVE. DEED HOLDER OF LOTS 1-3 OF HANNA PARK TOPOGRAPHIC CHANGES: COMMERCIAL ADDITION: HEARTLAND SITE WILL BE REGRADED TO PROVIDE LEVEL PADS FOR BUILDINGS WITH 11 DEVELOPEMENT OF CEDAR VALLEY, INC. PARKING LOTS GENTLY SLOPING AWAY FROM THE PADS. STORMWATER MANAGEMENT WILL BE ALONG THE EAST REQUESTED BY/SUBDIVIDER: BOUNDARY WITH GRADING TO DRAIN TO LG COMPANIES, LLC THE CELLS. PADS WILL BE TERRACE FROM THE HIGHEST ON THE NORTH TO C/O KYLE LARSON LOWEST ON THE SOUTH. 4104 WEDGEWOOD DR CEDAR FALLS, IA 50613 15



Recorder's Index
County: BLACK HAWK COUNTY
Section: 20-T89N-R13W
Quarter Section: SW1/4
City: CEDAR FALLS
Subdivision: CREEKSIDE LUXURY CONDOS
Block: N/A
Lot(s): 1
Proprietor: SEE BELOW
Requested By: SEE BELOW



Prepared by: Michael R. Young, Esq., 3151 Brockway Road, PO Box 810, Waterloo, IA 50704 (319) 234-4471

# OWNER'S STATEMENT AND DEDICATION OF CREEKSIDE LUXURY CONDOS, CITY OF CEDAR FALLS, BLACK HAWK COUNTY, IOWA

## KNOW ALL PARTIES BY THESE PRESENTS:

That LG Companies, LLC, an Iowa limited liability company (the "*Developer*"), being desirous of re-subdividing the real estate for which it is contract buyer that is legally described in the attached Exhibit A (the "*Property*") and laying out thereon a new addition in the City of Cedar Falls (the "*City*"), Black Hawk County, Iowa, and with the free consent and in accordance with the desires of the deed holder and owner of the Property, Heartland Development of Cedar Valley, Inc., an Iowa corporation (the "*Owner*"), does by these presents, dedicate and set apart said Property as further described in the accompanying plat (the "*Plat*") showing location and particulars, to be hereinafter known and called:

# CREEKSIDE LUXURY CONDOS, CITY OF CEDAR FALLS, BLACK HAWK COUNTY, IOWA (the "Subdivision");

and does further covenant and agree, for itself, its successors, and assigns, that the Subdivision shall be, and the same is hereby subject to the following restrictions and easements, as fully and effectively as if the same were contained and set forth in each deed, contract, or mortgage that the undersigned or its successors in interest may hereafter make, and that such restrictions and easements shall run with the land, all as follows:

#### I. <u>RESTRICTIONS</u>

1.1 The Property comprising said Subdivision may be used for any purpose normally permitted by the Cedar Falls, Iowa, zoning ordinances, as amended from time to time, except as further restricted by an agreement between the then-owner of a portion of the Property and the City of Cedar Falls dated January 16, 1990, and recorded at Book 290 Misc. 152 in the office of the Recorder of Black Hawk County, Iowa, and Cedar Falls, Iowa, and Ordinance No. 2503, adopted March 14, 2005 and filed March 21, 2005, as Doc. # 2005-21486 which among other things, do not permit the use of a portion of the Property for filling stations, hotels, motels, auto courts, pole buildings or convenience stores. The specific restrictions set out in the preceding

sentence may be changed by the City Council of Cedar Falls, Iowa, without the consent of the other owners of property in the vicinity.

1.2 No building shall be erected on the Property nearer than the building setback lines shown on the Plat. Furthermore, no building structures, landscaping structures, private gardens or any other possible obstruction can be placed in easements.

1.3 For the purpose of protecting and maintaining the integrity of the Subdivision, for the period of five (5) years from the date of filing of the Plat, the Developer reserves the right to review all plans for landscaping, including sodding or sprinkling with seed, for construction of driveways and accessory buildings, and all building plans for any structure to be erected in the Subdivision, and any changes after the approval thereof, any remodeling, reconstruction, alteration to any structure upon the Property in the Subdivision, shall require the approval in writing of the Developer. Approval of such plans and specifications shall be evidenced by the written endorsement on such plans and specifications, a copy of which shall be delivered to the owner of portion of the Subdivision upon which construction, alteration, or landscaping is proposed. After the expiration of five (5) years from the date of filing of the Plat, this provision shall lapse and be of no further force or effect.

1.4 No obnoxious or offensive trade or activity shall be carried on upon the Property nor shall anything be done thereon which may be or become an annoyance or nuisance to the Subdivision or its broader neighborhood.

1.5 The Subdivision shall comply with all requirements of the U.S. Post Office for mail receptacles. All mailboxes in the Subdivision shall be clustered or grouped. The location of the clustered mailboxes shall be approved by the City. The area around said mailboxes shall be kept free and clear by the owners within the Subdivision on which said mailboxes are located.

1.6 No more than two access drives to the Subdivision will be granted off of Cedar Heights Drive. The placement of drives will be as illustrated on the Site Development Plan attached to the Subdivision Development Procedures Agreement. The northernmost drive will align with either (a) 5 Seasons Boulevard, or (b) the existing entry drive to 3912 Cedar Heights Drive.

1.7 The undersigned and all persons and entities hereafter acquiring any right, title, or interest in any portion in the Subdivision shall be taken and held to have agreed and covenanted with all other owners in the Subdivision and with the respective successors and assigns of all of the rest of such other owners, to conform to and observe all of the foregoing covenants, restrictions and stipulations as to the use and construction or building thereon, for a period of 21 years from the date of filing of the Plat and this Deed of Dedication for record. Within the period of 21 years and in accordance with the Iowa Code §§614.24 and 614.25 (2021) or their successor provisions, these covenants, restrictions and stipulations may be extended for an additional period of 21 years upon compliance with §§614.24 and 614.25 (2021). In the event an extension of the covenants, restrictions and stipulations contained herein shall terminate at the end of the existing period of 21 years. Nothing in this paragraph 1.6 shall change the rights of the City as described in paragraph 1.1 above.

1.8 If the parties hereto or any of them or their heirs or assigns shall violate or attempt to violate any of the covenants or restrictions herein, it shall be lawful for any other person or persons owning property in the Subdivision to prosecute any proceedings at law or in equity against the person or persons violating or attempting to violate any such covenants or restrictions and for the purpose of preventing such acts or to recover damages for such violations, or both, and for costs and reasonable attorney fees as determined by the Court and not the statute.

1.9 Invalidation of any of these covenants by judgment, decree or court order, shall in no way affect any of the other provisions of this dedication and such other provisions shall remain in full force and effect.

## II. DEDICATION OF UTILITIES

The Developer does hereby dedicate and convey to the City, for the public's use, the gas utility easement and other utility easements shown and laid out on the Plat. The utilities, as required by the subdivision ordinances of the City, have previously been installed at the Property. Furthermore, the Developer agrees as follows:

2.1 Any private corporation, firm or person later furnishing utilities for the transmission and/or distribution of water, sanitary sewer, gas, electricity, communication service or cable television, shall install the same underground, except that transformers, switch boxes, control boxes street lights and the like shall be permitted above grade, it being the intent that primary and secondary services shall be installed underground.

2.2 The Sidewalk Right-of-Way (described as "*Tract A*") as detailed in the Plat, at the southeast corner of the Property, is dedicated and conveyed to the City for use as a sidewalk right-of-way by adding it to the existing right-of-way along Cedar Heights and Valley High drives.

2.3 The Property, when developed, shall provide for storm water detention as required by City ordinances.

#### III. <u>EASEMENTS</u>

3.1 The Developer does hereby grant and convey to the City, and its successors and assigns, and to any private corporation, firm or person furnishing utilities for the transmission and/or distribution of water, sanitary sewer, gas, electricity, communication service or cable television, perpetual easements for the erection, laying, building and maintenance of said services across, on and/or under the Property as shown on the Plat. All such utilities shall be installed underground. No structures of any kind shall be built or placed within any easements as shown on the attached Plat.

3.2 The Developer does hereby grant and convey to the Cedar Falls Municipal Utilities, and its successors and assigns, an easement for maintenance and reconstruction as necessary across, on and/or under the area designated on the Plat as a gas utility easement.

IN WITNESS WHEREOF, this instrument has been signed at Cedar Falls, Iowa this \_\_\_\_\_ day of \_\_\_\_\_\_, 2021.

#### **DEVELOPER:**

# LG COMPANIES, LLC

By: \_\_\_\_\_\_Kyle W. Larson, Member

STATE OF IOWA

COUNTY OF BLACK HAWK

This instrument was acknowledged before me on \_\_\_\_\_, 2021 by Kyle W. Larson, as Member of LG Companies, LLC.

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Notary Public - State of Iowa

#### CONSENT OF OWNER

The undersigned, as an authorized officer of the deed holder and owner of the Property, Heartland Development of Cedar Valley, Inc., an Iowa corporation, does by these presents acknowledge that the platting of the captioned Subdivision is made with its free consent and in accordance with its desires, as written above.

**OWNER:** 

## HEARTLAND HOMES OF CEDAR VALLEY, INC.

By: \_\_\_\_

Joseph M. Minard, President

# STATE OF IOWA ) )ss COUNTY OF BLACK HAWK )

This instrument was acknowledged before me on \_\_\_\_\_\_, 2021 by Joseph M. Minard, as President of Heartland Homes of Cedar Valley, Inc.

Notary Public - State of Iowa



# ADMINISTRATION

City of Cedar Falls 220 Clay Street Cedar Falls, Iowa 50613 Phone: 319-273-8600 Fax: 319-273-8610 www.cedarfalls.com

# MEMORANDUM

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# Evaluative Report for the Cedar Falls City Council on the Merit and Feasibility of Renewing the Downtown Self-Supported Municipal Improvement District

# **PROPOSAL**

In accordance with Iowa Code Chapter 386, Community Main Street has submitted a petition to the City of Cedar Falls for the renewal of the Downtown Self-Supported Municipal Improvement District (SSMID). The purpose for the creation of the Downtown SSMID is to provide funding to pay the ongoing administrative and support costs for the services and functioning of Community Main Street, which develops and encourages retail businesses by way of promotion and support for existing businesses, area improvements, and for healthy growth and development consistent with the long term goals for the Downtown business district.

Attached is the memo and petition submitted by Community Main Street. The requirement for approval of a SSMID is support by petition from a minimum of 25% of the unique property owners representing 25% of the total valuation of the District. Community Main Street submitted signatures from 47% of the total number of unique property owners, which represent 61% of the total valuation within the area covered by the SSMID, so their petition meets the threshold for renewal of the SSMID.

The self-imposed tax upon property within the SSMID area will be set at \$3.89 per \$1,000 of net taxable valuation for fiscal year 2023, with a maximum allowable levy rate

of \$5.83. All tax revenue collected from properties subject to the additional tax will be deposited into the Downtown Self-Supported Municipal Improvement District Fund for the operational purposes of Community Main Street as stated above. It should be noted that residential property within the District is not subject to the additional tax.

# BACKGROUND AND ANALYSIS

This memorandum serves as the *Evaluative Report for City Council the Merit and Feasibility of the Downtown Self-Supported Municipal Improvement District.* The following attachments are supporting documentation used in the development of this Evaluative Report:

- A letter from Community Main Street requesting renewal of the SSMID with a summary of the necessary signatures of support received to meet the State requirements for renewal of the SSMID;
- A spreadsheet that includes all commercial property owners that are located within the boundaries of the SSMID and subject to the additional tax. Those deedholders highlighted in the spreadsheet are those who have signed the petition of support. The spreadsheet indicates both the percentage of unique property owners who have signed the petition and the percentage of valuation those properties represent within the SSMID;
- Copies of the signed petitions;
- Map illustrating the location and boundaries of the SSMID.

# STAFF RECOMMENDATION

Staff recommends the following actions be taken by the Planning & Zoning Commission:

- 1. Approval and endorsement of this *Planning & Zoning Commission Evaluative* Report for the City Council on the Merit and Feasibility of the Renewal of the Downtown Self-Supported Municipal Improvement District; and
- 2. Recommendation of the Planning & Zoning that City Council proceeds to set public hearing for consideration of the renewal of the Downtown Self-Supported Municipal Improvement District.

# PLANNING & ZONING COMMMISSION ACTIONS

10/27/21 Meeting -



**310 East 4th Street** Cedar Falls, IA 50613

Phone: 319-277-0213 www.communitymainstreet.org

# 2021-2022 **Board of Directors:**

Darin Beck

Natalie Brown

Ann Eastman

Brent Johnson

Audrey Kittrell

Jenny Leeper

Helen Pearce

Clark Rickard Mark Showalter

**Brad Strouse** 

Wynette Froehner

Stephanie Houk-Sheetz

Ex-officio

Crystal Ford

Lexie Heath - President

Ms. Jacque Danielsen City Clerk City of Cedar Falls 220 Clay Street Cedar Falls, IA 50613

October 1, 2021

Re: Downtown Cedar Falls Self-Supported Municipal Improvement District

Dear Ms. Danielsen:

Enclosed, please find information pertaining to the creation of the Self-Supported Municipal Improvement District (SSMID) in the downtown area. The downtown SSMID was originally established in 1987 and its purpose is to provide funding for the continuation of the Community Main Street, Inc. (CMS). The proposed district is to be established for the period commencing July 1, 2022, and ending June 30, 2027. The provisions for enabling the enactment of the SSMID are addressed in the Code of Iowa, Chapter 386. Specifics are outlined as follows.

The CMS Board of Directors has collected property owners' signatures on the SSMID petition. Renewal requires supporting documents and signed petitions representing at least 25% of the taxable valuation and 25% of the downtown property owners. Included in this packet are signed petition forms representing 61% of the taxable valuation and 47% of the downtown property owners, exceeding the minimum requirements for renewal.

CMS would propose that these petitions and other documentation be submitted to the Planning and Zoning Commission for consideration and recommendation at their October 27, 2021, meeting. Based on the recommendation from the Planning and Zoning, the request would then follow the standard procedure of conducting a Public Hearing and adopting an Ordinance to establish said district. An updated copy of the 2016 ordinance is included with this letter.

The provisions of the Ordinance do comply with the necessary guidelines or establishing a district as addressed in Chapter 386 of the Code, herein referred to as the Act.







#### 386.3 Establishment

- 1a. Be comprised of contiguous property wholly within the boundaries of the City. The area designed is contiguous and is defined on the attached map and legally described to include said property.
- b. Be given a descriptive name. The name of the district shall be "Downtown Cedar Falls Self-Supported Municipal Improvement District."

c. Be comprised of property related in some manner. The property described is physically located in the downtown district and participates in the Community Main Street, Inc. program to enable downtown revitalization. Zoning is currently C-1, C-2 and C-3, appropriate for said District.

2a. The signatures of at least 25% of all owners of property within the proposed district. These signatures must together represent ownership of property with an assessed value of 25% or more of the assessed value of all of the property in the proposed district.

Sections 2b, c, d, e, and f of 386.3 are included in the ordinance that is included with this letter.

Please feel free to contact me at 319-277-0213 if you have any questions. Thank you.

Kind regards,

Kim Bear

Kim Bear Executive Director Community Main Street

Deed Holder	Property Address	Taxable Value
305 MAIN STREET LLC	305 MAIN ST	229,992
323 PROPERTIES LLC	517 WASHINGTON ST	340,398
ADW LLC	102 MAIN ST	175,001
ARABELLA LLC	102 CLAY ST	1,615,653
ARABELLA LLC	200 W 1ST ST	1,975,566
ARABELLA LLC		102,636
AVAN PROPERTIES LLC	108 MAIN ST	147,821
B J S HOLDINGS LLC	311 MAIN ST	294,741
BLACK HAWK HOTEL MOTOR LODGE LLC	122 WASHINGTON ST	340,911
BLACKHAWK HOTEL LLC		53,541
BT HOLDINGS LLC	122 MAIN ST	310,968
CEDAR FALLS COMMUNITY CR UNION	123 W 4TH ST	1,048,806
COMMUNITY NATIONAL BANK	312 W 1ST ST	658,890
D SQUARED II LLC	109 E 4TH ST	108,387
D SQUARED II LLC	402 MAIN ST	459,387
D SQUARED II LLC	406 MAIN ST	227,423
DOLLYS RENTALS LLC	604 CLAY ST	1,325,826
EQUITY REAL ESTATES INVESTMENTS	111 MAIN ST	227,157
FARMERS STATE BANK	515 MAIN ST	2,537,982
FARRIS, DAVID	116 MAIN ST	201,978
FARRIS, DAVID	118 MAIN ST	228,426
FARRIS, DAVID A	209 STATE ST	294,975
FENCL, DANIEL D TRUST	422 MAIN ST	456,111
FENCL, DANIEL D TRUST		163,152
FIRST NATIONAL BANK OF CF	602 MAIN ST	1,842,795
FIRST NATIONAL BANK OF CF		112,518
FIRST NATIONAL BANK OF CF		90,414
FIRST NATIONAL BANK OF CF		45,486
FRANKLIN STREET PROPERTY L C	415 CLAY ST	715,113
FRANKLIN STREET PROPERTY L C		41,463
FRANKLIN STREET PROPERTY L C		31,752
FRANKLIN STREET PROPERTY L C		6,057
GREAT WESTERN BANK	205 W 2ND ST	904,590
HI YIELD LLC	123 W 7TH ST	509,481
HI YIELD LLC		50,742
HI YIELD LLC		31,851
IEHL, CALVIN R		874,917
JJ LAND L C	110 E 3RD ST	199,089
JJ LAND L C	222 MAIN ST	265,113
JJ LAND L C	224 MAIN ST	212,742
K GROUP L C	226 MAIN ST	232,902
KEL MAR LC	600 STATE ST	380,781
KEL MAR LC	521 CLAY ST	104,160
KNUTSON, AARON M	622 MAIN ST	294,705
LINDERBAUM REAL ESTATE LLC	115 E 2ND ST	295,749
MAIN STREET HOTELS LC	115 MAIN ST	1,027,413
MAIN STREET HOTELS LC	119 MAIN ST	305,757

MARSH, JEFFREY J	412 MAIN ST	167,148
NAB INVESTMENTS LLC	315 MAIN ST	622,883
NAB INVESTMENTS LLC	317 MAIN ST	257,345
NELSON FUNERAL HOME INC	613 MAIN ST	417,632
OVERMAN NORTH PARTNERS LC	323 W 2ND ST	132,966
PANTHER BUILDERS LLC	616 CLAY ST	498,942
PARK PLACE PROPERTIES	324 W 3RD ST	131,697
PC REAL ESTATE LLC	310 MAIN ST	230,760
PC REAL ESTATE LLC	312 MAIN ST	298,134
PC REAL ESTATE LLC	316 MAIN ST	495,864
PRESTIGE WW LLC	205 MAIN ST	443,547
RICHARDSON FUNERAL HOME INC	616 WASHINGTON ST	49,684
RICHARDSON FUNERAL HOME INC		48,456
RIVER PLACE PROPERTIES II LC	123 E 3RD ST	62,982
RIVER PLACE PROPERTIES II LC	302 MAIN ST	184,338
RIVER PLACE PROPERTIES LC		149,454
SC AND B PROPERTIES LLC	318 MAIN ST	284,691
SHIMEK, ANDREW	109 MAIN ST	119,511
SHIMEK, ANDREW D	104 MAIN ST	230,735
SHIMEK, ROBERTA M	107 MAIN ST	239,083
SIMPLE AS 128 LLC	128 MAIN ST	320,225
SRE HOLDINGS LLC		57,033
SRE HOLDINGS LLC	201 WASHINGTON ST	587,376
SRE HOLDINGS LLC	403 WASHINGTON ST	195,651
STATE STREET MIXED USE II LC	100 E 2ND ST	5,915,120
STATE STREET MIXED USE LC	200 STATE ST	5,558,276
STATE STREET RESIDENCES LC		417,915
STONE AND TERRACE LLC	108 E 4TH ST	250,110
STONE AND TERRACE LLC		87,471
VIKING PUMP INC	222 E 7TH ST	220,230
VIKING PUMP INC	406 STATE ST	1,094,040
VIKING PUMP INC		48,303
VIKING PUMP INC		540

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gifty	Jepry Leeper	205 Main St. CF 205 main St. CF	319-239-7176
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Farmers State Bank	ADDRESS	PHONE
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2	Cedar Falls	
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NAME	222 F 7th JADDRESS	PHONE
1. VIKING Pump, Inc.	406 State St., Ceder Ells, Int.	50613 319-273-8166
2. (Connie Kuhr	222 E 7th Stade Bus, Int 406 State St., Ceder Bus, Int ing on behalf of Yosh St	iever)
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NAME	ADDRESS	PHONE	
1. Cedor Falls Community Cel	Ly Helen Prance,	LEO 133W4 thSH 3	19-266-75-31
2. Dawn Wilson 3. Mu Shimik 4. MIK Shimek	102 Main Street ( 104 Main St 109 Main St		404-5468 9230:9775 9230:9775
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NAME	ADDRESS	PHONE
1. Ambomban	222, 224 Main SA 110 E 3rd	3194043330
20 ate Durning.	517 Washington St, CF	319.290.1198
3. Debra Knill	108 Main St. CF 3	19240.3967
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NAME	ADDRESS	PHONE
Brent Johnson	122/124 Main	515-290-1008
2. Brent Dahlstrom	604 Clay St	319-505-3609
3.	200 W. 1St St	
4 .	102 Clay St	
5 .	123 W. 7th St	
б,	616 Clay St	
7 .	406 Main St	
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A NAME		ADDRESS	PHONE
Allerand	Thomas R. Penaluna	111 Main Street, Cedar Falls, Iowa 50613	319-833-1234
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Reditern Low Firm/ mg.	ADDRESS	PHONE
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2. First Bank by ISAI	In 602 mainst	247-7928
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NAME	ADDRESS	PHONE
1 . Jessica & Jeff Marsh	408-412 Main Street	319-269-8309
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	NAME MAN	ADDRESS	PHONE
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1.	PC Real Estate, LLC	310 Main Street	
2	PC Real Estate, LLC	312 Main Street	
3. Million	PC Real Estate, LLC	314-316 Main Street	
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## Petition for Renewal of the Self-Supported Municipal Improvement District (SSMID) 2022

We, the undersigned, endorse renewing the Self-Supported Municipal Improvement District (SSMID) for the Cedar Falls Downtown District. Said renewal will be established for the period commencing July 1, 2022 and ending June 30, 2027. Said district will be taxed at a rate not to exceed 5.80 per \$1,000 of taxable valuation of the real property included. Revenues generated from the district shall be used to fund downtown revitalization through Community Main Street, Inc. This petition shall be submitted to the City Clerk of the City of Cedar Falls, Iowa requesting that the district be continued.

	NAME	ADDRESS	PHONE
_1.	Ann Eastman	827 Westwood Drive CF	319-269-7766
2.		305 main Street	
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## Petition for Renewal of the Self-Supported Municipal Improvement District (SSMID) 2022

We, the undersigned, endorse renewing the Self-Supported Municipal Improvement District (SSMID) for the Cedar Falls Downtown District. Said renewal will be established for the period commencing July 1, 2022 and ending June 30, 2027. Said district will be taxed at a rate not to exceed 5.80 per \$1,000 of taxable valuation of the real property included. Revenues generated from the district shall be used to fund downtown revitalization through Community Main Street, Inc. This petition shall be submitted to the City Clerk of the City of Cedar Falls, lowa requesting that the district be continued.

NAME	ADDRESS	PHONE
1. Mimi ARice	1164/18 Main St	(319)961-0856
	209 STATE ST	319 961-8078
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### Item 3.

### CODE OF ORDINANCES CITY OF CEDAR FALLS, IOWA

• ARTICLE X. - MUNICIPAL IMPROVEMENT DISTRICTS[10]

## • • DIVISION 1. - DOWNTOWN CEDAR FALLS SELF-SUPPORTED MUNICIPAL IMPROVEMENT DISTRICT

- •
- Sec. 2-676. Created; purpose.

• There is hereby created in the city a *self-supported municipal improvement district* as defined in Chapter 386 of the 2015 Code of Iowa (referred to in this article as "the Act"), the name of which *district* shall be the "Downtown Cedar Falls *Self-Supported Municipal Improvement District*" (sometimes referred to in this article as the "*district*"), the purposes of which *district* are the undertaking of actions and the design and construction of any and all *improvements* authorized by the Act, and the performance of administration, redevelopment and revitalization of the *district*, as authorized by the Act.

(Ord. No. 2759, § 1, 2-27-12; Ord. No. 2894, § 1, 2-20-17)

- Sec. 2-677. Boundaries.
- The *district* shall include all property within the following described boundaries:

That part of <u>Section 12</u>, Township 89 North, Range 14 West of the Fifth P.M. in the City of Cedar Falls, Black Hawk County Iowa described as beginning on the centerline of Franklin Street at its intersection with the southerly bank of the Cedar River; thence southerly along said centerline of Franklin Street to the centerline of 6th Street; thence easterly along said centerline of 6th Street to the centerline of Clay Street; thence southerly along said centerline of 7th Street; thence easterly along said centerline of 7th Street to the former westerly right of way line of the former Chicago and North Western Transportation Company; thence northerly along said former westerly right of way line to the centerline of 4th Street; thence easterly along said centerline of 4th Street to the westerly bank of the Cedar River; thence northerly along the westerly and southerly bank of the Cedar River to the point of beginning.

(Ord. No. 2759, § 1, 2-27-12; Ord. No. 2894, § 1, 2-20-17)

• Sec. 2-678. - Benefit determined; location in C-1, C-2, C-3, and M-2 zoning districts.

• It is found and determined that the owners of all of the property within the *district* have a present and potential benefit from the condition, development and maintenance of the *district* and that all of the property within the *district* is related by virtue of its location within the C-1, C-2, C-3, or M-2 Zoning *Districts* of the city.

(Ord. No. 2759, § 1, 2-27-12; Ord. No. 2894, § 1, 2-20-17)

• Sec. 2-679. - Operation fund created; purpose.

• Pursuant to the provisions of Section 8 of the Act, there is established and created a *self-supported improvement district* operation fund, which shall be known as the "Downtown Cedar Falls *Self-Supported Municipal Improvement District* Operation Fund" (and which is referred to in this article as the "operation fund"), for which operation fund the city may certify taxes (the "operation tax") each year commencing with the levy of taxes for collection in the fiscal year beginning July 1, 2017, and continuing through the fiscal year ending June 30, 2022, for the purpose of paying such expenses of the *district* as are authorized

maintenance expenses of *improvements* or *self*-liquidating *improvements*, as defined by the Act, for a period of five years.

(Ord. No. 2759, § 1, 2-27-12; Ord. No. 2894, § 1, 2-20-17)

• Sec. 2-680. - Operation tax.

• The operation tax levied in any one year, as provided in <u>section 2-679</u>, shall be at a rate not to exceed five dollars and eighty-three cents (\$5.83) per one thousand dollars (\$1,000.00) of taxable value of the property within the *district*.

(Ord. No. 2759, § 1, 2-27-12; Ord. No. 2894, § 1, 2-20-17)

• Sec. 2-681. - Copies on file.

The city clerk shall cause a copy of the ordinance codified in this article to be filed in the office of the Black Hawk County Recorder and in the office of the Black Hawk County Treasurer.

(Ord. No. 2759, § 1, 2-27-12; Ord. No. 2894, § 1, 2-20-17)

Item 3.

		FOR REESTABLISH	MENT OF CEDAR FALLS DOWN	TOWN SELF-SUPPORTED MUNICIPAL IMPRO	OVEMENT DISTRICT (SSMID) 2	022			Item 3.
Parcel Number	Primary Owner	Situs	Assessed Value	Name	Attention	Address	City	State	zıp
891412188004	305 MAIN STREET LLC	305 MAIN ST	113,576	305 MAIN STREET LLC		827 WESTWOOD DR	CEDAR FALLS	IA	50613
891412188004	305 MAIN STREET LLC	305 MAIN ST	170,364	305 MAIN STREET LLC		827 WESTWOOD DR	CEDAR FALLS	IA	50613
891412188006	309 MAIN LLC	309 MAIN ST	106,820	309 MAIN LLC		309 MAIN ST	CEDAR FALLS	IA	50613
891412188006	309 MAIN LLC	309 MAIN ST	198,380	309 MAIN LLC		309 MAIN ST	CEDAR FALLS	IA	50613
891412333005	323 PROPERTIES LLC	517 WASHINGTON ST	378,220	323 PROPERTIES LLC		1628 W 6TH ST	STORM LAKE	IA	50588
891412251003	ADW LLC	102 MAIN ST	65,341	ADW LLC		3620 ROWND ST	CEDAR FALLS	IA	50613
891412251003	ADW LLC	102 MAIN ST	145,439	ADW LLC		3620 ROWND ST	CEDAR FALLS	IA	50613
891412188003	AKER, BARBARA DAVIS	303 MAIN ST	203,729	AKER, BARBARA DAVIS		2350 EWING ST	LOS ANGELES	CA	90039
891412188003	AKER, BARBARA DAVIS	303 MAIN ST		AKER, BARBARA DAVIS		2350 EWING ST	LOS ANGELES	CA	90039
891412406010	ALLTELL	504 BLUFF ST	118,580	DUFF AND PHELPS LLC		PO BOX 2549	ADDISON	ТХ	75001
891412179001	ARABELLA LLC	102 CLAY ST		ARABELLA LLC		PO Box 128	CEDAR FALLS	IA	50613
891412179011	ARABELLA LLC	200 W 1ST ST		ARABELLA LLC		PO Box 128	CEDAR FALLS	IA	50613
891412179011	ARABELLA LLC	200 W 1ST ST		ARABELLA LLC		PO Box 128	CEDAR FALLS	IA	50613
891412179014	ARABELLA LLC	200 10 201 01		ARABELLA LLC		PO Box 128	CEDAR FALLS	IA	50613
891412252020	AREA ELECTRIC INC	204 MAIN ST		AREA ELECTRIC INC		510 STATE ST	CEDAR FALLS	IA	50613
891412252020	AREA ELECTRIC INC	204 MAIN ST		AREA ELECTRIC INC		510 STATE ST	CEDAR FALLS	IA	50613
				AREA ELECTRIC INC	+				50613
891412405003		510 STATE ST	,			510 STATE ST	CEDAR FALLS		
891412251006	AVAN PROPERTIES LLC	108 MAIN ST		AVAN PROPERTIES LLC		1746 DAKOTA DR	WATERLOO	IA	50701
891412251006	AVAN PROPERTIES LLC	108 MAIN ST		AVAN PROPERTIES LLC		1746 DAKOTA DR	WATERLOO	IA	50701
891412188007	B J S HOLDINGS LLC	311 MAIN ST	- /	PETERSEN, BRUCE		311 MAIN ST	CEDAR FALLS	IA	50613
891412329001	BATH PROPERTIES LLC	404 WASHINGTON ST		BATH PROPERTIES LLC	+	1015 ORCHARD DR	CEDAR FALLS	IA	50613
891412178005	BENDABLE EQUITIES LLC			BENDABLE EQUITIES LLC		1816 VALLEY HIGH DR	CEDAR FALLS	IA	50613
891412180013	BLACK HAWK HOTEL LLC			TINDALL HOTEL INC		3700 RIVER OAKS DR	DES MOINES	IA	50612
891412180012	BLACK HAWK HOTEL MOTOR LODGE LLC	122 WASHINGTON ST		TINDALL HOTEL INC		3700 RIVER OAKS DR	DES MOINES	IA	50612
891412252013	BLACK HAWK LODGE NO 65 AF AND AM	216 MAIN ST	,	BLACK HAWK LODGE NO 65 AF AND AM		PO BOX 493	CEDAR FALLS	IA	50613
891412252015	BLACK HAWK LODGE NO 65 AF AND AM	214 MAIN ST	294,380	BLACK HAWK LODGE NO 65 AF AND AM		PO BOX 493	CEDAR FALLS	IA	50613
891412184003	BRB REAL ESTATE HOLDINGS LLC	201 MAIN ST	91,342	BRB REAL ESTATE HOLDINGS LLC	PO BOX 622	201 MAIN ST	CEDAR FALLS	IA	50613
891412184003	BRB REAL ESTATE HOLDINGS LLC	201 MAIN ST	162,388	BRB REAL ESTATE HOLDINGS LLC	PO BOX 622	201 MAIN ST	CEDAR FALLS	IA	50613
891412126040	BROOMSTICK LODGING LLC	101 W 1ST ST	5,511,220	BROOMSTICK LODGING LLC		2706 JAMES ST	CORALVILLE	IA	52241
891412328006	BRYAN, RANDOLPH	419 WASHINGTON ST	44,493	BRYAN, RANDOLPH		3121 JEPSEN RD	CEDAR FALLS	IA	50613
891412328006	BRYAN, RANDOLPH	419 WASHINGTON ST	120,297	BRYAN, RANDOLPH		3121 JEPSEN RD	CEDAR FALLS	IA	50613
891412251013	BT HOLDINGS LLC	122 MAIN ST	157,842	BT HOLDINGS LLC		217 WASHINGTON ST	CEDAR FALLS	IA	50613
891412251013	BT HOLDINGS LLC	122 MAIN ST		BT HOLDINGS LLC		217 WASHINGTON ST	CEDAR FALLS	IA	50613
891412328004	BUILT BY BRADY LLC	409 WASHINGTON ST	,	BUILT BY BRADY LLC		1026 CARRIAGE LN	CEDAR FALLS	IA	50613
891412338010	CASEYS MARKETING COMPANY		,	CASEYS MARKETING COMPANY		PO Box 54288	LEXINGTON	КҮ	40555
891412338011	CASEYS MARKETING COMPANY	601 MAIN ST		CASEYS MARKETING COMPANY		PO Box 54288	LEXINGTON	КҮ	40555
891412188013	CEDAR FALLS COMMUNITY CR UNION	123 W 4TH ST	,	CEDAR FALLS COMMUNITY CR UNION		PO Box 1009	CEDAR FALLS	IA	50613
891412184013	CEDAR FALLS TRUST & SAVINGS BANK			US BANK CORPORATE REAL ESTATE	C/O RYAN PTS DEPT. 908	PO Box 460169	HOUSTON	TX	77056
891412184013	CEDAR FALLS TRUST & SAVINGS BANK	117 W 3RD ST	106.560		C/O RYAN PTS DEPT. 908	PO Box 460169	HOUSTON	TX	77056
891412184014	CEDAR FALLS TRUST & SAVINGS BANK	222 WASHINGTON ST	/	US BANK CORPORATE REAL ESTATE	C/O RYAN PTS DEPT. 908	PO Box 460169 PO Box 460169	HOUSTON	TX	77056
891412327004	CHEROKEE PROPERTIES LLC			CHEROKEE PROPERTIES LLC	C/O KTAN FTS DEFT. 508	PO BOX 1106	CEDAR FALLS	IA	50613
			,					_	50613
891412327005	CHEROKEE PROPERTIES LLC	411 CLAY ST		CHEROKEE PROPERTIES LLC		PO BOX 1106	CEDAR FALLS	IA	_
891412183005	CITY OF CEDAR FALLS	217 WASHINGTON ST	,	CITY OF CEDAR FALLS		220 CLAY ST	CEDAR FALLS	IA	50613
891412254015	CJS VENTURES LLC	315 STATE ST		CJS VENTURES LLC	+	4220 W MT VERNON RD	CEDAR FALLS	IA	50613
891412254015	CJS VENTURES LLC	315 STATE ST	,	CJS VENTURES LLC		4220 W MT VERNON RD	CEDAR FALLS	IA	50613
891412178006	COMMUNITY NATIONAL BANK	312 W 1ST ST	·	COMMUNITY NATIONAL BANK		PO Box 1288	WATERLOO	IA	50704
891412401001	D SQUARED II LLC	402 MAIN ST		D SQUARED II LLC		PO Box 128	CEDAR FALLS	IA	50613
891412401002	D SQUARED II LLC	109 E 4TH ST		D SQUARED II LLC		PO Box 128	CEDAR FALLS	IA	50613
<mark>891412401011</mark>	D SQUARED II LLC	406 MAIN ST	84,915	D SQUARED II LLC		PO Box 128	CEDAR FALLS	IA	50613
891412401011	D SQUARED II LLC	406 MAIN ST	189,005	D SQUARED II LLC		PO Box 128	CEDAR FALLS	IA	50613
891412337015	DOLLYS RENTALS LLC	604 CLAY ST	1,473,140	DOLLYS RENTALS LLC		PO Box 128	CEDAR FALLS	IA	50613
891412408014	ELEMENT PROPERT, IES LLC	616 STATE ST	98,711	ELEMENT PROPERT, IES LLC	C/O BETH BURRELL	32257 BEAVER VALLEY ST	NEW HARTFORD	IA	50660
891412408014	ELEMENT PROPERT, IES LLC	616 STATE ST	91,119	ELEMENT PROPERT, IES LLC	C/O BETH BURRELL	32257 BEAVER VALLEY ST	NEW HARTFORD	IA	50660
891412180005	EQUITY REAL ESTATES INVESTMENTS	111 MAIN ST APT A	112,176	EQUITY REAL ESTATES INVESTMENTS		PO Box 805	WATERLOO	IA	50704
891412180005	EQUITY REAL ESTATES INVESTMENTS	111 MAIN ST APT A	· · · · · · · · · · · · · · · · · · ·	EQUITY REAL ESTATES INVESTMENTS		PO Box 805	WATERLOO	IA	50704
891412334009	FARMERS STATE BANK	515 MAIN ST		FARMERS STATE BANK		131 TOWER PARK DR APT 100	WATERLOO	IA	50701
891412251010	FARRIS, DAVID	116 MAIN ST		FARRIS, DAVID		215 COLORADO RD	CEDAR FALLS	IA	50613
891412251010	FARRIS, DAVID	118 MAIN ST		FARRIS, DAVID		215 COLORADO RD	CEDAR FALLS	IA	50613
891412251011	FARRIS, DAVID	118 MAIN ST		FARRIS, DAVID		215 COLORADO RD	CEDAR FALLS	IA	50613
891412251011	FARRIS, DAVID	209 STATE ST		FARRIS, DAVID		215 COLORADO RD	CEDAR FALLS	IA	50613 50 <u>613</u>
		422 MAIN ST		FARRIS, DAVID A				IA	500151
891412401018	TENCE, DAMIEL D TRUST	H42Z IVIAIN ST	506,790	TLINCE, DAINIEL D TRUST		422 MAIN ST	CEDAR FALLS	IA	

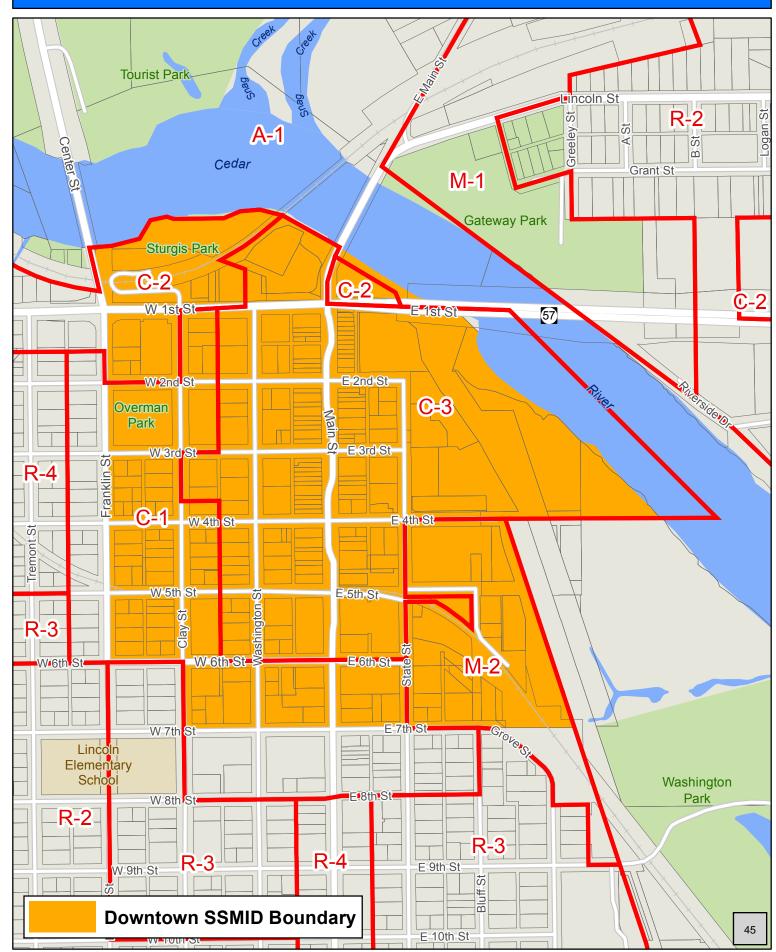
91412401019	FENCL, DANIEL D TRUST		191 200	FENCL,DANIEL D TRUST		422 MAIN ST	CEDAR FALLS	IA	Iter
)1412401019	,	602 MAIN ST					CEDAR FALLS		
	FIRST NATIONAL BANK OF CF	602 MAIN ST		FIRST NATIONAL BANK OF CF		PO Box 189		IA	506
1412407004	FIRST NATIONAL BANK OF CF			FIRST NATIONAL BANK OF CF		PO Box 189	CEDAR FALLS		
1412407005	FIRST NATIONAL BANK OF CF			FIRST NATIONAL BANK OF CF		PO Box 189	CEDAR FALLS	IA	506
1412407006	FIRST NATIONAL BANK OF CF			FIRST NATIONAL BANK OF CF		PO Box 189	CEDAR FALLS	IA	506
1412178001	FN AND R RENTAL LLC	320 W 1ST ST		F N & R RENTAL LLC	C/O DANIEL L RUBENDALL	765 PROSPECT BLVD	WATERLOO	IA	507
1412251007	FORE INVESTORS LLC	110 MAIN ST	106,481	FORE INVESTORS LLC		201 WASHINGTON ST	CEDAR FALLS	IA	506
1412251007	FORE INVESTORS LLC	110 MAIN ST	153,229	FORE INVESTORS LLC		201 WASHINGTON ST	CEDAR FALLS	IA	506
1412329009	FOUR HUNDRED ELEVEN MAIN L C	415 MAIN ST	190,410	FOUR HUNDRED ELEVEN MAIN L C		411 MAIN ST	CEDAR FALLS	IA	506
1412329016	FOUR HUNDRED ELEVEN MAIN L C	411 MAIN ST	281,000	FOUR HUNDRED ELEVEN MAIN L C		411 MAIN ST	CEDAR FALLS	IA	506
1412327006	FRANKLIN STREET PROPERTY L C	415 CLAY ST	794.570	REDFERN, DONALD B		PO Box 627	CEDAR FALLS	IA	506
1412327007	FRANKLIN STREET PROPERTY L C			REDFERN, DONALD B		PO Box 627	CEDAR FALLS	IA	506
1412327011	FRANKLIN STREET PROPERTY L C		· · · ·	REDFERN, DONALD B		PO Box 627	CEDAR FALLS	IA	506
1412327011	FRANKLIN STREET PROPERTY L C			REDFERN, DONALD B		PO Box 627	CEDAR FALLS	IA	500
		11C W 4TH CT		FREESE FRAME LLC					506
1412329002	FREESE FRAME LLC	116 W 4TH ST	,			1613 GREEN CREEK RD	CEDAR FALLS	IA	
1412179012	GREAT WESTERN BANK	205 W 2ND ST		GREAT WESTERN BANK		225 S MAIN AVE	SIOUX FALLS	SD	571
1412408003	H & H ENTERPRISES LLC	602 STATE ST		H & H ENTERPRISES LLC		602 STATE ST	CEDAR FALLS	IA	506
1412406003	HARTING, KENNETH & DEBRA TRUST	516 BLUFF ST	6,144	HARTING,KENNETH & DEBRA TRUST		900 ROYAL DR	CEDAR FALLS	IA	506
1412406003	HARTING, KENNETH & DEBRA TRUST	516 BLUFF ST	116,746	HARTING,KENNETH & DEBRA TRUST		900 ROYAL DR	CEDAR FALLS	IA	50
1412406006	HARTING, KENNETH & DEBRA TRUST		34,920	HARTING, KENNETH & DEBRA TRUST		900 ROYAL DR	CEDAR FALLS	IA	50
91412338001	HI YIELD LLC		35,390	HI YIELD LLC		PO Box 128	CEDAR FALLS	IA	50
91412338006	HI YIELD LLC			HI YIELD LLC		PO Box 128	CEDAR FALLS	IA	50
1412338007	HI YIELD LLC	123 W 7TH ST		HI YIELD LLC		PO Box 128	CEDAR FALLS	IA	50
1412180010	HUMBLE PROPERTIES LLC	125 MAIN ST		HUMBLE PROPERTIES LLC		125 MAIN ST	CEDAR FALLS	IA	50
91412180010	HUMBLE PROPERTIES LLC	125 MAIN ST		HUMBLE PROPERTIES LLC		125 MAIN ST	CEDAR FALLS	IA	50
			,						
1412251012	IBL DDT LLC	120 MAIN ST		IBL DDT LLC		PO Box 673	CEDAR FALLS	IA	50
1412251012	IBL DDT LLC	120 MAIN ST		IBL DDT LLC		PO Box 673	CEDAR FALLS	IA	50
1412333006	IEHL, CALVIN R	211 W 6TH ST	,	IEHL, CALVIN R		4219 EASTPARK RD	CEDAR FALLS	IA	50
1412252002	JACOBS, JOHN L	109 E 2ND ST		JACOBS, JOHN L		109 E 2ND ST	CEDAR FALLS	IA	50
1412252002	JACOBS, JOHN L	109 E 2ND ST	33,381	JACOBS, JOHN L		109 E 2ND ST	CEDAR FALLS	IA	50
91412252009	JJ LAND L C	112 E 3RD ST	221,210	JJ LAND L C		7728 N UNION RD	JANESVILLE	IA	50
91412252011	JJ LAND L C	224 MAIN ST	236,380	JJ LAND L C		7728 N UNION RD	JANESVILLE	IA	50
91412252012	JJ LAND L C	222 MAIN ST	294.570	JJ LAND L C		7728 N UNION RD	JANESVILLE	IA	50
91412252010	K GROUP L C	226 MAIN ST		K GROUP L C		2204 VALLEY PARK DR	CEDAR FALLS	IA	50
91412332007	KEL MAR LC	521 CLAY ST		KEL MAR LC		619 E 19TH ST	CEDAR FALLS	IA	50
91412408019	KEL MAR LC	600 STATE ST		KEL MAR LC		619 E 19TH ST	CEDAR FALLS	IA	50
91412407003	KNUTSON, AARON M	622 MAIN ST		KNUTSON, AARON M		622 MAIN ST	CEDAR FALLS	IA	50
91412254007	KOEPPEL, ALLEN D	116 E 4TH ST		KOEPPEL, ALLEN D		2501 TIMBER DR	CEDAR FALLS	IA	50
91412188002	LAUBER, MERLYN D	301 MAIN ST		LAUBER, MERLYN D		1815 WINTER RIDGE RD	CEDAR FALLS	IA	50
1412187002	LINCOLN SAVINGS BANK	301 WASHINGTON ST		LINCOLN SAVINGS BANK		PO Box E	REINBECK	IA	50
91412252003	LINDERBAUM REAL ESTATE LLC	115 E 2ND ST	328,610	LINDERBAUM REAL ESTATE LLC		2725 GLEN OAKS DR	CEDAR FALLS	IA	50
91412180001	M AND D REAL ESTATE 2 L L C	122 W 1ST ST	439,530	M AND D REAL ESTATE 2 L L C		3058 HUNTINGTON DR	DUBUQUE	IA	52
91412180007	MAIN STREET HOTELS LC	115 MAIN ST	1,141,570	MAIN STREET HOTELS LC		200 STATE ST APT 202-Z	CEDAR FALLS	IA	50
91412180008	MAIN STREET HOTELS LC	119 MAIN ST	339.730	MAIN STREET HOTELS LC		200 STATE ST APT 202-Z	CEDAR FALLS	IA	50
91412184006	MAKINC	207 MAIN ST	214 730	MAK INC		20995 487TH LN	MC GREGOR	MN	55
1412401010	MARSH, JEFFREY J	412 MAIN ST		MARSH, JEFFREY J		116 SUMMIT DR	CEDAR FALLS		50
1412187005	MERSHON RENTALS LLC	320 CLAY ST		MERSHON RENTALS LLC		3012 ROWND ST	CEDAR FALLS	IA	50
1412333003				MJ THOMPSON RENTALS LLC		503 WASHINGTON ST	CEDAR FALLS	IA	
	MJ THOMPSON RENTALS LLC	503 WASHINGTON ST	,						50
01412184008	MMC PROPERTIES LLC	213 MAIN ST	,	MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50
1412184009	MMC PROPERTIES LLC	215 MAIN ST		MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50
1412184010	MMC PROPERTIES LLC	217 MAIN ST	,	MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50
1412184011	MMC PROPERTIES LLC	219 MAIN ST		MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50
1412184011	MMC PROPERTIES LLC	219 MAIN ST	307,849	MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50
1412184012	MMC PROPERTIES LLC	223 MAIN ST	153,303	MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50
1412184012	MMC PROPERTIES LLC	223 MAIN ST		MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50
1412251005	MMC PROPERTIES LLC	106 MAIN ST	,	MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50
1412251005	MMC PROPERTIES LLC	106 MAIN ST		MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50
91412251005	MMC PROPERTIES LLC	112 MAIN ST	,	MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50
1412251008	MMC PROPERTIES LLC	112 MAIN ST	,	MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50
1412251009	MMC PROPERTIES LLC	114 MAIN ST		MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50
91412251009	MMC PROPERTIES LLC	114 MAIN ST	,	MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50
1412252019	MMC PROPERTIES LLC	206 MAIN ST		MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50
1412252023	MMC PROPERTIES LLC	210 MAIN ST	006 670	MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	50

891412401003	MMC PROPERTIES LLC	115 E 4TH ST	773,490	MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	Item 3
891412401005	MMC PROPERTIES LLC			MMC PROPERTIES LLC		PO Box 188	CEDAR FALLS	IA	100013
891412188008	NAB INVESTMENTS LLC	315 MAIN ST		NAB INVESTMENTS LLC		315 MAIN ST	CEDAR FALLS	IA	50613
891412188008	NAB INVESTMENTS LLC	315 MAIN ST	541,799	NAB INVESTMENTS LLC		315 MAIN ST	CEDAR FALLS	IA	50613
891412188009	NAB INVESTMENTS LLC	317 MAIN ST	102,844	NAB INVESTMENTS LLC		315 MAIN ST	CEDAR FALLS	IA	50613
891412188009	NAB INVESTMENTS LLC	317 MAIN ST		NAB INVESTMENTS LLC		315 MAIN ST	CEDAR FALLS	IA	50613
891412405002	NATVIG, CHRISTINA M	506 STATE ST	68,580	NATVIG, CHRISTINA M		5043 NORDIC RIDGE DR	CEDAR FALLS	IA	50613
891412338005	NELSON FUNERAL HOME INC	613 MAIN ST		RICHARDSON FUNERAL HOME INC		PO Box 542	CEDAR FALLS	IA	50613
891412338005	NELSON FUNERAL HOME INC	613 MAIN ST		RICHARDSON FUNERAL HOME INC		PO Box 542	CEDAR FALLS	IA	50613
891412252021	NLN INVESTMENTS LLC	203 STATE ST		NLN INVESTMENTS LLC		3903 PHEASANT DR	CEDAR FALLS	IA	50613
891412178004	OVERMAN NORTH PARTNERS LC	323 W 2ND ST		OVERMAN NORTH PARTNERS LC		200 STATE ST APT 202-Z	CEDAR FALLS	IA	50613
891412337014	PANTHER BUILDERS LLC	616 CLAY ST		PANTHER BUILDERS LLC		PO Box 128	CEDAR FALLS	IA	50613
	PARK PLACE PROPERTIES	324 W 3RD ST		PARK PLACE PROPERTIES		324 W 3RD ST	CEDAR FALLS	IA	50613
	PC REAL ESTATE LLC	314 MAIN ST		PC REAL ESTATE LLC		1501 TECHNOLOGY PW APT 300	CEDAR FALLS	IA	50613
891412254011	PC REAL ESTATE LLC	312 MAIN ST		PC REAL ESTATE LLC		1501 TECHNOLOGY PW APT 300	CEDAR FALLS	IA	50613
891412254012	PC REAL ESTATE LLC	310 MAIN ST		PC REAL ESTATE LLC		1501 TECHNOLOGY PW APT 300	CEDAR FALLS	IA	50613
891412329003	PJ 42 LLC	114 W 4TH ST		PJ 42 LLC		103 E STATE ST APT 300	MASON CITY	IA	50401
	PJ 42 LLC	114 W 4TH ST		PJ 42 LLC		103 E STATE ST APT 300	MASON CITY	IA	50401
891412329003 891412184016	PRESTIGE WW LLC	205 MAIN ST		PRESTIGE WW LLC		1304 WASHINGTON ST	CEDAR FALLS	IA	50613
891412184016	RASMUSSON CHEVROLET CO INC			RASMUSSON CHEVROLET CO INC		9716 UNIVERSITY AVE	CEDAR FALLS	IA	50613
891412334006	RASMUSSON CHEVROLET CO INC	+		RASMUSSON CHEVROLET CO INC		9716 UNIVERSITY AVE	CEDAR FALLS	IA	50613
891412334007	RASMUSSON CHEVROLET CO INC	508 WASHINGTON ST		RASMUSSON CHEVROLET CO INC	+	9716 UNIVERSITY AVE	CEDAR FALLS	IA	50613
891412338008 891412338008	RICHARDSON FUNERAL HOME INC	616 WASHINGTON ST 616 WASHINGTON ST		RICHARDSON FUNERAL HOME INC		PO Box 542 PO Box 542	CEDAR FALLS CEDAR FALLS	IA	50613 50613
		616 WASHINGTON ST	,						
891412338009	RICHARDSON FUNERAL HOME INC			RICHARDSON FUNERAL HOME INC		PO Box 542	CEDAR FALLS	IA	50613
891412401015	RICKARD, CLARK J	415 STATE ST	,	RICKARD, CLARK J		903 MAIN ST	CEDAR FALLS	IA	50613
891412401016	RICKARD, CLARK J			RICKARD, CLARK J		903 MAIN ST	CEDAR FALLS	IA	50613
891412179013	RICKARD, KURT D	110 CLAY ST		RICKARD, KURT D		223 W 2ND ST	CEDAR FALLS	IA	50613
891412254001	RIVER PLACE PROPERTIES II LC	302 MAIN ST		RIVER PLACE PROPERTIES II LC		200 STATE ST APT 202-Z	CEDAR FALLS	IA	50613
891412254002	RIVER PLACE PROPERTIES II LC	123 E 3RD ST		RIVER PLACE PROPERTIES II LC		200 STATE ST APT 202-Z	CEDAR FALLS	IA	50613
891412253046	RIVER PLACE PROPERTIES LC		,	STATE STREET MIXED USE LC		200 STATE ST APT 202-Z	CEDAR FALLS	IA	50613
891412254009	SC AND B PROPERTIES LLC	318 MAIN ST		SC AND B PROPERTIES LLC		318 MAIN ST	CEDAR FALLS	IA	50613
891412254009	SC AND B PROPERTIES LLC	318 MAIN ST		SC AND B PROPERTIES LLC		318 MAIN ST	CEDAR FALLS	IA	50613
891412188010	SCHILLING, TIMOTHY	319 MAIN ST		SCHILLING, TIMOTHY		319 1/2 MAIN ST	CEDAR FALLS	IA	50613
891412188011	SCHILLING, TIMOTHY	321 MAIN ST		SCHILLING, TIMOTHY		319 1/2 MAIN ST	CEDAR FALLS	IA	50613
891412188012	SCHILLING, TIMOTHY	323 MAIN ST		SCHILLING, TIMOTHY		319 1/2 MAIN ST	CEDAR FALLS	IA	50613
891412180004	SHIMEK, ANDREW	109 MAIN ST		SHIMEK, ANDREW		827 COMMERCIAL ST	WATERLOO	IA	50702
891412251004	SHIMEK, ANDREW D	104 MAIN ST	120,309	SHIMEK, ANDREW D		827 COMMERCIAL ST	WATERLOO	IA	50702
891412251004	SHIMEK, ANDREW D	104 MAIN ST	166,141	SHIMEK, ANDREW D		827 COMMERCIAL ST	WATERLOO	IA	50702
891412180003	SHIMEK, ROBERTA M	107 MAIN ST	101,892	SHIMEK, ROBERTA M		1504 HAMMOND AVE	WATERLOO	IA	50702
891412180003	SHIMEK, ROBERTA M	107 MAIN ST	189,228	SHIMEK, ROBERTA M		1504 HAMMOND AVE	WATERLOO	IA	50702
891412251014	SIMPLE AS 128 LLC	128 MAIN ST	98,940	SIMPLE AS 128 LLC		205 E 18TH ST	CEDAR FALLS	IA	50613
891412251014	SIMPLE AS 128 LLC	128 MAIN ST	281,600	SIMPLE AS 128 LLC		205 E 18TH ST	CEDAR FALLS	IA	50613
891412329004	SKYVIEW LC	401 MAIN ST	1,425,000	SKYVIEW LC		808 DEARBORN AVE	WATERLOO	IA	50703
891412183003	SPINVESTMENTS LLC	201 WASHINGTON ST	652,640	SPINVESTMENTS LLC		201 WASHINGTON ST	CEDAR FALLS	IA	50613
891412184001	SPINVESTMENTS LLC		63,370	SPINVESTMENTS LLC		201 WASHINGTON ST	CEDAR FALLS	IA	50613
891412328003	SRE HOLDINGS LLC	403 WASHINGTON ST	217,390	SRE HOLDINGS LLC		2110 FLYNN DR	CEDAR FALLS	IA	50613
891412253099	STATE STREET MIXED USE II LC	100 E 2ND ST	3,416,139	STATE STREET MIXED USE II LC		200 STATE ST 200-Z	CEDAR FALLS	IA	50613
891412253099	STATE STREET MIXED USE II LC	100 E 2ND ST		STATE STREET MIXED USE II LC		200 STATE ST 200-Z	CEDAR FALLS	IA	50613
891412253047	STATE STREET MIXED USE LC	200 STATE ST		STATE STREET MIXED USE LC		200 STATE ST 200-Z	CEDAR FALLS	IA	50613
891412253047	STATE STREET MIXED USE LC	200 STATE ST	3,885,935	STATE STREET MIXED USE LC		200 STATE ST 200-Z	CEDAR FALLS	IA	50613
	STATE STREET RESIDENCES LC		464.350	STATE STREET RESIDENCES LC		200 STATE ST APT 202-Z	CEDAR FALLS	IA	50613
	STONE AND TERRACE LLC			STONE AND TERRACE LLC		2110 FLYNN DR	CEDAR FALLS	IA	50613
891412254014	STONE AND TERRACE LLC	108 E 4TH ST		STONE AND TERRACE LLC		2110 FLYNN DR	CEDAR FALLS	IA	50613
891412184007	STRICKLER PROPERTIES LC	209 MAIN ST		STRICKLER PROPERTIES LC	ATTN: DAVID STRICKLER	209 MAIN ST	CEDAR FALLS	IA	50613
891412329005	T AND T RENTALS L C	407 MAIN ST	,	T AND T RENTAL L C		409 MAIN ST	CEDAR FALLS	IA	50613
	T AND T RENTALS L C	409 MAIN ST		T AND T RENTALS L C	1	409 MAIN ST	CEDAR FALLS	IA	50613
		421 MAIN ST	, ,	T AND T RENTALS L C	1	409 MAIN ST	CEDAR FALLS	IA	50613
891412329006	T AND T RENTALS L C				+	409 MAIN ST	CEDAR FALLS	IA	50613
891412329006 891412329012	T AND T RENTALS L C			T AND T RENTALS L C					
891412329006 891412329012 891412329017	T AND T RENTALS L C	419 MAIN ST	1,145,600	T AND T RENTALS L C					
891412329006 891412329012 891412329017 891412252001	T AND T RENTALS L C THODES INC	419 MAIN ST 202 MAIN ST	1,145,600 26,239	THODES INC		202 MAIN ST	CEDAR FALLS	IA	50613
891412329006 891412329012 891412329017 891412252001 891412252001	T AND T RENTALS L C THODES INC THODES INC	419 MAIN ST 202 MAIN ST 202 MAIN ST	1,145,600 26,239 212,301	THODES INC THODES INC		202 MAIN ST 202 MAIN ST	CEDAR FALLS CEDAR FALLS	IA IA	50613 50613
891412329006 891412329012 891412329017 891412252001 891412252001 891412188005	T AND T RENTALS L C THODES INC	419 MAIN ST 202 MAIN ST	1,145,600 26,239 212,301 305,320	THODES INC		202 MAIN ST	CEDAR FALLS	IA	50613

								"
891412327003	TURCOTTE INSURANCE & INVESTMENTS	302 W 4TH ST	133,300	TURCOTTE INSURANCE & INVESTMENTS	302 W 4TH ST	CEDAR FALLS	IA	Item 3.
891412406011	U S CELLULAR OPER CO OF WATERLOO		92,780	DUFF AND PHELPS	PO BOX 2549	ADDISON	TX L	73001
891412187004	VAR MIL INC	323 WASHINGTON ST	272,290	VAR MIL INC	216 W 11TH ST	WATERLOO	IA	50702
891412180009	VERA JAMES LLC	123 MAIN ST	138,115	VERA JAMES LLC	1819 PINEHURST LN	WATERLOO	IA	50701
891412180009	VERA JAMES LLC	123 MAIN ST	225,345	VERA JAMES LLC	1819 PINEHURST LN	WATERLOO	IA	50701
891412253015	VIKING PUMP INC		53,670	VIKING PUMP INC	406 STATE ST	CEDAR FALLS	IA	50613
891412402006	VIKING PUMP INC	406 STATE ST	1,215,600	VIKING PUMP INC	406 STATE ST	CEDAR FALLS	IA	50613
891412408017	VIKING PUMP INC		600	VIKING PUMP INC	406 STATE ST	CEDAR FALLS	IA	50613
891412408020	VIKING PUMP INC	222 E 7TH ST	244,700	VIKING PUMP INC	406 STATE ST	CEDAR FALLS	IA	50613
891412406004	WILLHITE, BECKY J TRUST		620	WILLHITE, BECKY J TRUST	2022 W 18TH ST APT 2	CEDAR FALLS	IA	50613
891412406009	WILLHITE, BECKY J TRUST	508 BLUFF ST	113,370	WILLHITE, BECKY J TRUST	2022 W 18TH ST APT 2	CEDAR FALLS	IA	50613
	99	TOTAL PROPERTY OWNERS	80,281,290	TOTAL ASSESSED VALUE				
	47	SIGNATURES	49,173,570					
	47.47%	REPRESENTS	61.25%					
	OF TOTAL NUMBER OF OWNERS		OF TOTAL ASSESSED VALUE					

## Downtown Self Supporting Municipal Improvement District (SSMID)

Item 3.



## DEPARTMENT OF COMMUNITY DEVELOPMENT



City of Cedar Falls 220 Clay Street Cedar Falls, Iowa 50613 Phone: 319-273-8600 Fax: 319-268-5126 www.cedarfalls.com

MEMORANDUM

Planning & Community Services Division

TO: Planning and Zoning Commission
 FROM: Michelle Pezley, Planner III

 Luke Andreasen, PE, Principal Engineer
 DATE: October 21, 2021

 SUBJECT: PP21-003 West Fork Crossing Preliminary Plat

REQUEST: Request to approve a Preliminary Plat for West Fork Crossing

- PETITIONERS: Echo Development/Brent Dahlstrom; ISG Engineering, Money Pit, LLC and Waterbury Property Investors, LLC property owners.
  - LOCATION: 120 acre parcel between Union Road and Waterbury Drive
  - PROJECT #: PP21-003 Preliminary Plat for West Fork Crossing

## PROPOSAL

The applicant submitted a request for a preliminary subdivision plat for West Fork Crossings, which includes 64 building lots and 29 outlots for future development on approximately 120 acres of land located north of W. 27<sup>th</sup> Street and east of Union Road near the site of the new Cedar Falls High School. The preliminary plat also indicates the location of streets, trails, a neighborhood park, conservation areas, and stormwater management areas. Per the subdivision code regulations the



applicant has also submitted a phasing plan, indicating that the subdivision will be final platted in six phases beginning with the northern 64 lots. The applicant proposes that the subdivision will be single-family residential development.

## BACKGROUND:

This area of land was rezoned from A-1 Agricultural District to R-1 Residence District in October 2019. In 2020, the applicant submitted another rezoning request that included the original R-1 zoned area and the 60 acres to the south to RP Planned Residential District. The Commission approved the proposed RP Plan, including the development phasing plan, but the applicant withdrew the application prior to the close of the public hearing before City Council. During that process in 2020, the applicant and City Staff heard from the neighbors and listened to the neighbors' concerns with regard to through traffic, buffers, and construction traffic. The applicant is still proposing wider sidewalks for trails, traffic calming measures, street layouts to reduce through traffic, and a condition is recommended to limit construction traffic to come from Union Road or W. 27<sup>th</sup> Street.

This application is a little different from most subdivisions, as the applicant has chosen to only show the lot configurations for West Fork Crossing First Addition and the remaining land as outlots for future development. The applicant has been made aware per subdivision code regulations, that they will be required to submit another preliminary plat before the applicant may submit final plats for the additional phases proposed.

The subject property is bordered by an R-1 zoned single-family subdivision (Lexington Heights) and an RP District (Terraces at West Glen) to the north. To the west of the site is a manufactured home development, zoned R-4 and several large single family lots. Undeveloped land owned by UNI and the site of the new Cedar Falls High School is located east and southeast of the subject property. The property is currently farmland.

The applicant, Money Pit LLC, also owns the two parcels are directly south of the site. The two lots consist of sixty acres that are within the A-1 Agricultural District. Since this area is still zoned A-1 Agricultural District, and the applicant has no immediate plans for development of this area, they have requested to exclude this area from the preliminary plat. However, staff notes that to provide adequate traffic circulation for the last three phases of the development, a street connection between phase 3 of the development and W. 27<sup>th</sup> Street will be necessary. This is noted in the phasing plan (see conditions and findings below).

### **ANALYSIS**

## Phasing of Development and Critical Connections:

Per the recent amendment to the subdivision code, the applicant is required to submit a phasing plan that shows the order of development with an emphasis on ensuring the timely connection of streets and other infrastructure within the development. The phasing plan will also require multiple, direct routes between neighborhood designations, and ensure that critical street routes are completed first.



The applicant proposes to subdivide the 120 acres within six phases. Staff reviewed the submitted phasing plan with regard to the critical infrastructure needed for the development and the recommendations of the submitted traffic impact letter. Staff outlined three main critical connections regarding the subdivision and for the community: connections running west to east, connections running north to south to W. 27<sup>th</sup> Street, and the neighborhood connection to the Cedar Falls High School. Staff reviewed the traffic impact letter submitted by the applicant and reviewed the proposed street and lot layout and current and future community destinations in the area and determined that the connection between the subdivision and W. 27<sup>th</sup> Street is needed prior to development of the Fourth through Sixth Additions. The applicant has agreed and has noted this on their phasing plan. Staff notes that when the land to the south is rezoned and platted for development, Cross Creek Drive will be required to be extended to W. 27<sup>th</sup> Street as another critical connection to provide adequate traffic circulation through this large neighborhood as it builds out.

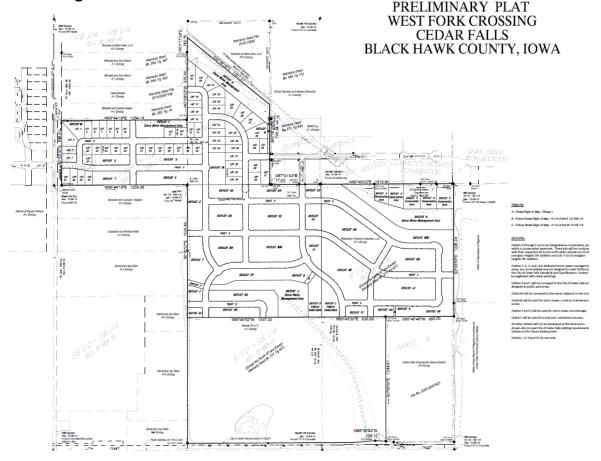
The applicant shows in the phasing plan that the First Addition will connect Union Road to Waterbury Drive, which was the anticipated east-west street connection planned with the Lexington Heights subdivision. This will allow Lexington Heights residents a more direct route to important destinations, such as employment centers, schools, and shopping areas located to the south and future residents of the new subdivision another route to the north. While staff would have preferred a more direct connection from Waterbury to Union Road with more standard traffic calming measures to slow traffic, the applicant has designed the street layout with a more circuitous route. Since this connection is intended to serve neighborhood traffic circulation needs rather than a regional route, staff finds this to be acceptable. Staff notes that construction traffic

Item 4.

during development of the 1<sup>st</sup> and 2<sup>nd</sup> Addition should be routed from Union Road and not through the existing Lexington Heights neighborhood.

The Second Addition of the development will connect Cross Creek Drive to Union Road. The Third Addition will connect the development to the southern sixty acres owned by the applicant. Staff recommends that the applicant provide a temporary construction access road from W. 27<sup>th</sup> Street with the 3rd Addition. This will provide a route for construction traffic without passing through the completed 1<sup>st</sup> and 2<sup>nd</sup> Additions. (See Condition 1). Per the phasing plan, a permanent public street connection to W. 27<sup>th</sup> Street will be required prior to development of the Fourth Addition. (See Condition 2).

The applicant also proposes two other street connections to the southern boundary of the subdivision. As noted above, the City will require future development of the southern properties currently owned by the developer to have a second connection to W. 27<sup>th</sup> Street and a connection to the High School.



## Lot Configurations:

The 64 building lots shown on the northern part of the subdivision are intended to be developed as the First Addition. As mentioned above, the applicant proposes the remaining phases to be broken down into outlots that will be reviewed in future preliminary plats prior to any final plats for the Second through the Sixth Additions.

The applicant proposes the West Fork Crossing First Addition to consist of 64

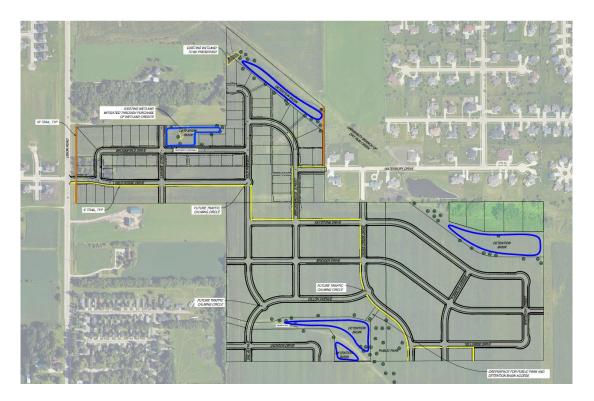
residential lots to be between 23,000 to 9,000 square feet in size. Each lot is at least 70 feet wide as measured from the front setback. Minimum principal building setbacks within the R-1 Zoning District are as follows: 30-foot front yard, 30-foot rear yard, and a side yard of 10% of the lot width. All 64 of the proposed buildable lots meet these standards. Lot 40 is the only odd-shaped lot within the First Addition, so the setbacks are delineated on the lot.

Tracts A, B, and C designate the area where streets will be constructed and dedicated to the City once the improvements are approved by the City. Tract A will be dedicated for streets with the approval of the West Fork Crossing First Addition final plat.

A wetland, the University Branch of Dry Run Creek, and the floodplain are found on Outlot G. Outlot F also contains a small wetland. The wetlands located in Outlot F are likely to be disturbed during construction of the stormwater facility proposed in this location. Therefore, the applicant proposes to mitigate for this wetland F by purchasing wetland credits. The other small wetland in Outlot G and Lot 19 will not be disturbed. No development is proposed within the floodplain. A stormwater management area will be located outside the floodplain. (See more on stormwater management in the subsection below.)

## Parks and Trails:

The applicant continues to support the trail system that was part of their previous RP Plan proposal. Sidewalks will be constructed along all streets within the subdivision according to subdivision regulations. A 10-foot trail will be installed extending north from Waterbury Drive and across the creek to property owned by NewAldaya. This extension is intended to provide a future trail link to the Robinson-Dresser Sports Complex. The City is currently constructing the 10-foot trail along Union Road. Please see comments regarding cost share for the Union Trail within the technical comment section below.



The applicant also proposes wider six-foot sidewalks for bicycle and pedestrian circulation within and through the development (designated in yellow in image above). There is both an east-west route and a north-south route to the 6-foot sidewalk to connect important destinations, such as the high school and the park, and to the 10-foot regional trails along Union Road and W. 27<sup>th</sup>. Within the first and second additions, the six foot sidewalk would connect from Union Road along the south side of Wild Horse Drive to the east side of Yale Parkway to the north side of Keystone Drive, which will also connect to the trail that is proposed through Outlot N. The six-foot sidewalk would continue south along tract B to the park and connect to the school in future phases of the development.

The Comprehensive Plan includes an analysis regarding the community needs for parkland including geographic distribution. Since this will be a new area for residential growth, there will be a need for neighborhood park space. The applicant proposes 2.4 acre park within Outlots K and L and will be included with the Fourth Addition. The proposed parkland is within walking distance to most of the subdivision. Dedication of the park to the City would occur after improvements are made and land is graded and seeded in a manner acceptable to the City, since this area also includes additional open space along the natural drainage way and stormwater detention basin. These details would be worked at the time of final plat. The proposed park and greenway is consistent with the greenway and open space designation on the City's Future Land Use Map.

## Street Network within the Subdivision:

It is best practice to design neighborhoods with a compact pattern of blocks with intersecting streets every 300 to 600 feet. Excessively long blocks, cul-de-sacs, and dead-end streets have hidden long-term costs to the community, including increased emergency vehicle response times, increased travel times to work or school, increased traffic congestion, and disincentives to walk or bike to neighborhood destinations, particularly for children. At the same time, dead-end streets to neighboring properties provide future connections between developments and allow for infill development.

The street layout for West Fork Crossings illustrates the intended pattern of streets and blocks that form a modified grid. Staff finds that the proposed plan provides good connectivity throughout the development and stubs the streets to the property boundary so that a similar street network can continue in adjacent properties. While some of the blocks exceed 600 feet in length, the general pattern is well designed and responds to the topography and environmental features of the site.

## Stormwater Management:

The applicant proposes four outlots to be used for stormwater management areas: Outlot F, G, H, and J for the entire subdivision. The First Addition will consist of grading for Outlots F and G. The applicant proposes the grading for Outlot G to be outside the floodplain area. The applicant proposes to development the stormwater management detention pond on Outlot H during the Third Addition and the last stormwater dentation pond on Outlot J in Phase 5.

Stormwater easements are proposed throughout the preliminary plat to direct stormwater run-off to the four detention basins and will be proposed on future development outlots. These basins are designed to ensure that the water run-off from

the new development is properly managed. According to the draft deed of dedication, the property owner will deed the stormwater management areas to the homeowner association to maintain as well as dedicate easements to the City. The engineering team reviewed the submitted stormwater report dated September 2, 2021, and agrees with the preliminary findings.

## **Concerns Raised in Prior Reviews:**

As mentioned above, the applicant and City staff heard the neighbors' concerns within the last review of the subdivision regarding through traffic and slowing the traffic down by design and traffic calming measures. Noise and dust of construction traffic was also a noted concern. Staff recommends a condition to limit the construction traffic to Union Road for the first two phases and establishment of a temporary construction road to W. 27<sup>th</sup> Street during construction of the third phase **(see Condition 3)**. Traffic calming measures consisting of traffic circles at key intersections are illustrated on the plat.

## **Process:**

Approval of a preliminary plat will allow the developer to proceed with the construction and installation of all required public infrastructure such as streets, sewers, and other utilities for the First Addition of West Fork Crossing. Final platting must follow the phasing plan as attached. No lot sales or new home construction can begin until a final plat is approved by the City Council. A final plat cannot be approved until infrastructure construction plans (streets, utilities, grading, etc.) are approved by the City Engineering Division and the infrastructure built and accepted by the City or a performance bond established. Further preliminary plat approvals are required for the outlots that are designated for future development prior to the submittal of construction drawings and/or final plat.

## **TECHNICAL COMMENTS**

Cedar Falls Utilities (CFU) has reviewed the preliminary plat for the West Fork Crossing Development. Water, electric, gas, and communications utility services are available in accordance with the service policies of CFU. The developer is responsible for the construction of a properly sized water system from the existing 12" water mains on the west side of Union Road and the west end of Waterbury Drive. Included in the installation are valves, fire hydrants, and water service stubs for the new lots. Water main sizing and fire hydrant and valve placement locations will need to be modified. This will be done as a part of the construction plan review. The developer will need to make refundable investments for the installation of the electric and gas utilities to and throughout the addition. For a ten-year period after the installation, CFU will refund a portion of the refundable investments based upon the number of new service connections to the electric and gas distribution systems. There is no interest paid on the refundable investments and the total refunds will not exceed the original investment amounts. CFU will install the communication utility fiber system to serve the addition.

## Sewer:

Sanitary sewer is available and will be connected from the Cherrywood Interceptor located along the northern boundary of the property. This sewer is located along the northern boundary of the property within the floodplain of Dry Run Creek. Staff finds that the service to the north will be adequate to serve West Fork Crossing. This sanitary sewer is located in the Cherrywood Interceptor Sewer District which includes a sewer tapping fee as part of the development. The sewer tapping fee is \$294.63 per acre of development. This fee is paid by the developer at the time of final platting.

The City is also in the process of expanding sewer along W. 27<sup>th</sup> Street to serve the high school and new development along that area. Once the project is completed, staff anticipates that a new sewer tapping fee district will be created which may affect the Third Addition final plat tapping fee.

## **Union Road Improvements:**

As mentioned above, the City is installing the 10 foot trail along the western side of Union Road. The City also will be installing the road approach for Wild Horse Drive to make sure that the ADA requirements are met for the trail. The developer will need to discuss a cost-sharing arrangement with the City associated with these improvements at the time of final plat (see condition 4).

## **Neighbor Notice:**

A courtesy notice to nearby property owners was mailed on October 7, 2021.

The City received three comments in writing regarding the preliminary plat. The comments were mostly general inquiries about the development, concerns about traffic, and connectivity.

In recent email correspondence received (see attached) a neighbor raised questions about connectivity and the street stubs. Staff notes that the developer is required to stub the streets to abutting properties along the perimeter of the subdivision in order to allow for their extension if and when abutting properties are developed. This practice provides for a well-connected street pattern throughout the neighborhood as the area is built out or further subdivided in the future. Currently Waterbury Drive is the only east-west connection across the creek in this area. However, further to the north Wellington Drive will eventually provide another east-west route when those properties to the north are developed in the future. Those properties are not owned by this developer and therefore are not included in this preliminary plat.

In response to a question asked at the last meeting, the City requires warning signage and a barrier at the end of each of these dead end street stubs. Neighboring properties will not be able to have a driveway at the end of the street stubs as these will be blocked off for safety. For street stubs that are longer than 150 feet in length, the Fire Code requires a turnaround or hammerhead constructed to City standards.

## STAFF RECOMMENDATION

Staff recommends approval of PP21-003, a preliminary plat for West Fork Crossings, subject to the following conditions:

- 1. The applicant shall provide a temporary construction access road to 27th Street for the construction of the Third Addition.
- 2. The applicant shall provide a street connection to 27th Street prior to the development of the Fourth Addition.
- 3. For all phases, the applicant shall limit the construction traffic to Union Road and W. 27<sup>th</sup> Street.
- 4. Cost-share on Union Road trail equivalent to cost of a 5-foot sidewalk in this

location to be paid at final plat.

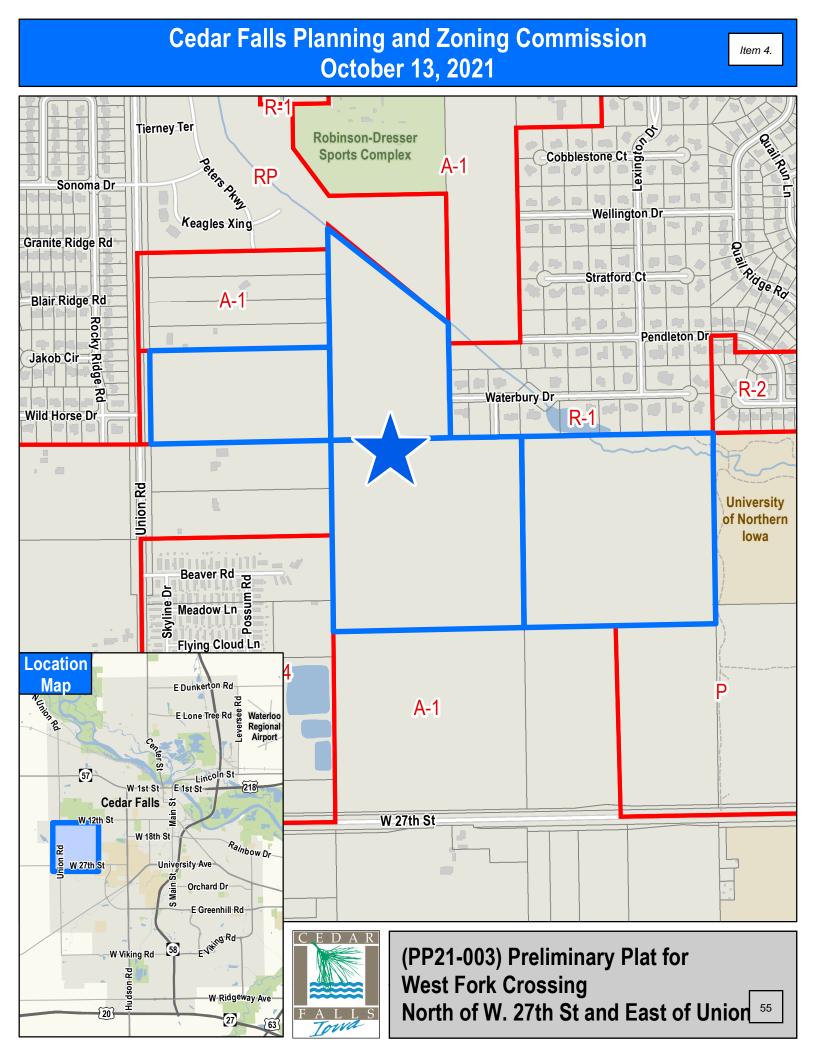
## PLANNING & ZONING COMMISSION

Acting Chair Larson introduced the item and Ms. Howard provided Discussion 10/13/21 background information. The applicant is currently proposing 64 residential building lots and 29 outlots for future development on approximately 120 acres. Outlots A-E are to be deeded to property owners to the north and maintained as conservation areas. Additional preliminary plats will be required prior to the final platting of the outlots designated for future development. Ms. Howard discussed the phasing plan that includes six phases. She also noted the conditions with the process, including construction access, street connections to provide for adequate traffic circulation, and the importance of extending two streets south to provide connections to W. 27th Street. At least one street extension will be required prior to the development of the 4th phase of the development. She noted that a temporary construction access road to W. 27th is recommended with the development of the 3rd phase. For the 1st two phases, construction traffic should be routed from Union Road and not through the existing neighborhoods to the north and east. She spoke about stormwater management and noted that the engineering division has reviewed the report and agrees with the preliminary findings. Ms. Howard also discussed streets, sanitary sewer, trails, and parks. Staff recommends gathering comments from the Commission and continuing discussion to the October 27 meeting.

> Mike Goyen, 1712 Union Road, had questions regarding the storm detention area that will be adjacent to his property. He asked about wetland credits and how they work. He also wanted to know what he can do to ensure he can hook up to City sewer and water if he decides to sell his house. He also commented on the plan for Laramie Street to dead end into his property and asked about assurances that he could have access from that into his property. He noted concerns with traffic issues as well as parking. Ms. Howard stated that questions and comments can be passed on to the applicant and bring the responses back at the next meeting.

> Mr. Holst asked if the staff is generally pleased with the overall concept and layout. Ms. Howard stated that it is very similar to what was reviewed previously, so generally staff is supportive subject to the conditions outlined in the staff report. There was a brief discussion by the Commission and the item was continued to the next meeting.

As there were no further comments, Mr. Holst made a motion to adjourn. Ms. Saul seconded the motion. The motion was approved unanimously with 5 ayes (Hartley, Holst, Larson, Lynch, and Saul), and 0 nays.



# PRELIMINARY PLAT WEST FORK CROSSING CEDAR FALLS, BLACK HAWK COUNTY, IOWA

## **EXISTING LEGAL DESCRIPTION:**

The West Half of the Southeast Quarter (W1/2 SE1/4) and the East Half of the Southwest Quarter (E1/2 SW1/4) of Section 15, Township 89 North, Range 14 West of the 5<sup>th</sup> P.M., Black Hawk County, Iowa except the South 50 feet thereof conveyed for public highway in 115 LD 533 and except that part conveyed to the City of Cedar Falls, lowa in 571 LD 821

Lot No. 2 in Robinson's Plat of part of the Northwest Quarter of Section 15, Township 89 North, Range 14 West of 5th P.M., City of Cedar Falls, Black Hawk County, Iowa, Owner's Dedication filed July 29, 1992 in 302 Misc. 305

AND

AND

The South 648 feet of the Southwest Quarter of the Northwest Quarter (SW1/4 NW1/4) of Section 15, Township 89 North, Range 14 West of the 5th P.M., Black Hawk County, Iowa, except that part conveyed to the City of Cedar Falls for Union Road right of way in 547 LD 656

EXCEPT

The South Half of the East Half of the Southwest Quarter of Section 15, Township 89 North, Range 14 West.

AND The South Half of the West Half of the Southeast Quarter of Section 15, Township 89 North, Range 14 West.

AND

Parcel B in the Southwest Quarter of the Southeast Quarter (SW1/4 SE1/4) of Section 15, Township 89 North, Range 14 West of 5th P.M., City of Cedar Falls, Black Hawk County, Iowa as shown on a plat of survey file no. 2020-00007423. AND

Parcel A in Lot 2 of Robinson's Minor Plat of part of the Northwest Quarter (NW1/4) of Section 15, Township 89 North, Range 14 West of 5th P.M., City of Cedar Falls, Black Hawk County, Iowa as shown on a plat of survey file no. 2019-00015839

ISG

Total area to be platted - 120.88 Acres

## **DEVELOPERS:**

Echo Development Brent Dahlstrom 604 Clay Street Cedar Falls, IA 50613

## **OWNERS:**

Money Pit, LLC P.O. Box 128 Cedar Falls, IA 50613

Waterbury Property Investors, LLC 604 Clay Street Cedar Falls, IA 50613

SURVEYOR and ENGINEER:

314 East 4th Street

Waterloo, IA 50703

(319) 234-1515

## **EXISTING PROPERTY:** ZONED: R-1 (1 & 2 Unit Residential)

Building Setback: Front - 30 feet Side - 10% - 20% of lot width Rear - 30 feet

**BEARING NOTE:** Orientation of this bearing system is based on IaRCS (Zone 5 - Waterloo).

- currently present on site.
- 2. Public Street Right-of-Way width will be 60.00 feet.
- City's bike trail system is not located.

5. A 10' Wide Utility Easement will be provided adjacent to all Street Right-of-Way.

- during the development of construction plans.
- Sanitary sewer will be 8" diameter through the development and comply 8.
- 9. Water service and sanitary sewer service will be stubbed to the back of the utility easement line for each residential unit.
- water main. Location shall be coordinated with local utility prov
- provider.
- street system, connecting to storm sewer.
- 13. Existing site features can be found on sheets 3-7.
- sheets 3-9.
- 16. Proposed utilities are shown in color and can be found on sheets 3-9.
- otherwise noted.
- future development.
- 18, 2011.
- event no wetland credits are available.

1. West Fork Crossing will be graded to allow for residential construction with the proposed grading primarily following existing topographic features

3. A 6' Bike trail is proposed as shown in the development that connects the future 10' bike trails along Union Road and West 27th Street.

4. 4' wide sidewalks will be constructed along sides of public streets where the

6. West Fork Crossing First Addition will connect 12" DIP water main along Union Road, and Waterbury Road in Lexington Heights as well as connecting to the north to Robinson Dresser Park. A 12" DIP water main will also be present along the proposed Peters Parkway to connect to Terraces at West Glen in the future. An 8" diameter water main will be present in the other applicable streets, unless a larger water main is required, to be determined

7. Storm sewer is generally designed for 10 year storm flows.

with SUDAS and the City of Cedar Falls Standards and Specifications.

10. Gas main is generally located 8' behind curb, opposite side of street from

11. Underground electric and communication lines shall be generally located within 10' utility easements. Location shall be coordinated with local utility

12. Streets to be 31' back of curb to back of curb, Portland cement concrete, with a minimum 12" thick crushed stone base and sub drain tile on both sides of

14. Future street improvements can be found on sheets 3-9.

15. Proposed street improvements and proposed contours can be found on

17. Proposed easements and building setbacks can be found on sheets 3-9. 18. Proposed lot corners located at street intersections have a 15' radius unless

19. Proposed Street Right of Way and future traffic calming circles are shown for

20. Existing boundary lines are shown per FEMA map 19013C0163F dated July

21. Non-regulated wetlands are shown per ISG's wetland delineation from June 3, 2019. Wetland mitigation will be achieved via the purchase of wetland credits or by an alterative method approved by the City of Cedar Falls in the

22. Approximate low structure opening (LSO) elevations can be found on sheet 8.

## TRACTS:

A - Street Right of Way - Phase 1

B - Future Street Right of Way - N 1/4 of the E 1/2 SW 1/4

C - Future Street Right of Way - N 1/4 of the W 1/2 SE 1/4

## OUTLOTS:

Outlots A through E are to be designated as conservation areas within a conservation easement. These lots will be combined with their respective lot to the north which include Lot 10 of Lexington Heights 5th Addition and Lots 7-10 of Lexington Heights 4th Addition.

Outlots F, G, H, and J are dedicated storm water management areas, are non-buildable and are designed to meet SUDAS and the City of Cedar Falls Standards and Specifications. Outlots will be vegetated with native plantings.

Outlots K and L will be conveyed to the City of Cedar Falls and designed as public park areas.

Outlot M will be conveyed to the owner adjacent to the north.

Outlot N will be used for storm sewer, a trail and maintenance access.

Outlots P and Q will be used for storm sewer and drainage.

Outlot S will be used for a trail and maintenance access.

All other Outlots will not be developed at this time and is shown only to meet City of Cedar Falls platting requirements. Outlots are for future development.

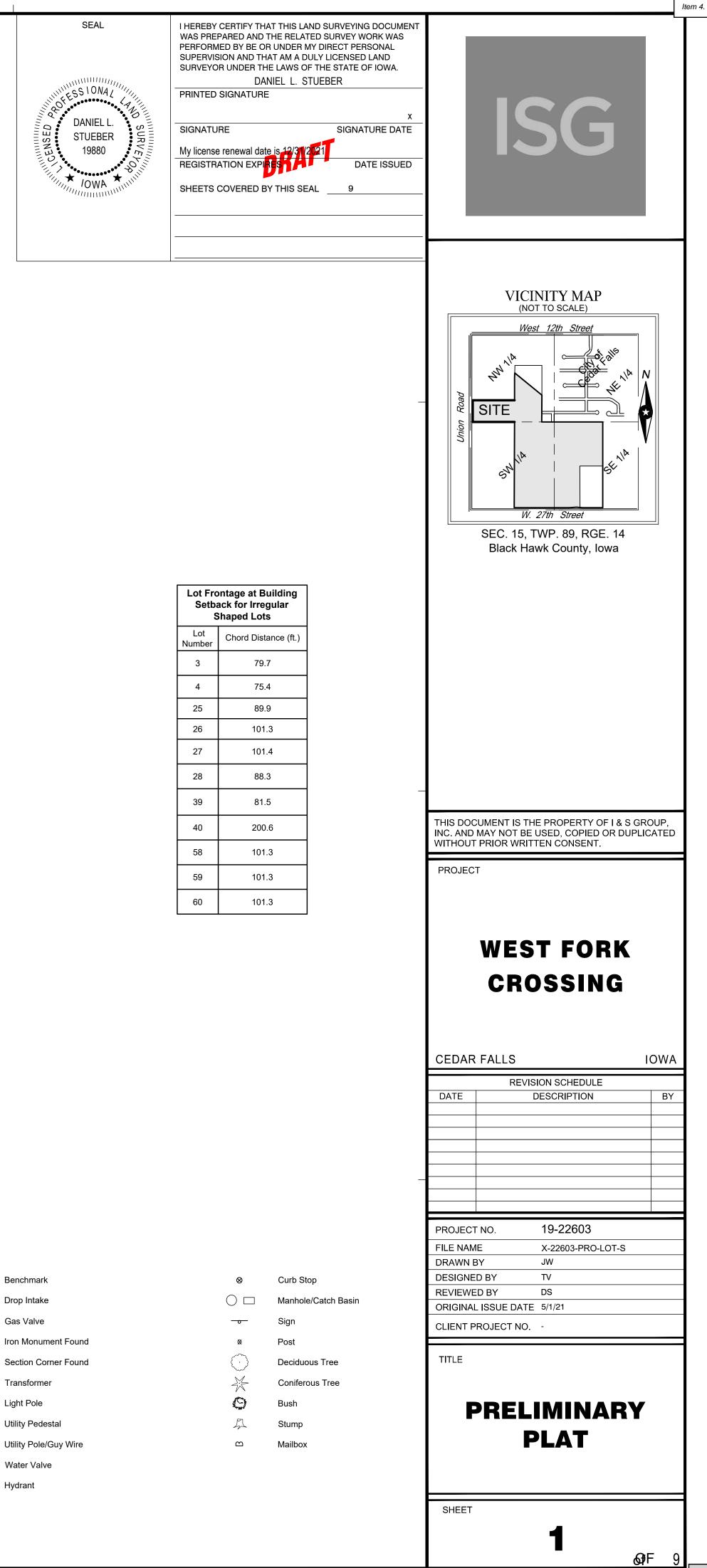
Outlots I, O, II and OO do not exist.

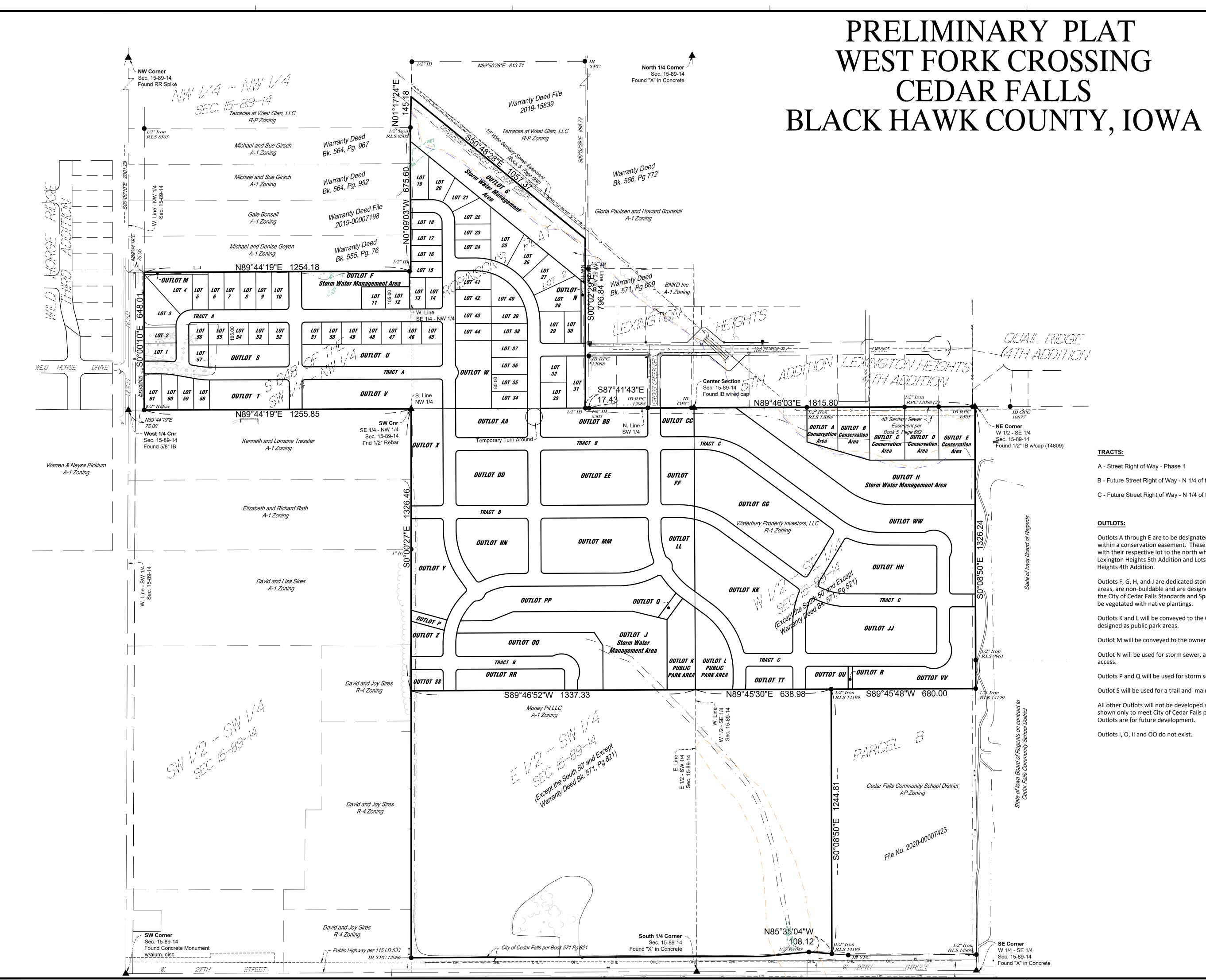
## LEGEND

<	Existing Sanitary Sewer Line	G	Underground Gas Line
<	Proposed Sanitary Sewer Line	———— UE ———	Underground Electric Line
<	Future Sanitary Sewer Line	——— UTL ———	Underground Utility Line
<	Existing Storm Sewer Line	——————————————————————————————————————	Underground Fiber Optic Line
<<	Proposed Storm Sewer Line	——————————————————————————————————————	Overhead Utility Line
<<	Future Storm Sewer Line		Landscaping Edge
I	Existing Water Line	w	Water's Edge
I	Proposed 8" Water Line	WET	Wetland Line
I	Proposed 12" Water Line		Treeline
I	Future Water Line	x	Fence
	Proposed Building Setback Line	· · ·	100 Year Floodplain Line

— 500 Year Floodplain Line

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## 

10677 W 1/2 - SE 1/4

Sec. 15-89-14 Found 1/2" IB w/cap (14809)

TRACTS: A - Street Right of Way - Phase 1

B - Future Street Right of Way - N 1/4 of the E 1/2 SW 1/4 C - Future Street Right of Way - N 1/4 of the W 1/2 SE 1/4

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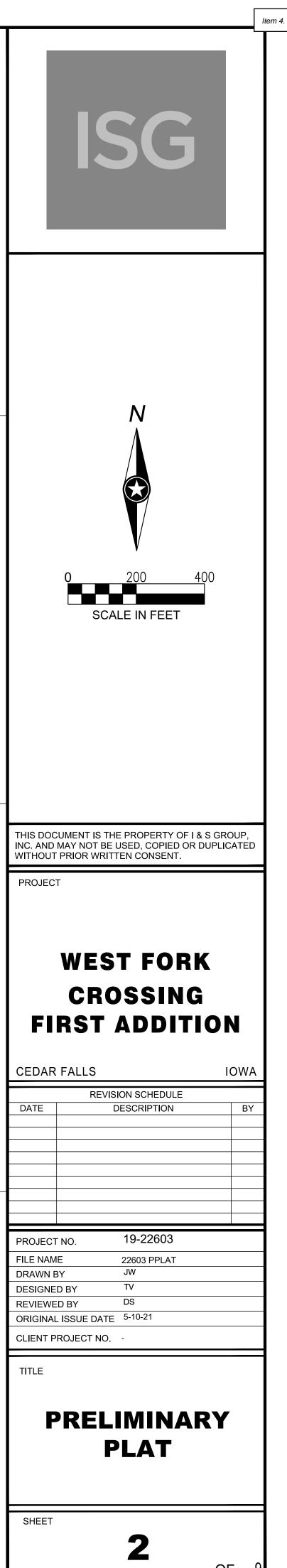
Outlot N will be used for storm sewer, a trail an maintenance access.

Outlots P and Q will be used for storm sewer and drainage.

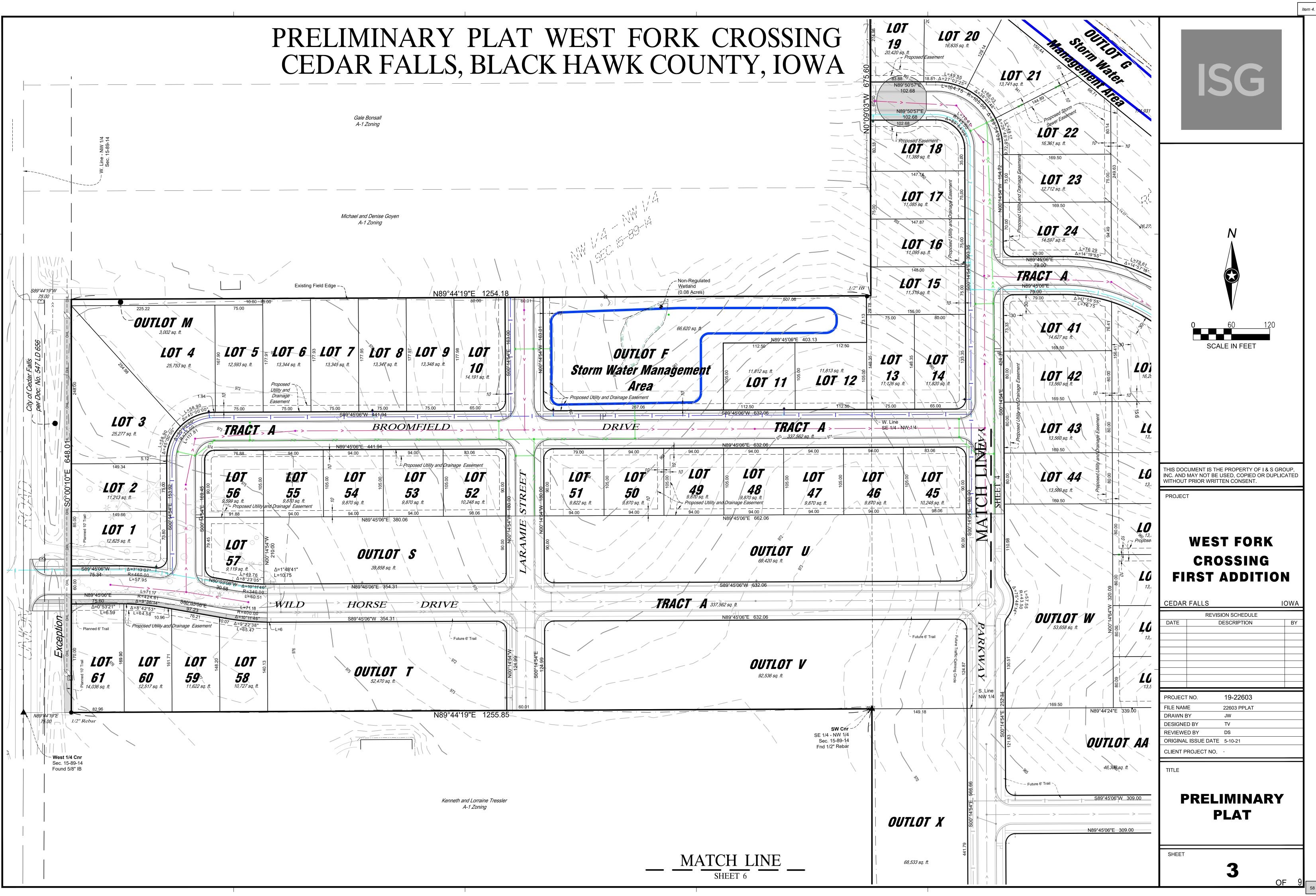
Outlot S will be used for a trail and maintenance access.

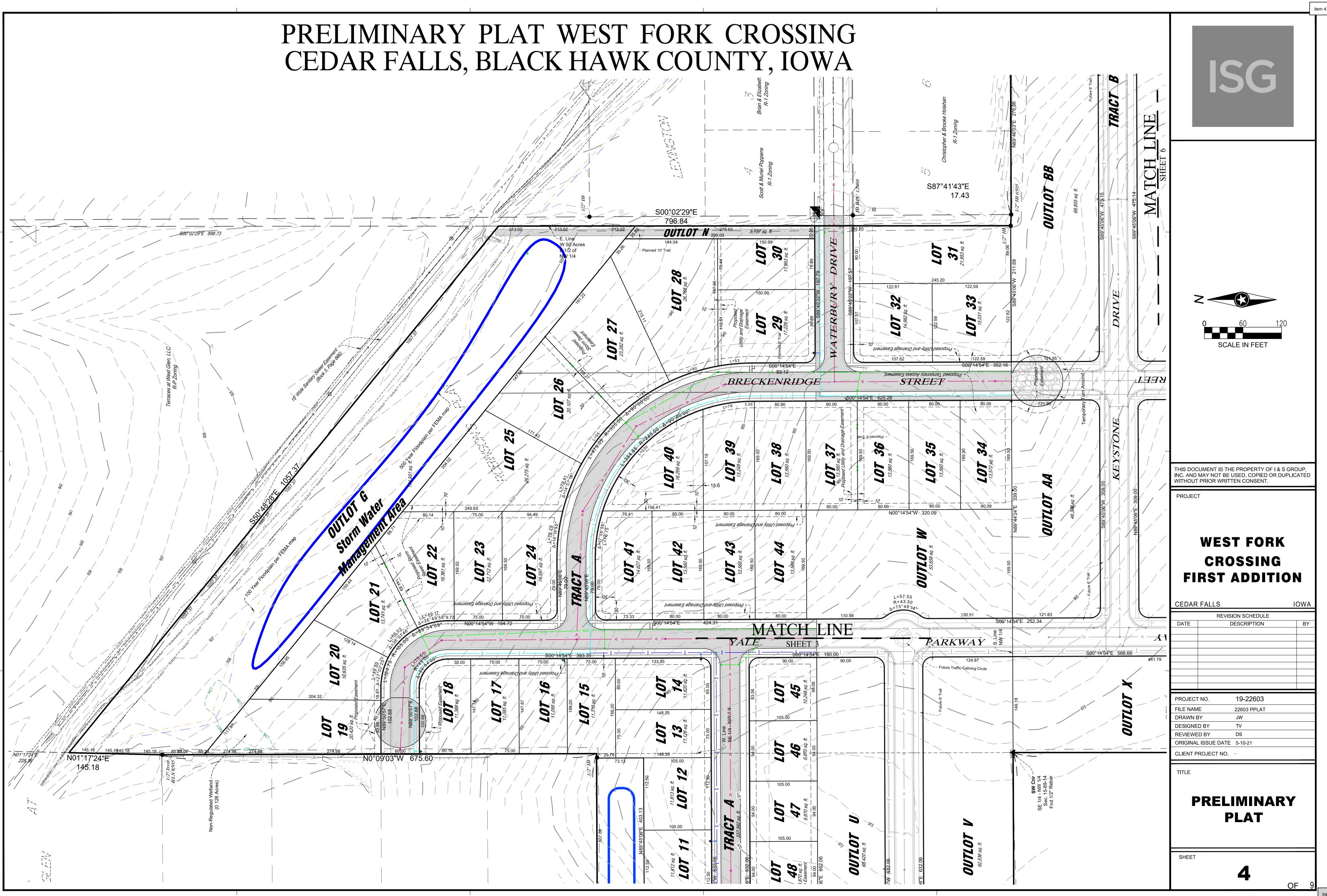
All other Outlots will not be developed at this time and is shown only to meet City of Cedar Falls platting requirements. Outlots are for future development.

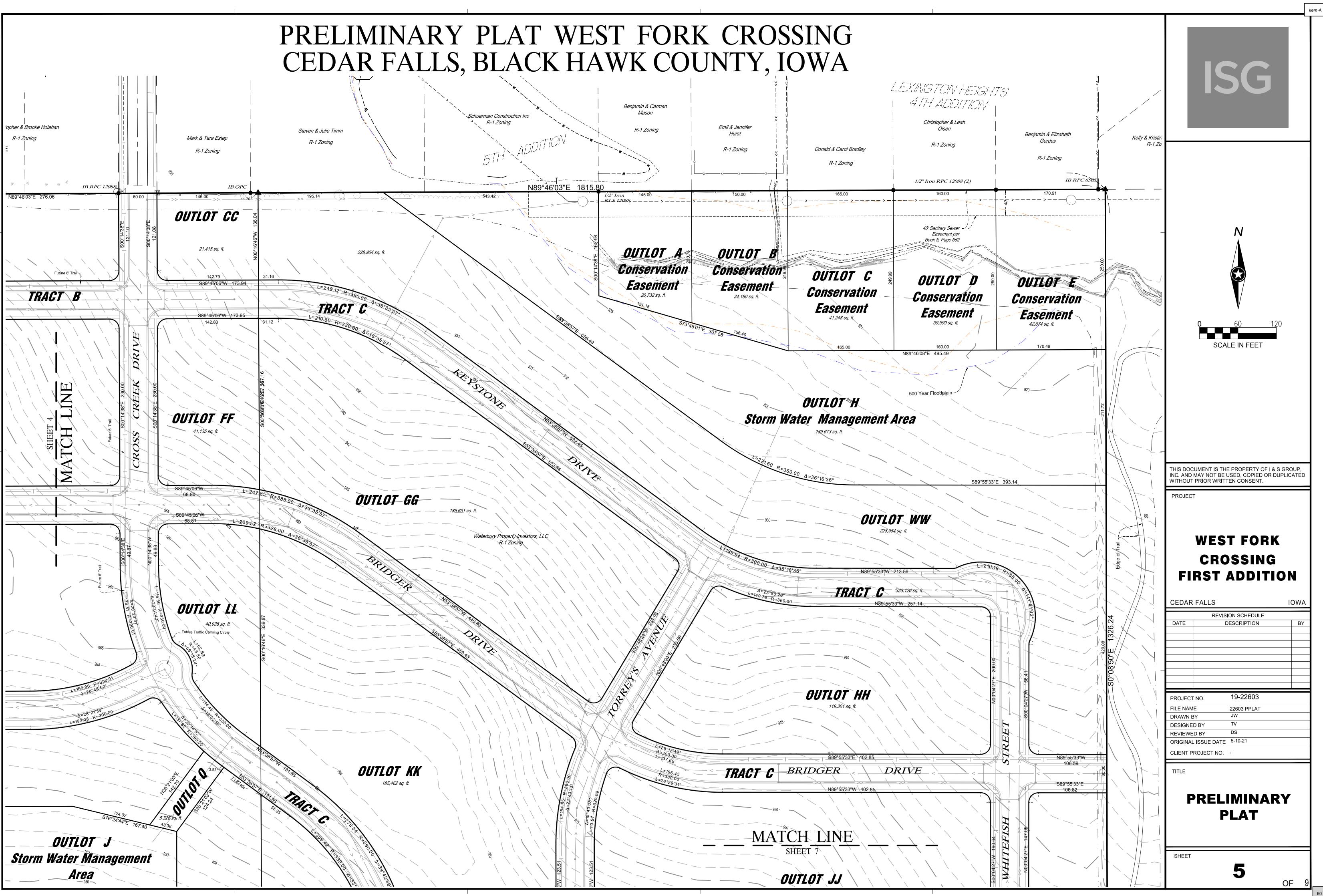
Outlots I, O, II and OO do not exist.

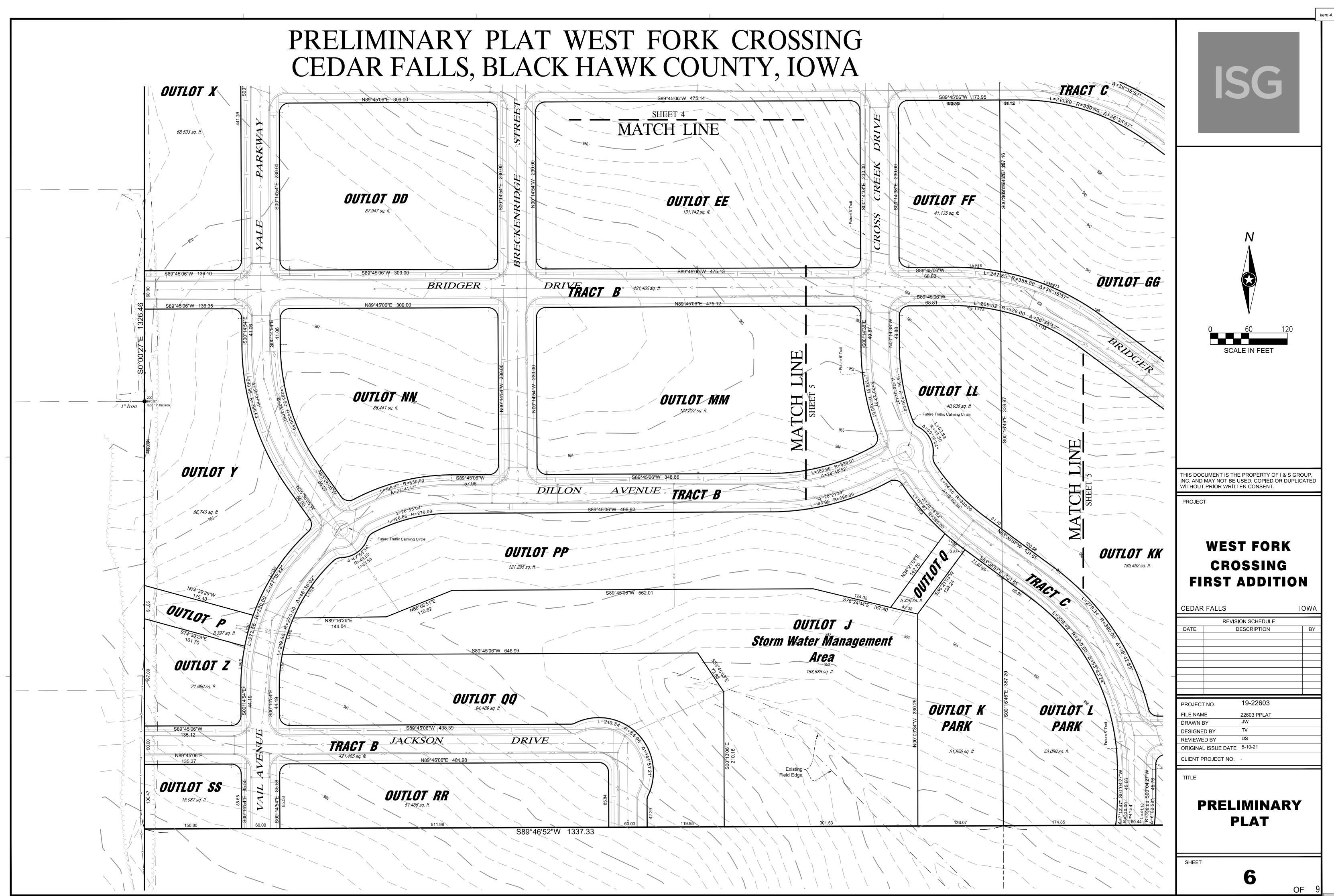


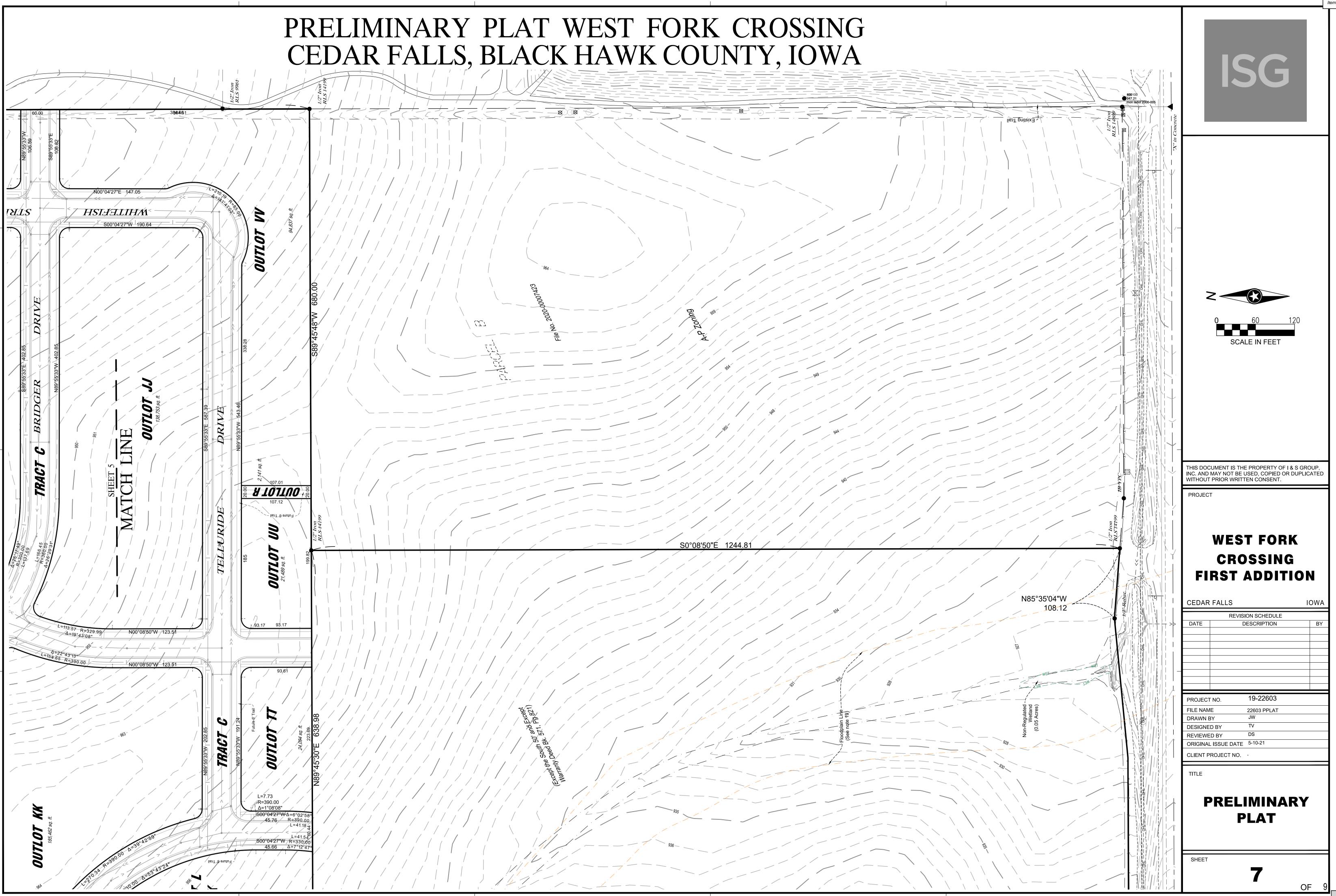
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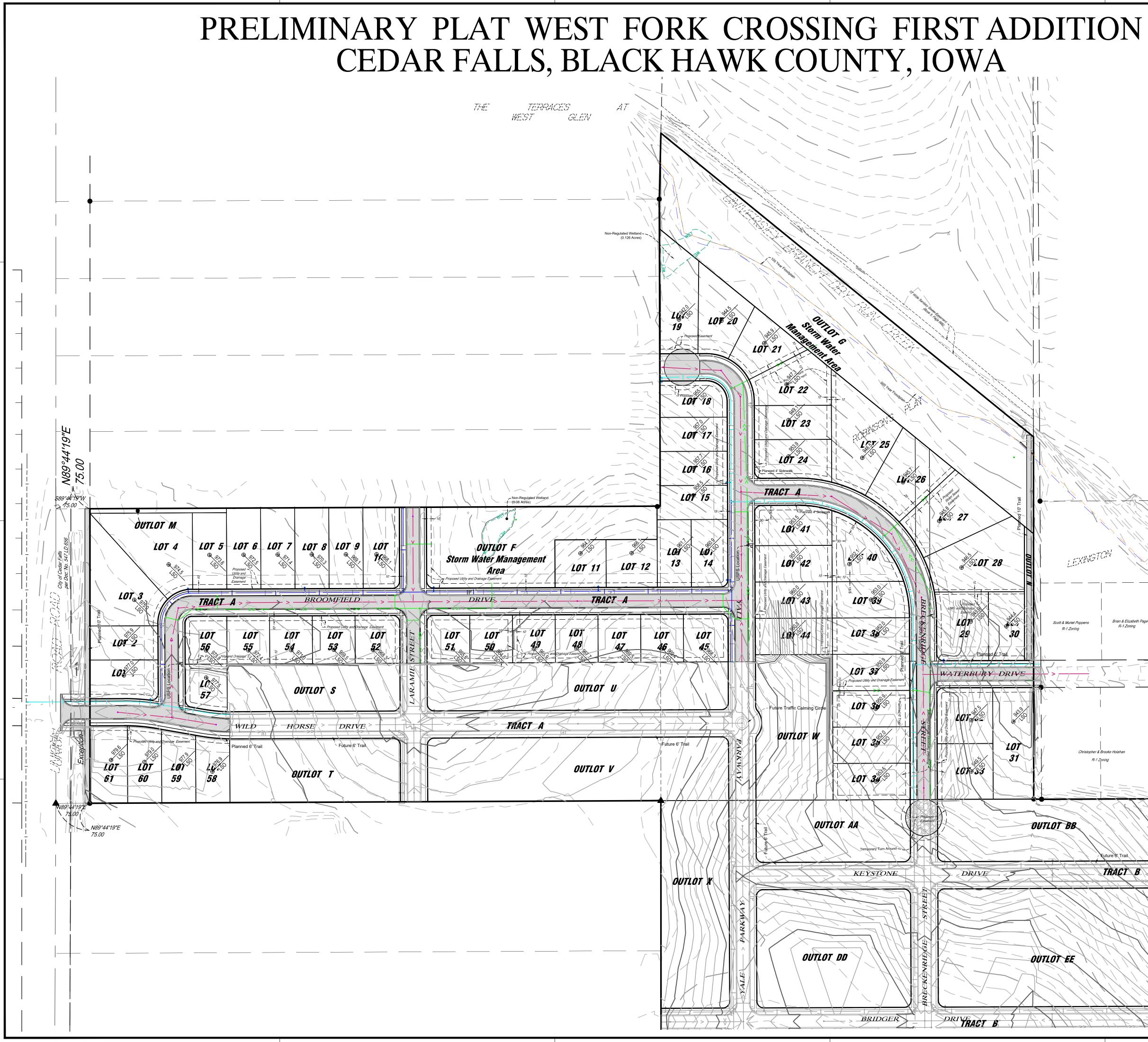


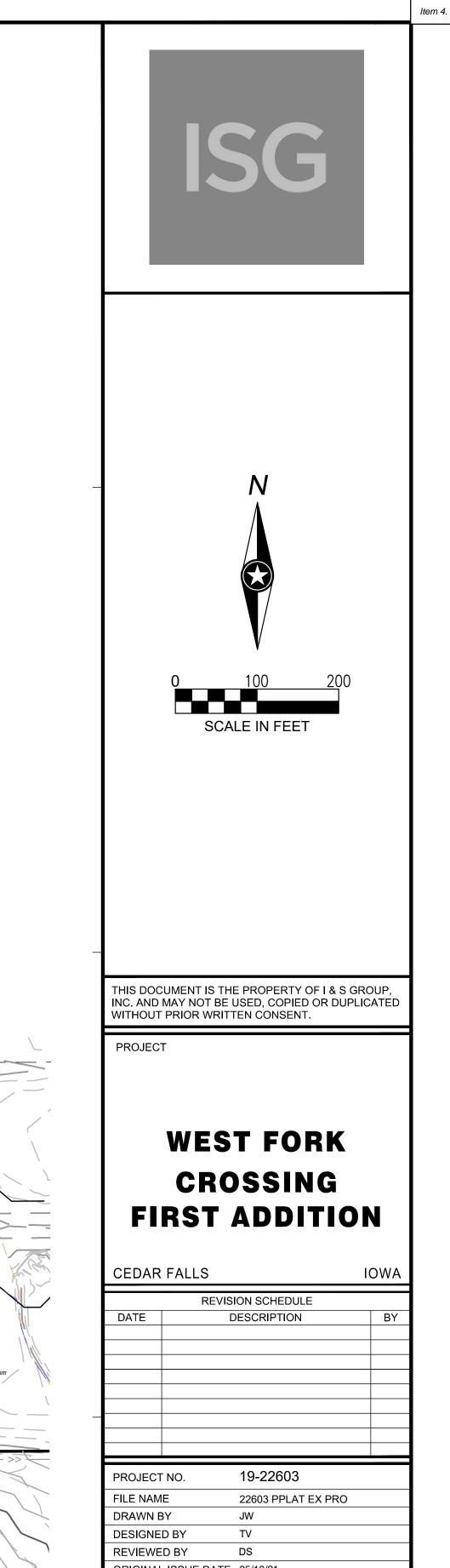


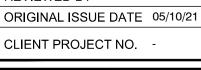












TITLE

Steven & Julie Timm

R-1 Zoning

TRACT C

OUT

Brian & Elizabeth Page R-1 Zoning

Future 6' Trail

TRACT B

R-1 Zoning

HEIGHTS

Mark & Tara Estep

R-1 Zoning

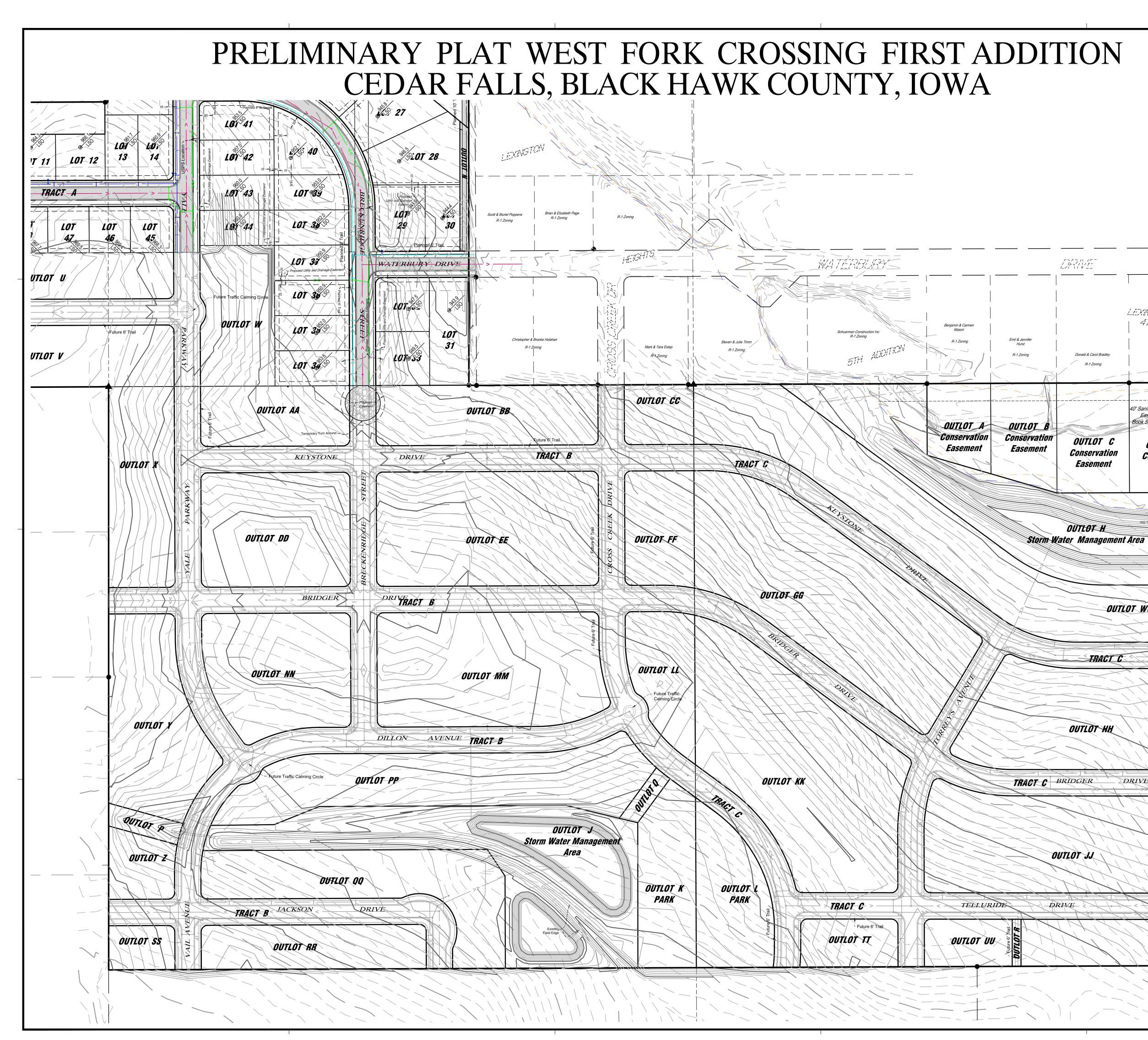
OUTLOT CC

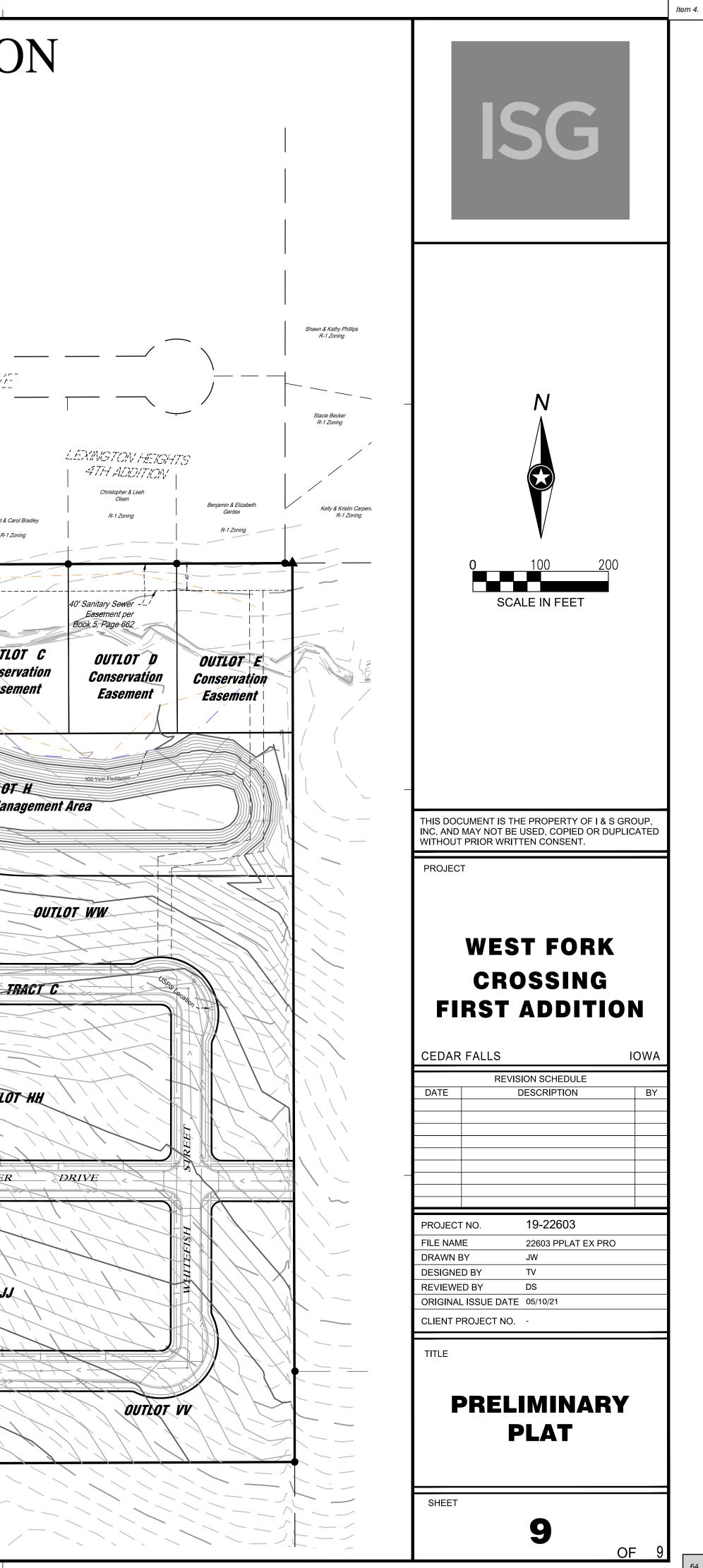
OUTLOT FF

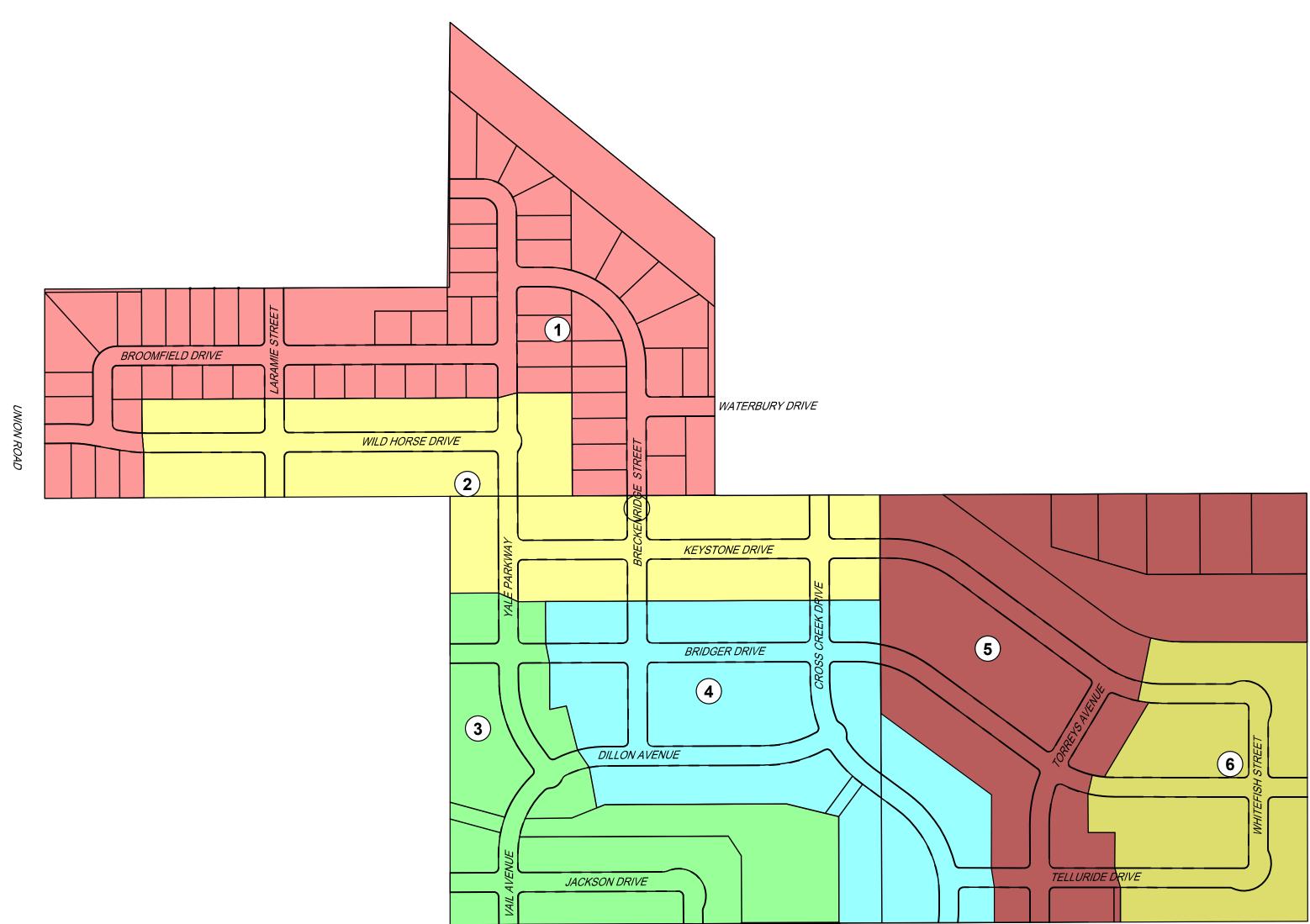
## PRELIMINARY PLAT

8

SHEET







W 27TH STREET

## PHASING PLAN

ISG

Architecture + Engineering + Environmental + Planning

CAD FILE NAME X-22603-PHASING-C

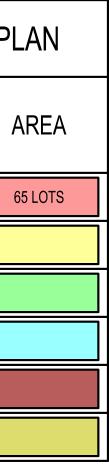
## PHASING PLAN PHASE 1 2 3 4 5 6

NOTES:

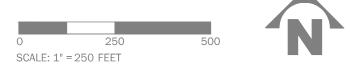
A SINGLE ACCESS POINT TO UNION ROAD, DEVELOPED IN PHASE 1, IS EXPECTED TO BE ABLE TO ACCOMMODATE TRAFFIC FOR PHASES 1, 2, AND 3 (APPROXIMATELY 170 TOTAL SINGLE FAMILY RESIDENCES) ASSUMING EXISTING INTERSECTION GEOMETRIES AND 1 APPROACH LANE ON THE DEVELOPMENT'S ACCESSES.

IF PHASES 1, 2, AND 3 ARE COMPLETE AND AN ACCESS POINT BETWEEN PHASE 3 AND W 27TH STREET HAS NOT BEEN COMPLETED, A TRAFFIC IMPACT STUDY IS RECOMMENDED TO REVIEW EXISTING TRAFFIC AND ROAD GEOMETRICS, REVIEW PROPOSED TRAFFIC GENERATED AS A RESULT OF PHASES 4, 5, AND 6, AND EVALUATE THE NEED FOR AUXILIARY LANES INCLUDING AN ADDITIONAL LANE TO THE MINOR ROAD APPROACH, LEFT-TURN LANE ON THE MAJOR ROAD APPROACH, AND RIGHT-TURN BAY ON THE MAJOR ROAD APPROACH.

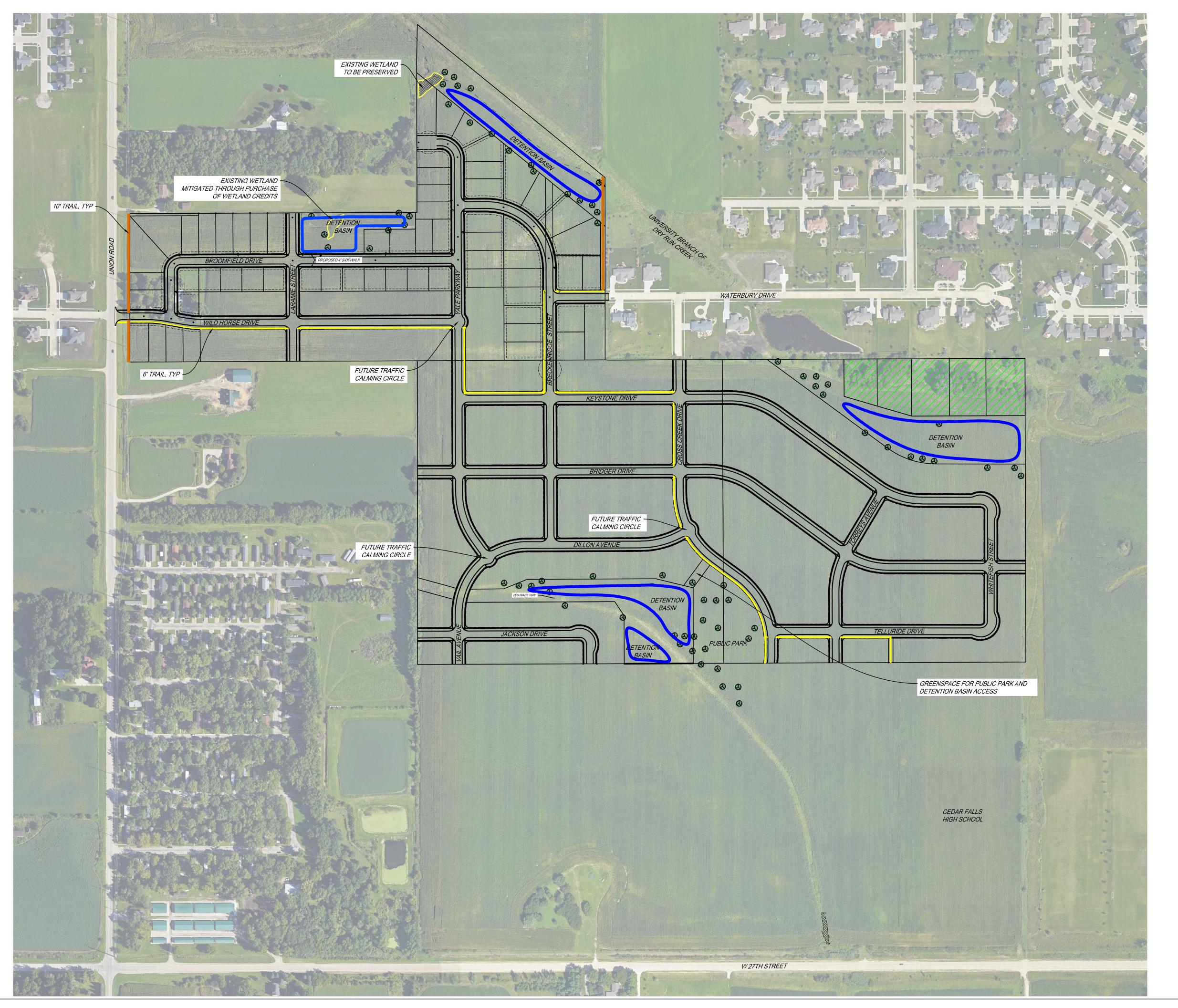
CONSTRUCTION OF THE EXTENSION OF VAIL AVENUE BETWEEN PHASE 3 AND W 27TH STREET WILL BE REQUIRED PRIOR TO APPROVAL OF PHASES 4, 5, AND 6. THE ALIGNMENT OF SAID STREET EXTENSION AND THE LOCATION OF ITS INTERSECTION WITH W 27TH STREET SHALL BE APPROVED BY THE CITY.



A TRAFFIC IMPACT STUDY CONDUCTED FOR WEST FORK CROSSING ASSUMED 1) A CONNECTION TO UNION ROAD IN PHASE 1, 2) A CONNECTION TO W 27TH STREET BETWEEN PHASE 3 AND W 27TH STREET, AND 3) A CONNECTION TO W 27TH STREET BETWEEN PHASE 5 AND W 27TH STREET.



65



## SUBDIVISION OVERVIEW

Architecture + Engineering + Environmental + Planning

ISG

CAD FILE NAME WEST FORK CROSSING PZ MEETING EXHIBIT - AERIAL



66

## **Michelle Pezley**

From: Sent: To: Subject: Michael Goyen <mikegoyen@cfu.net> Tuesday, October 12, 2021 8:29 PM Michelle Pezley West Fork Crossing questions

## **CAUTION:** This email originated outside the City of Cedar Falls email system. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Michelle,

Here are some questions I have on the meeting to discuss the West Fork Crossing. I also plan on attending the meeting on Wed. My home is on the north side of the proposed addition and I will have 10 lots with their backyards against my back yard as well as the storm water retention area. Mike Goyen 1712 Union Rd Cedar Falls

1. I would like to see some more detail on how the storm water retention area will be built and function. Earlier I thought it was going to be a pond area, but now I see outlot F has non regulated wetland which goes up to my backyard. Does this mean it will flow uncontrolled into my yard? A constant flow of water would be worse than it is today when it only passes water during rains. Is this expected to always have water and weeds which can breed Mosquitos? Can you explain the purchasing of wetland credits?

2. How can we acommodate a future sewer and water hook up to my house? It is my understanding that when and if I sell my house I will have to upgrade the sewage situation. In the past this meant improvements to the septic system. Now with the sewer line close to my property I am sure they will want it hooked up to city sewer lines. With houses in the way how can I do this? Would it be possible to have the developer install a sewer and water hook up location to my property line by the house? Another idea would be a easement which would allow a side yard to be dug up at a later date.

3. Laramie Street will dead end into my property. I see this as a plus that it can provide a secondary access to my back area when the yard is wet. Is this access possible with me installing a gate to keep out unwanted people?

4. Traffic concerns on Union Rd. With 64 houses in phase 1 plus a potential for another 50 or more houses in phase 2 this a lot if traffic to funnel through one exit onto Union Rd. Add to this the traffic from phase three, the new high school and New Aldaya which will come down Union.

Thanks for making this available to the developer. Mike Goyen

## **Michelle Pezley**

From:	Elizabeth Gerdes <begerdes@yahoo.com></begerdes@yahoo.com>
Sent:	Thursday, October 14, 2021 9:28 AM
To:	Michelle Pezley; Karen Howard
Subject:	Re: Screenshot 2021-10-10 at 4.24.17 PM
Attachments:	Screenshot 2021-10-10 at 4.24.17 PM.png

public comment

## Categories:

## CAUTION: This email originated outside the City of Cedar Falls email system. Do not click links or open attachments unless you recognize the sender and know the content is safe.

As a follow up to the meeting I reviewed last night on Youtube regarding the West Fork development:

A question was asked by Committee member Saul regarding road connections to existing roads - specifically related to the trailer park roads - requires more details on other roads as laid out (side note that there are 4 roads exiting the trailer park onto Union road handling a much smaller number of homes than this current development which essentially has one useable road and one long way around road)

Clarification is below and should be considered:

The road running north to south between lot 10 and outlot F and continuing between outlot F and outlot V is unlikely to ever connect to another road due to it cutting into the back of homeowner property on both the north and south connection points The same is true of the road between lots18 and 19 and all roads ending to the west between outlots X, Y, Z and SS If you drive past any of those properties, you can see that there is no chance of them becoming anything other than a dead end due to the location homes and use of land of adjoining properties

Another clarification related to connecting to existing roads was not noted in the opportunity to <u>require a connection at Pendleton</u> <u>drive</u> near lots 27 and 28. This would require future development of land held by BNKD, who developed Lexington Heights but would allow this road to continue versus a permanent dead end

While I heard mention of no cul-de-sacs, which I am assuming cause difficulties with city services, are multiple dead end streets any better?

A final question are there no roads that connect through West Glen that could provide access to 12th Street utilizing outlot G as a crossing point?

I fall back to the ongoing concern of roads and traffic near Erik road and what happened with Harriet Road becoming a main drag to the neighborhood plus the lack of roads completed around Aldrich to gain access. I do not want a repeat of this congestion and follow through on intended plans again in a new area. Respectfully,

Liz Gerdes

On Sunday, October 10, 2021, 04:59:16 PM CDT, Elizabeth Gerdes < begerdes@yahoo.com> wrote:

Regarding the preliminary plans for West Fork Crossing, I am concerned with traffic patterns entering and exiting the new development with only 2 road access points available (Union and 12th via Waterbury Dr)

It is .71 miles turning from 12th Street South onto Lexington Drive then to the current end of Waterbury Drive. This distance increases as you snake into the new development. An approximate calculation based on roads as planned mapped at 1.31 miles from one exit to the other. Additional roads planned for entry/exit would spread the flow of traffic and not route all cars into the heart of each neighborhood. I am concerned that both of those roads will become very heavily traveled as a connection from 12th Street to 27th Street. I have personally witnessed the traffic issues related to access to Aldrich Elementary via Eric Road, Arbors Way and Harriet

Lane and do not want to see a similar issue in this neighborhood. Especially as it becomes busier area once the high school is completed and drivers are looking for ways to cut through town.

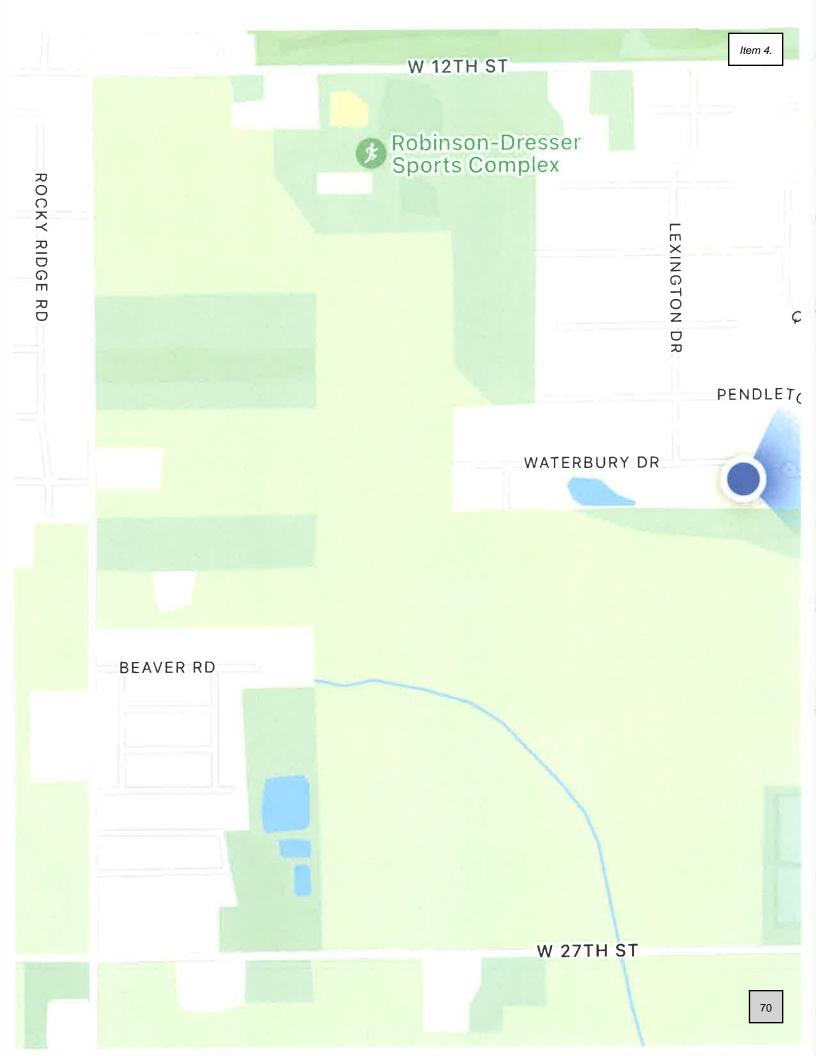
The other concern as shown would be leaving dead end roads on Pendleton and Wellington with no opportunity for connection in the future. These roads would help traffic flow. Most of note is current planned outlot H and lots 27,28 which would not allow for Pendleton to ever become more than a dead end.

Thank you for adding these thoughts as you consider this plan

Liz Gerdes

2908 Waterbury Drive

----- Forwarded Message -----From: Liz Gerdes <<u>begerdes@yahoo.com</u>> To: Elizabeth Herbst Gerdes <<u>begerdes@yahoo.com</u>> Sent: Sunday, October 10, 2021, 04:26:45 PM CDT Subject: West Fork



## **Michelle Pezley**

From: Sent: To: Subject: Brooke Holahan <br/>brooke.holahan@gmail.com><br/>Wednesday, October 20, 2021 9:33 AM<br/>Michelle Pezley<br/>West Fork Crossing Plat

## CAUTION: This email originated outside the City of Cedar Falls email system. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Ms. Pezley,

We wanted to comment about the West Fork Preliminary Plat. We live at 3408 Waterbury Dr. Our property is obviously very affected by the developments being plotted to the west and south of our home. We understand that growth is going to happen. We are most concerned about the traffic that is inevitable down our street. What we enjoy most about our home and what made us build on this property was the quiet and our views of nature. With this, we ask the planning and zoning committee to consider making any and all efforts to divert some traffic with whatever means possible as the builds continue. We hope that speed bumps could be added to divert traffic. In addition, we do not know specifics about builders' and the city's plans but we hope that the construction begins on the west side of the development. Basically, any week or month we are able to enjoy the quiet and postpone the construction from beginning right next door to us, we will consider a gift.

Thank you for taking our comments into consideration.

Sincerely, Brooke and Chris Holahan

## C E D A R F A L L S Towa

## DEPARTMENT OF COMMUNITY DEVELOPMENT

City of Cedar Falls 220 Clay Street Cedar Falls, Iowa 50613 Phone: 319-273-8600 Fax: 319-273-8610 www.cedarfalls.com

MEMORANDUM

Planning & Community Services Division

- TO: Planning and Zoning Commission
- FROM: Chris Sevy, City Planner I Ben Claypool, PhD, El, Civil Engineer II
- **DATE:** October 19, 2021
- **SUBJECT:** Site Plan Creekside Condos
- REQUEST: Approve site plan for six 12-plex buildings in the R-P Planned Residence District. (Case #SP21-010)
- PETITIONER: Dan Levi; Levi Architecture
- LOCATION: Northwest corner of Cedar Heights Drive and Valley High Drive

## **PROPOSAL**

The applicant is seeking to build a medium density residential condominium development along Cedar Heights Drive north of Valley High Drive. This includes six 12-plex buildings that are 42

feet in height (three stories), each having an attached garage that provides one garage stall for each unit. Additional uncovered parking is also provided in order to meet the parking requirement.

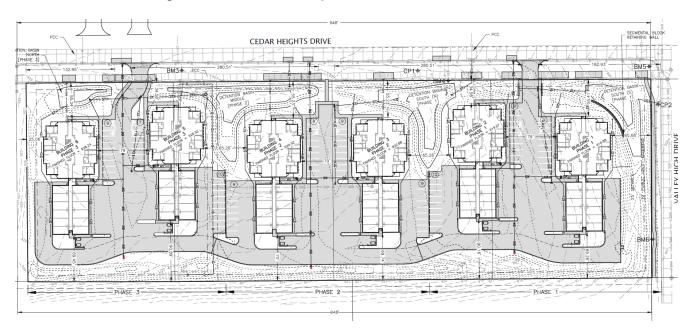
## BACKGROUND

The area proposed for development is in the process of being rezoned from C-1 to R-P (RZ21-005) with a final City Council vote to take place on November 1<sup>st</sup>, 2021. This area is also in the process of preliminary (PP21-005) and final (FP21-002) platting concurrently with this site plan request where lots are being combined, easements are being reconfigured, and a small piece of land is being dedicated to the City to provide more space for a public sidewalk. These original parcels and the



surrounding area on three sides were zoned C-1 Commercial in 2005. The northernmost parcel was platted in 1990 and the other three were platted in 2007.

Below is the development site plan provided by the applicant featuring six 12-plex buildings, attached garages, and additional parking (See also full site plan set attached). Also detailed is the stormwater management infrastructure planned for the site.



#### <u>ANALYSIS</u>

The purpose of the R-P Planned Residence District is to provide for the orderly planned growth of residential developments in larger tracts of land. For initial development plans, the R-P Planned Residence District requires review and approval by the Planning and Zoning Commission and City Council. That review typically involves a master plan where several parcels are involved. That master plan then becomes the document by which to judge future development. The Commission recently recommended approval of the rezoning and associated master plan. The applicant now requests full review of a detailed site plan as anticipated with the developmental procedures agreement included as part of the rezoning. The submitted site plan, landscaping plan, and stormwater management plan must be consistent with the master plan and developmental procedures agreement approved with the rezoning and must meet all other City Code requirements.

The following is an analysis of the proposed site plan for the Creekside Luxury Condos development.

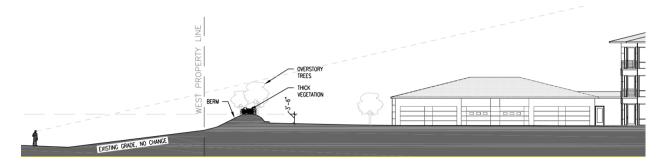
1. Below is a table of the spatial requirements that would apply to this project along with the proposed figures:

	<u>Required</u>	Proposed (consistent with approved <u>Master Plan)</u>		
Front Yard Setback:	Min. 20 feet	34 feet (closest building); 55 feet (furthest building)		

Rear Yard Setback:	Min. 35 feet	69 feet (closest building); 90 feet (furthes	
		building)	
Side Yard Setback:	Min. 10 feet (25	25 feet on north and 60 feet on south	
	feet total of both		
	sides)		
Lot area minimum:	14,800 square feet	46,391 square feet per 12-plex	
	per 12-plex		
Height: N/A		3 stories; 42 feet	

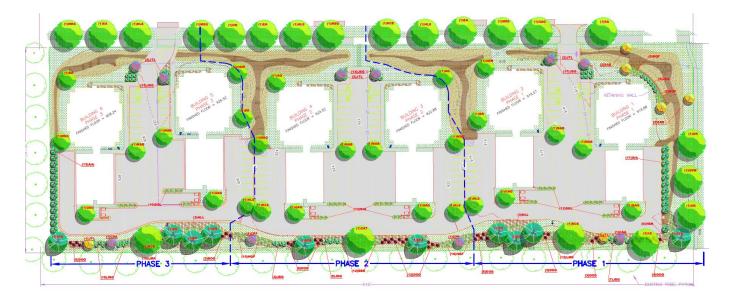
Concern about the height and number of units has been expressed by members of the neighboring HOA to the west. The applicant seems to adequately address these concerns by providing a substantial buffer that more than meets the landscape requirements, and having the buildings set back a minimum of 69 feet. The buildings at that setback are only 1 story and the 3-story 42-foot structures are 170 feet minimum from the west property line. Both of these measures are substantial by general privacy standards in the City. The submitted site plan is consistent with the master plan submitted with the rezoning.

- 2. Since Cedar Heights Drive is an arterial street and previous plats limit the number of driveways, only two access points will be allowed to ensure a smooth traffic flow. This requirement is detailed in both the proposed deed of dedication and a developmental procedures agreement that was executed as part of the rezoning to R-P. The applicant's proposal shows two access points, both on Cedar Heights Drive. A third access point may be allowed on Valley High Drive, however the applicant has opted not to provide that access point due to slope and elevation issues. The site plan is consistent with the master plan and developmental procedures agreement submitted with the rezoning.
- 3. The landscape plan is substantially similar to the landscape plan that was filed with the master plan, but has been improved to ensure proper screening of the parking and that the interior of the parking lot has shade trees as required by code. Parking lot screening at the height of 6 feet is required along property lines abutting neighbors and 3 feet for parking areas that are in view of street frontages. The proposed plan features a 3.5 to 6-foot berm along the west edge of the property with trees, shrubs, and other plants on top of it which are required to have a height of 3 feet at planting. Below is an exhibit that was created to demonstrate to the neighbors how these measures will soften the view from their rear yards and effectively screen the taller buildings from view. Staff finds that this is a good solution to help screen and separate the lower intensity residential development to the west and the taller buildings proposed with this development.



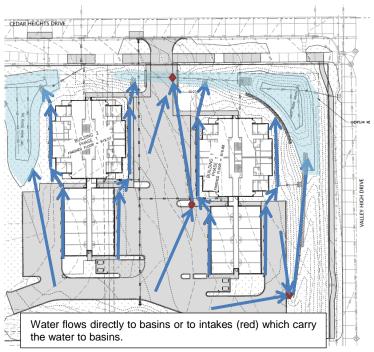
The proposed plan also provides a 6-foot high screen of the parking along the north and a 3-foot screen at appropriate places along Cedar Heights Drive and Valley High Drive. Staff finds that the proposed landscape plan provides sufficient screening.

4. Below is the provided landscape plan (see attached detailed landscaping plan). This plan shows the necessary screening of parking areas along property lines and street frontages as previously discussed. The parking code also requires trees in the interior of the parking area at the rate of 1 per 21 parking spaces which comes to 8 overstory trees required to give shade to parking spaces. The applicant provides two trees in each parking area between buildings which comes to a total of 10 internal trees. In addition to these, there are other trees dispersed in spaces that make sense to beautify and provide variety around paved areas. Trees are also required around the periphery of the parking area (including street trees) at the rate of 1 per 50 lineal feet of parking area. The landscape plan more than meets this requirement when considering all of the overstory, ornamental, and coniferous trees provided. The landscaping plan provides the necessary details on species, planting size, and height at maturity. Staff finds this detailed plan is consistent with what was discussed at rezoning with regard to buffering along the west property line and adds additional detail on parking lot landscaping and landscape buffer along the north and south lot lines as well.



5. Phasing is also noted on the above landscape plan which shows the southernmost buildings built first (on the right). Installation of the public sidewalk along the South border will be part of phase 1. Construction will progress northward (to the left), two buildings at a time as market conditions demand. This is consistent with the phasing outlined in the developmental procedures agreement entered into in conjunction with the rezoning. This phasing also ensures a seamless rollout of the stormwater management plan where the largest portion of the infrastructure is taken care of in the first phase.

6. A flooding issue off-site in the rear yards of the neighbors to the west was a topic of discussion during public hearings for the rezoning. It should be noted that with development the stormwater from the proposed development will be managed in contrast to the uncontrolled run-off from what is currently a vacant lot. Based on the submitted stormwater management plan, the stormwater that falls on all paved surfaces will be directed to the east (away from the area prone to flooding) to a series of landscaped basins along Cedar Heights Drive. Pictured to the



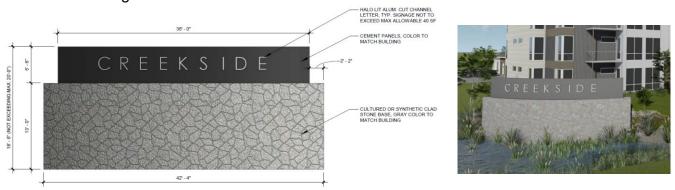
right is an illustration of how water will flow to intakes which are piped to the basins. See additional Technical Review comments below for more information.

7. The submitted elevation drawings and material details are consistent with what was submitted with the master plan. The bulk of the facades are made up of windows, cement paneling, and corrugated metal paneling along with some other accent materials. Renderings are also included in the attachments.





8. Signage in the R-P District is reviewed and approved administratively the same as any other residential district. A separate sign permit will be required at the time of development. While a formal sign application has not yet been filed, the applicant has provided renderings and dimensions of a monument sign in the southeast corner of the property to display the name of the development. The proposed sign is within the height limit (20 feet) and the applicant noted on the rendering that the sign area (lettering) is not to exceed the code limit of 40 square feet. Below are images from the provided renderings.



#### TECHNICAL COMMENTS:

Engineering staff notes that the stormwater management plan meets City Code requirements. As for the flooding concern to the west, the stormwater management report states: "An earth berm is to be constructed along the west edge of the property to reduce lost runoff to neighboring properties. Runoff to the west from a 100 year event should be reduced from 2.23 cubic feet per second to 0.48 cubic feet per second." The efforts made along the western boundary will prevent a significant amount of sheet flow from ever having the opportunity to flow on to those adjacent properties.

The public sidewalk bordering the property on the South along Valley High Drive will be installed as part of this project. Also, portions of the trail along Cedar Heights will be repaired as indicated on the site plan.

Cedar Falls Utilities (CFU) has reviewed the site plan for the Creekside Condos. Water, electric, gas, and communications utility services are available in accordance with the service policies of CFU.

The developer is responsible for the construction of a properly sized water system from the existing 8" water main along Cedar Heights Drive. Included in the installation are valves, fire hydrants and water service stubs for the new lots. Cedar Falls Public Safety will need to review the site plan and determine the quantity and location of the private fire hydrants on the site.

All existing water services not being reused will be required to be terminated at the water main in accordance with the Cedar Falls Utilities water service policy. New water services shall be connected to the existing water main with tapping-in valve/sleeve.

The landscaping plan shows trees and other landscaping features in the right of way and utility easements. Removal and replacement of the trees or any other landscaping located within these areas that may be disturbed by utility maintenance, repair, or replacement is the responsibility of the property owner.

A notice was mailed to property owners within 300 feet of the property under consideration on October 20, 2021 regarding this site plan.

#### STAFF RECOMMENDATION

The Community Development Department brings this forward at this time for discussion and to gather public comments in relation to this proposal.

#### PLANNING & ZONING COMMISSION

Introduction 10/27/2021

Attachment: Site Plan Documents Landscape Plan Renderings Public Comment Filed Photos of flooding to the West

## SHEET LIST TABLE

SHEET NUMBER	SHEET TITLE			
C0.1	TITLE			
C0.2	LEGEND			
C0.3	SITE DEVELOPMENT PLAN			
C0.4	TRAFFIC CONTROL PLAN AND GENERAL NOTES			
C1.1	REMOVALS PLAN – ALL PHASES			
C2.1	STORM AND GRADING PLAN - PHASE 1			
C2.2	WATER AND SANITARY PLAN – PHASE 1			
C2.3	STORM AND GRADING PLAN - PHASE 2			
C2.4	WATER AND SANITARY PLAN – PHASE 2			
C2.5	STORM AND GRADING PLAN - PHASE 3			
C2.6	WATER AND SANITARY PLAN – PHASE 3			
C3.1	PAVING PLAN – SOUTH OF BUILDING 1 – PHASE 1			
C3.2	PAVING PLAN – BUILDING 5 AND 6 – PHASE 1			
C3.3	PAVING PLAN – NORTH OF BUILDING 2 – PHASE 1			
C3.4	PAVING PLAN – SOUTH OF BUILDING 3 – PHASE 2			
C3.5	PAVING PLAN – BUILDING 3 AND 4 – PHASE 2			
C3.6	PAVING PLAN – NORTH OF BUILDING 4 – PHASE 2			
C3.7	PAVING PLAN – SOUTH OF BUILDING 5 – PHASES 2 & 3			
C3.8	PAVING PLAN – BUILDING 5 AND 6 – PHASES 2 & 3			
C3.9	PAVING PLAN – NORTH OF BUILDING 6 – PHASE 3			
C3.10	PAVING PLAN – RETAINING WALLS AT ENTRANCES – ALL PHASES			
C4.1	RETAINING WALL PLAN - PHASE 1			
C5.1	SWPPP – INITIAL DISTURBANCE – PHASE 1			
C5.2	SWPPP – SITE CONSTRUCTION – PHASE 1			
C5.3	SWPPP – FINAL STABILIZATION – PHASE 1			
C5.4	SWPPP – INITIAL DISTURBANCE – PHASE 2			
C5.5	SWPPP – SITE CONSTRUCTION – PHASE 2			
C5.6	SWPPP – FINAL STABILIZATION – PHASE 2			
C5.7	SWPPP – INITIAL DISTURBANCE – PHASE 3			
C5.8	SWPPP – SITE CONSTRUCTION – PHASE 3			
C5.9	SWPPP – FINAL STABILIZATION – PHASE 3			
C6.1	LANDSCAPING PLAN – ALL PHASES			

# DEVELOPMENT PARTNERS



OWNER	LG COMPANIES, LLC
ADDRESS	4104 WEDGEWOOD DRIVE
	CEDAR FALLS, IOWA 50613
P#	

OWNER REPRESENTATIVE	DAN LEVI, LEVI ARCHITECTURE
ADDRESS	1009 TECHNOLOGY PARKWAY
	CEDAR FALLS, IOWA 50613
P#	319.277.5636

DESIGN MANAGER	ALEX J. BOWER
	ABOWER@FEHR-GRAHAM.COM
DESIGN PROFESSIONAL	NATHAN P. KASS, P.E., P.L.S.
FIRM	FEHR GRAHAM
ADDRESS	200 5TH AVENUE SE, SUITE 100
	CEDAR RAPIDS, IA 52401
P#	319.294.6909

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# BONITA ONE ROSEMARY DR



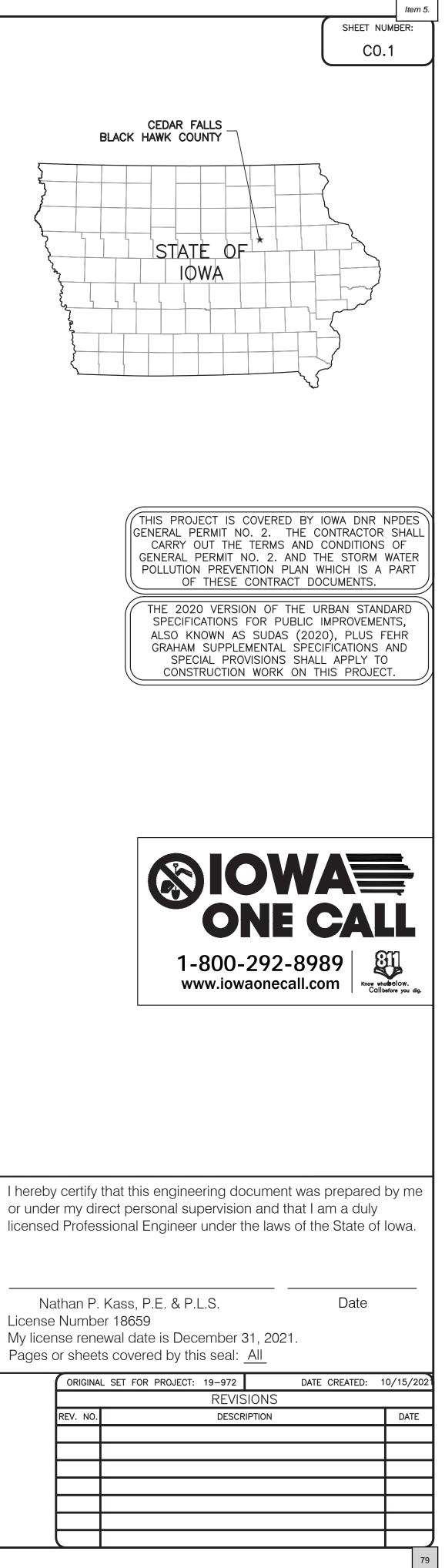


ILLINOIS

IOWA

WISCONSIN

CEDAR RAPIDS, IOWA 200 5TH AVENUE SE, SUITE 100 CEDAR RAPIDS, IA 52401 P# (319) 294-6909



# PERMIT



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly

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ASPH       ASPHALT         ASTM       ARCRCAN SOCIETY OF TESTING AND MATERIALS         BF       BALL VALVE         BF       BALL VALVE         BF       BALL VALVE         BH       BTUMINOUS         BUK       BLOCHING         BH       BENCHMARK         BOT       BOTTOM         BSIT       BASEMENT         CL or (2 CUPERLINE       CUR DIMERSION         CL or (2 CUPERLINE       TOBIC PETER         CH       CUPIC FUTERLINE         CONTINUOUS       CONTINUOUS         CUP       CORRUGATED METAL PIPE         CUN       CORRUGATED METAL PIPE         CUP       CUPERSOC FUTERLINE         CUP       CORRUGATED METAL PIPE         DI       DUCTLE IRON PIPE         DIM	ALT	ALTERNATE
B BALL VALVE BFP BACKFLOW PREVENTER BITUMINOUS BLOC BULDING BLOC BULDING COP BLOC BOR ALL OUTER C TO C CENTER INC C BLOC C CENTER TO CENTER C C C C COR AUGUETER C C C C COR AUGUETER C F C C CORE AUGUETER C F C CONTINUOUS C -B C CORECTE MASONRY UNIT C T C COUNTY C C C CORE AUGUETER C C C CORE AUGUETER C C C C PORATION STOP D D DEGREE OF C AUGUETER C C C C PORATION STOP D D DUCTUE IRON PIPE D D DUCTUE IRON PIPE C J EXPANSION JOINT E L ELEV EXANTON E C E E C C F PAVEMENT E C UIVALENT E W EACH WAY E = E CLEVERNAL DISTANCE F F FLOOR DATA E F FLOOR DATA E = E CLERNAL DISTANCE F F FLOOR DATA F F FLOOR CURAL F F FLOOR DATA F F FLOOR OF	ASPH	ASPHALT
BIT     BITUMINOUS       BLDG     BULCING       BLDG     BULCING       BATM     BATMERIY VALVE       B-B     BATMERIY VALVE       B-B     BATMERIY VALVE       CL or C     CENTERLINE       C TO C     CENTERLINE       C AG C     CUBB AND GUTTER       C C AG C     CUBB AND GUTTER       C CHT C     CONTROLOGICAL       C CHT C     CONTROLOGICAL       C CHT C     CONTROLOGICAL       C CONT     CONTROLOGICAL       C CONC CONTER     MASONRY UNIT       C CONC     CONTROLOGICAL       C CONC CONTROLOGICAL     PIP       C CONC CONTROLOGICAL     PIP       C CONC CONTROLOGICAL     PIP       C DUC CONTROLOGICAL     PIP       D DUCTILE IRCON PIPE     PIP       D DUCTIL		
BLCG         BULCING           BUK         BLOCKING           BM         BENOTHARK           BM         BENOTHARK           BM         BASEMENT           BUTERT-VALVE           B-B         CANTER TO VALVE           C TO C         CONTER TO CENTER           C TO C         CONTER TO CENTER           C AG         CUBIC FEET           CHD         CHORAD LENGTH           CLR         CLEAR           CMP         CORRUGATED MASONRY UNIT           CONT         CONTINUOUS           C-B         CENTERS           CONT         CONTINUOUS           C-B         CENTERS           CY         CUBRORATION STOP           DAT         DEGREE OF CURVE           DAT         DEGREE OF CURVE           DAT         DEGREE OF CURVE           DIM         DUCTILE IRON PIPE           DIM         DUMENSION           DI         DUCTILE IRON PIPE           DIM         DOWNT           DIM         DOWNT           DIM         DOWNTREAM           DIM         DOWNTREAM           DIM         DOWNTREAM           DEGE OF PAVEMENT <th></th> <th></th>		
BM     BENCHMARK       BOT     BASEMENT       BY     BUTTERFLY VALVE       B-B     BACK-TO-BACK OF CURB DIMENSION       CL or G     CENTERLINE       C TO C     CUBIC FET       CHD     CHBC FET       CHE     CHEAL       CHE     CHEAL       CHT     CORTO       CONT     CONTONICUAS       CAT     CONTRINUOS       CONT     CONTRINUOS       CONT     CONTONICUAS       CONT     CONTRINUOS       CCT     CUBRERSED       DET     DETRESED       DET     DETRESED       DET     DETRESED       DM     DUMENSION       DM     DUMENSION       DM     DUMENSION       DM     DUMENSION       DN     DOWN       DNST     DOWNSTREAM	BLDG	BUILDING
BSMT     BASEMENT       BV     BUTTERFLY VALVE       B-B     BACK-TO-BACK OF CURB DIMENSION       CL or €     CENTERLINE       C A G     CURB AND GUTTER       C A G     CURB AND GUTTER       C HD     CHENTPLIENTH       CHD     CHENTPLIENTH       CHD     CHENTPLIENTH       CHD     CORTON CONTR       CONC     CONCRETE       CONC     CONCRETE       CONC     CONCRETE       CONC     CONTONTY       CONC     CONCRETE       CONC     CONCRETE       CONC     CONCRETE       CONC     CONCRETONS       CC-B     CENTERLINE <to back="" curb="" dimension<="" of="" td="">       CORE     CORRONATIONS       CONC     CONCRETE       CONC     CONCRETONS       CS     COREPARTONS       CS     COREPARTONS       CS     COREPORTONS       CS     COREPARTONS       DP     DETALER       DAG     DIAGONAL       DIM     DURILLE IRON PIPE       DNSTR     DOWNSTREAM       DP     DERAINAGE PIPE/STORM PIPE       DNSTR     DOWNSTREAM       DP     DERAINAGE PIPE/STORM PIPE       DIMAG     DURAINAGE       E =     <td< th=""><th>BM</th><th>BENCHMARK</th></td<></to>	BM	BENCHMARK
B-B     BACK-TO-BACK OF CURB DIMENSION       CL or Q:     CENTERLINE       C TO C     CENTERLINE       C M:     CURB AND QUTTER       C M:     CURB AND QUTTER       C MD     CLENTRINE       CHD     CHORD LENGTH       C CLAR     MAVEL       CHP     CLEAR       CMW     CONRECTE       CONC     CONCRETE       DEF     DEPERESED       DI     DUCHLEIRON PIPE	BSMT	BASEMENT
C TO C CENTER TO CENTER C & G CURB AND CUTTER CF CUUBL CHEAT CHD CHCRD LENGTH CI CAST IRON PIPE CHC CAST IRON PIPE CLC CAST IRON PIPE CLC CORPECT EMACONTY UNIT CTY COURCETE CONC CONCRETE CONC CONCRETE CONT CONTINUOUS C-B CENTERLINE TO BACK OF CURB DIMENSION COORD COORDINATE CONC COORDINATE CONC COORDINATE CONC COORDINATE CONC COORDINATE COUBLY ARDS CS CORPORATION STOP D DEGREE OF CURVE DEP DEPRESSED DET DETAIL DIAG DIAGONAL DIM DIMENSION DI DUCTILE IRON PIPE DMG DRAWINGE PIPE/STORM PIPE GUIP EQUIPMENT EQUIP EQUIPM	B-B	BACK-TO-BACK OF CURB DIMENSION
CF       CUBIC FEET         CHD       CHORD LENGTH         CI       CAST IRON PIPE         CKK       CHECK VALVE         CLEAR       CUPC CORRUGATED METAL PIPE         CMP       CORRUGATED METAL PIPE         CMU       CONCRETE MASONRY UNIT         CONC       CONCRETE MASONRY UNIT         CONC       CONCRETE MASONRY UNIT         CONC       CONCRETE MASONRY UNIT         CONC       CONCRETENS         COU       COOPEER PIPING         CTRS       CENTERS         CV       CUBIC YARDS         CS       CORPERCE OF CURVE         DET       DET         DET       DETAIL         DIM       DUCTILE IRON PIPE         DM       DOWN         DNTD       DOWNING         EJ       EXPANSION JOINT         EL       ELEV ELEVATION         EV       EACH MAY         EV       EACH MAY         EV       EVAMING         EV       EXPANSION JOINT         EL       EVAMASION JOINT         EV       EACH MAY         EVEN       EACH MAY         EVEN       EACH MAY         EVEN       <	СТОС	CENTER TO CENTER
CI       CAST IRON PIPE         CHK       CHECK VALVE         CLR       CLEAR         CMP       CORRUGATED METAL PIPE         CMU       CORRUGATED METAL PIPE         CMU       CORRUGATED METAL PIPE         CMU       CORRUGATED METAL PIPE         CONT       CONTRUCTORT         CAST       CONTRUCTORT         CHA       CONTRUCTORT         DET       DET         DET       DETAIL         DIM       DUSTILE         DOWN       DATAGE PIPE/STORM         DN       DOWN         DATAGE PIPE/STORM       PIPE         DWG       DRAINAGE PIPE/STORM         EVENERATION       CONTRUCTORT         EVENERATION       CONTRUCTORT         EVENERATION       CONTRUCT <t< th=""><th>CF</th><th>CUBIC FEET</th></t<>	CF	CUBIC FEET
CLR       CLEAR         CMP       CORRUGATED METAL PIPE         CMU       CORRUGATED METAL PIPE         CMU       CORRUGATED METAL PIPE         CMO       CONTRUCTORETE         CONT       CONTRUCTORETE         COORD       CONTRUCTORETE         COORD       CONTRUCTORETE         COORDINATE       CU         COPPORATION       STOP         D       DEGREE OF CURVE         DET       DEFALSSE         OCS       CORPORATION STOP         D       DEGREE OF CURVE         DET       DETALSSE         DET       DETALSSE         DIM       DMENSION         DIM       DUSTILE IRON PIPE         DM       DOWN         DNSTR       DOWNSTREAM         DP       DEALASSE         DE ALSSE       EVENANSION JOINT         EL, ELEY       ELVENTON         EX       EVENANSION	CI	CAST IRON PIPE
CMU       CONCRETE         CONT       COUNTY         CONC       CONTRUINE TO BACK OF CURB DIMENSION         COORD       CORDINATE         CU       COPPER PIPING         CITRS       CS         CY       CUBIC YARDS         CS       CORPORATION STOP         D       DECREE OF CURVE         DET       DETALL         DIAG       DAGONAL         DIM       DIMENSION         DIM       DUCTLE IRON PIPE         DNSTR       DOWNSTREAM         DP       DERAWING         E       EXPANSION JOINT         EJ       ELEV         EJ       ELEV         EJ       ELEVE         EGUIP       EQUIPALENT         EGUIP       EXTERNAL DISTANCE         FF       FINSH FLOOR         FIN	CLR	CLEAR
CONC       CONCRETE         CONT       CONTINUOUS         C-B       CENTERLINE TO BACK OF CURB DIMENSION         COORDINATE       COORDINATE         CU       COPPER PIPING         CTRS       CS         CS       CORPORATION STOP         D       DEGREE OF CURVE         DET       DETALL         DIAG       DACONAL         DIM       DIMENSION         DIM       DUCTLE IRON PIPE         DMS       DOWNSTREAM         DP       DERAWING         EJ       ELY         EJ       ELYANSION JOINT         EGUIP       EQUIVALENT         EGUIP       EQUIVALENT         EGUIP       EQUIVALENT         EGUIP       EQUIVALENT         EW       EACT MAY         EY       EXIST         EY       EXIST         EY       EXIST         EQUIP       EXIST         EQUIVALENT       EXIST         EQUIP       EXIST         EQU	CMU	CONCRETE MASONRY UNIT
C-B       CENTERLINE TO BACK OF CURB DIMENSION         COORD       COORDINATE         CU       COOPER PIPING         CTRS       CS         CS       CORPORATION STOP         D       DEGREE OF CURVE         DEF       DETAL         DMAD       DIAGONAL         DMM       DIMENSION         DI       DUCTILE IRON PIPE         DN       DOWN         DNSTR       DOWNSTREAM         DP       DRAWING         EJ       EXPANSION JOINT         EJ       EAST         EJ       EVANSION JOINT         EJ       EVANSION JOINT         EV       EACH WAY         EV       EQUIVALENT         EW       EQUIVALENT         EW       EACH WAY         EXP       EXPANSION         EXT       EXTERNAL DISTANCE         FD       FLOOR DERAIN         FLD       FUNSH FLOOR         FLL       FUNSH FLOOR         FL       FLOOR PANIN         FM       FORCE MAIN         FM       FORCE MAIN         FM       FORD         FOUND       FRME         FF	CONC	CONCRETE
CU <sup>C</sup> COPER PIPING CTRS CENTERS CY CUBIC YARDS CS CORPORATION STOP D DEGREE OF CURVE DEF DET DETAIL DIMED DEPRESSED DET DETAIL DIMED DIAGONAL DIM DIMENSION DI DUCTILE IRON PIPE DN DOWNSTREAM DP DRAINAGE PIPE/STORM PIPE DWG DRAWING E EAST CYPANSION JOINT EL, ELEY ELEVATION EP EDGE OF PAVEMENT EQUIP EQUIPMENT EQUIP EQUIPMENT EQUIP EQUIPALENT EW EACH WAY EXT EXISTING EXT EXISTING EXT EXISTING EXT EXISTING EXT EXISTING EXT EXISTING E EXTENSION FFF FIELD ENTRANCE FF FILOR FILLET FIN FINISH FL FLOOR DEAIN FRM FINISH FL FLOOR FRAMING FTG FOOTING FTF FIELD ENTRANCE FF FIELD ENTRANCE FF FIELD ENTRANCE FF FORE MAIN FND FOUNDATION FND FOUND FRM GRAUED FRM GRAUED FTM FORE MAIN FND FOUND FTM GRAUINE FLR FLOOR FTM FINISH FL FLOW LINE FLR FLOOR FTM GRAUED FTM FTM FTM FTM FTM FTM FTM FTM FTM FTM	C-B	CENTERLINE TO BACK OF CURB DIMENSION
CY       CUBIC YARDS         CS       CORPORATION STOP         D       DEGREE OF CURVE         DEF       DEFALL         DIAG       DIAGONAL         DIM       DIVENESION         DNSTR       DOWN NON         DNSTR       DOWNSTREAM         DP       DRAINAGE PIPE/STORM PIPE         DWG       DRAWING         E       EAST         EJ       EXPANSION JOINT         EL       EVENTION         EQUIP EDGE OF PAVEMENT         EQUIP EQUIPMENT         EQUIP EQUIPMENT         EQUIP EXISTING         EX       EXISTING         FDN       FOUNDATION         FE       FILED ENTRANCE         FIN       FINSH FLOOR         FIN       FINSH FLOOR         FIN       FORCE MAIN         FRM       FORCE MAIN         FRM       FORCE MAIN<	CU	COPPER PIPING
D       DEGREE OF CURVE         DEP       DEPRESSED         DIAG       DIAGONAL         DIM       DIMENSION         DI       DUCTILE IRON PIPE         DN       DOWN         DNSTR       DOWNSTREAM         DP       DRAINAGE PIPE/STORM PIPE         DWG       DRAWINGE         EJ       EXPANSION JOINT         EL       EXPANSION JOINT         EL       EXPANSION JOINT         EQUIP       EDUPMENT         EQUIP       EQUIPMENT         EQUIP       EQUIPMENT         EXPANSION       EX         EXTERNAL DISTANCE       F         FDN       FOUNDATIONCE         FE       FIELD ENTRANCE         FF       FINSH FLOOR         FIN       FILLET         FIN       FILL         FLR       FLOOR         FLR       FLOOR         FLR       FLOOR         FRM       FORCE MAIN         FRM       FO	CY	
DET DETAIL DIAG DIAGONAL DIAG DIAGONAL DIAG DUACTULE IRON PIPE DN DOWN EXT EXTERNAL EXTENSION EXT EXTERNAL DISTANCE FD FLOOR DRAIN FE FIELD ENTRANCE FF FILD ENTRANCE FF FIELD ENTRANCE FT FOOND FE FIELD ENTRANCE FT FOOND FT FOOND FT FOUND FT FOOND FT FOOND		DEGREE OF CURVE
DIM DIMENSION DI DUCTILE IRON PIPE DN DOWN DOSTR DOWNSTREAM DP DRAINAGE PIPE/STORM PIPE DWG DRAWING E AST EJ EXANSION JOINT EL, ELEY ELEVATION EP EDGE OF PAVEMENT EQUIP EQUIPMENT EQUIP EQUIPMENT EQUIV EQUIVALENT EW EACH WAY EXP EXPANSION EXT EXISTING EXT EXISTING EXT EXISTING EXT EXTERIOR E = EXTERNAL DISTANCE FD FLOOR DRAIN FE FIELD ENTRANCE FF FINSH FLOOR FIL FILLET FIN FINISH FLOOR DRAIN FR FOORD FIL FOOR FIL FLOOR FIL FLOOR FIL FLOOR FIL FLOOR FIL FLOOR FIL FLOOR ET FOOTING FTG FOOTING FTG FOOTING FTG FOOTING FTG GRAUING GRD GRADE GRS GRATING SUPPORT GRT GROUT GV GAS VALVE GYP GYPSUM HSE HOUSE HC HORIZONTAL CURVE HMA HOT MIX ASPHALT HNGR HANGER HORIZ HORIZONTAL HP, HIGH POINT HW HOT WATER HEATER AS CONT GN GASUALVEN GY GYPSUM HSE HOUSE HC HORIZONTAL HORIZ HORIZONTAL HWH HOT WATER HEATER A = CENTRAL ANGLE I MOMENT OF LIVENTIAL HWH HOT WATER HEATER A = CENTRAL ANGLE I MOMENT OF LIVENTIA HWH HOT WATER HEATER HWH HOT WATER HEATER HWH HOT WATER HEATER HWH HOT WATER HEATER HWH HOT WATER HEATER IN INTERIOR INT		
DI       DUCTILE IRON PIPE         DN       DOWN         DNSTR       DOWNSTREAM         DP       DRAINAGE PIPE/STORM PIPE         DWG       DRAINAGE PIPE/STORM PIPE         EJ       EXPANSION         EX       EXISTING         EXT       EXISTING         EXT       EXISTING         EXT       EXISTING         EXT       EXISTING         EXT       EXISTING         FET       FILOP DRAIN         FD       FLOOR DRAIN         FN       FUDOR DRAIN         FN       FUDOR DRAIN         FN       FUDOR DRAIN         FR       FILDE DISTRANCE         FF       FILMAL DISTANCE         FR       FILMAL DISTANCE         FR       FILOOR TRAINC         FR		
DNSTR DOWNSTREAM DP DRAINAGE PIPE/STORM PIPE DWG DRAWING E EAST EJ EXPANSION JOINT EL, ELEV ELEVATION PEDGE OF PAVEMENT EQUIP EQUIPMENT EQUIP EQUIPMENT EQUIP EQUIPMENT EQUIP EQUIPMENT EQUIP EQUIPMENT EXT EXTERIOR EXT EXTERIOR EXT EXTERIOR EXT EXTERIOR EXT EXTERIOR EXT EXTERIOR E = EXTERNAL DISTANCE FD FLOOR DRAIN FDN FOUNDATION FE FILLE THAN CE FF FILLE ENTRANCE FF FINISH FLOOR FIL FILLET FIN FORCE MAIN FL FLOOR TAKING FG FOOTING FT-F FACE TO FACE GA GAUGE GI GALVANIZED IRON PIPE GRD GRADE GRD GRADE GRS GRATING SUPPORT GRT GROUT GV GAS VALVE GYP GYPSUM HSE HOUSE HC HORIZONTAL CURVE HMA HOT MIX ASPHALT HNGR HANGER HORIZ HORIZONTAL L ELENTRAL ANGLE I MOMENT OF INERTIA D INSIDE DIAMETER INT FINTERIOR L ELENTRAL ANGLE I MOMENT OF INERTIA D INSIDE DIAMETER INT INTERIOR L ELENTRAL ANGLE I MOMENT OF SURVEY BASE LINE MAX MAXIMUM ME MATCH EXISTING MM MOT TO SCALE OC ON CENTRE AMAGE DIAMETER INT MIXER HWH HOT WATER HANGE HEATER A = CENTRAL ANGLE I MOMENT OF SURVEY BASE LINE MAX MAXIMUM ME MATCH ELEVATION; BASED ON BENCH MARK DATUM IP IRON PIPE JST JOIST L LENGTH OF CURVE LAT LATERAL LAV LAVATORY IF LINEAL FEET L.P. LOW POINT L LENGTH OF CURVE MAX MAXIMUM ME MATCH EXISTING MH MANHOLE MIN MINIMAL NORTH NO. OR $\neq$ NUMBER NOM NOMINAL NTS NOT TO SCALE OC ON CENTER OD OUTSIDE DIAMETER NOM NOMINAL NTS NOT TO SCALE OC ON CENTER OD OUTSIDE DIAMETER NOM NOMINAL NTS NOT TO SCALE OC ON CENTER OD OUTSIDE DIAMETER NOM NOMINAL NT NORTH NO. ORT $\neq$ NUMBER NOM NOMINAL NTS NOT TO SCALE OC ON CENTER OD OUTSIDE DIAMETER NOM NOMINAL NT NOT TO SCALE OC ON CENTER OD OUTSIDE DIAMETER OD OUTSIDE DIAMETER OD OUTSIDE DIAMETER PC POUNTS PER CUBIC FOOT D SUBE DIAMETER PC POUNT OF CURVETER PC POUNT OF CURVATURE PC POUNT PC POUNT PC POUNT PC POUNT PC POUNT PC POUNT PC PO	DI	DUCTILE IRON PIPE
DWG DRAWING ' E EAST EJ EVANSION JOINT EL, ELEV ELEVATION JOINT EL, ELEV ELEVATION JOINT EL, ELEV ELEVATION JOINT EL, ELEV ELEVATION JOINT ED EDGE OF PAVEMENT EQUIP EQUIPMENT EQUIP EQUIPMENT EQUIP EQUIPMENT EQUIP EQUIPMENT EQUIP EQUIPMENT EQUIP EQUIPMENT EW EACH WAY EXP EXPANSION EX, EXIST EXISTING EXT EXTERIOR EXT EXTERIOR EXT EXTERIOR EXT EXTERIOR DRAIN FD FOUNDATION FF FOR FOUNDATION FF FILL FILLET FIN FILOR FIL FILLET FIN FINISH FL FLOW LINE FLR FLOOR FM FORCE MAIN FRG FRAMING FG FOOTING FF-F FACE TO FACE GA GAUGE GI GALVANIZED IRON PIPE GRD GRADE GRS GRATING SUPPORT GRT GROUT GV GAS VALVE GYP GYPSUM HSE HOUSE HC HORIZONTAL CURVE HMA HOT MIX ASPHALT HNGR HANGER HORIZ HORIZONTAL HWH HOT WATER HEATER $\Delta = CENTRAL ANGLEI MOMENT OF INERTIAID INSIDE DIAMETERINT INTERIORINT INTO OT INTO INT INTERIORINT INTO OT INTO INT INTO INT INTO INT INT INTO INT INT INTO INT INTO INT INT INT INT IN$	DNSTR	DOWNSTREAM
EJ EXPANSION JOINT EL, ELEV LEVATION EP EDGE OF PAVEMENT EQUIP EQUIVALENT EW EQUIVALENT EW EACH WAY EXP EXPANSION EX, EXIST EXISTING EXT EXTERIOR E = EXTERNAL DISTANCE FD FOLOOR DRAIN FDN FOUNDATION FE FIELD ENTRANCE FF FILLST FIN FILLET FIN FILLET FIN FORCE MAIN FLR FLOOR FM FORCE MAIN FRG FRAMING FTG FOOTING F-F FACE TO FACE GA GALVANIZED IRON PIPE GRD GRADE GRS GRATING SUPPORT GRT GROUT GV GAS VALVE GYP GYPSUM HSE HOUSE HC HORIZONTAL CURVE HC HORIZONTAL ANGLE I MOMENT OF INERTIA D INSIDE DIAMETER INT INTERIOR INT INTERIOR INTO INTER INT INTERIOR INT INTERIOR INTON	DWG	DRAWING
EPEDGE OF PAVEMENTEQUIPEQUIVALENTEQUIVEQUIVALENTEWEACH WAYEWEACH WAYEXPEXTENSIONEXTEXISTINGEXTEXTERNAL DISTANCEFDFLOOR DRAINPDNFOUNDATIONFEFIELD ENTRANCEFFFILLETFINFILLETFINFLOORFMFORCE MAINFNDFOUNDATIONFRGFAMINGFTGFOOTINGFT-FFACE TO FACEGAGAUGEGIGALVANIZED IRON PIPEGRDGRADEGRSGRATING SUPPORTGRDGRADEGYGAS VALVEGYPGYPSUMHSEHOUSEHCHORIZONTALHNRHOT MATERHORIZHORIZONTALHNRHOT WATERHWHHOT WATERHWHHOT WATERHWHHOT WATERHWHHOT WATERHWHHOT WATERHWHHOT WATERINVINVERT ELEVATION; BASED ON BENCH MARK DATUMIPIGON PIPEJSTJOISTLLENGTH OF CURVELATLATERALLATERALAMCH EXISTINGMHMANHOLEMINMINALMINMINALMINMINALMINMINALMINMORTHNOOR # NUMBERNOMNOMINALNOOUTSI	EJ	EXPANSION JOINT
EQUIV EQUIVALENT EW EACH WAY EXP EXPANSION EX, EXIST EXISTING EXT EXTERNAL DISTANCE FD FLOOR DRAIN FDN FOUNDATION FE FIELD ENTRANCE FF FINSH FLOOR FIL FILLET FIN FINISH FLOOR FIL FLOW LINE FLR FLOOW LINE FLR FLOOM CONTING FTG FOOTING FTG FOOTING FTG FOOTING FTG FOOTING GTG GALVANIZED IRON PIPE GRD GRADE GRS GRATING SUPPORT GRT GROUT GV GAS VALVE GYP GYPSUM HSE HOUSE HC HORIZONTAL CURVE HMA HOT MIX ASPHALT HNGR HANGER HORIZ HORIZONTAL H.P. HIGH POINT HW HOT WATER HEATER $\Delta = CENTRAL ANGLE I MOMENT OF INERTIA ID INSIDE DIAMETER INT INTERIOR INT INTER$	EP	EDGE OF PAVEMENT
EXP EXPANSION EX, EXIST EXISTING EXT EXISTING EXTERIOR E = EXTERIAL DISTANCE FD FLOOR DRAIN FDN FOUNDATION FE FIELD ENTRANCE FF FIELD ENTRANCE FF FIELD ENTRANCE FF FIELD ENTRANCE FF FIELD ENTRANCE FR FOOR FIL FILLET FIN FINISH FL FLOOR FM FORCE MAIN FND FOUND FRMG FRAMING FTG FOOTING FTG FOOTING FTG FOOTING GR GALVANIZED IRON PIPE GRD GRADE GR GALVANIZED IRON PIPE GRD GRADE GRS GRATING SUPPORT GRT GROUT GV GAS VALVE GYP GYPSUM HSE HOUSE HC HORIZONTAL CURVE HMA HOT MIX ASPHALT HNGR HANCER HORIZ HORIZONTAL H.P. HIGH POINT HW HOT WATER HWH HOT WATER HWH HOT WATER HWH HOT WATER I MOMENT OF INERTIA ID INSIDE DIAMETER INT INTERIOR INV INVERT ELEVATION; BASED ON BENCH MARK DATUM IP IRON PIPE JST JOIST L LENSTH OF CURVE LAT LATERAL AXATORY LF LINEAL FEET L.P. LOW POINT HM MATCH EXISTING MH MANHUM ME MATCH EXISTING MH MANHUM MME MATCH EXISTING MH MANHUM MME MATCH EXISTING MH MANHUM MME MATCH EXISTING HN NINIMUM MJ MECHANICAL JOINT MIN MINIMUM MJ MECHANICAL JOINT MIN MINIMUM MJ MECHANICAL JOINT MIN MINIMUM MJ MECHANICAL JOINT MIN MINIMUM MJ MECHANICAL DOUTSIDE OPPO OPPOSITE PC POINT OF CURVATURE PCF POUNDS PER CUBIC FOOT	EQUIV	EQUIVALENT
EXT EXTERIOR E = EXTERNAL DISTANCE FD FLOOR DRAIN FDN FOUNDATION FE FIELD ENTRANCE FF FINISH FLOOR FIL FILLET FIN FINISH FL FLOW LINE FLR FLOOR FM FORCE MAIN FND FOUND FRMG FRAMING FTG FOOTING FT-F FACE TO FACE GA GAUGE GI GALVANIZED IRON PIPE GRD GRADE GRS GRATING SUPPORT GRT GROUT GV GAS VALVE GYP GYPSUM HSE HOUSE HC HORIZONTAL CURVE HMA HOT MIX ASPHALT HNGR HANGER HWH HOT WATER HWH HOT PIPE JST JOIST L LENGTH OF CURVE LAT LATERAL LAV LAVATORY LF LINEAL FEET L. LENGTH OF CURVE MAX MAXIMUM ME MATCH EXISTING MH MANHOLE MIN MINIMUM ME MATCH EXISTING MH MANHOLE MIN MINIMUM MM MOTION FOR COURSE MAX MAXIMUM ME MATCH EXISTING MH MANHOLE MIN MINIMUM MJ MECHANICAL JOINT MT MINIMUM MJ MECHANICAL JOINT MT MORTH NO OR POINT LT LEFT OF SURVEY BASE LINE MAX MAXIMUM ME MATCH EXISTING MH MANHOLE MIN MINIMUM MJ MECHANICAL JOINT MT MINIMUM MJ MECHANICAL JOINT MT MINIMUM MJ MECHANICAL JOINT MT MINIMUM MJ MECHANICAL JOINT MT MONINAL NTS NOT TO SCALE OC ON CENTER OD OUTSIDE DIAMETER DO OUTSIDE DIAMER	EXP	EXPANSION
FD FLOOR DRAIN FDN FOUNDATION FE FIELD ENTRANCE FF FINISH FL FILLET FIN FINISH FL FLOOR FM FORCE MAIN FL FLOOR FM FORCE MAIN FRG FRAMING FTG FOOTING FTG FOOTING FTG FOOTING FT-F FACE TO FACE GA GAUGE GI GALVANIZED IRON PIPE GRD GRADE GRS GRATING SUPPORT GRT GROUT GV GAS VALVE GYP GYPSUM HSE HOUSE HC HORIZONTAL CURVE HMA HOT MIX ASPHALT HNGR HANGER HORIZ HORIZONTAL HORIZ HORIZONTAL HVW HOT WATER HATER $\Delta$ = CENTRAL ANGLE I MOMENT OF INERTIA ID INSIDE DIAMETER INV INVERT ELEVATION; BASED ON BENCH MARK DATUM IP IRON PIPE JST JOIST L LENGTH OF CURVE LAT LATERAL AVE LEVATION; BASED ON BENCH MARK DATUM IP IRON PIPE JST JOIST L LENGTH OF CURVE LAT LATERAL AVE MATCH EXISTING MM MATCH EXISTING MM MANDUM ME MATCH EXISTING MM MAINDUM ME MATCH EXISTING MM MONINAL MIN MINIMUM ME MATCH EXISTING MM MONINAL N NORTH No. OR $\#$ NUMBER NOM NOMINAL N NORTH NO OCTO SURVEY BASE LINE MAX MAXIMUM ME MATCH EXISTING MH MANHOLE MIN MINIMUM MI MINIMUM ME MATCH EXISTING MH MANHOLE MIN MINIMUM MI MONINAL N NORTH NO. OR $\#$ NUMBER NOM NOMINAL N NORTH NO. OR POPOSITE PC POINT OF CURVATURE PC POUNT OF CURVATURE PC POUNT SEC CUBIC FOOT	EXT	EXTERIOR
FEFILD ENTRANCEFFFINISHFLFLUETFINFINISHFLFLOORFMFORCE MAINFNDFOUNDFRMGFRAMINGFTGFOTINGFFFACE TO FACEGAGAUGEGRDGRADEGRDGRADEGRTGROUTGVGAS VALVEGYPGYPSUMHSEHOUSEHCHORIZONTAL CURVEHMAHOT MIX ASPHALTHNGRHANGERHORIZHORIZONTALH.P.HIGH POINTHWHOT WATER HEATER $\Delta$ =CENTRAL ANGLEIMOMENT OF INERTIAIDINSIDE DIAMETERINVINVERT LEVATION; BASED ON BENCH MARK DATUNIPIRON PIPEJSTJOISTLLENGTH OF CURVELATLATERALMAXMAXIMUMM	FD	FLOOR DRAIN
FIL       FILLEI         FIN       FINSH         FL       FLOW LINE         FLR       FLOOR         FM       FORCE MAIN         FND       FOUND         FRMG       FRAMING         FTG       FOOTING         FF       FACE TO FACE         GA       GAUGE         GI       GALVANIZED IRON PIPE         GRD       GRADE         GRT       GROUT         GYP       GYPSUM         HSE       HOUSE         HC       HORIZONTAL         HNGR       HANGER         HORIZ       HORIZONTAL         HNGR       HANGER         HORIZ       HORIZONTAL         HNG       HANGER         HORIZ       HORIZONTAL         HW       HOT WATER         HWH       HOT WATER         HWH       HOT WATER         HWH       HOT WATER         INV       INVERT ELEVATION; BASED ON BENCH MARK DATUM         IP       IRON PIPE         JST       JOIST         L       LENGTH OF CURVE         LAT       LATERAL         JST       JOIST	FE	FIELD ENTRANCE
FLFLOW LINEFLRFLOORFMFORCE MAINFNDFOUNDFRMGFRAMINGFTGFOOTINGGRGACTONAGEGAGAUGEGIGALVANIZED IRON PIPEGRDGRADEGRTGROUTGVGAS VALVEGYPGYPSUMHSEHOUSEHCHORIZONTAL CURVEHMAHOT MIX ASPHALTHNGRHANGERHORIZHORIZONTALHP.HIGH POINTHWHOT WATERHWHHOT WATER HEATER $\Delta$ =CENTRAL ANGLEIMOMENT OF INERTIAIDINSIDE DIAMETERINVINVERT ELEVATION; BASED ON BENCH MARK DATUMIPIRON PIPEJSTJOISTLLENGTH OF CURVELATLATERALLAVLAVATORYLFLINEAL FEETL.P.LOW POINTLTLEFT OF SURVEY BASE LINEMAXMAXIMUMMEMATCH EXISTINGMHMANHOLEMINMINMUMMJMECHANICAL JOINTMTLMETALNORTHNORTHNONORTHNOOUTSIDE DIAMETERODOUTSIDE DIAMETERODOUTSIDE DIAMETERODOUTSIDE DIAMETERODOUTSIDE DIAMETERODOUTSIDE DIAMETERODOUTSIDE DIAMETERODOUTSIDE DIAMETEROD<	FIL	FILLET
FM       FORCE MAIN         FND       FOUND         FRMG       FRAMING         FTG       FOOTING         FF       FACE TO FACE         GA       GAUGE         GI       GALVANIZED IRON PIPE         GRD       GRADE         GRT       GROUT         GV       GAS VALVE         GYP       GYPSUM         HSE       HOUSE         HC       HORIZONTAL CURVE         HMA       HOT MIX ASPHALT         HNGR       HANGER         HORIZ       HORIZONTAL         H.P.       HIGH POINT         HW       HOT WATER         HWH       HOT WATER         HWH       HOT WATER HEATER         A       =         CENTRAL ANGLE         I       MOMENT OF INERTIA         ID       INSIDE DIAMETER         INV       INVERTELEVATION; BASED ON BENCH MARK DATUW         IP       IRON PIPE         JST       JOIST         L       LENCTH OF CURVE         LAT       LATERAL         LAV       LAVATORY         LF       LINEAL FEET         L.P.       LOW POINT	FL	FLOW LINE
FRMGFRAMINGFTGFOOTINGFT-FFACE TO FACEGAGAUGEGIGALVANIZED IRON PIPEGRDGRADEGRXGRATING SUPPORTGRTGROUTGVGAS VALVEGYPGYPSUMHSEHOUSEHCHORIZONTALHNRHANGERHORIZHORIZONTALH.P.HIGH POINTHWHOT WATERHWHHOT WATER HEATER $\Delta$ =CENTRAL ANGLEIMOMENT OF INERTIAIDINSIDE DIAMETERINTINTERIORINTINTERIORINVINVERT ELEVATION; BASED ON BENCH MARK DATUMIPIRON PIPEJSTJOISTLLENGTH OF CURVELATLATERALIAVLAVATORYLFLINEAL FEETL.P.LOW POINTLTLEFT OF SURVEY BASE LINEMAXMAXIMUMMEMATCH EXISTINGMHMANHOLEMINMINIMUMMJMECHANICAL JOINTMTLMETALNOR # NUMBERNOMNOMINALNOT TO SCALEOCON CENTERODOUTSIDE DIAMETERODOUTSIDE DIAMETERODOUTSIDE DIAMETERODOUTSIDE DIAMETERODOUTSIDE DIAMETERODOUTSIDE DIAMETERODOUTSIDE DIAMETERODOUTSIDE DIAMETEROD <td< th=""><th>FM</th><th>FORCE MAIN</th></td<>	FM	FORCE MAIN
F-FFACE TO FACEGAGAUGEGIGALVANIZED IRON PIPEGRDGRADEGRTGRADEGRTGROUTGVGAS VALVEGYPGYPSUMHSEHOUSEHCHORIZONTAL CURVEHMAHOT MIX ASPHALTHNGRHANGERHORIZHORIZONTALH.P.HIGH POINTHWHOT WATER HEATER $A$ =CENTRAL ANGLEIMOMENT OF INERTIAIDINSIDE DIAMETERINTINTERIORINVINVERT ELEVATION; BASED ON BENCH MARK DATUWIPIRON PIPEJSTJOISTLLENGTH OF CURVELATLATERALLAVLAVATORYLFLINEAL FEETL.P.LOW POINTLTLEFT OF SURVEY BASE LINEMAXMAXIMUMMEMATCH ANICAL JOINTMIMINIMIUMMJMCHANICAL JOINTMTMETALNORTHNORTHNo. OR # NUMBERNOMNOMINALNTSNOT TO SCALEODOUTSIDE DIAMETERODOUTSIDE DIAMETERODOUTSIDE TO OUTSIDEOPPNGOPENINGOPPOPPOSITEPCPOINT OF CURVATUREPCCPOINT OF CURVATUREPCCPOINT OF CURVATUREPCCPOINT OF CURVATUREPCCPOINT OF CURVATUREPCCPOINT OF CURVATURE	FRMG	FRAMING
GIGALVANIZED IRON PIPEGRDGRADEGRTGROUTGRTGROUTGVGAS VALVEGYPGYPSUMHSEHOUSEHCHORIZONTAL CURVEHMAHOT MIX ASPHALTHNGRHANGERHORIZHORIZONTALH.P.HIGH POINTHWHOT WATERHWHHOT WATER REATER $\Delta$ =CENTRAL ANGLEIMOMENT OF INERTIAIDINSIDE DIAMETERINTINTERIORINVINVERT ELEVATION; BASED ON BENCH MARK DATUMIPIRON PIPEJSTJOISTLLENGTH OF CURVELATLATERALLAVLAVATORYLFLINEAL FEETL.P.LOW POINTLTLEFT OF SURVEY BASE LINEMAXMAXIMUMMEMATCH EXISTINGMHMANHOLEMINMINIMUMMJMECHANICAL JOINTMTLMETALNONOT TO SCALEODOUTSIDE DIAMETERODOUTSIDE DIAMETERPCPOINT OF CURVATUREPCCPOINT OF CURVATUREPCCPOINT OF C	F—F	FACE TO FACE
GRS       GRATING SUPPORT         GRT       GROUT         GV       GAS VALVE         GYP       GYPSUM         HSE       HOUSE         HC       HORIZONTAL CURVE         HMA       HOT MIX ASPHALT         HNGR       HANGER         HORIZ       HORIZONTAL         H.P.       HIGH POINT         HW       HOT WATER         HWH       HOT WATER HEATER         A       =         CENTRAL ANGLE         I       MOMENT OF INERTIA         ID       INSIDE DIAMETER         INT       INTERIOR         INV       INVERT ELEVATION; BASED ON BENCH MARK DATUW         IP       IRON PIPE         JST       JOIST         L       LENGTH OF CURVE         LAT       LATERAL         LAV       LAVATORY         LF       LINEAL FEET         L.P.       LOW POINT         LT       LEFT OF SURVEY BASE LINE         MAX       MAXIMUM         ME       MATCH EXISTING         MH       MANHOLE         MIN       MINIMUM         MJ       MECHANICAL JOINT         MTL	GI	GALVANIZED IRON PIPE
GV       GAS VALVE         GYP       GYPSUM         HSE       HOUSE         HC       HORIZONTAL CURVE         HMA       HOT MIX ASPHALT         HNGR       HANGER         HORIZ       HORIZONTAL         H.P.       HIGH POINT         HW       HOT WATER         HWH       HOT WATER HEATER         Δ       =         CENTRAL ANGLE         I       MOMENT OF INERTIA         ID       INSIDE DIAMETER         INT       INTERIOR         INV       INVERT ELEVATION; BASED ON BENCH MARK DATUM         IP       IRON PIPE         JST       JOIST         L       LENGTH OF CURVE         LAT       LATERAL         LAV       LAVATORY         LF       LINEAL FEET         LP.       LOW POINT         LT       LEFT OF SURVEY BASE LINE         MAX       MAXIMUM         ME       MATCH EXISTING         MH       MANHOLE         MIN       MINIMUM         MJ       MECHANICAL JOINT         MTL       METAL         N ORTH       NOR         No       OR #	GRS	GRATING SUPPORT
HSEHOUSEHCHORIZONTAL CURVEHMAHOT MIX ASPHALTHMRAHOT MIX ASPHALTHNGRHANGERHORIZHORIZONTALH.P.HIGH POINTHWHOT WATERHWHHOT WATER HEATER $\Delta$ =CENTRAL ANGLEIMOMENT OF INERTIAIDINSIDE DIAMETERINTINTERIORINVINVERT ELEVATION; BASED ON BENCH MARK DATUMIPIRON PIPEJSTJOISTLLENGTH OF CURVELATLATERALLAVLAVATORYLFLINEAL FEETL.P.LOW POINTLTLEFT OF SURVEY BASE LINEMAXMAXIMUMMEMATCH EXISTINGMHMANHOLEMINMINIMUMMJMECHANICAL JOINTMTLMETALNNORTHNo. OR # NUMBERNOMNOMINALNTSNOT TO SCALEOCON CENTERODOUTSIDE DIAMETERODOUTSIDE TO OUTSIDEOPNGOPENINGOPPOPPOSITEPCPOINT OF CURVATUREPCCPORTLAND CEMENT CONCRETEPCFPOUNDS PER CUBIC FOOT	GV	GAS VALVE
HMAHOT MIX ASPHALTHNGRHANGERHORIZHORIZONTALH.P.HIGH POINTHWHOT WATERHWHHOT WATER HEATER $\Delta$ =CENTRAL ANGLEIMOMENT OF INERTIAIDINSIDE DIAMETERINTINTERIORINVINVERT ELEVATION; BASED ON BENCH MARK DATUWIPIRON PIPEJSTJOISTLLENGTH OF CURVELATLATERALLAVLAVATORYLFLINEAL FEETL.P.LOW POINTLTLEFT OF SURVEY BASE LINEMAXMAXIMUMMEMATCH EXISTINGMHMANHOLEMINMINUMMJMECHANICAL JOINTMTLMETALNNORTHNo. OR # NUMBERNOMNOMINALNTSNOT TO SCALEOCON CENTERODOUTSIDE DIAMETERODOUTSIDE TO OUTSIDEOPPGOPPOSITEPCPOINT OF CURVATUREPCCPORTLAND CEMENT CONCRETEPCCPOUNDS PER CUBIC FOOT	HSE	HOUSE
HORIZHORIZONTALH.P.HIGH POINTHWHOT WATERHWHHOT WATER HEATER $\Delta$ =CENTRAL ANGLEIMOMENT OF INERTIAIDINSIDE DIAMETERINTINTERIORINVINVERT ELEVATION; BASED ON BENCH MARK DATUMIPIRON PIPEJSTJOISTLLENGTH OF CURVELATLATERALLAVLAVATORYLFLINEAL FEETL.P.LOW POINTLTLEFT OF SURVEY BASE LINEMAXMAXIMUMMEMATCH EXISTINGMHMANHOLEMINMINIMUMMJMECHANICAL JOINTMTLMETALNNORTHNo. OR# NUMBERNOMNOMINALNTSNOT TO SCALEOCON CENTERODOUTSIDE DIAMETEROOOUTSIDE TO OUTSIDEOPPOOPPOSITEPCPOINT OF CURVATUREPCCPOINT OF CURVATUREPCCPOINT OF CURVATUREPCPOUNDS PER CUBIC FOOT	НМА	HOT MIX ASPHALT
HWHOT WATERHWHHOT WATER HEATER $\Delta$ =CENTRAL ANGLEIMOMENT OF INERTIAIDINSIDE DIAMETERINTINTERIORINVINVERT ELEVATION; BASED ON BENCH MARK DATUMIPIRON PIPEJSTJOISTLLENGTH OF CURVELATLATERALLAVLAVATORYLFLINEAL FEETL.P.LOW POINTLTLEFT OF SURVEY BASE LINEMAXMAXIMUMMEMATCH EXISTINGMHMANHOLEMINMINIMUMMJMECHANICAL JOINTMTLMETALNNORTHNo. OR # NUMBERNOMNOMINALNTSNOT TO SCALEOCON CENTERODOUTSIDE DIAMETEROOOUTSIDE TO OUTSIDEOPPGOPPOSITEPCPOINT OF CURVATUREPCCPORTLAND CEMENT CONCRETEPCFPOUNDS PER CUBIC FOOT	HORIZ	HORIZONTAL
$ \Delta = CENTRAL ANGLE  I MOMENT OF INERTIA  ID INSIDE DIAMETER  INT INTERIOR  INV INVERT ELEVATION; BASED ON BENCH MARK DATUM  IP IRON PIPE  JST JOIST  L LENGTH OF CURVE  LAT LATERAL  LAV LAVATORY  LF LINEAL FEET  L.P. LOW POINT  LT LEFT OF SURVEY BASE LINE  MAX MAXIMUM  ME MATCH EXISTING  MH MANHOLE  MIN MINIMUM  MJ MECHANICAL JOINT  MTL METAL  N NORTH  No. OR # NUMBER  NOM NOMINAL  NTS NOT TO SCALE  OC ON CENTER  OD OUTSIDE DIAMETER  OD OUTSIDE DIAMETER  OO OUTSIDE TO OUTSIDE  OPNG OPENING  OPP OPPOSITE  PC POINT OF CURVATURE  PCC PORTLAND CEMENT CONCRETE  PCF POUNDS PER CUBIC FOOT$	HW	HOT WATER
ID INSIDE DIAMETER INT INTERIOR INV INVERT ELEVATION; BASED ON BENCH MARK DATUM IP IRON PIPE JST JOIST L LENGTH OF CURVE LAT LATERAL LAV LAVATORY LF LINEAL FEET L.P. LOW POINT LT LEFT OF SURVEY BASE LINE MAX MAXIMUM ME MATCH EXISTING MH MANHOLE MIN MINIMUM MJ MECHANICAL JOINT MTL METAL N NORTH No. OR # NUMBER NOM NOMINAL NTS NOT TO SCALE OC ON CENTER OD OUTSIDE DIAMETER OD OUTSIDE DIAMETER OO OUTSIDE TO OUTSIDE OPNG OPENING OPP OPPOSITE PC POINT OF CURVATURE PCC PORTLAND CEMENT CONCRETE PCF POUNDS PER CUBIC FOOT	$\triangle =$	CENTRAL ANGLE
INVINVERT ELEVATION; BASED ON BENCH MARK DATUMIPIRON PIPEJSTJOISTLLENGTH OF CURVELATLATERALLAVLAVATORYLFLINEAL FEETL.P.LOW POINTLTLEFT OF SURVEY BASE LINEMAXMAXIMUMMEMATCH EXISTINGMHMANHOLEMINMINIMUMMJMECHANICAL JOINTMTLMETALNNORTHNo. OR # NUMBERNOMNOMINALNTSNOT TO SCALEOCON CENTERODOUTSIDE DIAMETEROOOUTSIDE TO OUTSIDEOPPO OPPOSITEPCPOINT OF CURVATUREPCCPOINT OF CURVATUREPCCPOINT OF CURVATUREPCFPOUNDS PER CUBIC FOOT	ID	INSIDE DIAMETER
JST JOIST L LENGTH OF CURVE LAT LATERAL LAV LAVATORY LF LINEAL FEET L.P. LOW POINT LT LEFT OF SURVEY BASE LINE MAX MAXIMUM ME MATCH EXISTING MH MANHOLE MIN MINIMUM MJ MECHANICAL JOINT MTL METAL N NORTH No. OR # NUMBER NOM NOMINAL NTS NOT TO SCALE OC ON CENTER OD OUTSIDE DIAMETER OD OUTSIDE DIAMETER OO OUTSIDE TO OUTSIDE OPPNG OPENING OPP OPPOSITE PC POINT OF CURVATURE PCC PORTLAND CEMENT CONCRETE PCF POUNDS PER CUBIC FOOT	INV	INVERT ELEVATION; BASED ON BENCH MARK DATUM
LAT LATERAL LAV LAVATORY LF LINEAL FEET L.P. LOW POINT LT LEFT OF SURVEY BASE LINE MAX MAXIMUM ME MATCH EXISTING MH MANHOLE MIN MINIMUM MJ MECHANICAL JOINT MTL METAL N NORTH No. OR # NUMBER NOM NOMINAL NTS NOT TO SCALE OC ON CENTER OD OUTSIDE DIAMETER OD OUTSIDE DIAMETER OO OUTSIDE TO OUTSIDE OPPOSITE PC POINT OF CURVATURE PCC PORTLAND CEMENT CONCRETE PCF POUNDS PER CUBIC FOOT	JST	JOIST
LFLINEAL FEETL.P.LOW POINTLTLEFT OF SURVEY BASE LINEMAXMAXIMUMMEMATCH EXISTINGMHMANHOLEMINMINIMUMMJMECHANICAL JOINTMTLMETALNNORTHNo. OR # NUMBERNOMNOMINALNTSNOT TO SCALEOCON CENTERODOUTSIDE DIAMETEROOOUTSIDE TO OUTSIDEOPNGOPENINGOPPOPPOSITEPCPOINT OF CURVATUREPCCPORTLAND CEMENT CONCRETEPCFPOUNDS PER CUBIC FOOT	LAT	LATERAL
LT LEFT OF SURVEY BASE LINE MAX MAXIMUM ME MATCH EXISTING MH MANHOLE MIN MINIMUM MJ MECHANICAL JOINT MTL METAL N NORTH No. OR # NUMBER NOM NOMINAL NTS NOT TO SCALE OC ON CENTER OD OUTSIDE DIAMETER OD OUTSIDE DIAMETER OO OUTSIDE TO OUTSIDE OPNG OPENING OPP OPPOSITE PC POINT OF CURVATURE PC PORTLAND CEMENT CONCRETE PCF POUNDS PER CUBIC FOOT	LF	LINEAL FEET
MEMATCH EXISTINGMHMANHOLEMINMINIMUMMJMECHANICAL JOINTMTLMETALNNORTHNo. OR # NUMBERNOMNOMINALNTSNOT TO SCALEOCON CENTERODOUTSIDE DIAMETEROOOUTSIDE TO OUTSIDEOPNGOPENINGOPPOPPOSITEPCPOINT OF CURVATUREPCCPORTLAND CEMENT CONCRETEPCFPOUNDS PER CUBIC FOOT	LT	LEFT OF SURVEY BASE LINE
MINMINIMUMMJMECHANICAL JOINTMTLMETALNNORTHNo. OR # NUMBERNOMNOMINALNTSNOT TO SCALEOCON CENTERODOUTSIDE DIAMETEROOOUTSIDE TO OUTSIDEOPNGOPENINGOPPOPPOSITEPCPOINT OF CURVATUREPCCPORTLAND CEMENT CONCRETEPCFPOUNDS PER CUBIC FOOT	ME	MATCH EXISTING
MTLMETALNNORTHNo. OR # NUMBERNOMNOMINALNTSNOT TO SCALEOCON CENTERODOUTSIDE DIAMETEROOOUTSIDE TO OUTSIDEOPNGOPENINGOPPOPPOSITEPCPOINT OF CURVATUREPCCPORTLAND CEMENT CONCRETEPCFPOUNDS PER CUBIC FOOT	MIN	MINIMUM
No. OR # NUMBERNOMNOMINALNTSNOT TO SCALEOCON CENTERODOUTSIDE DIAMETEROOOUTSIDE TO OUTSIDEOPNGOPENINGOPPOPPOSITEPCPOINT OF CURVATUREPCCPORTLAND CEMENT CONCRETEPCFPOUNDS PER CUBIC FOOT	MTL	METAL
NOMNOMINALNTSNOT TO SCALEOCON CENTERODOUTSIDE DIAMETEROOOUTSIDE TO OUTSIDEOPNGOPENINGOPPOPPOSITEPCPOINT OF CURVATUREPCCPORTLAND CEMENT CONCRETEPCFPOUNDS PER CUBIC FOOT	No. OR #	NUMBER
ODOUTSIDEDIAMETEROOOUTSIDETOOPNGOPENINGOPPOPPOSITEPCPOINT OF CURVATUREPCCPORTLAND CEMENT CONCRETEPCFPOUNDSPERCUBICFOOT	NTS	NOT TO SCALE
OPNGOPENINGOPPOPPOSITEPCPOINT OF CURVATUREPCCPORTLAND CEMENT CONCRETEPCFPOUNDS PER CUBIC FOOT	OD	
OPP OPPOSITE PC POINT OF CURVATURE PCC PORTLAND CEMENT CONCRETE PCF POUNDS PER CUBIC FOOT	OO OPNG	OPENING
PCC PORTLAND CEMENT CONCRETE PCF POUNDS PER CUBIC FOOT	PC	POINT OF CURVATURE
	PCC PCF	PORTLAND CEMENT CONCRETE POUNDS PER CUBIC FOOT

PE	POLYETHYLENE PIPE
PI	POINT OF INTERSECTION
PL	PLATE
PLG	PLUG VALVE
PLYWD	PLYWOOD
	PRINCIPAL MERIDIAN PRESSURE REGULATORS
PRC PRESS	
	PROPOSED PRESSURE REDUCING VALVE
PSF	POUNDS PER SQUARE FOOT
PSI PSL	PIPE SLEEVE
PT	POINT OF TANGENCY
PLG	PLUG VALVE
PLG PVC R	RADIUS
RDCR RCCP	REDUCER
RCP	REINFORCED CONCRETE PIPE
RD REINF REQD	ROOF DRAIN REINFORCING
REQD	REQUIRED
ROW	RIGHT OF WAY
RFTR	RAFTER
RND	ROUND
RR	RAILROAD
RRSP	RAILROAD SPIKE
RT	RIGHT
R&R	REMOVE AND REPLACE
S	SOUTH
SB	STREAM BED
SCHED	SCHEDULE
SEC	SECTION SQUARE FEET
SHR	SHOWER
SHT SHTG	SHEATHING
SP	SANITARY PIPE
SPA	SPACING OR SPACES
SPEC	SPECIFICATION
SQ	SQUARE
SS	SANITARY SERVICE
STA	STATION
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SW	SIDEWALK
SY	SQUARE YARDS
SYM	SYMMETRICAL
TAN	TANGENT LENGTH
TBC	TOP BACK OF CURB
TBM	TEMPORARY BENCH MARK; BASED ON BENCHMARK DATUM
TD THK	TILE DRAIN
TR	THICK TREAD
TY	TYPE
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
UP	UTILITY POLE
UPSTR	UPSTREAM
UR	URINAL
USGS	US GEOLOGICAL SURVEY
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VOL	VOLUME
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPRC	VERTICAL POINT OF REVERSE CURVATURE
VPT	VERTICAL POINT OF TANGENCY
W	WEST
WC	WATER CLOSET
WF	WIDE FLANGE
WM WMQ	WATER MAIN QUALITY
W∨	WATER VALVE
WGT	WEIGHT
WP	WEATHER PROOF
WS	WATER SERVICE
WWF	WELDED WIRE FABRIC
W/	WITH
W/O	WITHOUT
XÞ	EXPLOSION PROOF

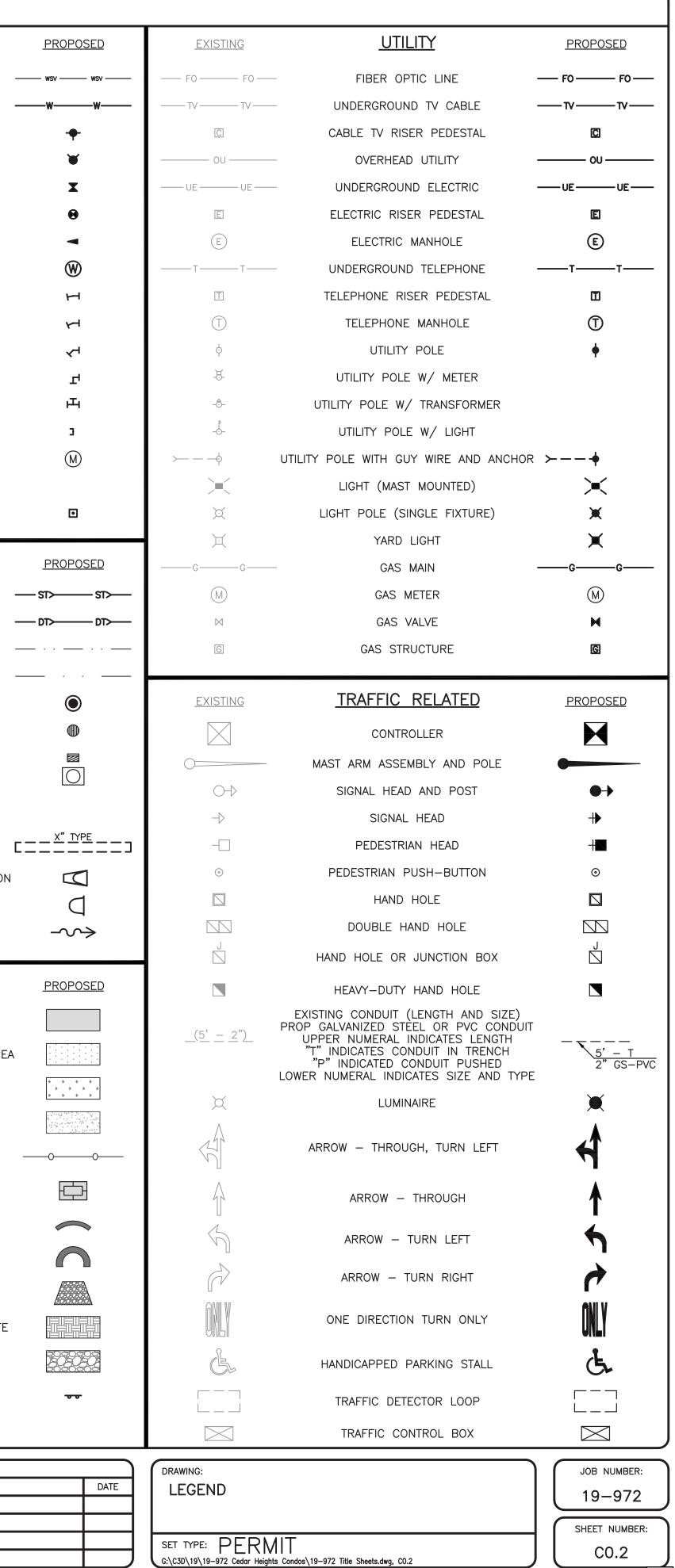
# HATCH PATTERNS

EARTH - FILL EARTH - UNDISTURBED ROCK (GEOLOGICAL) STONE OR RIP RAP GRAVEL CONCRETE CONCRETE	BRICK STEEL INSULATION (LOOSE/ BATT)
ROCK (GEOLOGICAL)	
GRAVEL	
GRAVEL	
	INSULATION (RIGID)
CONCRETE	WOOD (ROUGH)
	WOOD (BLOCKING)
CONCRETE BLOCK	WOOD (FINISH)
CMU 000000	DETECTABLE WARNING
ASPHALT PAVEMENT	



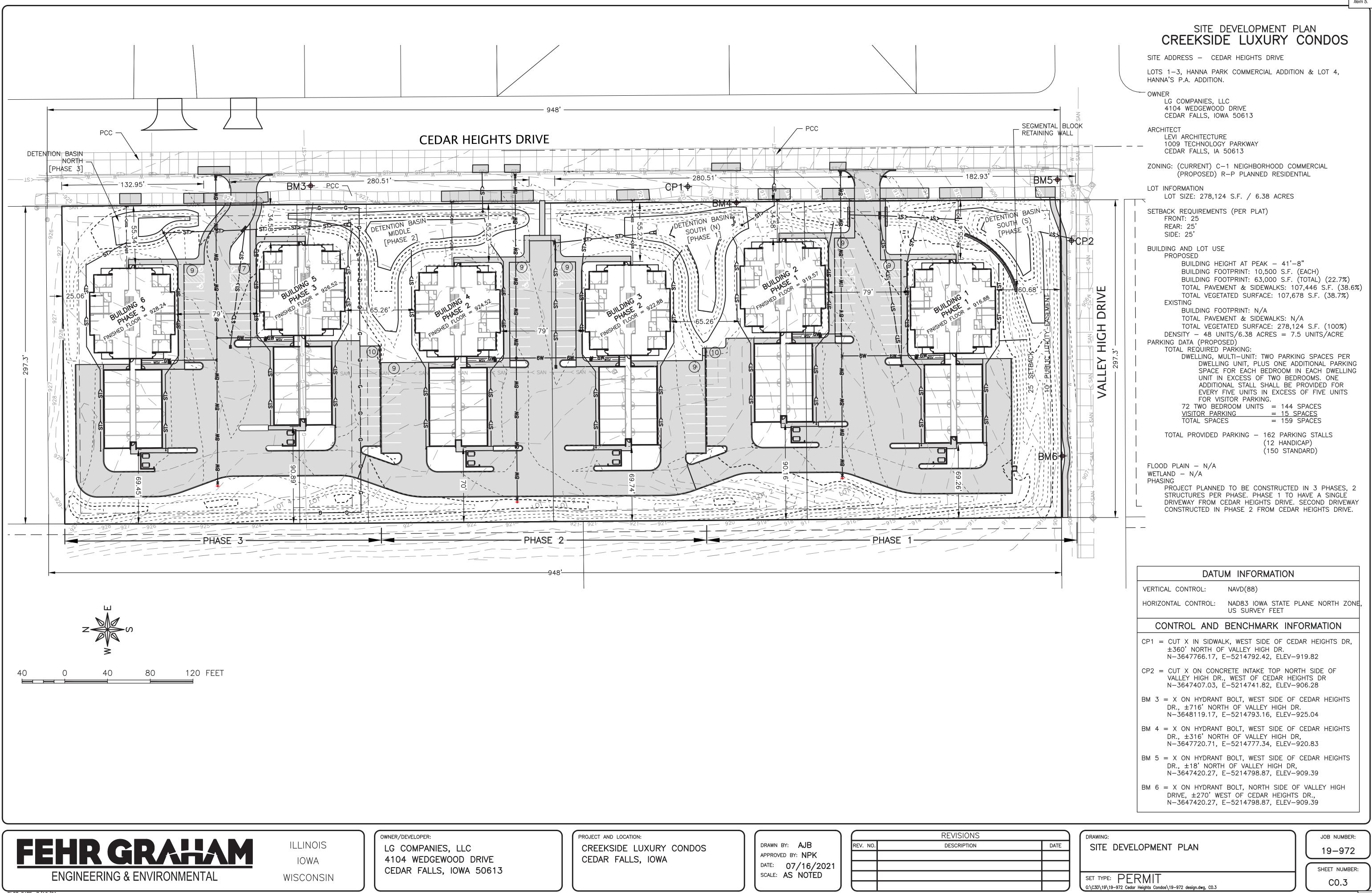
ILLINOIS IOWA WISCONSIN OWNER/DEVELOPER: LG COMPANIES, LLC 4104 WEDGEWOOD DF CEDAR FALLS, IOWA

					SYMBOLS
Γ	EXISTING	CIVIL	PROPOSED	EXISTING	WATER
	EXISTING R.O.W.	RIGHT-OF-WAY LINE	PROPOSED R.O.W	• wsv wsv	WATER SERVICE
		PROPERTY LINE		WW	WATER PIPE
		CENTERLINE		- <b>-</b> -	FIRE HYDRANT
		SETBACK LINE		X	YARD HYDRANT
Ι.		EASEMENT LINE		X	WATER VALVE WITH BOX
		SECTION LINE		$\otimes$	CURB STOP W/CURB BOX
	5 4			$\bigtriangledown$	REDUCER
	89	SECTION CORNER		$(\mathbb{W})$	WATER VALVE VAULT
	<u>N 1000.00</u> E 1000.00	COORDINATE POINT ON GRID SYSTEM			11.25° BEND
	• FND	FOUND OR SET PROPERTY PIN	O SET		22.50° BEND
		RIGHT-OF-WAY MARKER	X		45° BEND
	<del>\$</del>	BENCHMARK			90° BEND
	— — 600	CONTOUR LINE	600	-	TEE
	000.00 FG	SPOT ELEVATION (AT •)	000.00 FG		CAP
-	X X	FENCE LINE	x x	- M	WATER METER
-	00	SILT FENCE LINE	00	- *	SPRINKLER HEAD
Ē		CURB AND GUTTER		•	TRACER WIRE BOX
		TIP OUT CURB AND GUTTER			
	ATA	SAWCUT, LIMITS OF PAVEMENT REMOVAL & REPLACEMENT		<u>EXISTING</u>	STORM SEWER
	×" *** ×"	DECIDUOUS TREE W/ SIZE	×"	ST> ST>	STORM SEWER
		CONIFEROUS TREE W/ SIZE	<b>₩</b> ×"	DT> DT>	DRAIN TILE
	Q X"	TREE STUMP		· · · · · · · · · · · · · · · · · · ·	DITCH LINE (PAVED)
	m	HEDGEROW	( in the second		DITCH LINE (UNPAVED)
		BUSH OR SHRUB		$\bigcirc$	STORM MANHOLE
	CL		CL		CATCH BASIN
-		CONSTRUCTION LIMIT LINE		-	STORM SEWER INLET
	<u> </u>	SIGN (MULTIPLE POST, SINGLE POST)		Ô	STORM SEWER INLET - BEHIND CURB
		SIGN (PYLON)		¢\$	DOWNSPOUT
-		GUARD RAIL	<u></u>	— <u>X" TYPE</u> — —	CULVERT AND SIZE
ŀ		RAILROAD TRACKS			RCCP OR RCP EQRS (RCAP) END SECTION
ł			//////		METAL OR HDPE END SECTION
		MAILBOX FLAGPOLE		$\longrightarrow$	FLOW DIRECTION
	•	BOLLARD	0		
	AC	AIR CONDITIONER	Ā	EXISTING	EROSION CONTROL
					EROSION CONTROL BLANKET
	EXISTING	MISC	PROPOSED	6 m s	TEMPORARY AND PERMANENT SEEDING AREA
	S.B. #XX	SOIL BORING LOCATION AND NUMBER	● S.B. #		UNDISTURBED AREA
	MW #XX	MONITORING WELL	▲ MW #>	^^	
		REVISION NUMBER OUTLINE OF DETAILED AREA		¬	STABILIZED CONSTRUCTION ENTRANCE
		OUTLINE OF DETAILED AREA	· · · · · · · · · · · · · · · · · · ·	<sup>→</sup> [	SILT FENCE
		SECTION NUMBER	A	Í	INLET PROTECTION
		SHEET WHERE SHOWN		Í	TEMPORARY SEDIMENT TRAP
				-1	CULVERT INLET PROTECTION
	<u>EXISTING</u>	<u>SANITARY SEWER</u>	<u>PROPOSED</u>	Í	
-	SAN >	SANITARY SEWER	SAN ≻	-	ROCK OUTLET PROTECTION
-	SSV> SSV>	SANITARY SEWER SERVICE	SSV> SSV>	-	ROCK CHECK DAM – COURSE AGGREGATE
-		SANITARY SEWER FORCE MAIN	<fm< td=""><td>-  </td><td>ROCK CHECK DAM - RIP RAP</td></fm<>	-	ROCK CHECK DAM - RIP RAP
	0	SANITARY CLEANOUT	CO •	Í	DITCH CHECK
	S	SANITARY MANHOLE		Í	
		WYE FITTING	<u>⊢</u>		
		PROJECT AND LOCATION:		WN BY: AJB	REVISIONS REV. NO.
Έ		CREEKSIDE LUXURY CONDOS CEDAR FALLS, IOWA	APP	ROVED BY: NPK	REV. NO. DESCRIPTION
L		ULUAN I ALLO, IUWA	DAT	E: 07/16/2021	
613	3 I			LE: AS NOTED	



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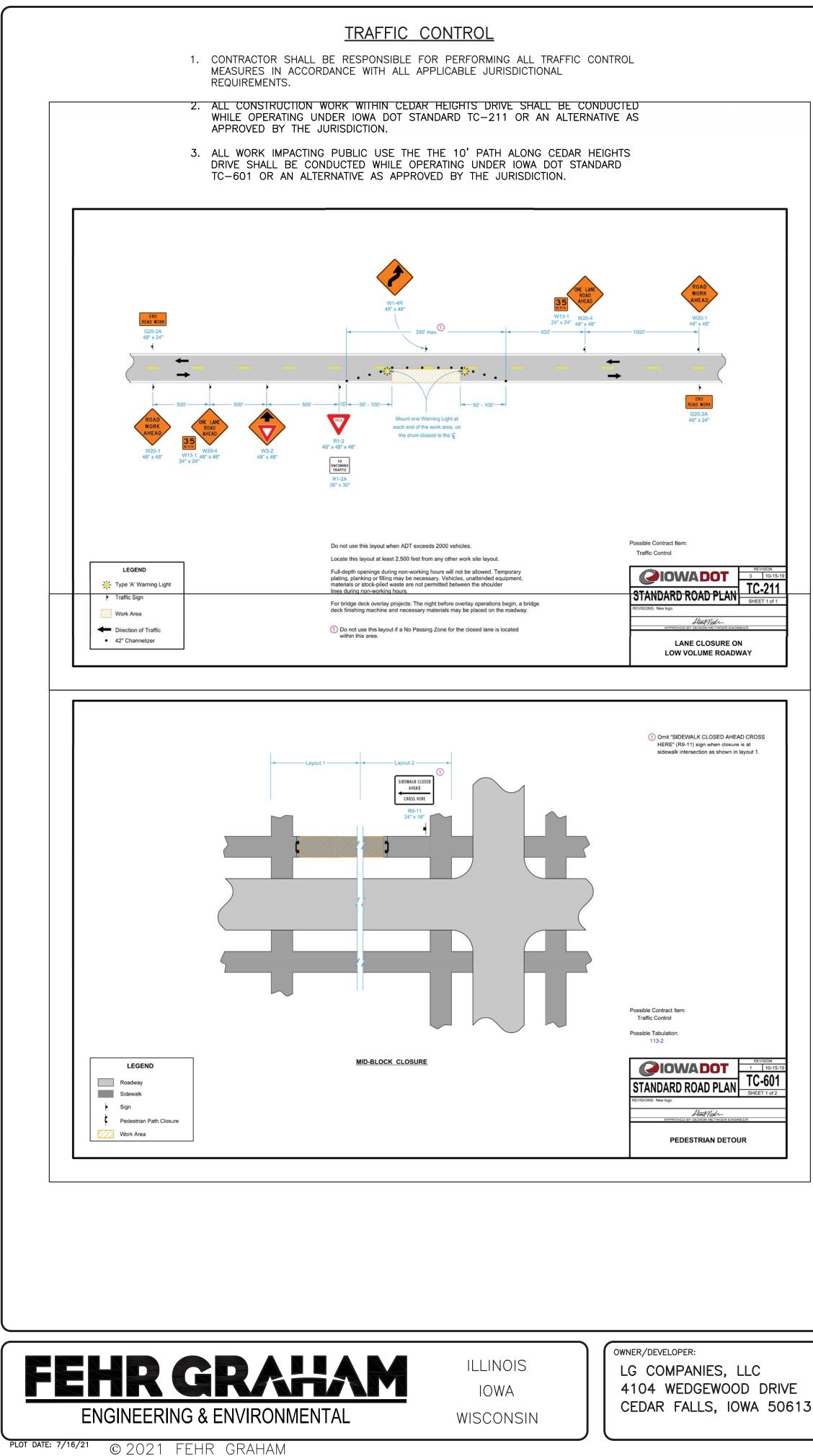
ltem 5.



PLOT DATE: 7/16/21 © 2021 FEHR GRAHAM

$\square$	REVISIONS
REV. NO.	DESCRIPTION

SET TYPE:	PERM	IT		
G:\C3D\19\19-	-972 Cedar Heights	Condos\19-972	design.dwg,	CC



- 1. ALL WORK SHALL CONFORM TO AND BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES.

- 4. CONSTRUCTION SURVEY FOR THIS PROJECT TO BE PROVIDED BY THE CONSTRUCTION MANAGER.
- BEFORE EXCAVATION. EXCLUDING WEEKENDS AND LEGAL HOLIDAYS.
- ROCK ELEVATIONS.
- OF ANY WORK. FAILURE TO VISIT THE SITE SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING THE WORK IN ACCORDANCE WITH THESE DRAWINGS.
- AND/OR CONFLICT PRIOR TO PROCEEDING WITH THE WORK.
- DRAWINGS SHALL APPLY TO ALL SIMILAR CONDITIONS WHETHER THEY ARE REPEATED OR NOT.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES OUTSIDE THE CONSTRUCTION LIMITS RESULTING FROM NEGLIGENCE.
- MATERIALS, COPIES OF THE AGREEMENTS WITH THE PROPERTY OWNERS SHALL BE PROVIDED TO THE OWNER.
- RESTRICTIONS MINIMUM OF 24 HOURS PRIOR TO REMOVAL OF EXISTING ACCESS. CONSTRUCTION.
- RELOCATING EXISTING FACILITIES, CONNECTING TO EXISTING FACILITIES AND PLACING NEW SERVICES.

PROJECT AND LOCATION: CREEKSIDE LUXURY CONDOS CEDAR FALLS, IOWA

DRAWN BY: AJB APPROVED BY: NPK DATE: 07/16/2021 SCALE: AS NOTED

$\square$	REVISIONS
REV. NO.	DESCRIPTION

## GENERAL NOTES

2. THE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS (SUDAS), 2020 EDITION, PLUS SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS AS PREPARED BY THE CITY OF CEDAR FALLS, PLUS PROJECT SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS AS PREPARED BY FEHR GRAHAM SHALL BE CONSIDERED A PART OF THESE DOCUMENTS AS IF BOUND HEREIN. OMIT ALL OF DIVISION 1 EXCEPT THAT LISTED IN THE PROJECT SUPPLEMENTAL SPECIFICATIONS. OMIT PARAGRAPH 1.08 MEASUREMENT FOR PAYMENT IN ALL SECTIONS.

3. ANY QUANTITIES SHOWN ON THE CIVIL SHEETS (PER SHEET INDEX ON SHEET CO.1) ARE TO ASSIST THE BIDDER. THE BIDDER/CONTRACTOR SHALL MAKE A FINAL DETERMINATION OF THE QUANTITIES REQUIRED TO COMPLETE THE WORK AND THE BID SHALL BE ON THE BASIS OF THE BIDDER/CONTRACTOR'S OWN CALCULATIONS. ANY COMMENT RELATED TO QUANTITY OR PAYMENT ON THE CIVIL SHEETS IS SOLELY PROVIDED TO ASSIST THE BIDDER/CONTRACTOR IN THE PREPARATION OF BIDDING AND SHALL NOT BE CAUSE FOR CHANGE ORDER REQUEST.

5. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE ENGINEERING DEPARTMENTS AND UTILITY COMPANIES PRIOR TO CONSTRUCTION. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO AVOID DAMAGE TO ANY EXISTING UTILITY. IOWA CODE 480. UNDERGROUND FACILITIES INFORMATION. REQUIRES NOTICE TO IOWA ONE CALL (1-800-292-8989) NOT LESS THAN 48 HOURS

6. THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND ROCK ELEVATIONS ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES AND ROCK ELEVATIONS BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES AND

7. THE CONTRACTOR SHALL VISIT THE SITE AND INSPECT THE PROJECT AREA AND THOROUGHLY FAMILIARIZE HIMSELF WITH THE ACTUAL JOB CONDITIONS PRIOR TO BIDDING AND THE START

8. THE CONTRACTOR SHALL VERIFY AT THE SITE, ALL DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS, AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES, OMISSIONS,

9. THE CONTRACTOR SHALL NOT SCALE DRAWINGS. DIMENSIONS SHALL GOVERN. LARGE SCALE DRAWINGS SHALL GOVERN OVER SMALL SCALE DRAWINGS. NOTES AND DETAILS ON THE

11. CONTRACTOR SHALL PROTECT EXISTING FACILITIES, BUILDINGS, AND OTHER APPURTENANCES NOT TO BE REMOVED FROM THE SITE DURING THE CONSTRUCTION ACTIVITIES.

12. CONTRACTOR SHALL CONFINE HIS WORK TO THE CONSTRUCTION LIMITS AND EASEMENTS. IF THE CONTRACTOR OBTAINS ADDITIONAL EASEMENT FOR THE STORAGE OF EQUIPMENT AND

13. CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE AND STAGING PLAN A MINIMUM OF TWO (2) DAYS PRIOR TO THE PRECONSTRUCTION MEETING.

14. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ACCESS TO INDIVIDUAL PROPERTIES DURING CONSTRUCTION WHENEVER PRACTICAL. CONTRACTOR SHALL NOTIFY RESIDENTS OF ACCESS

15. CONTRACTOR SHALL SUBMIT FOR ACCEPTANCE WORK PLANS AND SCHEDULES FOR ACCOMPLISHMENT OF TEMPORARY AND PERMANENT EROSION CONTROL PRIOR TO THE START OF

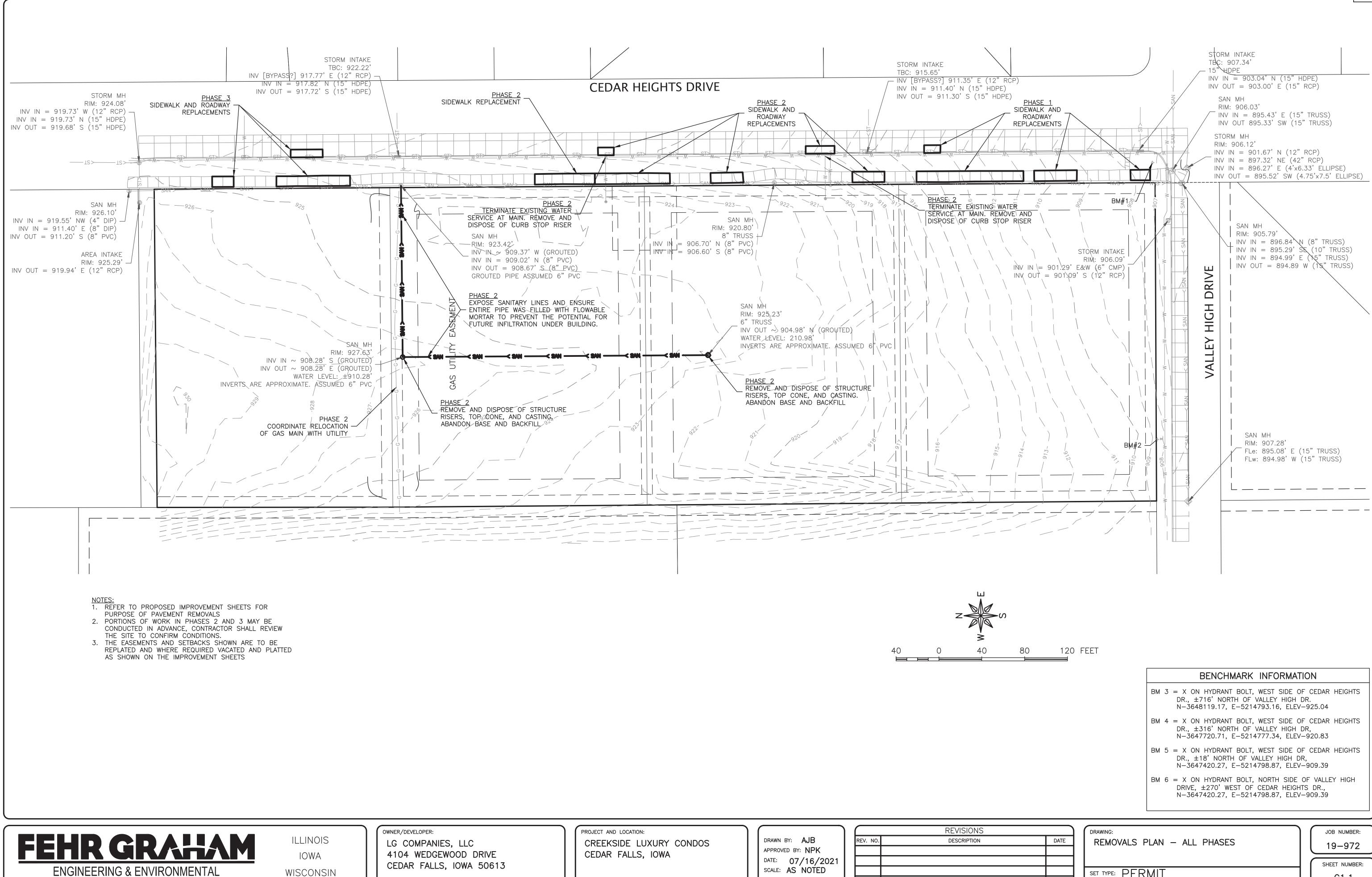
16. CONTRACTOR SHALL COORDINATE TEMPORARY DISRUPTION OF UTILITY SERVICES WITH THE CITY OF CEDAR FALLS, AFFECTED UTILITY COMPANIES AND/OR AFFECTED PROPERTY OWNERS WHEN

DATE

TRAFFIC NOTES	CONTROL	PLAN	AND	GENERAL	
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19-972	
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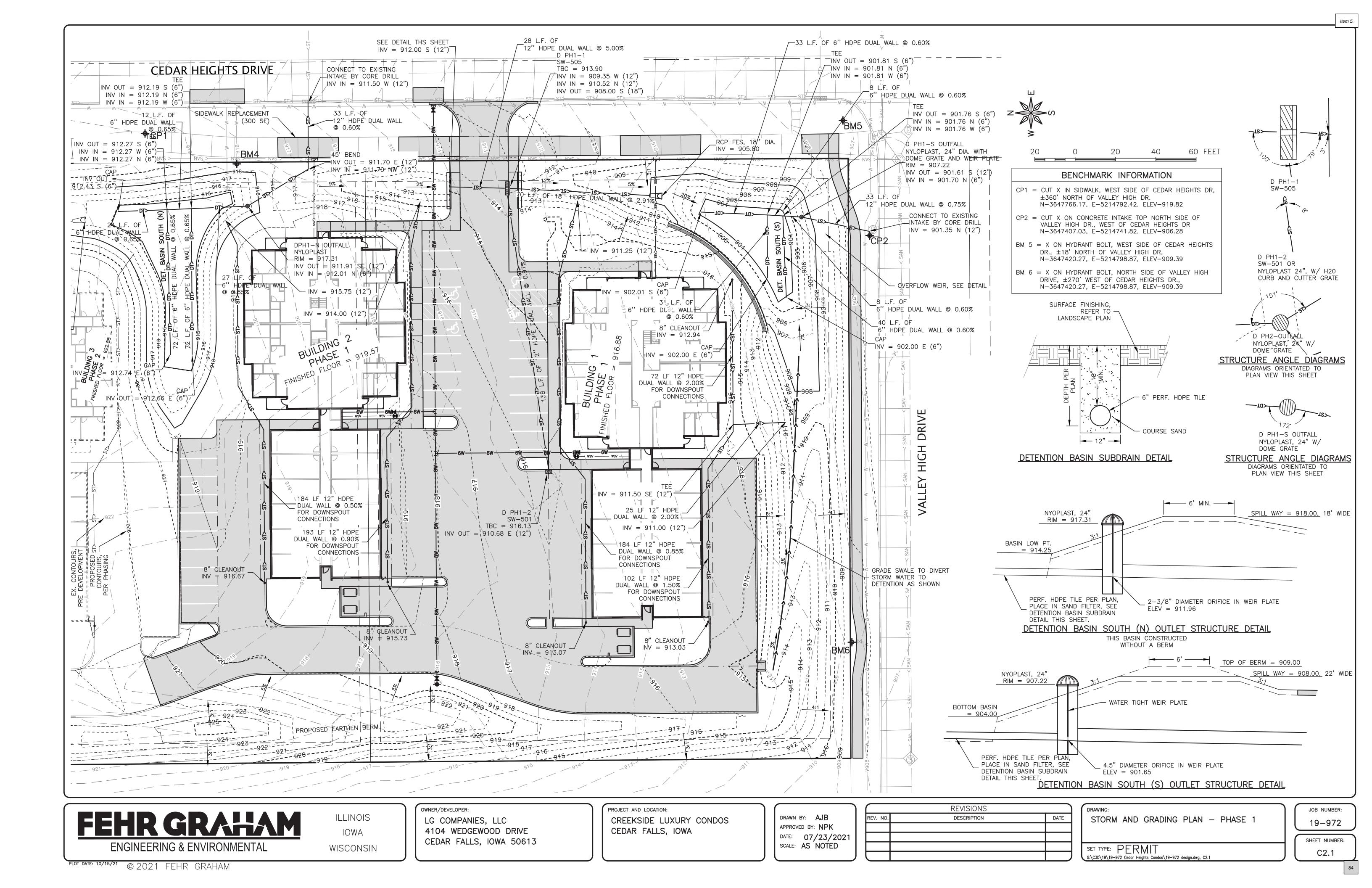
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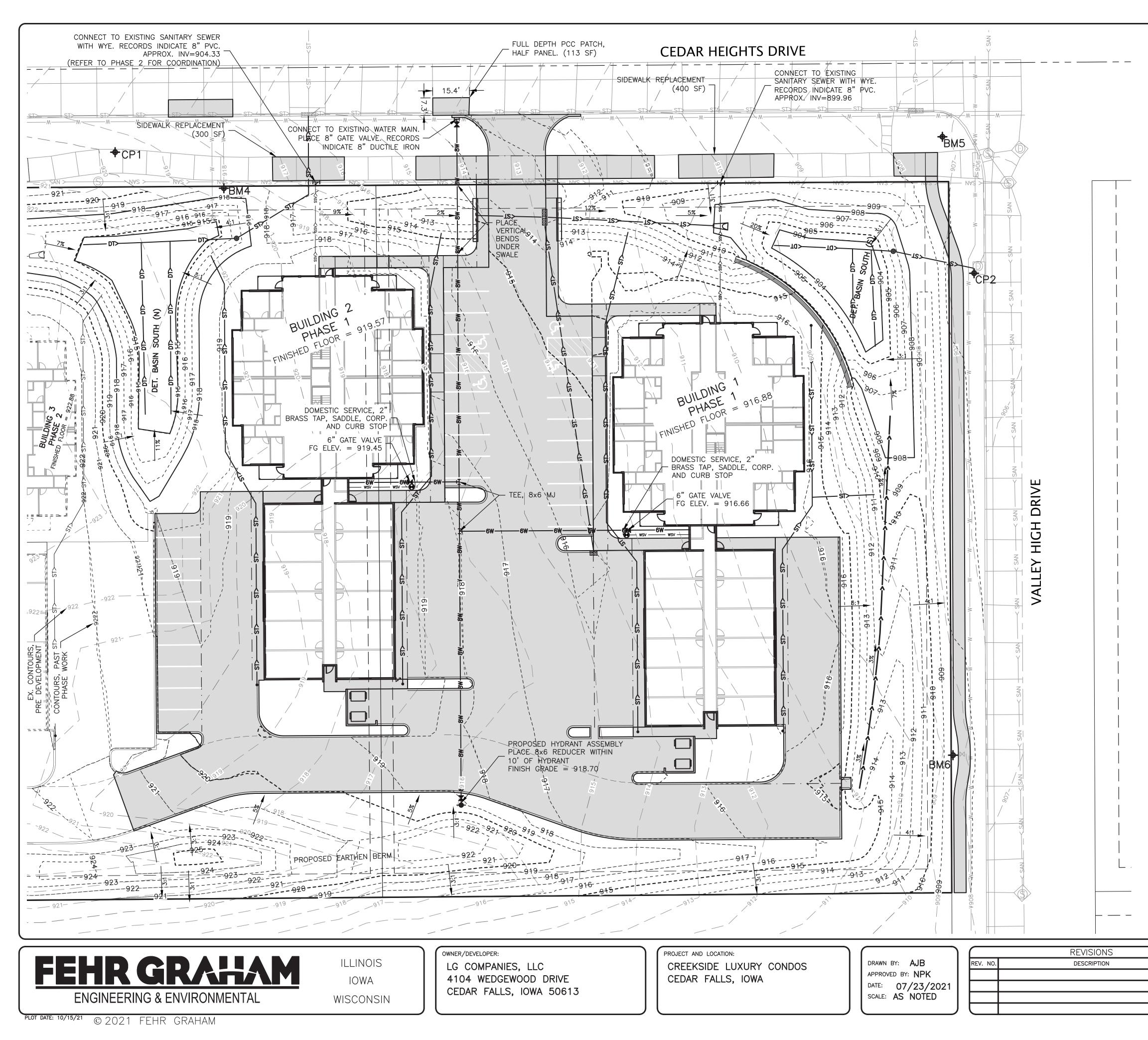
	BENCHMARK INFORMATION
BM 3	$3 = X$ ON HYDRANT BOLT, WEST SIDE OF CEDAR HEIGHTS DR., $\pm 716$ ' NORTH OF VALLEY HIGH DR. N $-3648119.17$ , E $-5214793.16$ , ELEV $-925.04$
BM 4	A = X ON HYDRANT BOLT, WEST SIDE OF CEDAR HEIGHTS DR., ±316' NORTH OF VALLEY HIGH DR, N-3647720.71, E-5214777.34, ELEV-920.83
BM 5	5 = X ON HYDRANT BOLT, WEST SIDE OF CEDAR HEIGHTS DR., $\pm 18'$ NORTH OF VALLEY HIGH DR, N $-3647420.27$ , E $-5214798.87$ , ELEV $-909.39$
BM 6	S = X ON HYDRANT BOLT, NORTH SIDE OF VALLEY HIGH DRIVE, ±270' WEST OF CEDAR HEIGHTS DR., N-3647420.27, E-5214798.87, ELEV-909.39

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DRAWING:	JOB NUMBER:
REMOVALS PLAN – ALL PHASES	19-972
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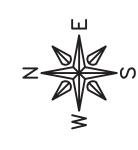
ltem 5.





NOTES:

- 1. COORDINATE WATER AND SANITARY SERVICE LOCATIONS AT BUILDING WITH ARCHITECTURAL DRAWINGS, BY OTHERS.
- 2. VERIFY SANITARY AND WATER SERVICE SIZE WITH MEP PRIOR TO ORDERING OF MATERIAL AND START OF CONSTRUCTION. SIZES NOTED IN THIS PLAN ARE ASSUMED.
- 3. WATER MAIN INSTALLATION SHALL CONFORM WITH MUNICIPAL WATER UTILITY OF THE CITY OF CEDAR FALLS, IOWA. WATER MAIN MATERIALS AND INSTALLATION OF WATER MAINS AND THEIR APPURTENANCES STANDARDS. FOR IMPROVEMENTS TO THE CURRENT CEDAR FALLS MUNICIPAL WATER DISTRIBUTION.
- CONTRACTOR SHALL FIELD VERIFY LOCATION, ELEVATION, AND MATERIAL OF ALL WATER, STORM, AND SANITARY CONNECTIONS.
   PORTIONS OF PAVING NOTED AS 'FULL DEPTH PATCH' OR 'SIDEWALK REPLACEMENT' ARE
- 5. PORTIONS OF PAVING NOTED AS FULL DEPTH PATCH OR SIDEWALK REPLACEMENT ARE FOR UTILITY CONNECTIONS AND MAY REQUIRE MORE OR LESS AREA DEPENDING ON FIELD CONDITIONS. AREAS SHOWN ARE AN ESTIMATE. SIDEWALK SHALL BE REMOVED AT FULL PANELS. ROADWAY SHALL BE REMOVED AS SHOWN IN THE PLANS OR AS APPROVED BY THE JURISDICTION.
- 6. ACTUAL CONDITIONS OF EXISTING AND PHASED CONTOURS SHOWN ARE SUBJECT TO THE WORK THAT TOOK PLACE DURING THOSE PHASES. CONDITIONS PRIOR TO COMMENCEMENT OF WORK FOR CURRENT PHASE GOVERN.
- TERMINATION OF 1.5" WATER SERVICE INCLUDES PLUGGING AT MAIN AND REMOVAL OF CURB STOP RISER.
   CONFIRM LOCATION OF WATER AND SANITARY SERVICE CONNECTION LOCATIONS TO
- 8. CONFIRM LOCATION OF WATER AND SANITARY SERVICE CONNECTION LOCATIONS TO BUILDING WITH MEP PRIOR TO CONSTRUCTION OF THOSE ITEMS.



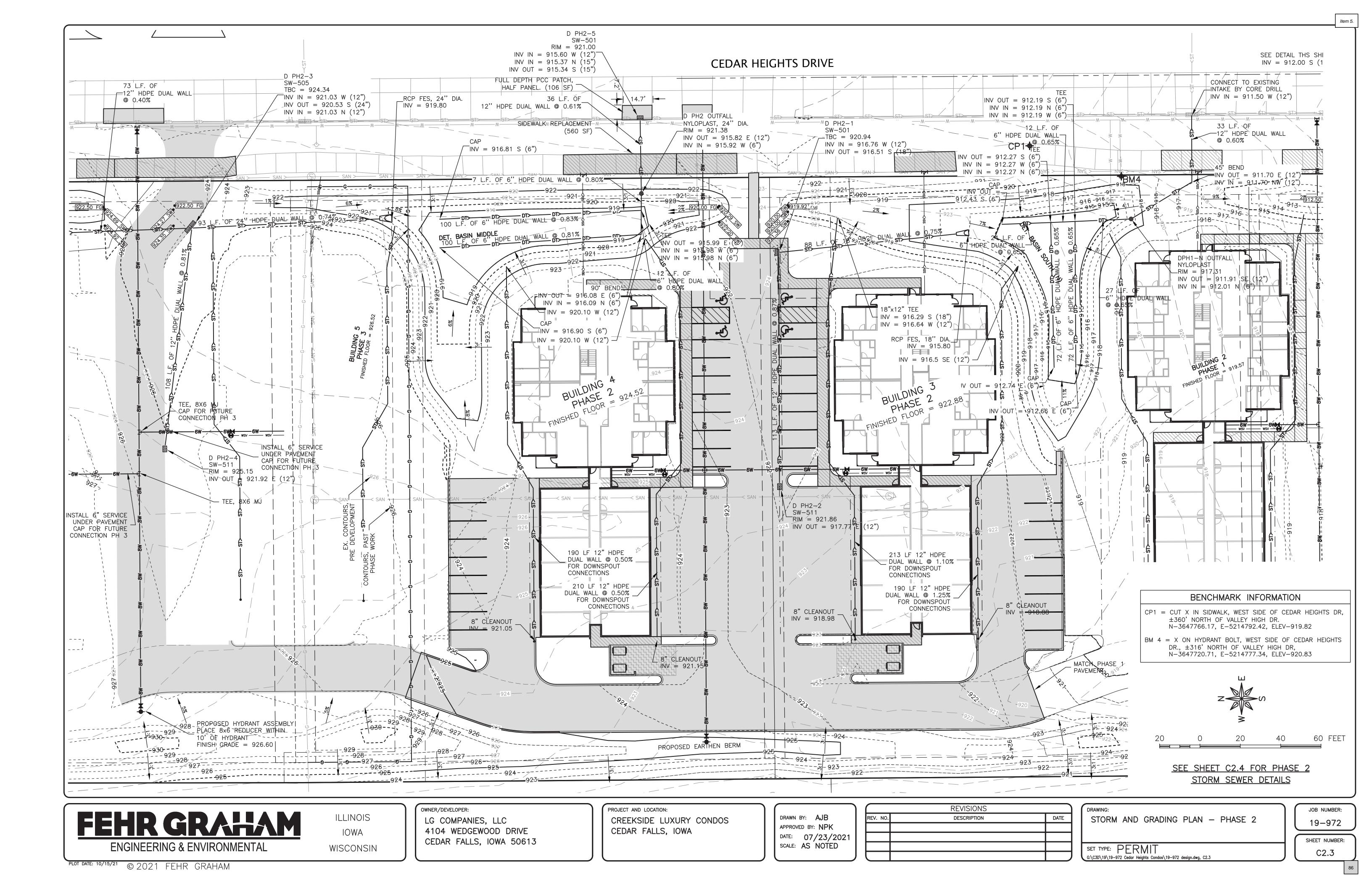
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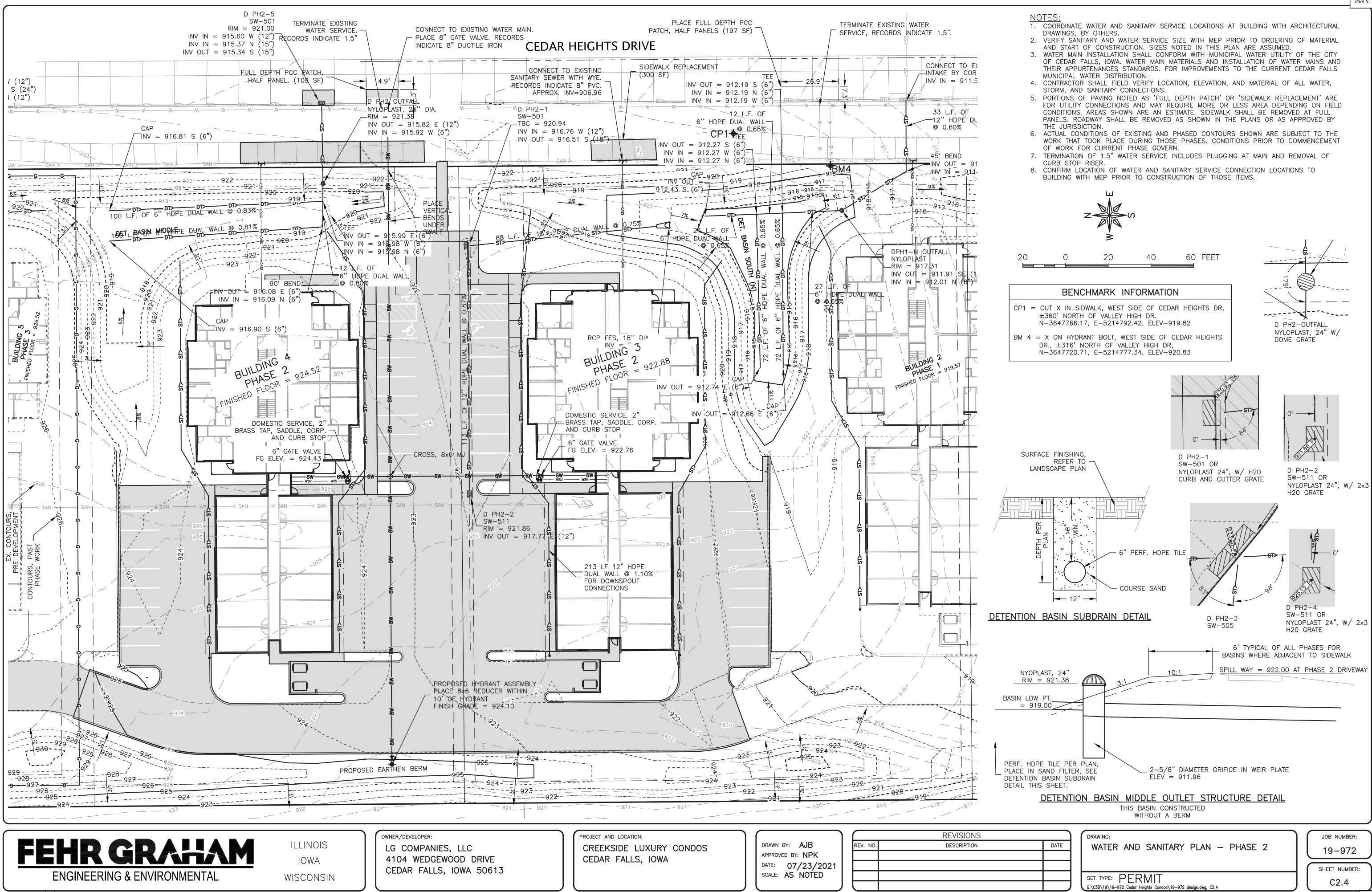
## BENCHMARK INFORMATION

- CP1 = CUT X IN SIDWALK, WEST SIDE OF CEDAR HEIGHTS DR,  $\pm 360'$  NORTH OF VALLEY HIGH DR. N-3647766.17, E-5214792.42, ELEV-919.82
- CP2 = CUT X ON CONCRETE INTAKE TOP NORTH SIDE OF VALLEY HIGH DR., WEST OF CEDAR HEIGHTS DR N-3647407.03, E-5214741.82, ELEV-906.28
- BM 5 = X ON HYDRANT BOLT, WEST SIDE OF CEDAR HEIGHTS
   DR., ±18' NORTH OF VALLEY HIGH DR,
   N-3647420.27, E-5214798.87, ELEV-909.39
- BM 6 = X ON HYDRANT BOLT, NORTH SIDE OF VALLEY HIGH DRIVE,  $\pm 270^{\circ}$  WEST OF CEDAR HEIGHTS DR., N-3647420.27, E-5214798.87, ELEV-909.39

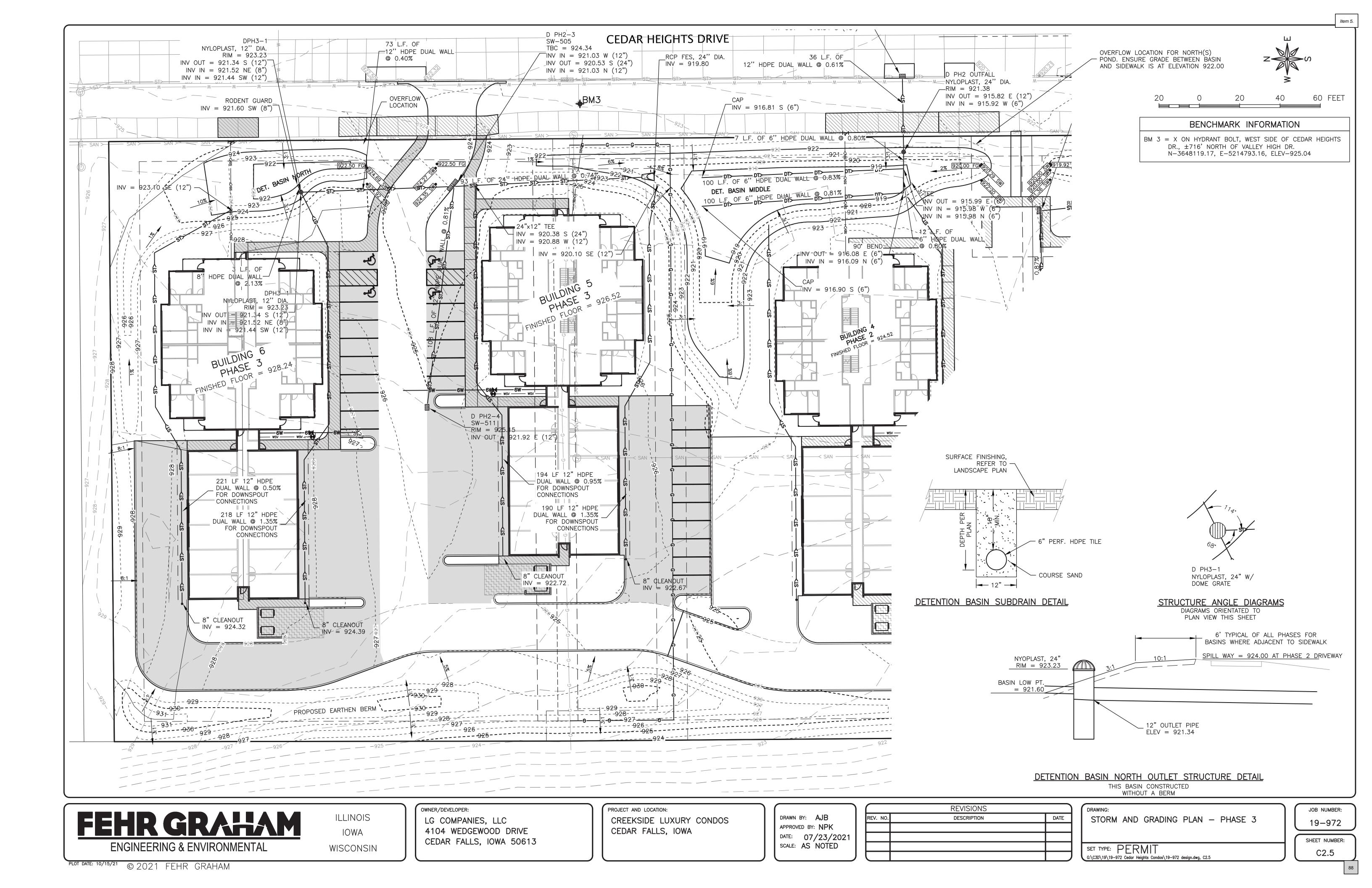
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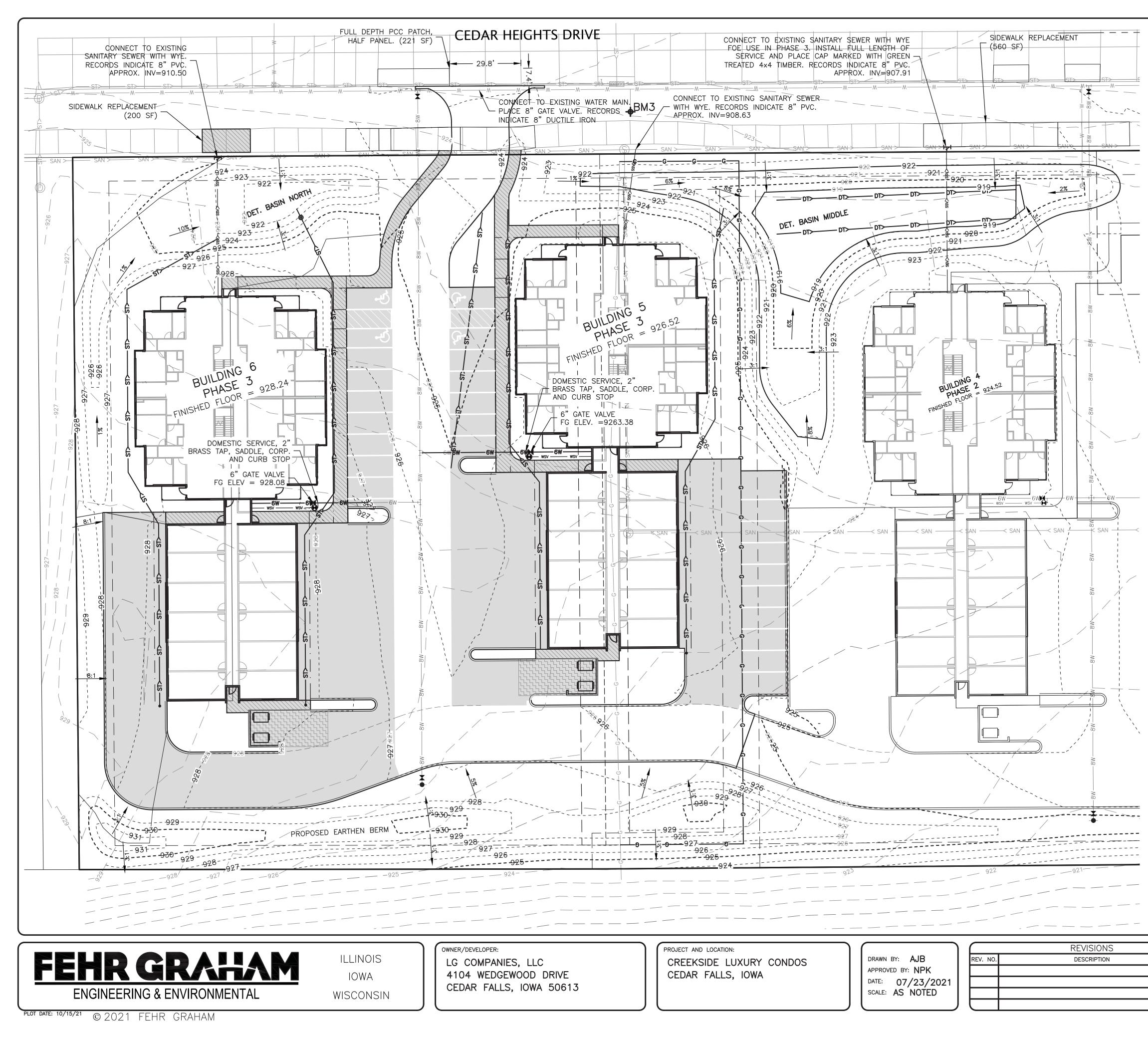
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WATER AND SANITARY PLAN – PHASE 1	19-972
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#### NOTES:

- 1. COORDINATE WATER AND SANITARY SERVICE LOCATIONS AT BUILDING WITH ARCHITECTURAL DRAWINGS, BY OTHERS.
- VERIFY SANITARY AND WATER SERVICE SIZE WITH MEP PRIOR TO ORDERING OF MATERIAL AND START OF CONSTRUCTION. SIZES NOTED IN THIS PLAN ARE ASSUMED.
   WATER MAIN INSTALLATION SHALL CONFORM WITH MUNICIPAL WATER UTILITY OF THE CITY OF CEDAR FALLS, IOWA. WATER MAIN MATERIALS AND INSTALLATION OF WATER MAINS AND
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- WORK THAT TOOK PLACE DURING THOSE PHASES. CONDITIONS PRIOR TO COMMENCEMENT OF WORK FOR CURRENT PHASE GOVERN. 7. TERMINATION OF 1.5" WATER SERVICE INCLUDES PLUGGING AT MAIN AND REMOVAL OF
- CURB STOP RISER. 8. CONFIRM LOCATION OF WATER AND SANITARY SERVICE CONNECTION LOCATIONS TO BUILDING WITH MEP PRIOR TO CONSTRUCTION OF THOSE ITEMS.

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### BENCHMARK INFORMATION

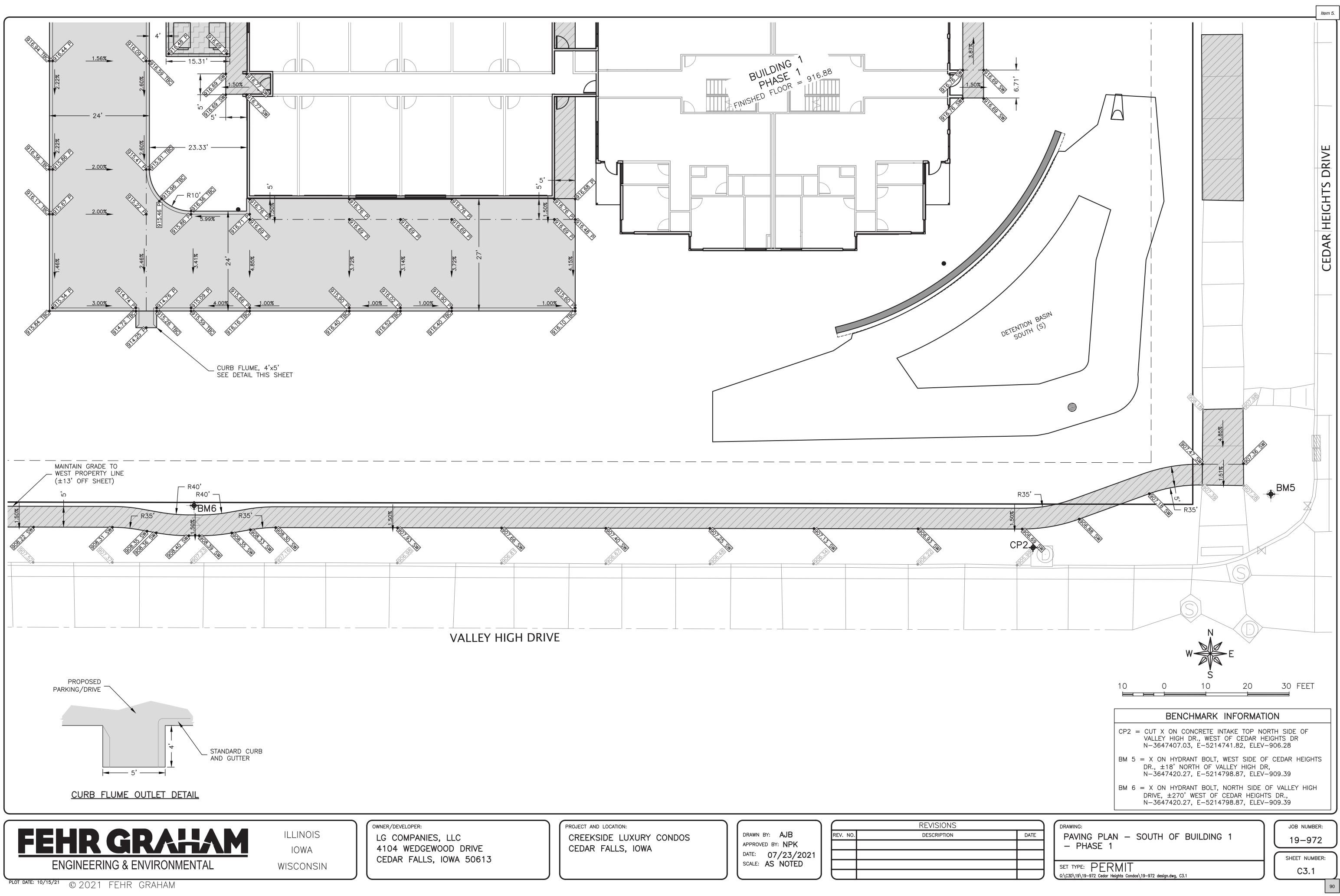
BM 3 = X ON HYDRANT BOLT, WEST SIDE OF CEDAR HEIGHTS DR.,  $\pm$ 716' NORTH OF VALLEY HIGH DR. N-3648119.17, E-5214793.16, ELEV-925.04

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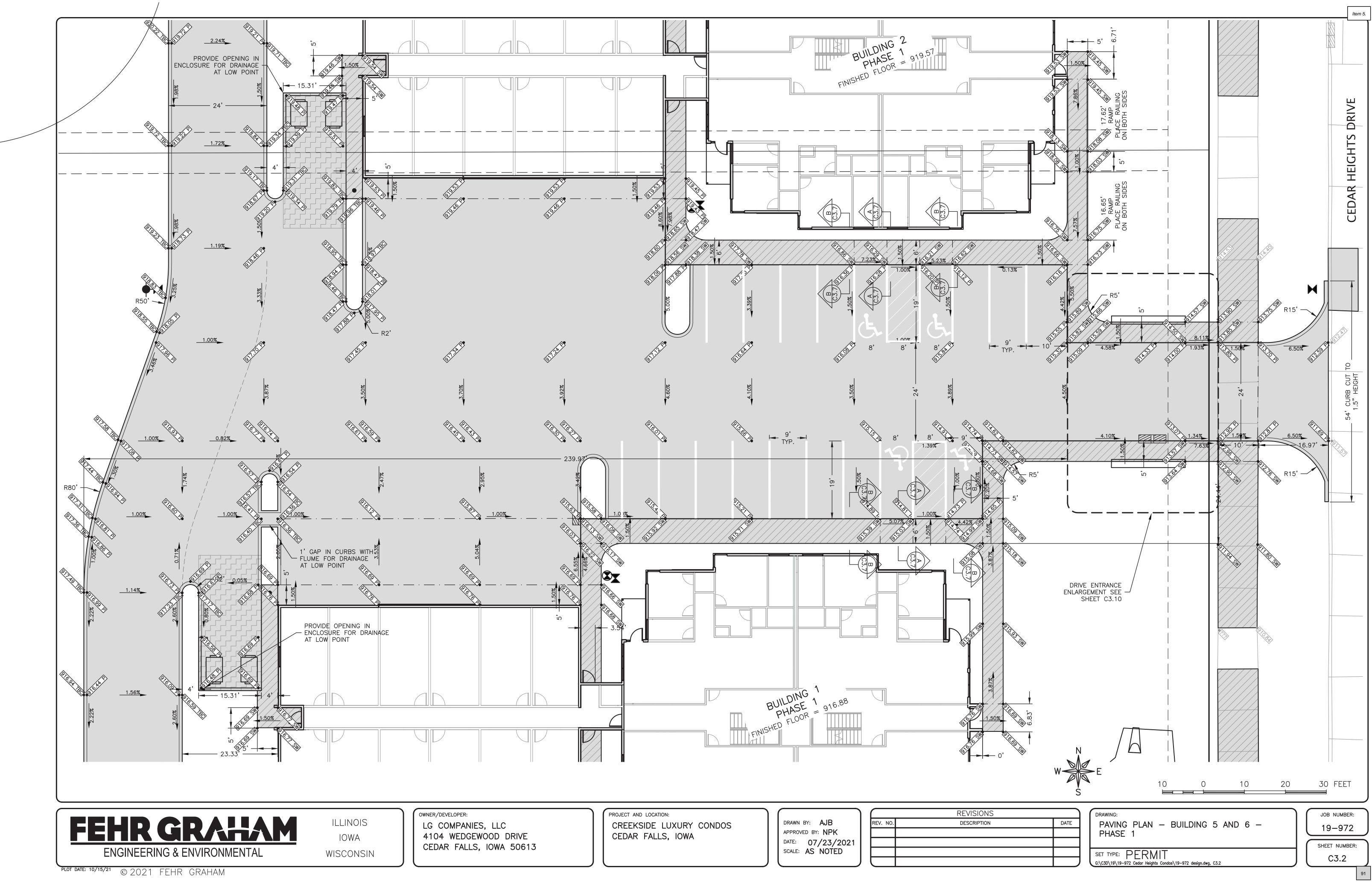
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WATER AND SANITARY PLAN – PHASE 3	19-972
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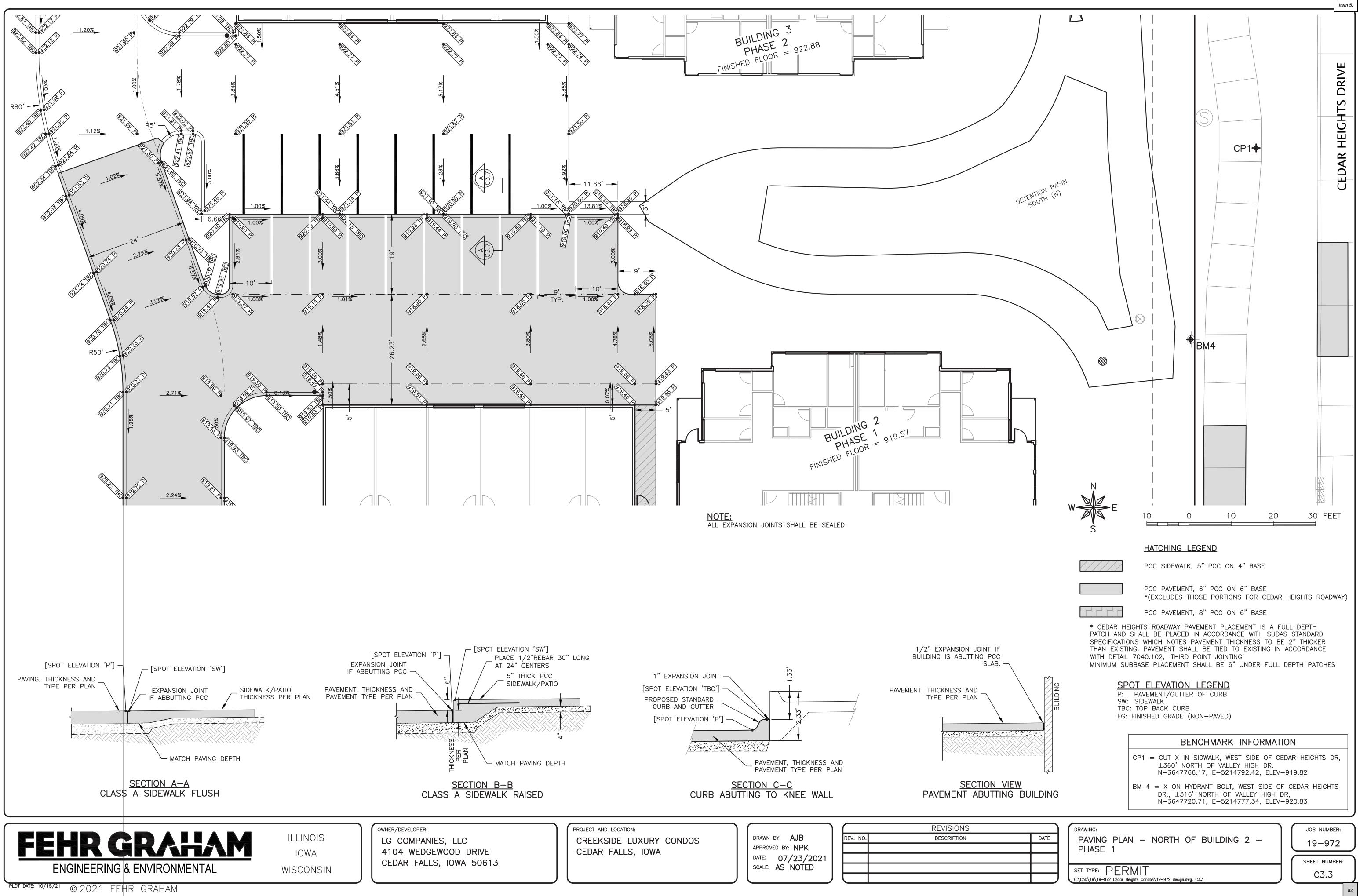




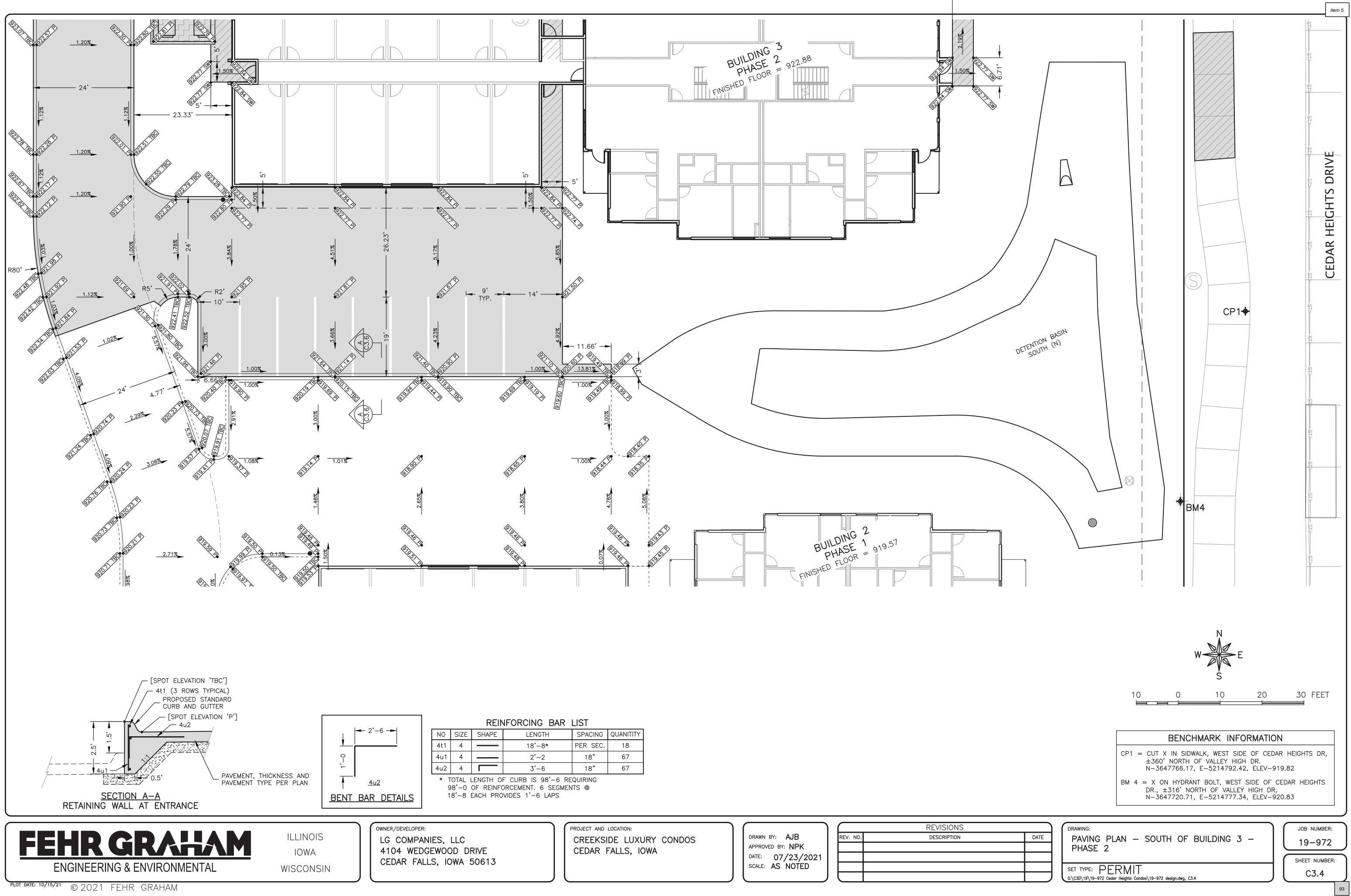
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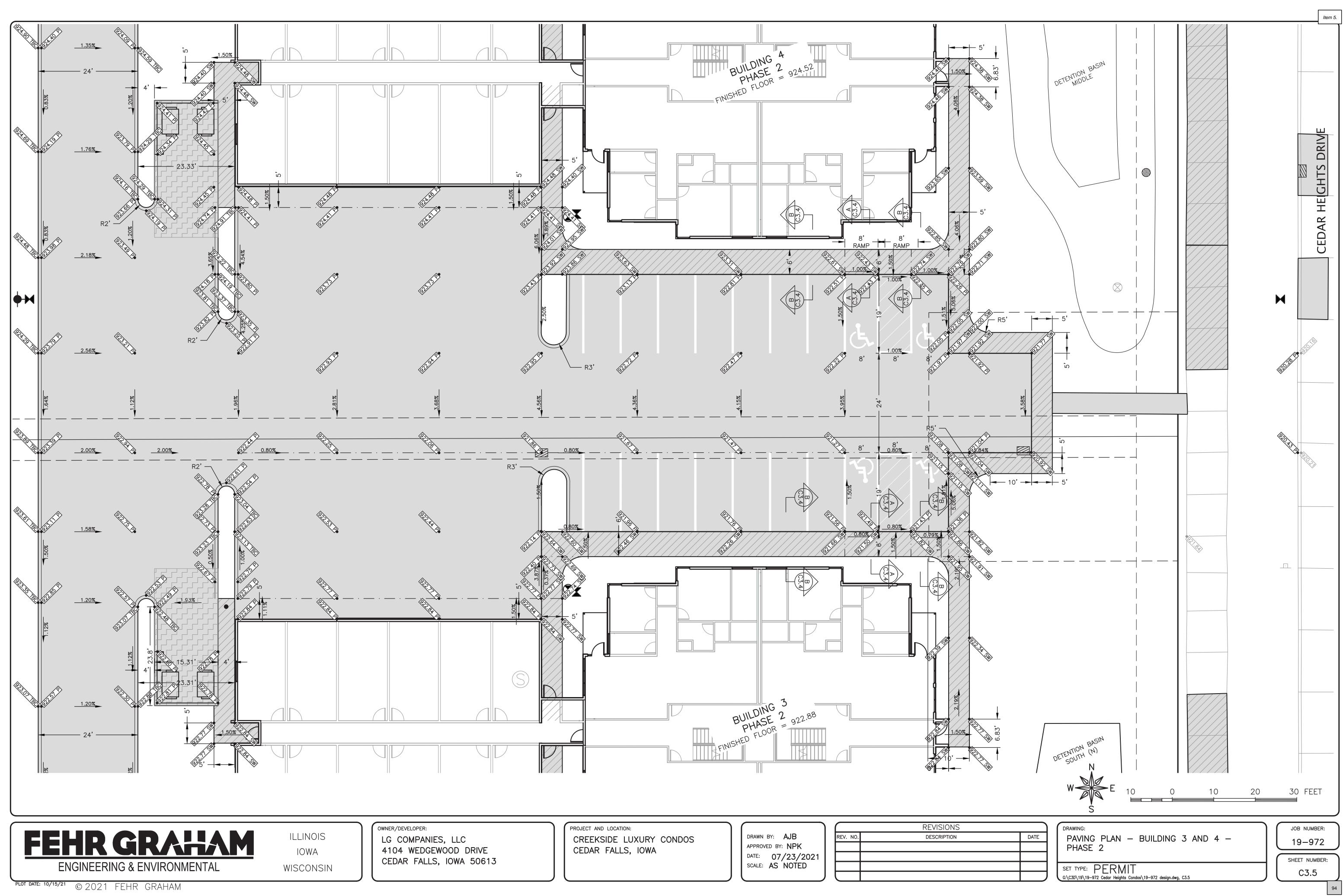


ZE	SHAPE	LENGTH	SPACING	QUANITITY
4		18'-8*	PER SEC.	18
4		2'-2	18"	67
4		3'-6	18"	67

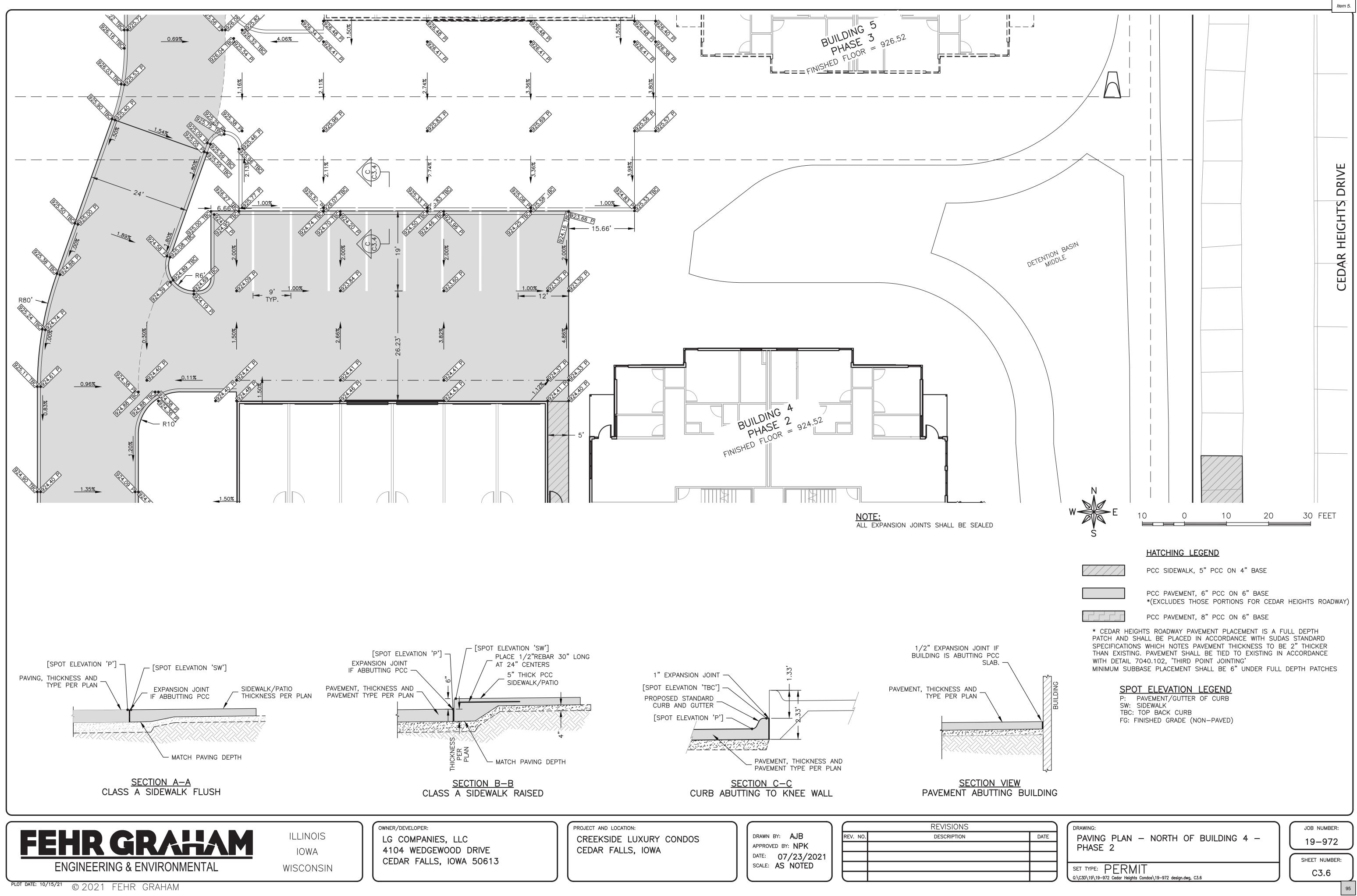
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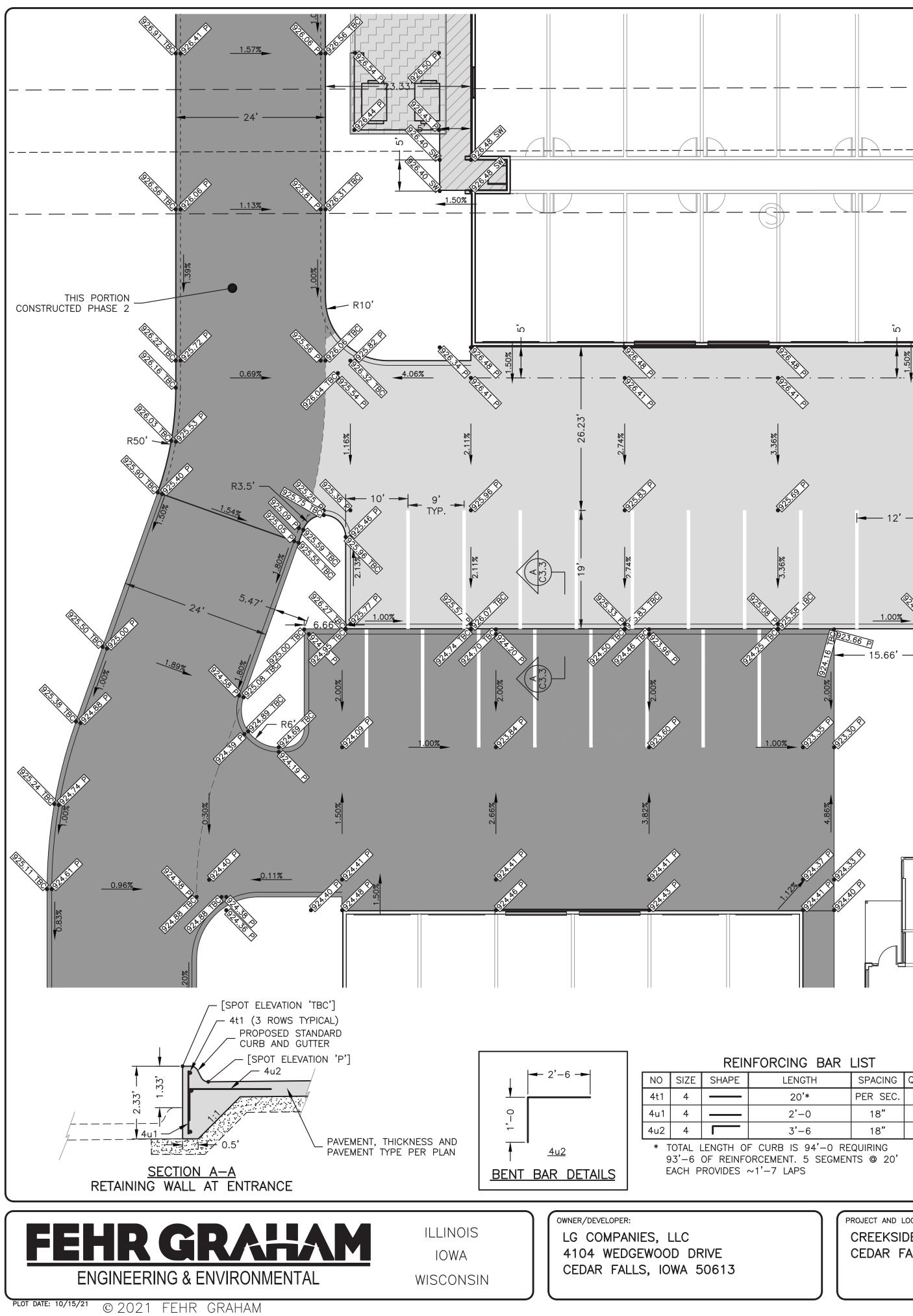






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PROJECT AND LOCATION: CREEKSIDE LUXURY CONDOS CEDAR FALLS, IOWA

DRAWN BY: AJB APPROVED BY: NPK DATE: 07/23/2021 SCALE: AS NOTED

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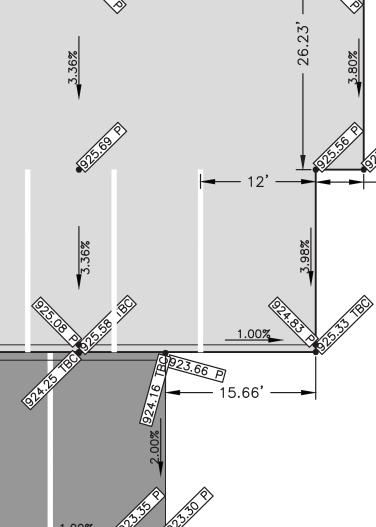
REINFORCING BAR LIST				
SIZE	SHAPE	LENGTH	SPACING	QUANITITY
4		20'*	PER SEC.	15
4		2'-0	18"	64
4		3'-6	18"	64

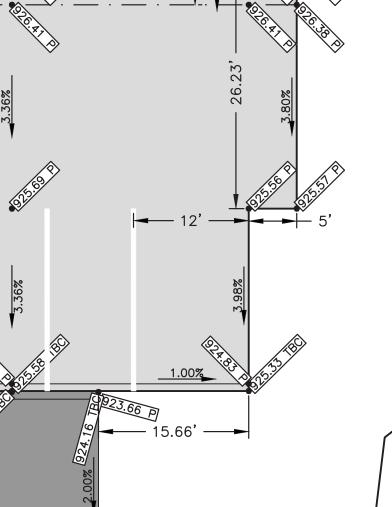
	EENOITI		Q 07 11 11
4	20'*	PER SEC.	15
4	2'-0	18"	64
4	3'-6	18"	64

\* TOTAL LENGTH OF CURB IS 94'-0 REQUIRING

93'-6 OF REINFORCEMENT. 5 SEGMENTS @ 20' EACH PROVIDES  $\sim$ 1'-7 LAPS

1.121 and	24.31 8 824.33	<u>﴾</u>	
1.1.210	Ath Part A	(Y) II	

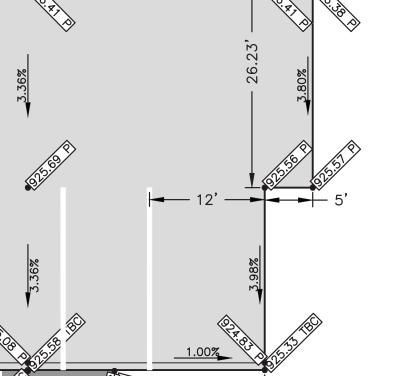


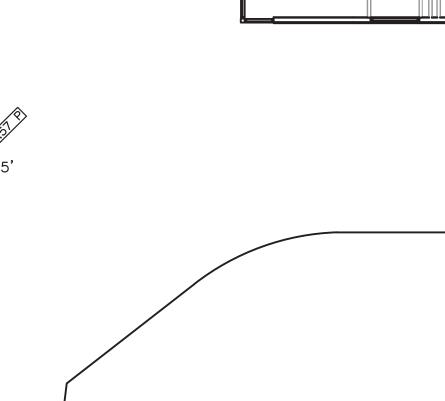


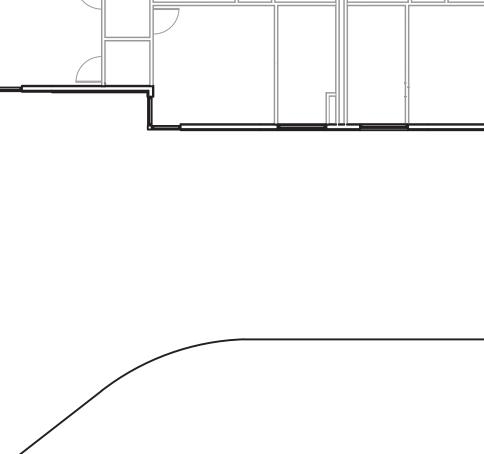
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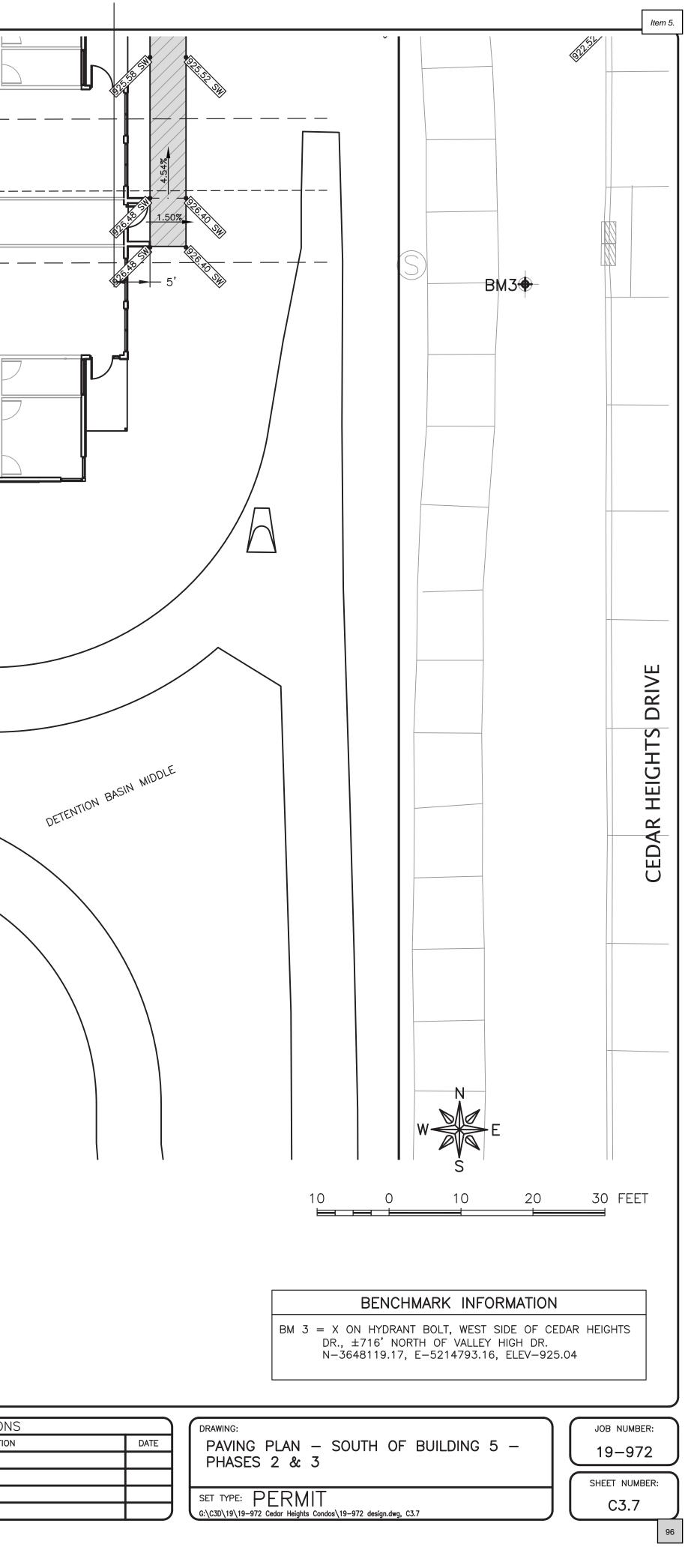
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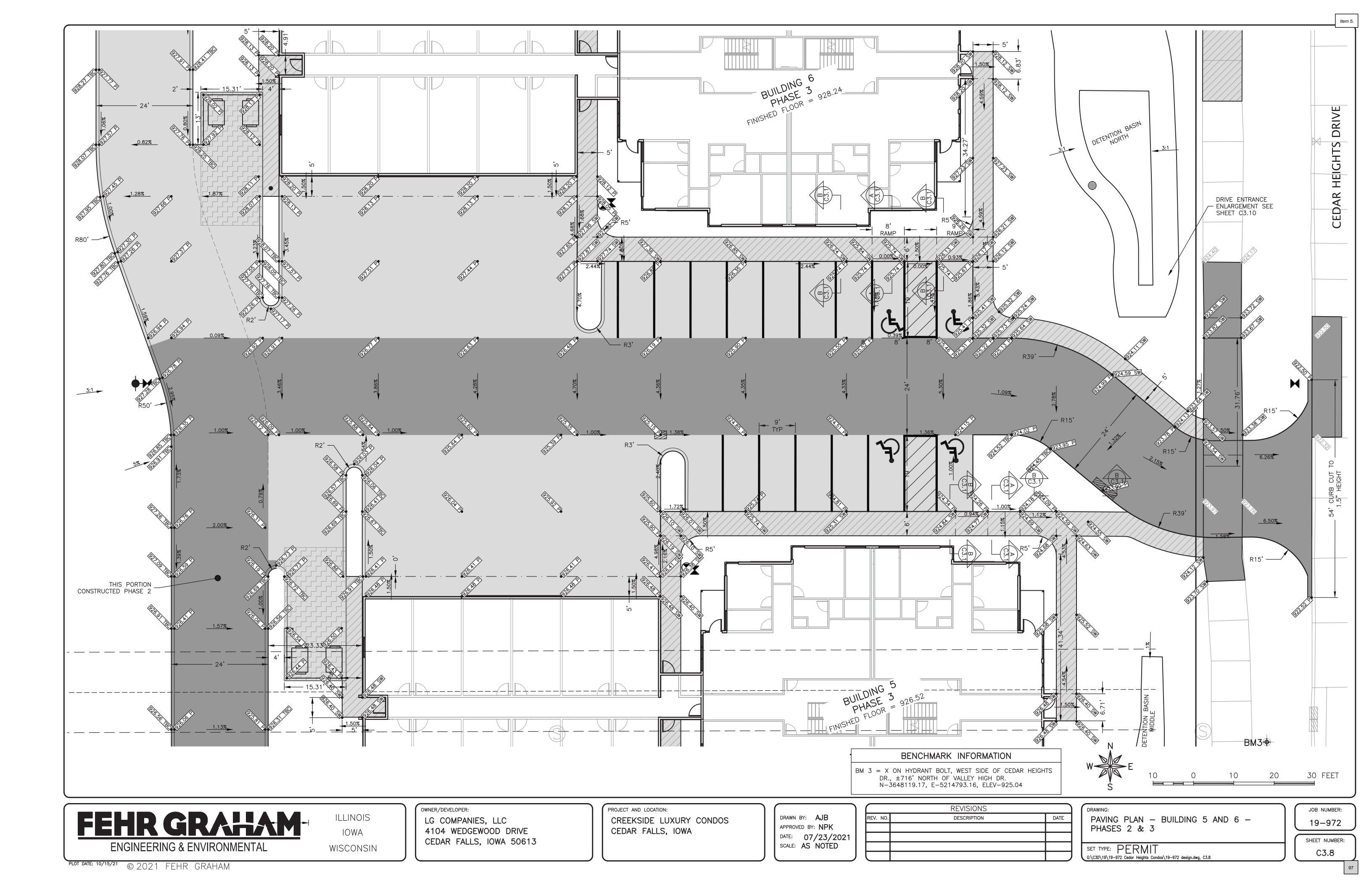


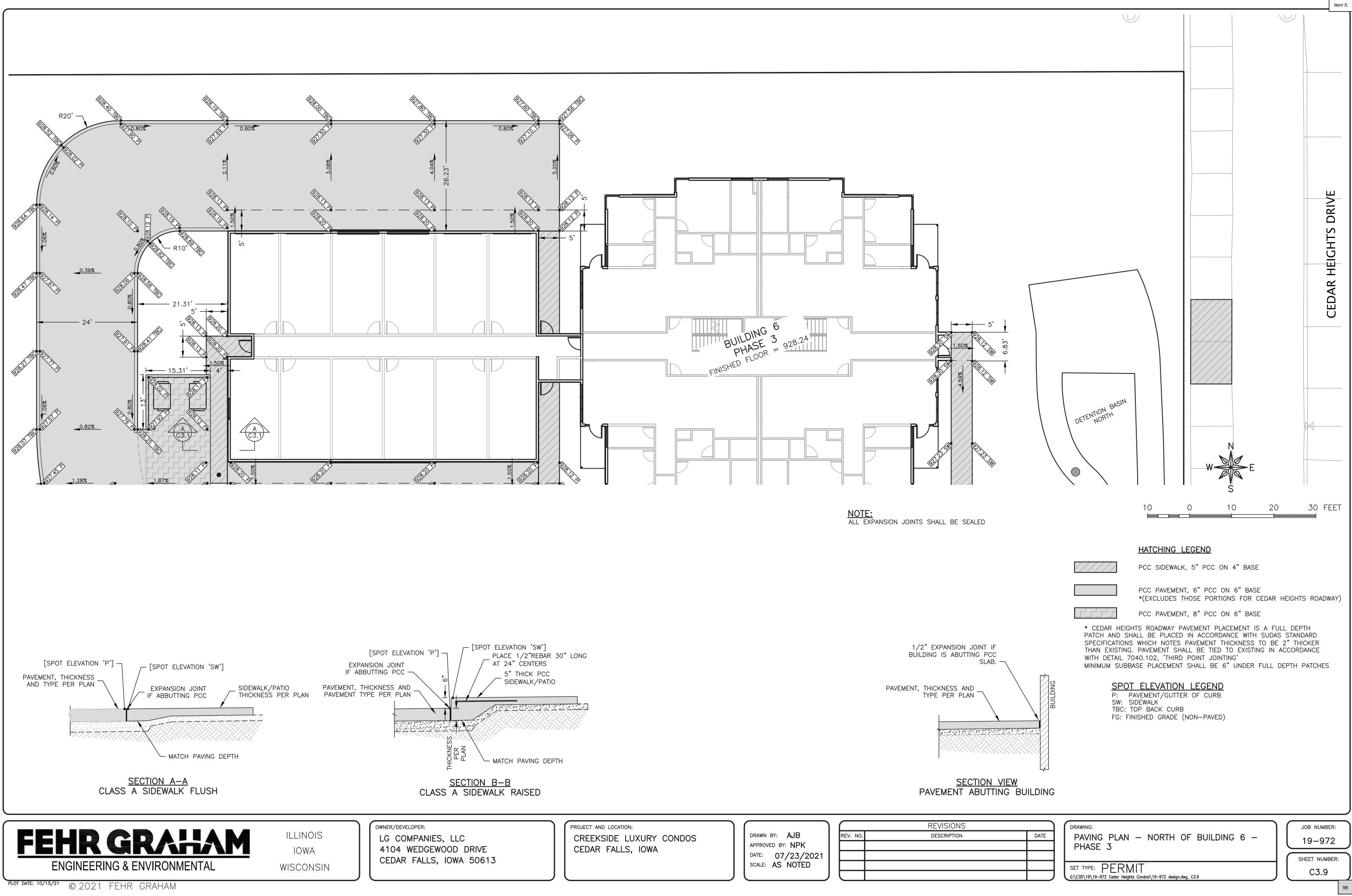




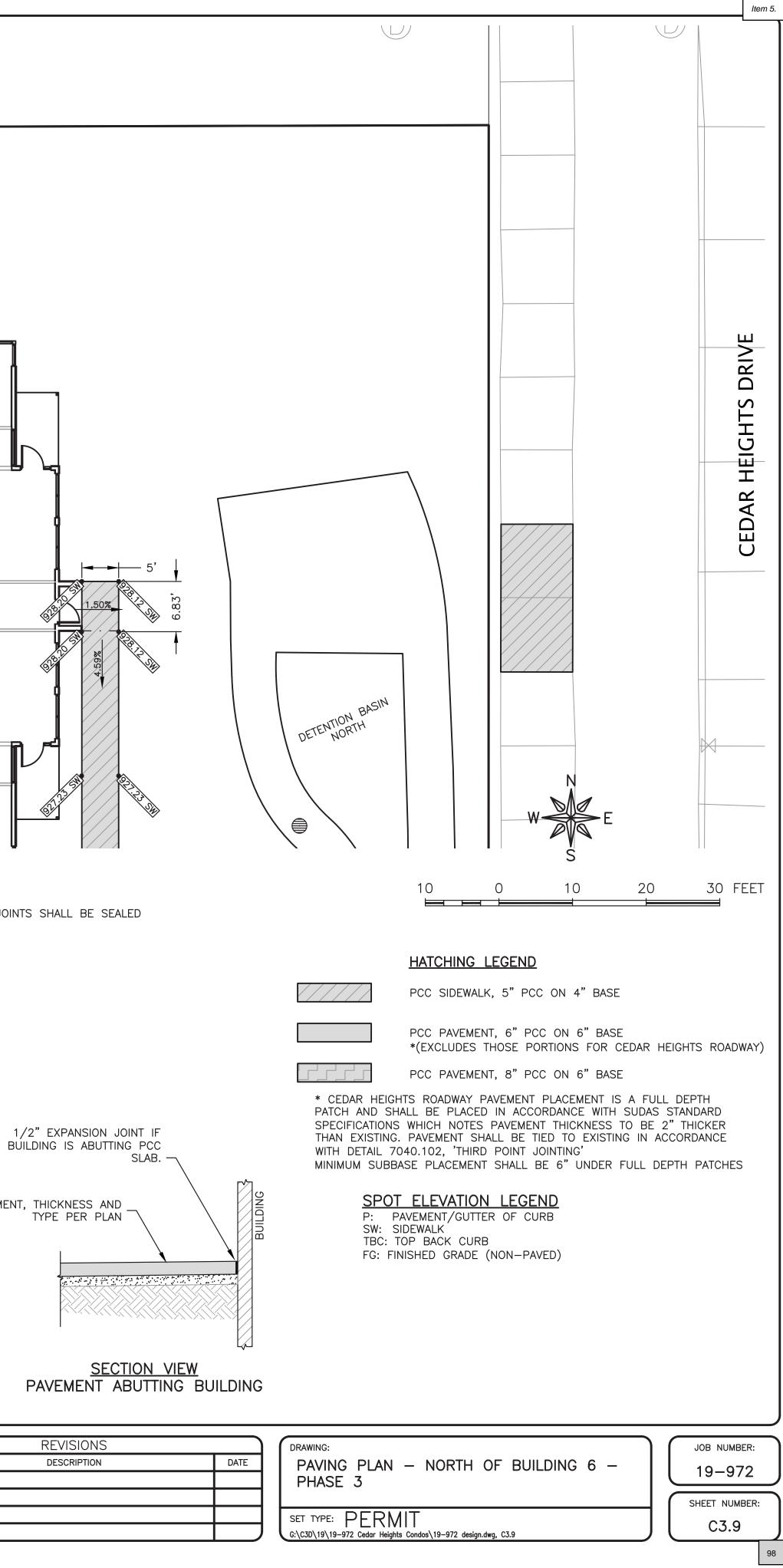
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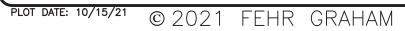


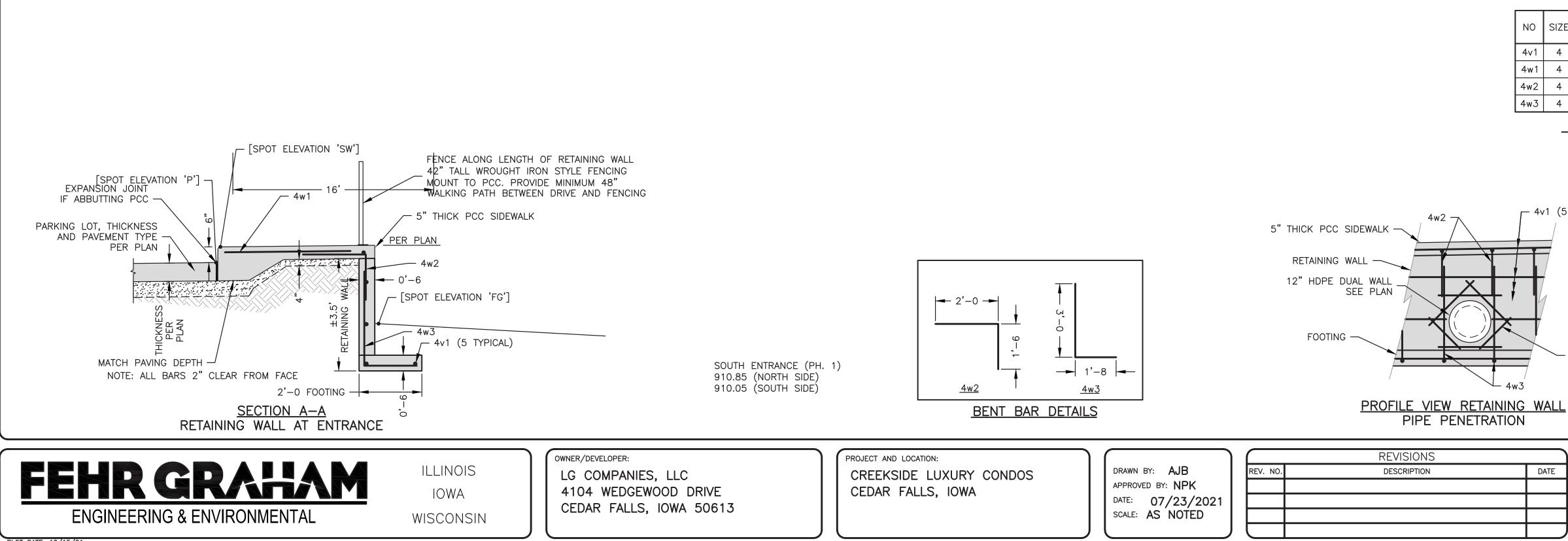




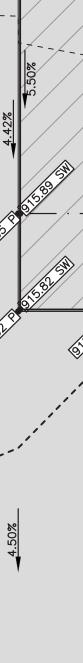
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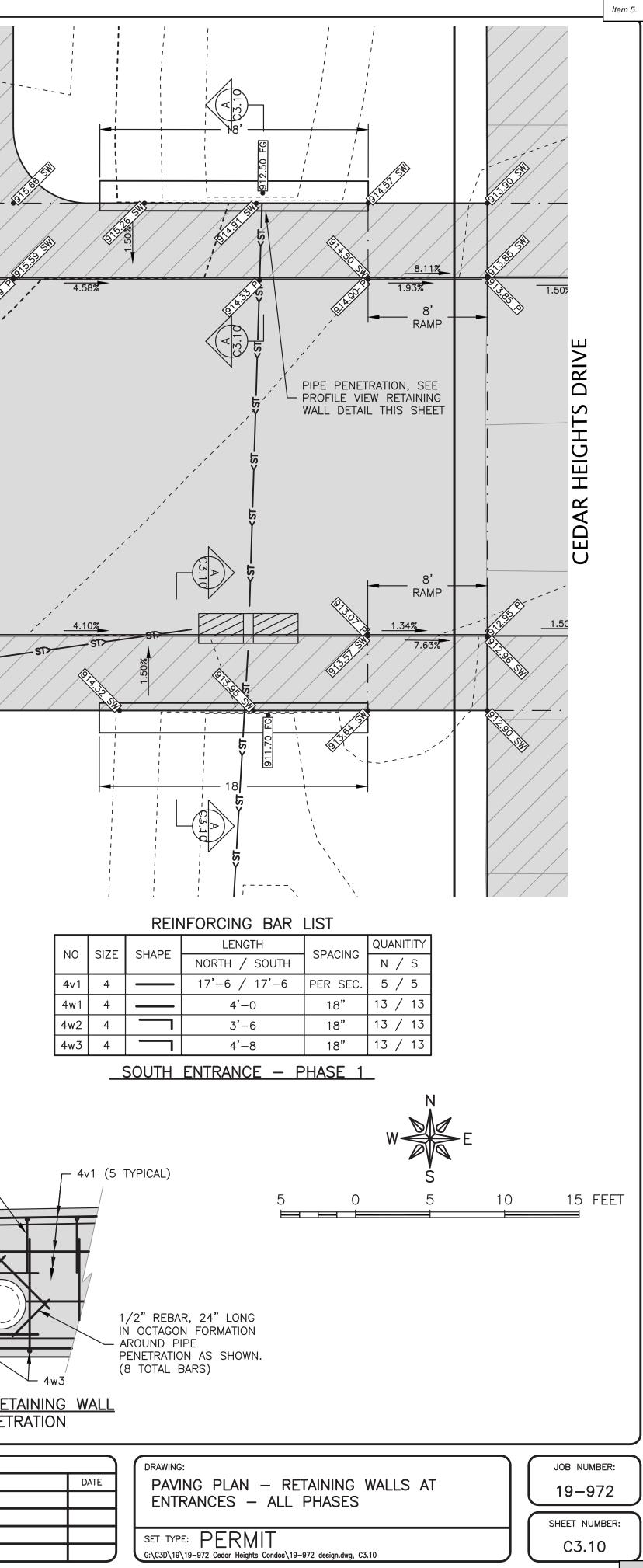


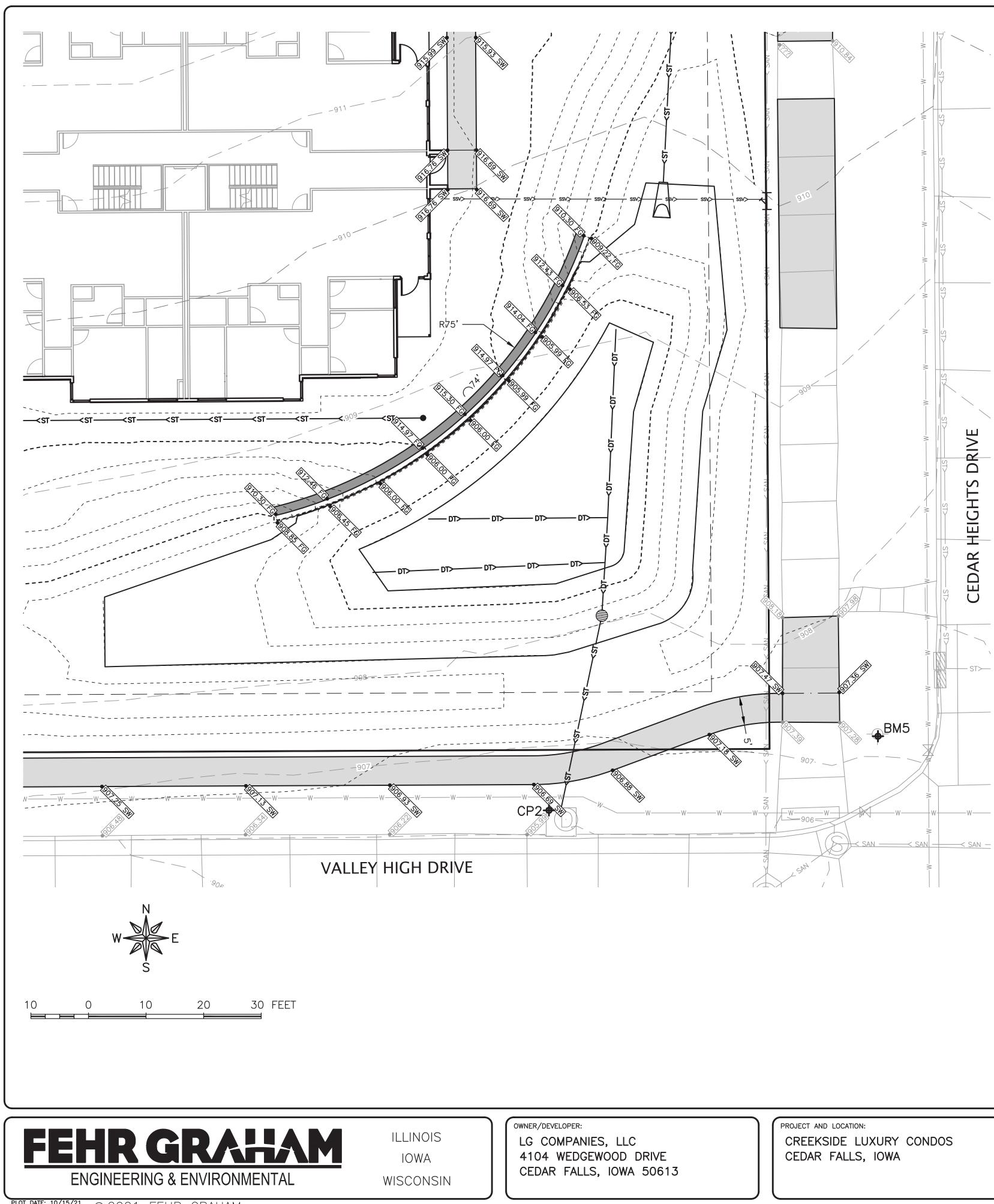




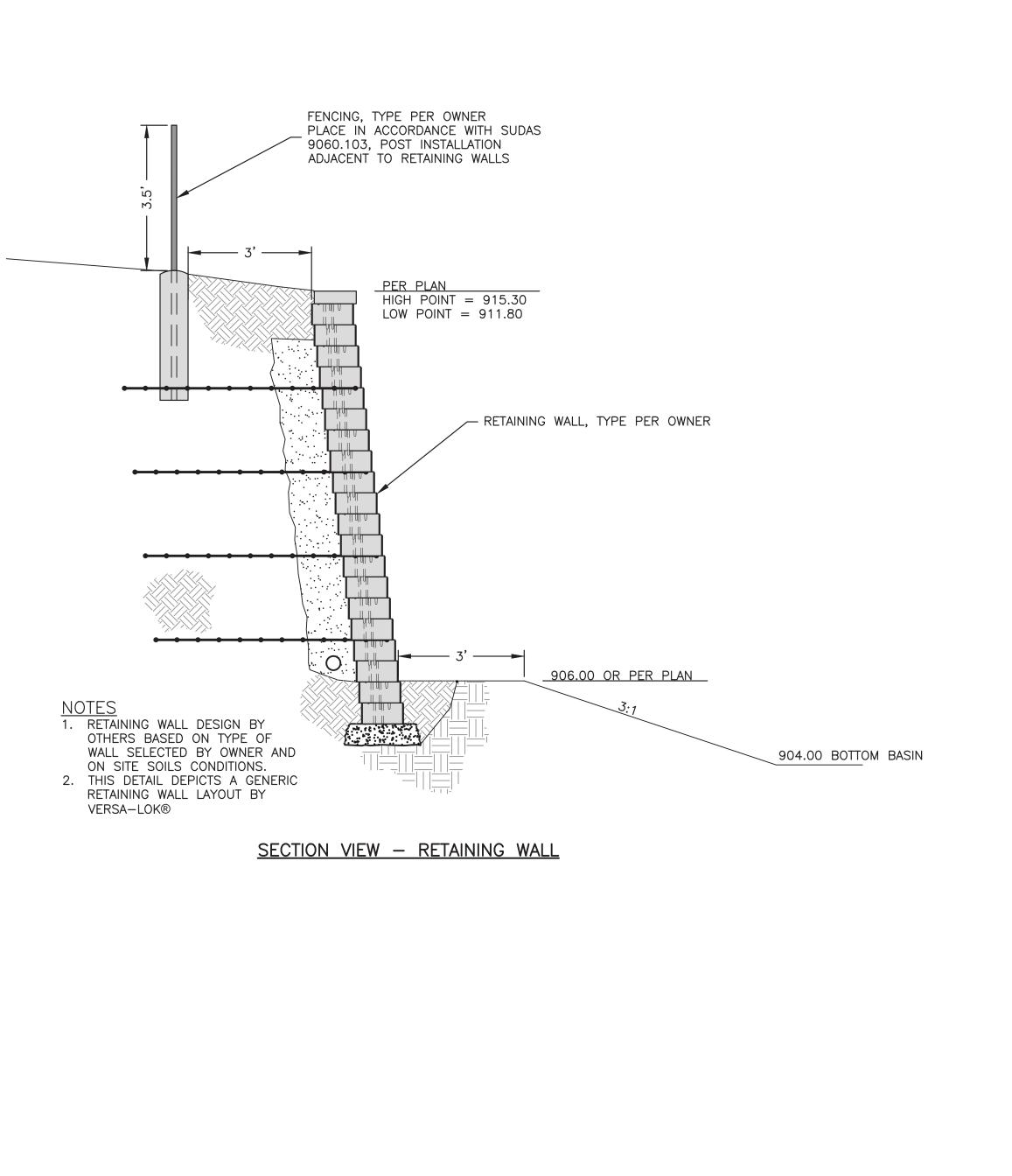






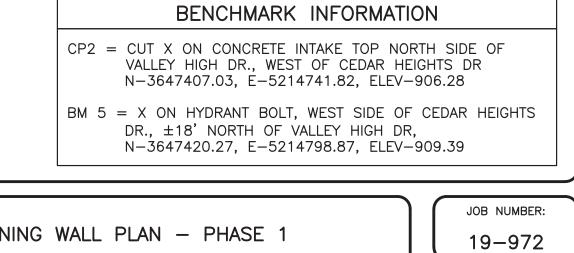


plot date: 10/15/21 © 2021 FEHR GRAHAM



DRAWN BY: AJB APPROVED BY: NPK DATE: 07/23/2021 SCALE: AS NOTED

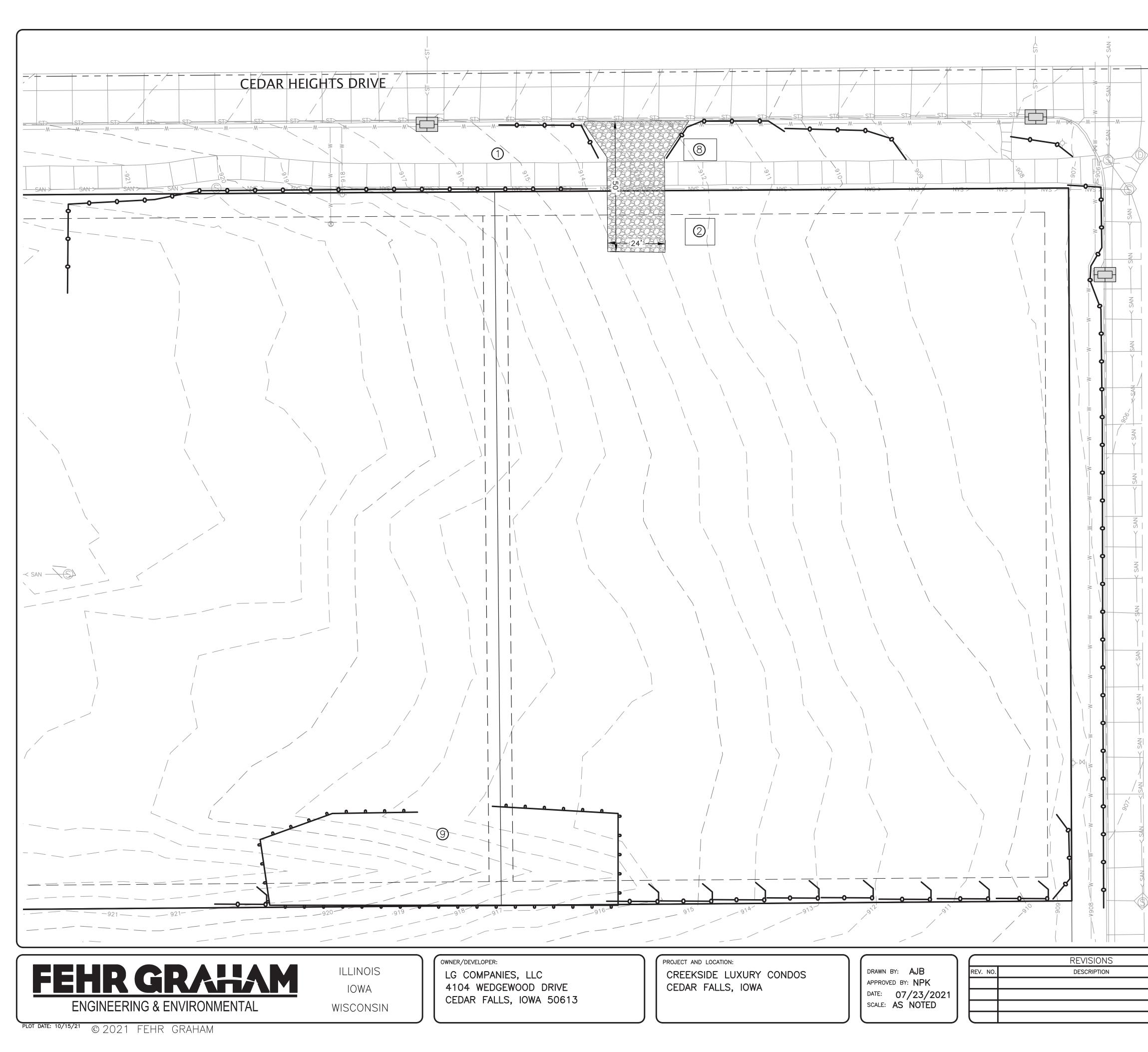
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RETAINING WALL PLAN – PHASE 1	19-972
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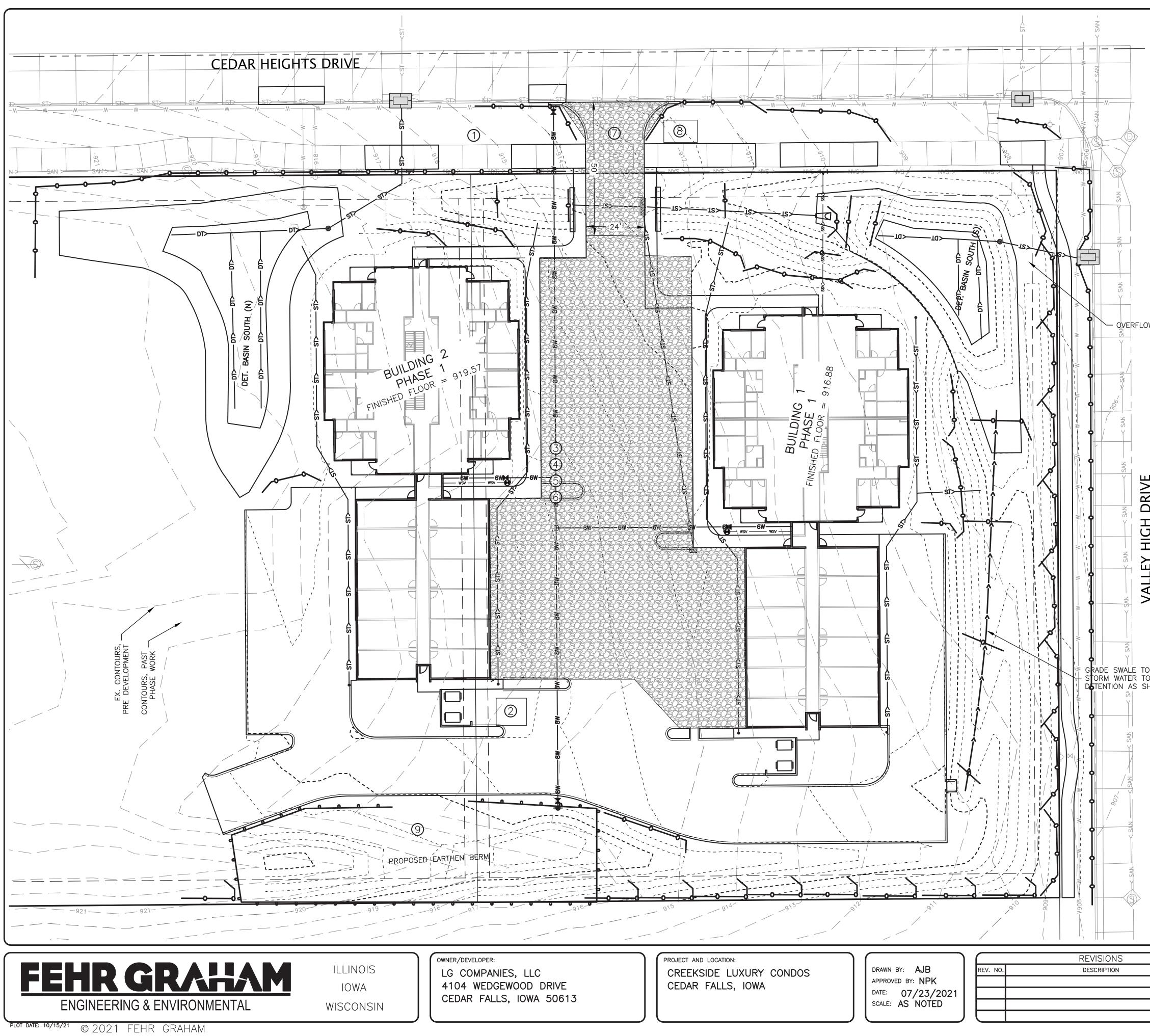


		Item 5
	<u>KEY</u>	
	2 PORTABLE SANITARY FACILITY	
	(3) CONSTRUCTION DUMPSTER	
	(4) CONSTRUCTION PARKING	
	5 CONSTRUCTION TRAILER	
,	<ul> <li>(6) MATERIAL STORAGE</li> <li>(7) STABILIZED CONSTRUCTION ENTRANCE</li> </ul>	
	COMPLY WITH SUDAS 9040.12	
	CONCRETE WASHOUT	
	9 STOCK PILE	
	LEGEND	
	PCC	
	TOPSOIL, SEEDING, AND MULCHING	
	(MAY INCLUDE LANDSCAPING, REFER TO LANDSCAPING PLAN)	
	EROSION STONE ON ENGINEERING FABRIC	
	GRANULAR SURFACING PERMANENT OR TEMPORARY	
	INLET PROTECTION	
	9" WATTLE / SILT FENCE	
	SILT FENCE	
	SEQUENCE OF ACTIVITIES	
	INITIAL PREPARATION OF SITE FOR MOBILIZATION AND	
Щ	COMMENCEMENT OF WORK	
RIV	1.       INSTALL SWPPP BOX         2.       ESTABLISH PERIMETER CONTROLS         3.       INSTALL TEMPORARY CONSTRUCTION ENTRANCE	
	4. INSTALL PORTABLE SANITARY FACILITY 5. ESTABLISH STAGING & PARKING AREAS	
ЧU	6. ESTABLISH STOCK PILE CONTROLS 7. PLACE INLET PROTECTION DEVICES ON ROADWAY	
Valley High Drive	INLETS.	
Ъ- Ш-	NOTES:	
ALL	1. NOT ALL KEY AND/OR LEGEND ITEMS MAY BE USED AND SHO ON THIS PLAN. THEY ARE AVAILABLE FOR USE IF NEEDED.	OWN
$\geq$	2. PORTABLE SANITARY FACILITY SHALL BE STAKED DOWN TO WITHSTAND ANY ANTICIPATED WINDS	
	3. STABILIZATION MEASURES SHALL BE INITIATED IMMEDIATELY ON ANY EXPOSED SOILS IF EARTH DISTURBING ACTIVITIES HAVE	
	CEASED TEMPORARILY OR PERMANENTLY AND WILL NOT RESU FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.	ME
	4. ADDITIONAL AND MORE COMPREHENSIVE DETAILS AND INSTRUCTIONS CONTAINED WITHIN THE SWPPP DOCUMENT.	
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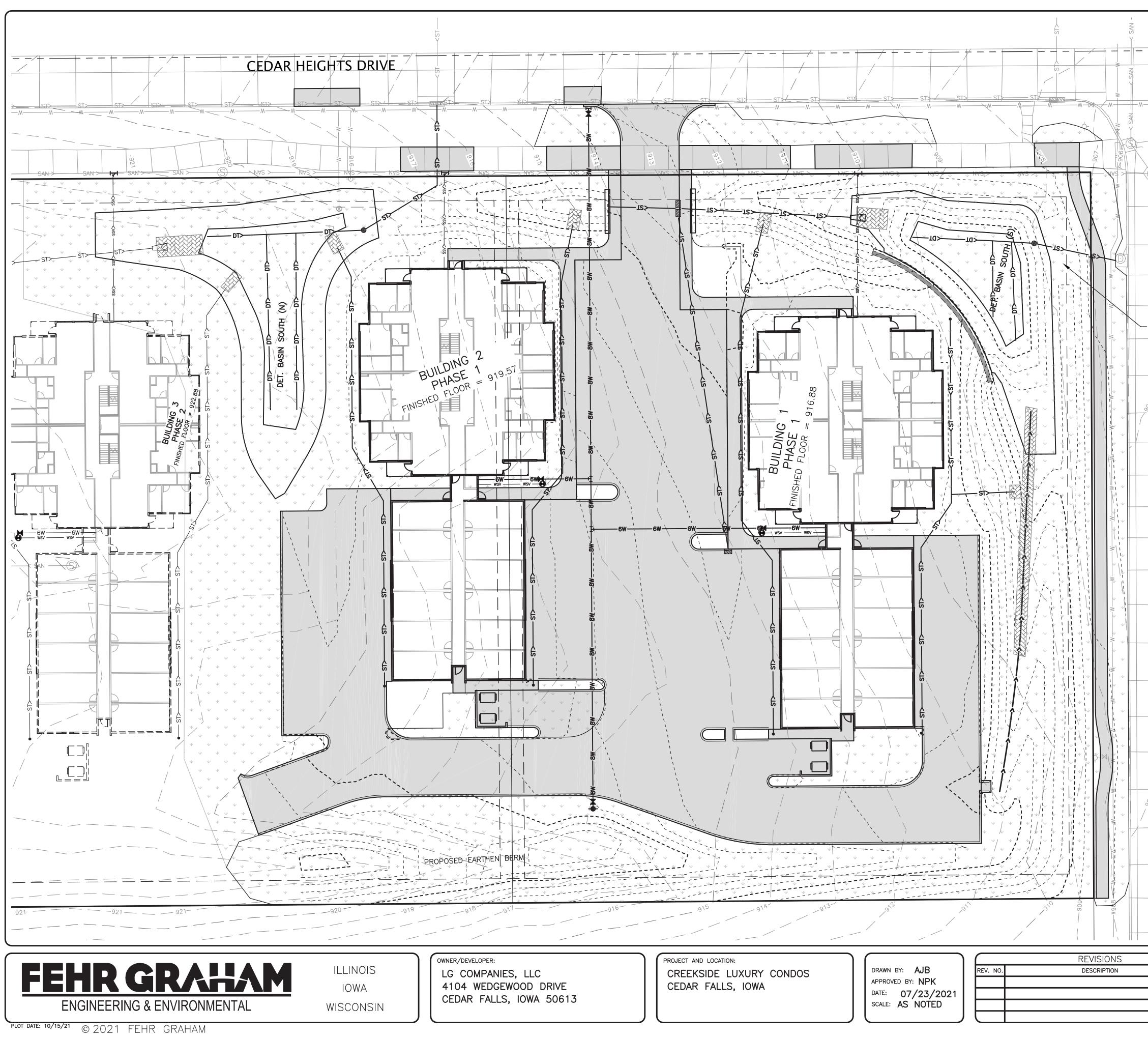
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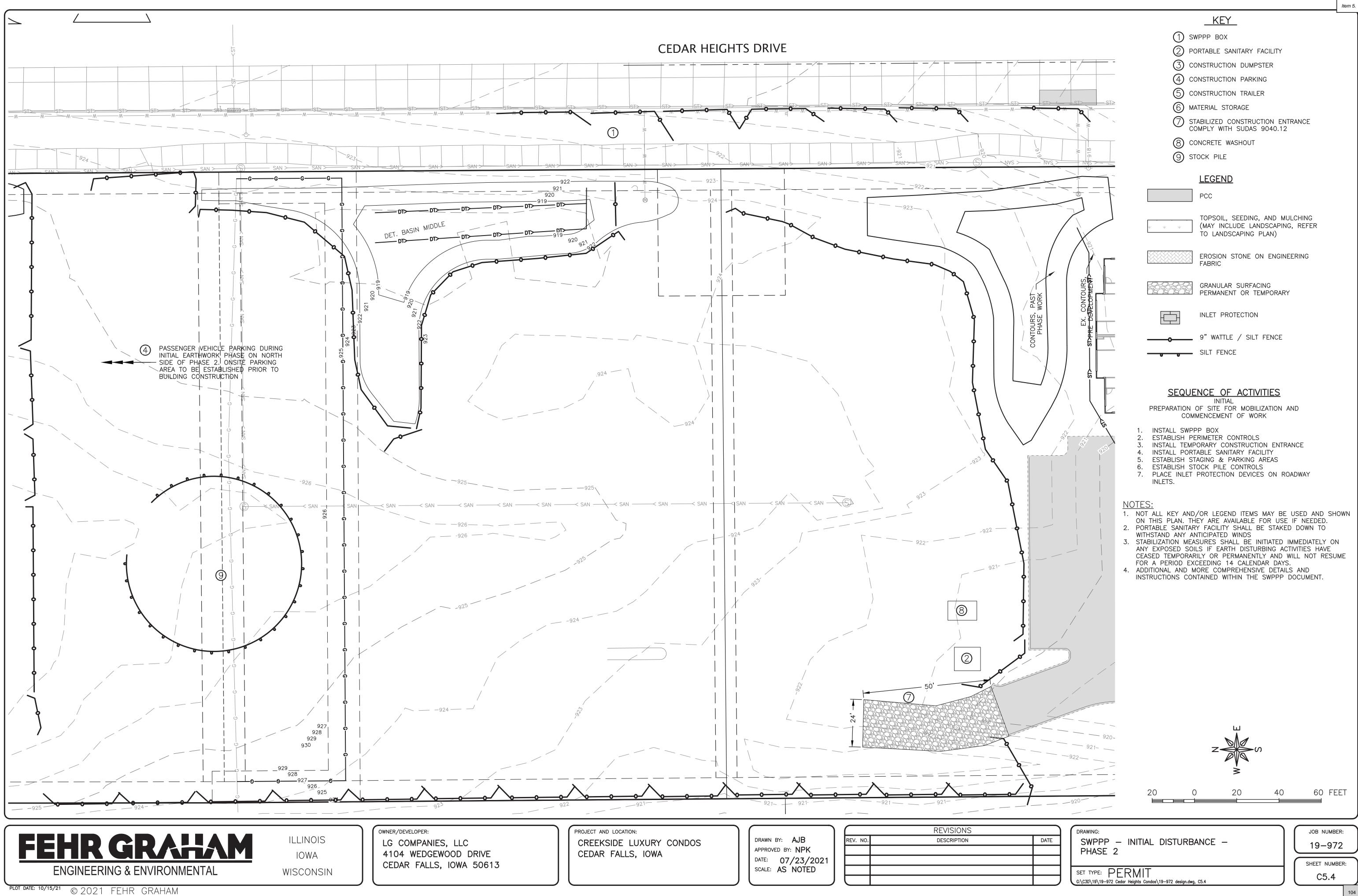
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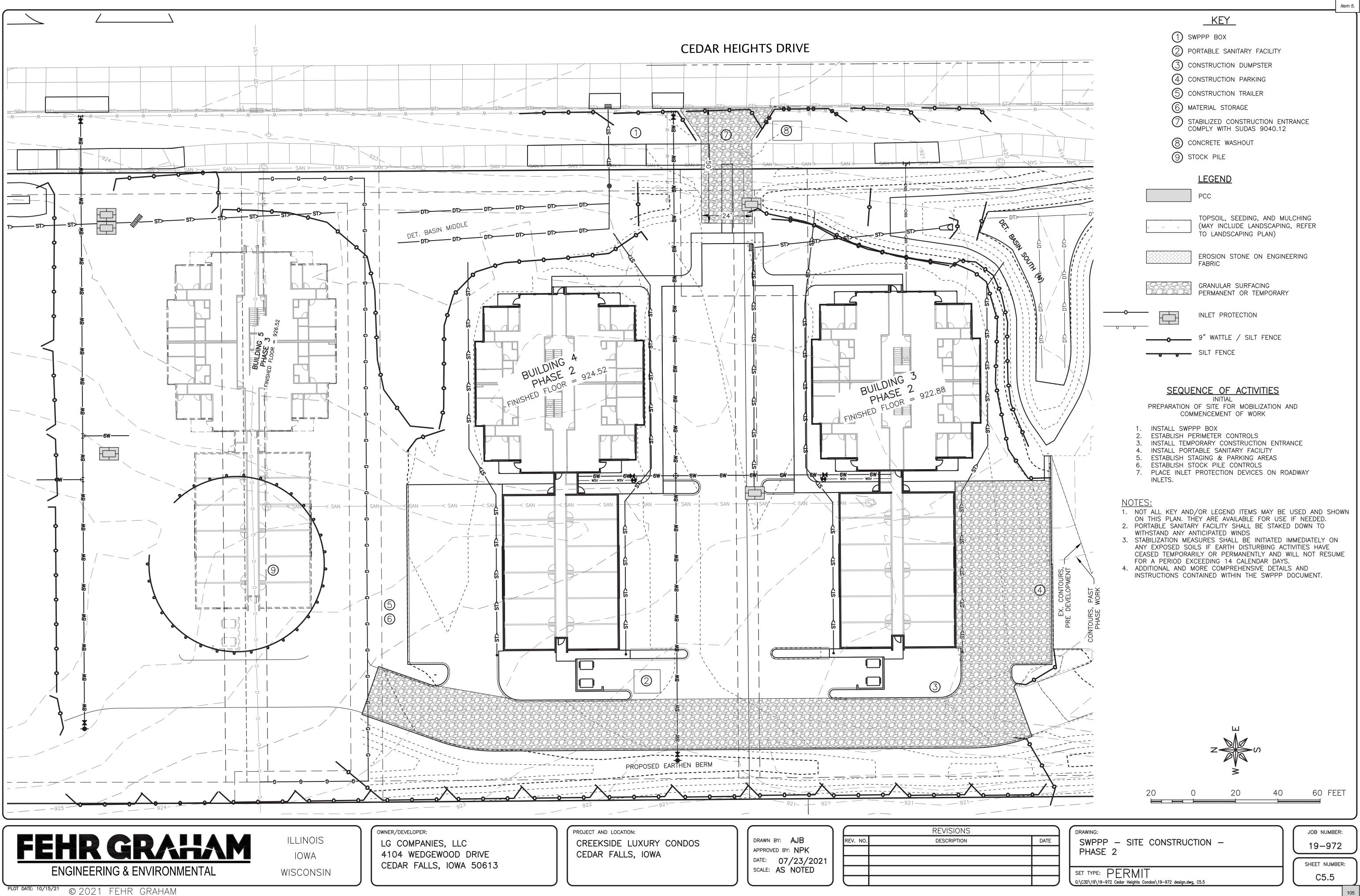


		Item 5.
	<u>KEY</u>	
	2 PORTABLE SANITARY FACILITY	
	3 CONSTRUCTION DUMPSTER	
	(4) construction parking	
	5 CONSTRUCTION TRAILER	
	6 MATERIAL STORAGE	
	C STABILIZED CONSTRUCTION ENTRANCE COMPLY WITH SUDAS 9040.12	
ſ	(8) CONCRETE WASHOUT	
	9 STOCK PILE	
	LEGEND	
	PCC	
	TOPSOIL, SEEDING, AND MULCHING	
	TO LANDSCAPING PLAN)	
	EROSION STONE ON ENGINEERING FABRIC	
W WEIR, 22' W		
₩ ₩LII ZZ ₩	IDE GRANULAR SURFACING PERMANENT OR TEMPORARY	
	I9" WATTLE / SILT FENCE	
	I SILT FENCE	
	SEQUENCE OF ACTIVITIES CONSTRUCTION	
	CONTINUED MAINTENANCE, IMPLEMENTATION, AND EVOLUTION OF SWPPP	
	1. MAINTENANCE	
<b>L</b>	1.A. SWPPP DOCUMENTS 1.B. PERIMETER CONTROLS	
	1.C. TEMPORARY CONSTRUCTION ENTRANCE 1.D. STOCK PILES	
	2. SITE GRADING	
2	2.A. PLACE FABRIC ON STAND PIPE OF DETENTION BASIN TO FUNCTION AS TEMPORARY SEDIMENT BASIN DURING CONSTRUCTION.	
	2.B. PLACE EROSION MULCHING WHEN AREAS ARE NOT BEING WORKED OR ONCE GRADE IS ESTABLISHED	
- J	2.C. PLACE PAVEMENT SUBBASE ONCE SUBGRADE PREPARED 2.D. SWEEP STREETS WHEN EROSION IS TRACKED	
	3. UTILITIES	
>	3.A. PLACE EROSION MULCHING THROUGH DISTURBED AREAS 3.B. PLACE INLET PROTECTION DEVICES FOR NEWLY INSTALLED INTAKES	
	3.C. PLACE SILT FENCE TO PROTECT CULVERTS 3.D. SWEEP STREETS WHEN EROSION IS TRACKED	
	4. BUILDING CONSTRUCTION 4.A. MAINTAIN ONSITE CONTROLS	
) DIVERT	5. SITE PAVING	
DIVERT D HOWN	5.A. INSTALL CONCRETE WASHOUT 5.B. REMOVE TEMPORARY CONSTRUCTION ENTRANCE ONCE REQUIRED	
	TO PREPARE SUBBASE AND PLACE PAVEMENT	
	NOTES: 1. NOT ALL KEY AND/OR LEGEND ITEMS MAY BE USED AND SHOWN	
	ON THIS PLAN. THEY ARE AVAILABLE FOR USE IF NEEDED.	
	2. PORTABLE SANITARY FACILITY SHALL BE STAKED DOWN TO WITHSTAND ANY ANTICIPATED WINDS 3. STABILIZATION MEASURES SHALL BE INITIATED IMMEDIATELY ON	
	ANY EXPOSED SOILS IF EARTH DISTURBING ACTIVITIES HAVE CEASED TEMPORARILY OR PERMANENTLY AND WILL NOT RESUME	
	FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. 4. ADDITIONAL AND MORE COMPREHENSIVE DETAILS AND	
	INSTRUCTIONS CONTAINED WITHIN THE SWPPP DOCUMENT.	
	20 0 20 40 60 FEET	
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1	DATE SWPPP - SITE CONSTRUCTION - 19-972	2 J
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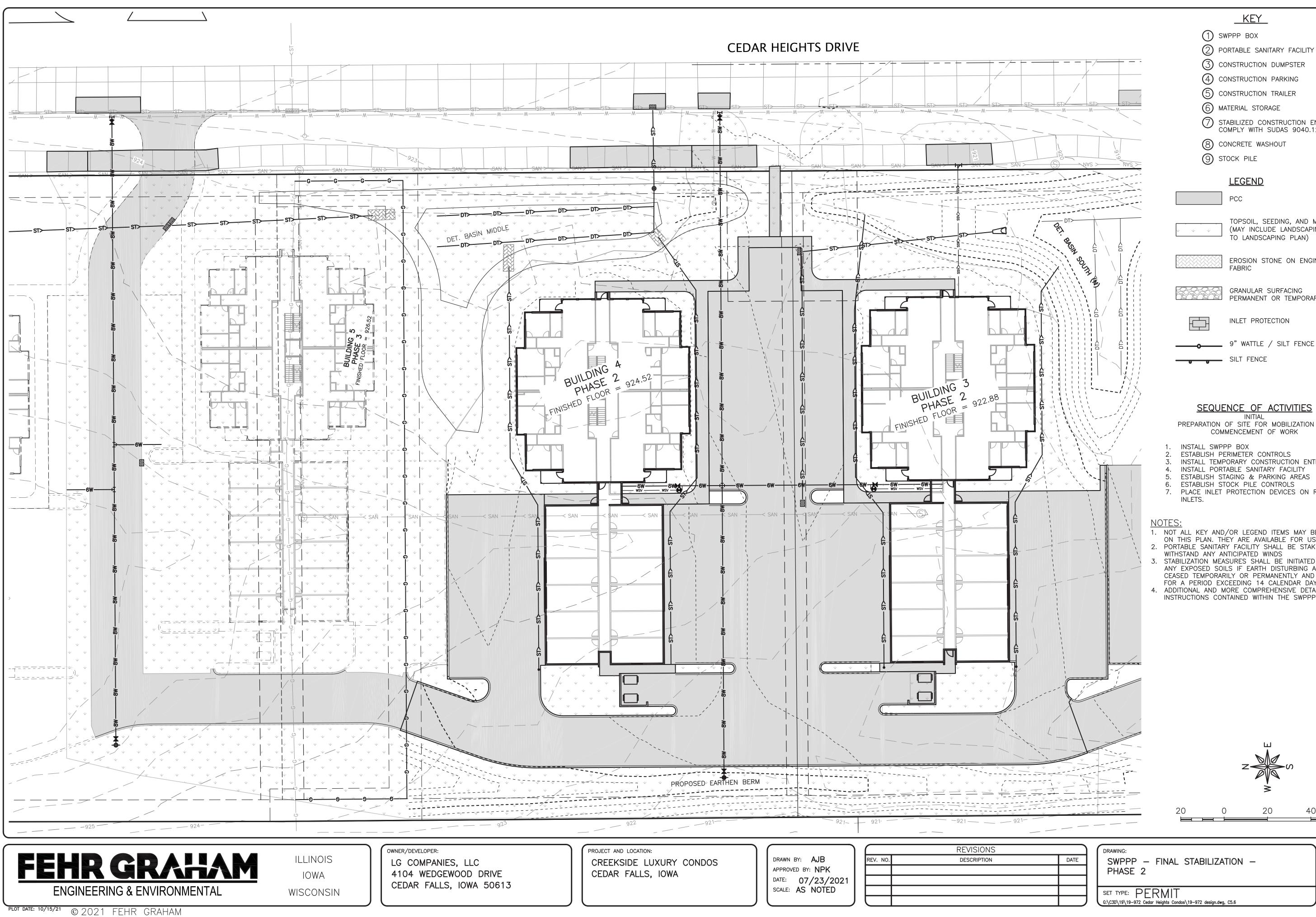


		Item 5.
	<u>KEY</u>	
	— (1) SWPPP вох	
	<ul> <li>(2) PORTABLE SANITARY FACILITY</li> <li>(3) CONSTRUCTION DUMPSTER</li> </ul>	
	(4) CONSTRUCTION PARKING	
	5 CONSTRUCTION TRAILER	
	6 MATERIAL STORAGE	
-0	STABILIZED CONSTRUCTION ENTRANCE COMPLY WITH SUDAS 9040.12	
	ONCRETE WASHOUT	
	STOCK PILE	
SAN	LEGEND	
	PCC	
SAN	TOPSOIL, SEEDING, AND MULCHING	
Ť	(MAY INCLUDE LANDSCAPING, REFER TO LANDSCAPING PLAN)	
SAN		
	EROSION STONE ON ENGINEERING FABRIC	
OVERFLOW WEIR, 22' V	WIDE GRANULAR SURFACING PERMANENT OR TEMPORARY	
	INLET PROTECTION	
*	9" WATTLE / SILT FENCE	
SAN	SILT FENCE	
	SEQUENCE OF ACTIVITIES	
SAN 	FINAL STABILIZATION	
	1.A. DREDGE BASINS TO REMOVE ACCUMULATING SILT.	
<b>DRI</b>	1.B. REMOVE TEMPORARY SILT DEVICE FROM OUTLET STRUCTURE OF BASIN.	
H SAN	2. SEEDING 2.A. REMOVE EROSION FROM DEVICES TO	
	FINISHED GRADE AND PREP SEEDING AREAS 2.B. PLACE SEEDING, MULCHING, AND FERTILIZER 2.C. WATER AS NECESSARY	
San San	3. SEEDING ESTABLISHED	
AN SAN SAN SAN	3.A. REMOVE ALL TEMPORARY CONTROLS. 3.B. BEGIN DETENTION SYSTEM MAINTENANCE	
	SCHEDULE.	
	NOTE: NOT ALL KEY AND/OR LEGEND ITEMS MAY	
SAN	BE USED AND SHOWN ON THIS PLAN. THEY ARE AVAILABLE FOR USE IF NEEDED.	
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6 MATERIAL STORAGE STABILIZED CONSTRUCTION ENTRANCE COMPLY WITH SUDAS 9040.12 8 CONCRETE WASHOUT 9 STOCK PILE <u>LEGEND</u> PCC TOPSOIL, SEEDING, AND MULCHING (MAY INCLUDE LANDSCAPING, REFER TO LANDSCAPING PLAN) EROSION STONE ON ENGINEERING FABRIC

ltem 5.

GRANULAR SURFACING PERMANENT OR TEMPORARY INLET PROTECTION

\_\_\_\_\_\_ 9" WATTLE / SILT FENCE

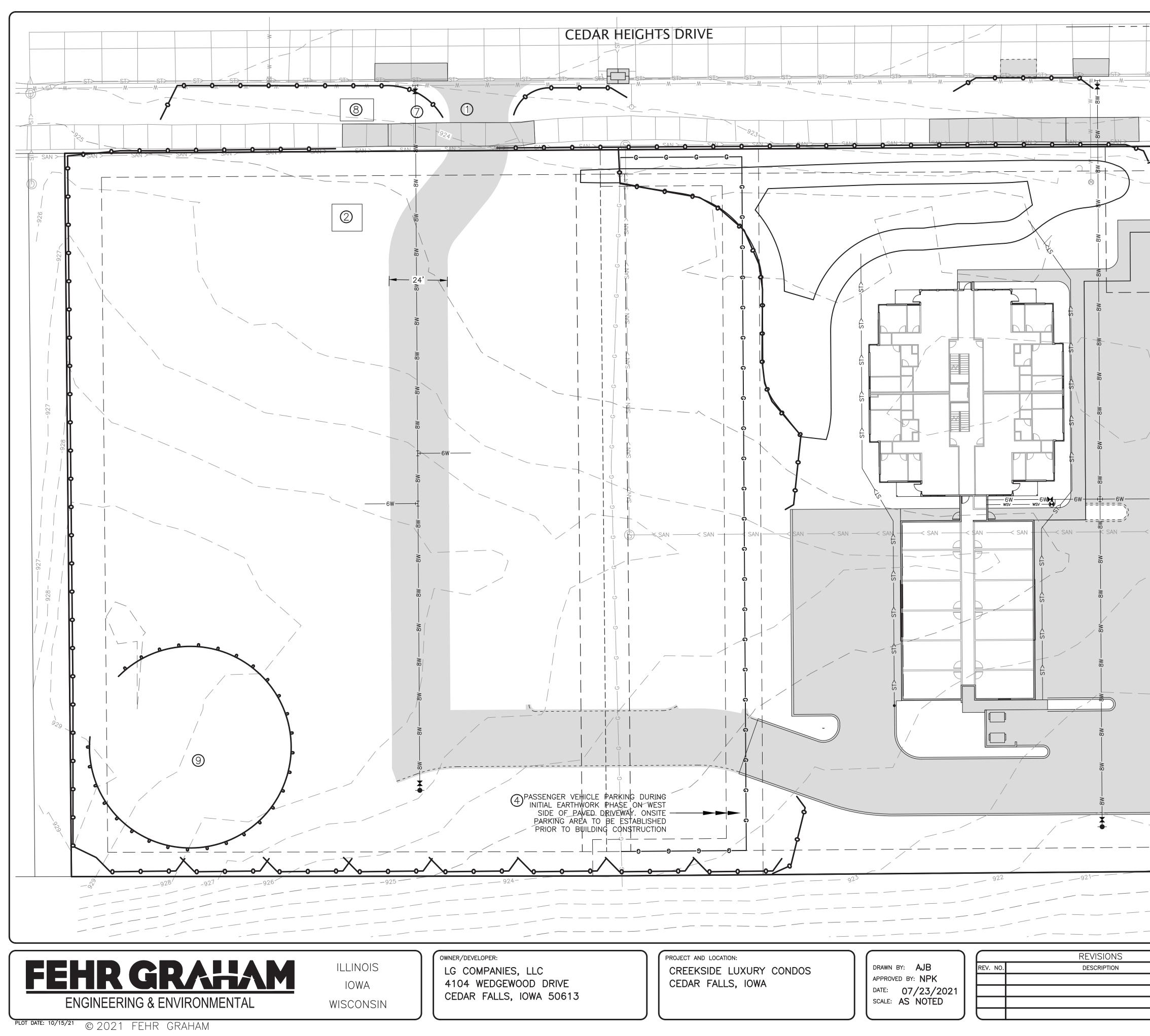
# SEQUENCE OF ACTIVITIES

INITIAL PREPARATION OF SITE FOR MOBILIZATION AND COMMENCEMENT OF WORK

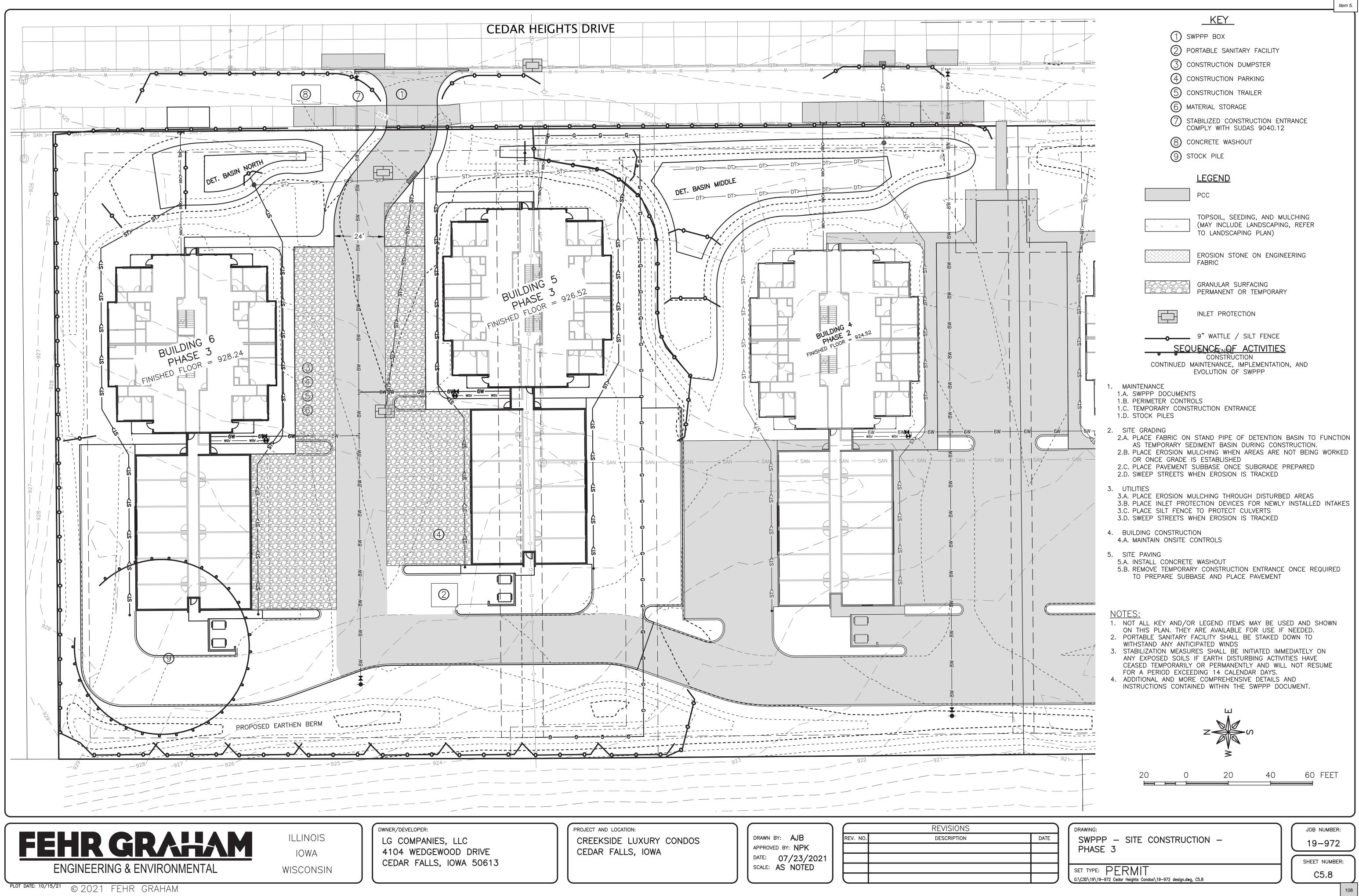
- INSTALL SWPPP BOX
- ESTABLISH PERIMETER CONTROLS
- INSTALL TEMPORARY CONSTRUCTION ENTRANCE
- INSTALL PORTABLE SANITARY FACILITY ESTABLISH STAGING & PARKING AREAS
- ESTABLISH STOCK PILE CONTROLS
- PLACE INLET PROTECTION DEVICES ON ROADWAY
- 1. NOT ALL KEY AND/OR LEGEND ITEMS MAY BE USED AND SHOWN ON THIS PLAN. THEY ARE AVAILABLE FOR USE IF NEEDED. 2. PORTABLE SANITARY FACILITY SHALL BE STAKED DOWN TO
- WITHSTAND ANY ANTICIPATED WINDS 3. STABILIZATION MEASURES SHALL BE INITIATED IMMEDIATELY ON ANY EXPOSED SOILS IF EARTH DISTURBING ACTIVITIES HAVE CEASED TEMPORARILY OR PERMANENTLY AND WILL NOT RESUME
- FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. 4. ADDITIONAL AND MORE COMPREHENSIVE DETAILS AND INSTRUCTIONS CONTAINED WITHIN THE SWPPP DOCUMENT.

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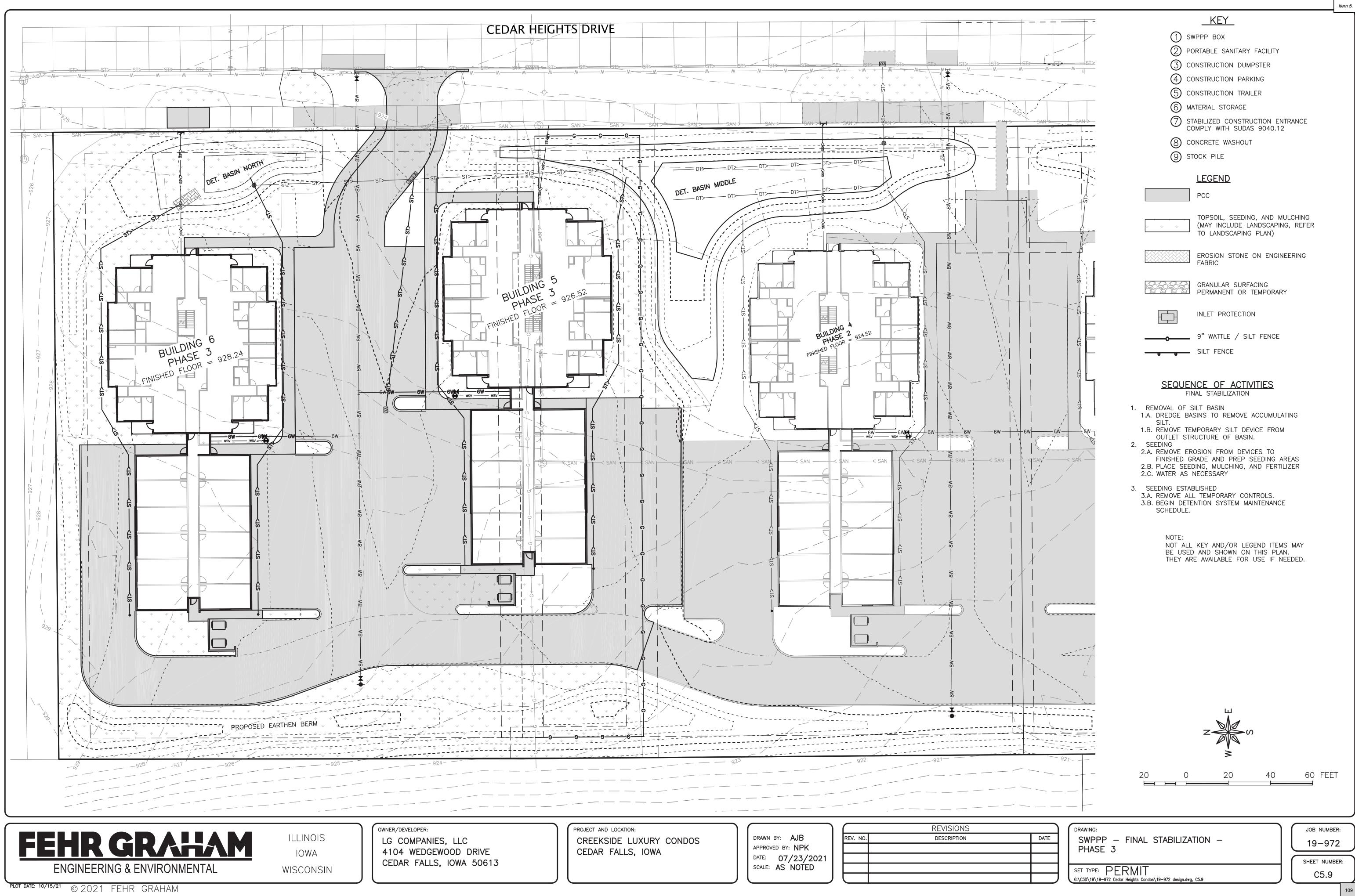
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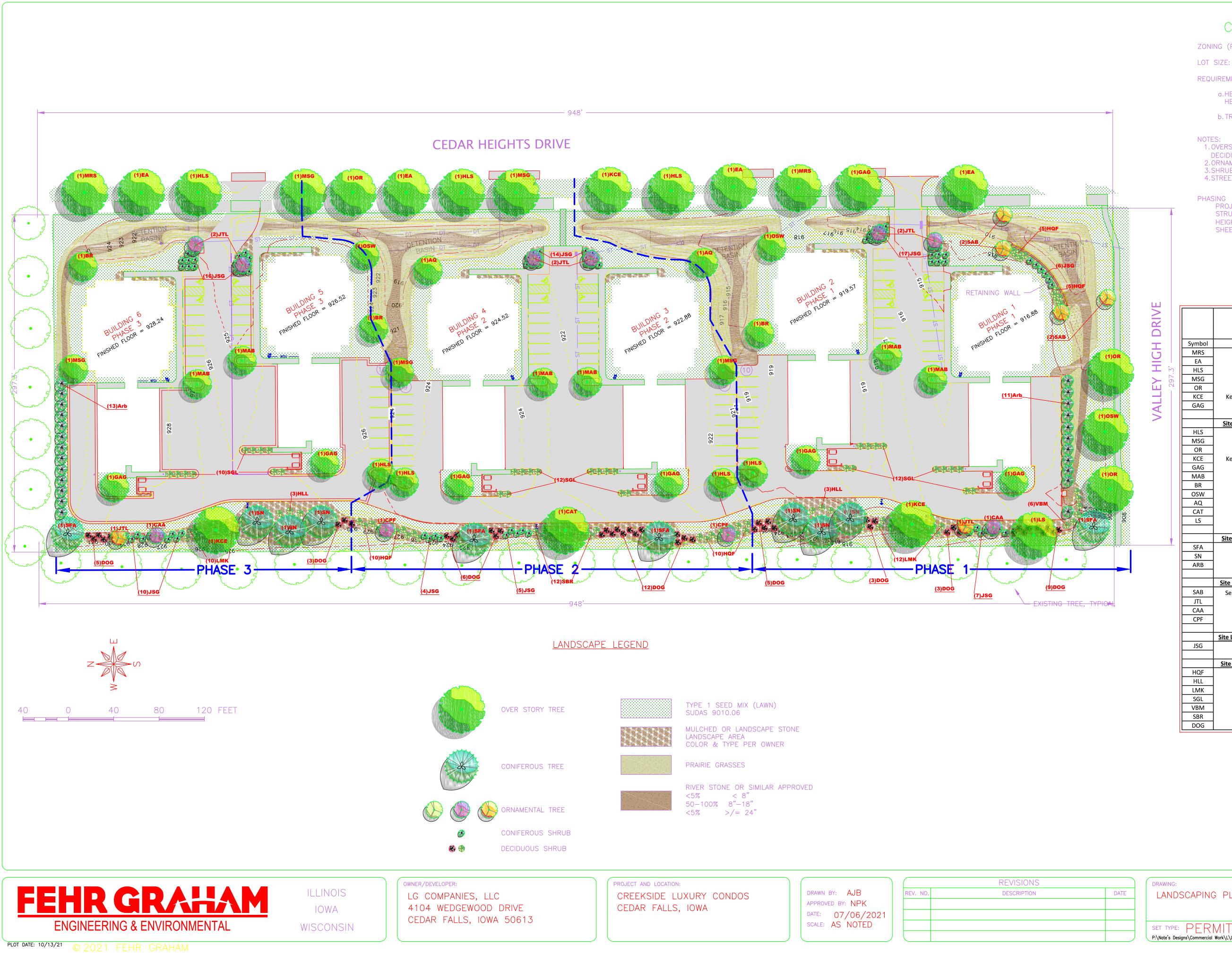
		Item 5.
	<u>KEY</u> (1) SWPPP BOX	
	2 portable sanitary facility	
T> ST> ST> ST>	$\overline{3}$ construction dumpster	
MMMMM	(4) CONSTRUCTION PARKING	
	(5) CONSTRUCTION TRAILER	
- 922	6 MATERIAL STORAGE	
SAN SAN SAN SAN SAN S	(7) STABILIZED CONSTRUCTION ENTR COMPLY WITH SUDAS 9040.12	ANCE
	8 CONCRETE WASHOUT	
	9 STOCK PILE	
	LEGEND	
	PCC	
	TOPSOIL, SEEDING, AND MUL	
	W W W (MAY INCLUDE LANDSCAPING, TO LANDSCAPING PLAN)	REFER
	EROSION STONE ON ENGINEE FABRIC	RING
	GRANULAR SURFACING PERMANENT OR TEMPORARY	
	INLET PROTECTION	
	9" WATTLE / SILT FENCE	
	INITIAL	-
	PREPARATION OF SITE FOR MOBILIZATION AN COMMENCEMENT OF WORK	ID
	<ol> <li>INSTALL SWPPP BOX</li> <li>ESTABLISH PERIMETER CONTROLS</li> </ol>	
	<ul> <li>INSTALL TEMPORARY CONSTRUCTION ENTRAN</li> <li>INSTALL PORTABLE SANITARY FACILITY</li> </ul>	NCE
	5. ESTABLISH STAGING & PARKING AREAS	
6W 6W 5 = = = = = = = = = = = = = = = = = =	<ol> <li>ESTABLISH STOCK PILE CONTROLS</li> <li>PLACE INLET PROTECTION DEVICES ON ROA</li> </ol>	DWAY
	INLETS.	
SAN SAN	NOTES:	
	1. NOT ALL KEY AND/OR LEGEND ITEMS MAY BE U ON THIS PLAN. THEY ARE AVAILABLE FOR USE I	JSED AND SHOWN F NEEDED.
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# landscape plan CREEKSIDE LUXURY CONDOS

ZONING (PROPOSED) RP ' PROPOSED RESIDENTIAL

LOT SIZE: 278,124 S.F. / 6.38 ACRES

### REQUIREMENTS PER ORDINANCE (PARAPHRASED):

### a.HEDGE SCREENING ALONG PARKING STALLS AND WHERE HEADLIGHTS WOULD BE A NUISANCE TO NEIGHBORS.

b.TREES PLACED EVERY 50 FEET ALONG PARKING.

### NOTES:

VALLE

- 1. OVERSTORY TREE MIN. SIZE SHALL BE 1.5" CALIPER FOR
- DECIDUOUS / 3' TALL FOR CONIFEROUS 2.ORNAMENTAL TREE MIN. SIZE SHALL BE 1" CALIPER 3.SHRUBS SHALL BE MINIMUM 2 GALLON CONTAINER
- 4.STREET TREES SHALL AVOID UTILITIES.

### PHASING PROJECT PLANNED TO BE CONSTRUCTED IN 3 PHASES, 2 STRUCTURES PER PHASE SHARING A DRIVE FROM CEDAR HEIGHTS DRIVE. PHASING SHOWN IN DETAIL ON C2.# SERIES SHEETS.

				Mature
		QTY	Size	Height
Symbol	<b>Overstory Street Trees</b>			
MRS	Maple, Red Sunset	2	1.5" Cal	45'
EA	Elm, Accolade	4	1.5" Cal	60'
HLS	Honeylocust, Skyline	3	1.5" Cal	50'
MSG	Maple Sienna Glen	2	1.5" Cal	50'
OR	Oak, Red	1	1.5" Cal	60'
KCE	Kentucky Coffeetree, Expresso	1	1.5" Cal	50'
GAG	Ginkgo, Autumn Gold	1	1.5" Cal	50'
	Site Landscaping Overstory Tree			
HLS	Honeylocust, Skyline	4	1.5" Cal	50'
MSG	Maple Sienna Glen	3	1.5" Cal	50'
OR	Oak, Red	2	1.5" Cal	60'
KCE	Kentucky Coffeetree, Expresso	2	1.5" Cal	50'
GAG	Ginkgo, Autumn Gold	6	1.5" Cal	50'
MAB	Maple Autumn Blaze	6	1.5" Cal	50'
BR	Birch, River	3	1.5" Cal	45'
OSW	Oak, Swamp White	3	1.5" Cal	60'
AQ	Aspen, Quaking	2	1.5" Cal	50'
CAT	Catalpa	1	1.5" Cal	60'
LS	Linden, Sentry	1	1.5" Cal	60'
	Site Landscaping Coniferous Tree	-		
SFA	Spruce, Fat Albert	4	3'H	40'
SN	Spruce, Norway	6	3'H	70'
ARB	Arborvitae, Techny	24	6' H	10'
	Site Landscaping Ornamental Tree			
SAB	Serviceberry Autumn Brilliance	4	6' Clump	20'
JTL	Japanese Tree Lilac	8	1.5" Cal	25'
CAA	Crabapple, Adams	2	1.5" Cal	20'
CPF	Crabapple, Prairiefire	2	1.5" Cal	20'
	Site Landscaping Coniferous Shrubs			
JSG	Juniper, Sea Green	79	2 gal	5'
	Site Landscaping Decidous Shrubs			
HQF	Hydrangea, Quick Fire	30	2 gal	5'
HLL	Hydrangea, Limelight	6	2 gal	6'
LMK	Lilac, Miss Kim	22	2 gal	6'
SGL	Sumac, Gro Low	34	2 gal	3'
VBM	Viburnum, Blue Muffin	6	2 gal	6'
SBR	Serviceberry Regent	12	5 gal	5'
DOG	Dogwood, Red Twigged	46	2 gal	8'

DRAWING:

LANDSCAPING PLAN – ALL PHASES

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JOB NUMBER: 19-972

SHEET NUMBER: C6.1

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Creekide LUXURY CONDOS

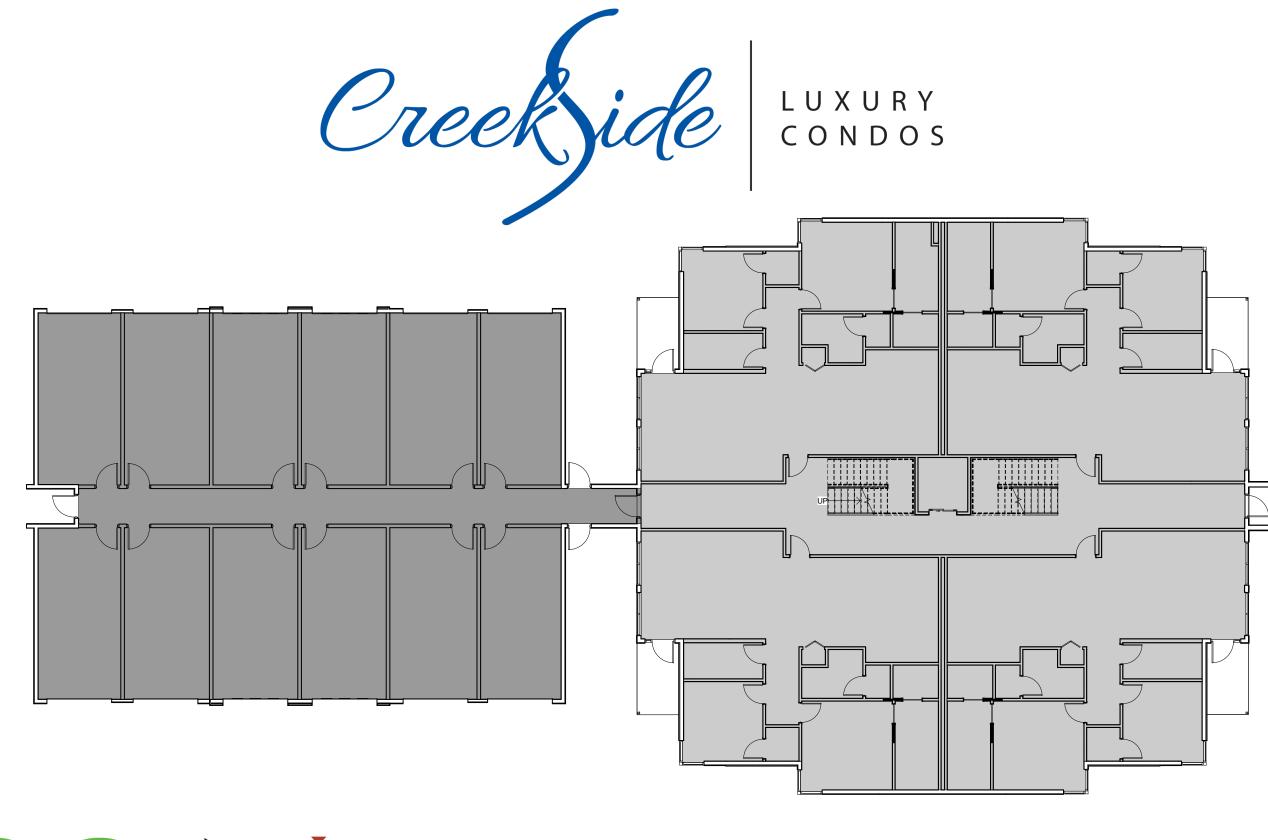




Creekide LUXURY CONDOS























- (1) ASPHALT SHINGLES CHARCOAL
- ② CEMENT PANELS WHITE
- ③ CEMENT PANELS ACCENT COLOR VARIES BY BUILDING
- (4) HARDIE SHINGLE SIDING ACCENT COLOR VARIES BY BUILDING
- 5 HARDIE PLANK LAP SIDING 8-8-4 PATTERN, COBBLE STONE
- 6 CORRUGATED METAL PANELS SLATE GRAY

ltem 5.



### (7) SOFFIT/FACIA - WHITE

(8) ALUM. ENTRANCE FRAMING - WHITE

(9) ALUM. WINDOW FRAMING - WHITE







- (1) ASPHALT SHINGLES CHARCOAL
- ② CEMENT PANELS WHITE
- ③ CEMENT PANELS ACCENT COLOR VARIES BY BUILDING
- (4) HARDIE SHINGLE SIDING ACCENT COLOR VARIES BY BUILDING
- (5) HARDIE PLANK LAP SIDING 8-8-4 PATTERN, COBBLE STONE
- (6) CORRUGATED METAL PANELS SLATE GRAY

- (7) SOFFIT/FACIA WHITE
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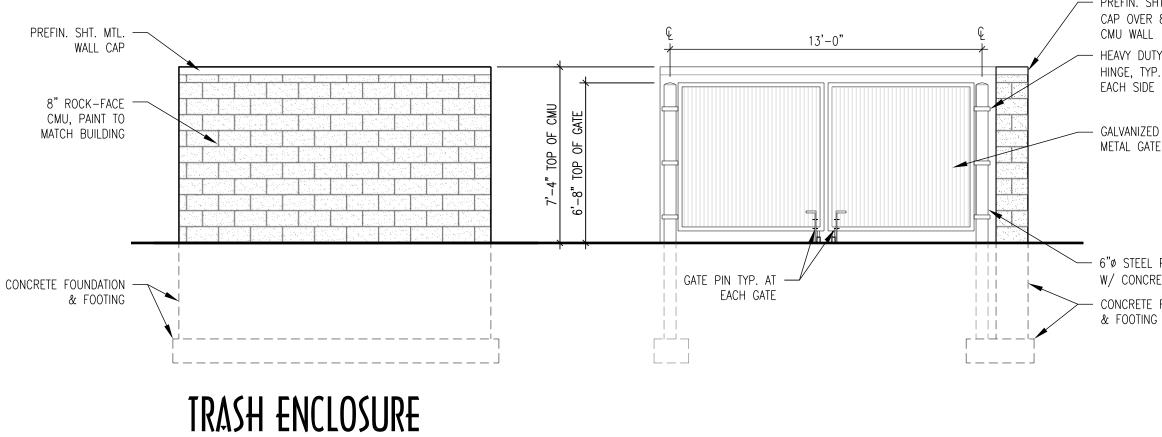




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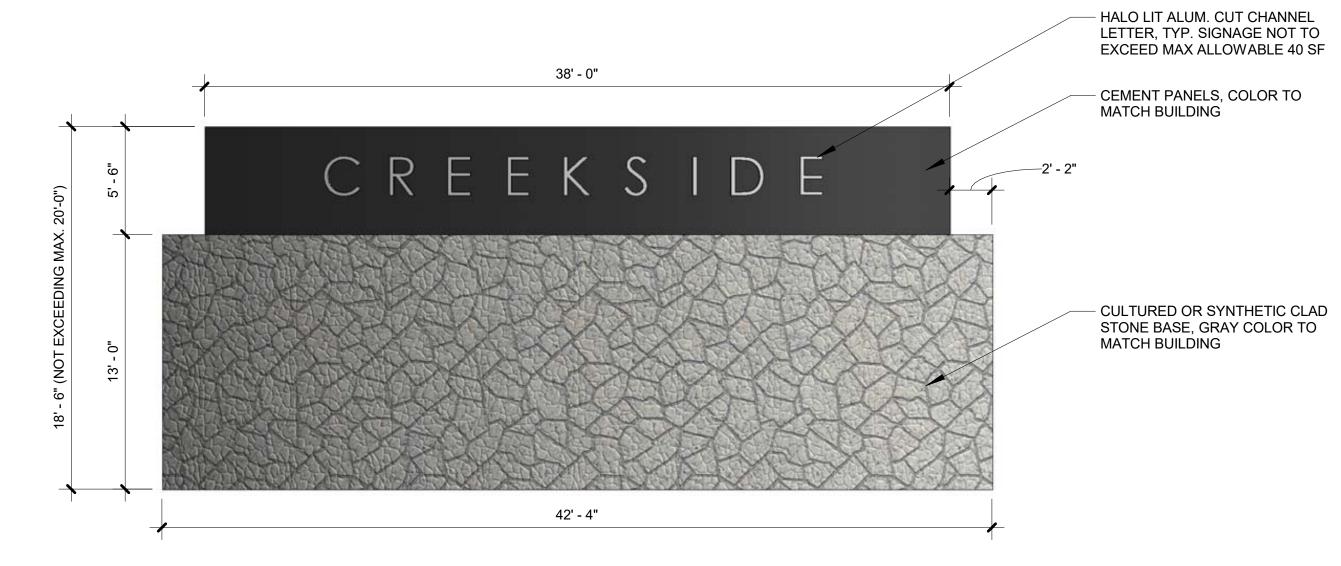


PREFIN. SHT. MTL. WALL CAP OVER 8" ROCK-FACE CMU WALL HEAVY DUTY GATE HINGE, TYP. (3), EACH SIDE GALVANIZED CORRUGATED METAL GATE PANEL, PAINT

6"ø STEEL POST W/ CONCRETE CORE CONCRETE FOUNDATION









Creekide LUXURY CONDOS





### **Chris Sevy**

From: Sent: To: Subject: Luanne Puhl <budy.zma@hotmail.com> Thursday, October 21, 2021 3:29 PM Chris Sevy Creekside Condos

### **CAUTION:** This email originated outside the City of Cedar Falls email system. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Chris...Photos of water running down the backyard of my condo at 4110 Legacy Lane were provided to Karen and you. Please include them in the packet for the P and Z meeting on October 27.

Thank you

Luanne Puhl

Sent from my Verizon, Samsung Galaxy smartphone







