

Received Date
10/18/2017

LANCASTER COUNTY
555 SOUTH 10TH STREET
LINCOLN, NE 68508

Utility Permit No. 1612

Application Date
Sept. 7, 2017

Application to Construct
Utilities On County property

Project or WO No. 10442A.10(2)

Contract No. C-18-0379

County Rep. AGO

Application is hereby made to LANCASTER COUNTY by:

Name: Brian Kramer

Phone: (402)441-7987

Company Name: City of Lincoln

E-Mail: bakramer@lincoln.ne.gov

Address: 2400 Theresa St

Lincoln, NE 68521

To construct a utility or utilities on County right-of-way as follows:

LEGAL DESCRIPTION:

NW 1/4 NE 14 Sect 24 T10N R7E

The Steven's Creek Phase V Sanitary Sewer Project will construct 54" gravity sewer within county R-O-W off of Holdrege St on the west side of 112th St, along 112th St between Holdrege and O Streets, and along 120th St on the south side of O St. The sanitary sewer will be bored under O St and along 120th for approximately 30 ft. All other construction within county ROW will be open trench. The section of the project that will occupy the state R-O-W off of O St will be covered by a NDOT occupancy permit.

UTILITY TO BE CONSTRUCTED

TYPE	DESCRIPTION	ANNOTATION
<u>Sanitary Sewer</u>	<u>Pipe Size & Type</u>	<u>523 ft of 54" Gravity Sewer</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Other No utility to be buried directly above a drainage structure. Existing utilities will be separated by 24".

PROPOSED UTILITY INSTALLATION

METHOD	SIZE/WIDTH	DESCRIPTION	DEPTH	DESCRIPTION
<u>Open Trench</u>	<u>Width</u>	<u>12' wide trench</u>	<u>Depth</u>	<u>34'</u>
<u>Continuous Bore</u>	<u>Size</u>	<u>60" Dia.</u>	<u>Depth</u>	<u>25'</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Other Contact Ron Bohaty at 402-441-7797 48 hours prior to any construction in County Right-of-way.

NAME AND ADDRESS OF CONTRACTOR(S) PERFORMING THE WORK (if Applicable):

Minger Construction Co., Inc. / Lukem@Mingerconst.com 952-368-9200

620 Corporate Drive Fax: 952-368-9311

Jordan, MN 55352 Cell: 612-366-7682

UTILITY PERMIT REQUIREMENTS

NOTE – If Engineer plan sheet project notes conflict with Lancaster County’s utility permit application requirements and the special utility permit requirements, the utility permit application requirements and special utility permit requirements shall govern. **See Page 6 for additional requirements upon permit approval.**

1. Unless agreed to in writing in advance by the owner, the depth of installed facilities shall be at a minimum as follows:
 - A. For utility installation parallel to the roadway, the minimum depth of burial will be 42” (48” in road ditches) measured from the ground surface to the top of the utility, except as noted in “C” below.
 - B. For utility installation transverse to the roadway the minimum depth of burial will be 48” measured from the ground surface to the top of the utility, except as noted in “C” below.
 - C. The minimum depth of burial beneath drainage structures, waterways, creek channels, or culverts within 5’ of the utility route will be 72”, measured from the flow line of the drainage structure, waterway, or creek channel (whichever is lower), to the top of the utility.
 - D. No utility will be buried directly above a drainage structure, **regardless of the burial depth.**
 - E. All crossings with existing utilities will be separated by a minimum of 24”, both horizontally and vertically.
 - F. All paved road and paved driveway crossings will be dry-bored.
 - G. All areas disturbed by construction will be restored to their pre-construction condition. This includes: all open-cut crossings to be backfilled with material excavated from trench; no sand or crushed rock backfill will be allowed; and compaction of backfills to a density equal to or greater than the surrounding soil in and around trenches, bore pits, pull boxes, and other utility appurtenances. It also includes replacing roadway and driveway surfacing lost or damaged by construction, and re-seeding of all areas disturbed by the work.
 - H. Trees within the right-of-way will be preserved by the contractor when possible. All trees, bushes, brush, debris piles, resulting from clearing or grubbing operations will become the property of the contractor and will be removed from county property at the contractor’s expense.
2. The contractor performing the work shall have onsite a copy of approved utility permit allowing permitted work to be done within County Road Right-of-Way.
3. The utility owner or his representative will mark all existing Lancaster County drainage structures along the proposed utility installation route 24 hours prior to construction at a culvert site. All structures will be marked in a manner so as to allow the Utility’s Contractor to identify all “Bore” locations.
4. The contractor will notify Lancaster County Maintenance Superintendent at 402-441-7797, within 48 hours, prior to commencing construction on county right-of way.
5. Contractor performing the work to submit insurance certificate naming Lancaster County as additional insured prior to any activities in the right-of-way. Contractor shall also provide Lancaster County a 30 day notice of cancellation, non-renewal or any material reduction of insurance coverage.
6. The applicant, or his contractor, shall contact the local utility companies and request location of any buried utilities. Damage to any utilities, either on County right-of-way or adjacent to County right-of-way, shall be repaired at the expense of the applicant or his contractor.

7. Future road construction work could necessitate relocation of utilities. Those utility relocation costs shall be borne by the utility owner.
8. All trenches shall be backfilled the same day trench was excavated except for the portion where the work is to be continued the next day. The portion left open for work continuation shall be protected by barricades with flashing lights at night. No open trenches in the roadway will be allowed overnight. (Except when such road is closed for construction or except with prior conditional approval to be noted on page #6)
9. Roads may be closed for a maximum of 12 hours, with prior review and approval from this office. (See #11 for signage layout)
10. Road closures longer than 12 hours will require prior review and shall include an approved detour plan. (See #11 for signage layout)
11. Three Type III barricades w/Type A flashing lights shall be placed on each side of construction site. "Road Closed" {R 1 1-2} signs shall be mounted on the middle barricade on each side of the construction site. At the nearest intersection each way from crossing, a "Road Closed _____ Miles ahead -- Local Traffic Only" (R11-3) sign shall be placed.
12. All barricading, flagmen, warning signs, etc. shall conform to the current **Manual on Uniform Traffic Control Devices.**
13. No equipment shall be left unattended on public right-of-way. No trenches shall be left open after working hours. No equipment shall block traffic control devices. If necessary, flagmen shall be required.
14. All pipe and encasements to conform to State Highway Standards.
15. **Notification of proposed utility work to adjacent landowners shall be the responsibility of the Utility Company and or their Agents.**
16. *****Utility Company and or their Agents shall be responsible to notify the Lancaster County Engineering Department upon completion of permitted utility work.*****

TYPICAL CROSS SECTION OF ROAD CROSSING

(Proposed Drawing by Applicant)

I (We) agree to construct the gravity sanitary sewer system in accordance with the permit requirements and
(utility)
the provisions included as a part of this permit.

COMPANY: City of Lincoln

DATE: _____

SIGNED BY: Brian Kramer Digitally signed by Brian Kramer
Date: 2017.10.17 10:09:24 -05'00'

EXECUTION BY LANCASTER COUNTY

The above application is hereby approved subject to the requirements and provisions of the permit.

APPROVED and dated this _____ day of _____ by the Lancaster County
Board of Commissioners.

LANCASTER COUNTY BOARD OF COMMISSIONERS

Chairperson

APPROVED as to form

this _____ day of _____

Deputy County Attorney

REVIEWED this 03 day of July, 2018

James J. Shotkoski Digitally signed by James J. Shotkoski
Date: 2018.07.03 10:28:13 -05'00'
Lancaster County Engineering Representative

I (We) agree to construct the _____ in accordance with the permit requirements and
(utility)
the provisions included as a part of this permit.

COMPANY: _____

DATE: _____

SIGNED BY: _____

EXECUTION BY LANCASTER COUNTY

The above application is hereby approved subject to the requirements and provisions of the permit.

Date _____

Signed By: _____
Lancaster County Representative

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(TO BE FILLED IN BY COUNTY PERSONNEL)

Encasement Requirements:

Comply with Section #14 of the Utility Permit Requirements.

Barricade, Signing and Flagging Requirements:

Comply with Section #12 of the Utility Permit Requirements.

Methods of Installation:

Open trench.
Continuous Bore.

Minimum Cover Provided in Road Ditches:

Comply with Section #1 of the Utility Permit Requirements

Other Requirements:

Comply with Section #2 of the Utility Permit Requirements: The Contractor is required to have a copy of the permit in-hand at all times while construction is in progress.

Comply with Section #4 of the Utility Permit Requirements: Contractor to contact Lancaster County Maintenance Superintendent Ron Bohaty (402) 441-7797 within 48-hours prior to beginning construction in the County Right-of-Way.

Additional Comments:

Comply with ALL Sections of the Utility Permit Requirements.

Utility Owners responsibility to notify Lancaster County upon completion of permitted work.

Utility placement route may require additional permitting by NDOT

Requires County Seed Mix within County R-O-W

**INSURANCE CLAUSE
FOR LANCASTER COUNTY ENGINEER UTILITY PERMITS**

Insurance; Coverage Information

The contractor shall, prior to beginning work, provide proof of insurance coverage in a form satisfactory to the County, which shall not withhold approval unreasonably. The coverages and minimum levels required by this contract are set forth below and shall be in effect for all times that work is being done pursuant to this Contract. No work on the Project or pursuant to this Contract shall begin until all insurance obligations herein are met to the satisfaction of the County, which shall not unreasonably withhold approval. Self-insurance shall not be permitted unless consent is given by the County prior to execution of the Agreement and may require submission of financial information for analysis. Deductible levels shall be provided in writing from the Contractor's insurer and will be no more than \$25,000.00 per occurrence. Said insurance shall be written on an **OCCURRENCE** basis, and shall be **PRIMARY, with any insurance coverage maintained by the County being secondary or excess.**

Certificates

The Contractor shall provide certificates of insurance and endorsements evidencing compliance with these requirements. The Contractor shall provide a Certificate of Insurance demonstrating the coverage required herein and the necessary endorsements and waivers described herein and below before being permitted to begin the work or project. All certificates, endorsements and endorsement forms (where required) must be acceptable to the County Attorney. Certificates shall include an endorsement to provide for at least thirty (30) days' firm written notice in the event of cancellation. During the term of the Agreement and during the period of any required continuing coverages, the Contractor shall provide, prior to expiration of the policies, certificates and endorsement forms evidencing renewal insurance coverages. The parties agree that the failure of County to object to the form of a certificate and/or additional insured endorsement or endorsement forms provided shall not constitute a waiver of this requirement.

1. Commercial General Liability

The Contractor shall provide proof of Commercial General Liability Insurance with a minimum limit of not less than \$1,000,000.00 each occurrence and \$2,000,000.00 aggregate. These minimum limits can be met by primary and umbrella liability policies. Coverage shall include: Premises-Operations, Products/ Completed Operations, Contractual, Broad Form Property Damage, and Personal Injury. Such coverage shall be endorsed for the general aggregate to be on a **PER PROJECT** basis, and the contractor shall provide an additional insured endorsement acceptable to the County. The required insurance must include coverage for all projects and operations of Contractor or similar language that meets the approval of the County, which approval shall not be unreasonably withheld.

1.1 Additional Insured (Requires an Endorsement Form)

An Additional Insured Endorsement Form showing the County as additional Insured.

1.2 Automobile Liability

The Contractor shall provide proof of Automobile Liability coverage, which shall include: Owned, Hired and Non-Owned. Bodily Injury and Property Damage Combined Single Limit shall be at least \$1,000,000 Per Accident.

1.3 Intentionally Omitted

1.4. Workers' Compensation; Employers' Liability

The Contractor shall provide proof of workers' compensation insurance of not less than minimum statutory requirements under the laws of the State of Nebraska and any other applicable State. Employers' Liability coverage with limits of not less than \$500,000.00 each accident or injury shall be included. The Contractor shall provide the County with an endorsement for waiver of subrogation. The contractor shall also be responsible for ensuring that all subcontractors have workers' compensation insurance for their employees before and during the time any work is done pursuant to this Contract.

1.5 Intentionally Omitted

1.5.1 Intentionally Omitted

1.6 Intentionally Omitted

1.7 Intentionally Omitted

1.8 Railroad Contractual Liability Insurance (Required only if appropriate)

If work is to be performed within 50 feet of any railroad property and affecting any railroad bridge or trestle, tracks, road beds, tunnel, underpass or railroad crossing, the Contractor must provide an endorsement (ISO® form CG24170193 or newer) that removes or deletes any exception for such work in the Contractor's commercial general liability policy. Any endorsement not described herein shall be subject to the approval of the County Attorney.

1.8.1 Railroad Protective Liability (Required only if appropriate)

If work is to be performed within 50 feet of any railroad property and affecting any railroad bridge or trestle, tracks, road beds, tunnel, underpass or crossing or otherwise required by the Special Provisions or applicable requirements of an affected railroad, the Contractor shall provide Railroad Protective Liability Insurance naming the affected railroad/s as insured with minimum limits for bodily injury and property damage of \$2,000,000 per occurrence, \$6,000,000 aggregate, or such other limits as required in the Special Provisions or by the affected railroad. The original of the policy shall be furnished to the railroad and a certified copy of the same furnished to the County Purchasing Department prior to any related construction or entry upon railroad premises by the Contractor or for work related to the Contract.

1.9 Intentionally Omitted

2. Risk of Loss

Except to the extent covered by the builder's risk insurance, the Contractor shall have the sole responsibility for the proper storage and protection of, and assumes all risk of loss of, any Subcontractor's Work and tools, materials, equipment, supplies, facilities, offices and other property at or off the Project site. The Contractor shall be solely responsible for ensuring each subcontractor shall take every reasonable precaution in the protection of all structures, streets, sidewalks, materials and work of other subcontractors. Contractor shall protect its Work from damage by the elements or by other trades working in the area.

3. Umbrella or Excess Liability

The Contractor may use an Umbrella, Excess Liability, or similar coverage to supplement the primary insurance stated above in order to meet or exceed the minimum coverage levels required by this Contract.

4. Minimum Scope of Insurance

All Liability Insurance policies shall be written on an "Occurrence" basis only. All insurance coverage are to be placed with insurers authorized to do business in the State of Nebraska and must be placed with an insurer that has an A.M. Best's Rating of no less than A:VII unless specific approval has been granted otherwise.

5. Indemnification

To the fullest extent permitted by law the Contractor shall indemnify, defend, and hold harmless the County, its elected officials, officers, employees, agents, consultants, and employees of any of them from and against claims, damages, losses and expenses, including but not limited to attorney fees, arising out of or resulting from performance of the Work, provided that such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible or intangible property, including the Work itself, but only to the extent caused by the negligent, wrongful, or intentional acts or omissions of the Contractor, a subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss or expense is caused in part by the negligence of a party indemnified hereunder. In the event the claim, damage, loss or expense is caused in part by the negligence of a party indemnified hereunder, the indemnification by the Contractor shall be prorated based on the extent of the liability of the party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or reduce obligations of indemnity which would otherwise exist as to a party or person described in this Section. Nothing herein shall be construed to be a waiver of sovereign immunity by the County.

6. Reservation of Rights

The County reserves the right to require a higher limit of insurance or additional coverages when the County determines that a higher limit or additional coverage is required to protect the County or the interests of the public. Such changes in limits or coverages shall be eligible for a change order or amendment to the Contract.

7. Sovereign Immunity

Nothing contained in this clause or other clauses of this Agreement/Contract shall be construed to waive the Sovereign Immunity of the County.

For questions regarding Insurance Requirements, please contact Risk Management.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/27/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Cobb Strecker Dunphy & Zimmermann 225 South Sixth Street Suite 1900 Minneapolis MN 55402	CONTACT NAME: Cindy Koch	
	PHONE (A/C. No. Ext): 612-349-2448	FAX (A/C. No):
E-MAIL ADDRESS: ckoch@cstdz.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A : Cincinnati Insurance Company		10677
INSURER B : Great American Insurance Company		16691
INSURER C :		
INSURER D :		
INSURER E :		
INSURER F :		

INSURED MINGCONI
 Minger Construction Companies Inc
 620 Corporate Drive
 Jordan, MN 55352-4557

COVERAGES

CERTIFICATE NUMBER: 687233542

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contr Liab Per <input checked="" type="checkbox"/> Policy Form/XCU GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:			EPP0312232	3/1/2018	3/1/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			EPP0312232	3/1/2018	3/1/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0			EPP0312232	3/1/2018	3/1/2021	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> N/A (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			EWC0477308	3/1/2018	3/1/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
B	Professional Liability Pollution Liability			PCM182769804	3/1/2018	3/1/2019	Each Claim: \$2,000,000 Each Loss/Aggregate: \$5 Mil/\$10 Mil Deductible: \$25,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Steven's Creek Phase V Sanitary Sewer Project

Additional Insured only if required by written contract with respect to General Liability: Lancaster County

CERTIFICATE HOLDER**CANCELLATION**

Lancaster County
 444 Cherrycreek Rd Bldg C
 Lincoln NE 68528

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

CONTRACTORS' COMMERCIAL GENERAL LIABILITY BROADENED ENDORSEMENT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. Endorsement - Table of Contents:

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7. 180 Day Coverage for Newly Formed or Acquired Organizations	10
8. Waiver of Subrogation	10
9. Automatic Additional Insured - Specified Relationships:	10
• Managers or Lessors of Premises;	
• Lessor of Leased Equipment;	
• Vendors;	
• State or Political Subdivisions - Permits Relating to Premises;	
• State or Political Subdivisions - Permits; and	
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B. Limits of Insurance:

The Commercial General Liability Limits of Insurance apply to the insurance provided by this endorsement, except as provided below:

1. Employee Benefit Liability Coverage

Each Employee Limit: \$ 1,000,000
 Aggregate Limit: \$ 3,000,000
 Deductible: \$ 1,000

3. Damage to Premises Rented to You

The lesser of:

- a. The Each Occurrence Limit shown in the Declarations; or
- b. \$500,000 unless otherwise stated \$ _____

4. Supplementary Payments

- a. Bail bonds: \$ 1,000
- b. Loss of earnings: \$ 350

5. Medical Payments

Medical Expense Limit: \$ 10,000

6. Voluntary Property Damage (Coverage a.) and Care, Custody or Control Liability Coverage (Coverage b.)

Limits of Insurance (Each Occurrence)

Coverage **a.** \$1,000

Coverage **b.** \$5,000 unless otherwise stated \$ _____

Deductibles (Each Occurrence)

Coverage **a.** \$250

Coverage **b.** \$250 unless otherwise stated \$ _____

COVERAGE	PREMIUM BASIS (a) Area (b) Payroll (c) Gross Sales (d) Units (e) Other	RATE (For Limits in Excess of \$5,000)	ADVANCE PREMIUM
			(For Limits in Excess of \$5,000)
b. Care, Custody or Control			\$
TOTAL ANNUAL PREMIUM			\$

11. Property Damage to Borrowed Equipment

Each Occurrence Limit: \$ 10,000

Deductible: \$ 250

C. Coverages:

1. Employee Benefit Liability Coverage

a. The following is added to **SECTION I - COVERAGES: Employee Benefit Liability Coverage.**

(1) Insuring Agreement

(a) We will pay those sums that the insured becomes legally obligated to pay as damages caused by any act, error or omission of the insured, or of any other person for whose acts the insured is legally liable, to which this insurance applies. We will have the right and duty to defend the insured against any "suit" seeking those damages. However, we will have no duty to defend against any "suit" seeking damages to which this insurance does not apply. We may, at our discretion, investigate any report of an act, error or omission and settle any claim or "suit" that may result. But:

- 1)** The amount we will pay for damages is limited as described in **SECTION III - LIMITS OF INSURANCE**; and
- 2)** Our right and duty to defend ends when we

have used up the applicable limit of insurance in the payment of judgments or settlements.

No other obligation or liability to pay sums or perform acts or services is covered unless explicitly provided for under Supplementary Payments.

(b) This insurance applies to damages only if the act, error or omission, is negligently committed in the "administration" of your "employee benefit program"; and

- 1)** Occurs during the policy period; or
- 2)** Occurred prior to the effective date of this endorsement provided:
 - a)** You did not have knowledge of a claim or "suit" on or before the effective date of this endorsement.

You will be deemed to have knowledge of a claim or "suit" when any "authorized representative";

- i) Reports all, or any part, of the act, error or omission to us or any other insurer;
 - ii) Receives a written or verbal demand or claim for damages because of the act, error or omission; and
- b) There is no other applicable insurance.

(2) Exclusions

This insurance does not apply to:

(a) Bodily Injury, Property Damage or Personal and Advertising Injury

"Bodily injury", "property damage" or "personal and advertising injury".

(b) Dishonest, Fraudulent, Criminal or Malicious Act

Damages arising out of any intentional, dishonest, fraudulent, criminal or malicious act, error or omission, committed by any insured, including the willful or reckless violation of any statute.

(c) Failure to Perform a Contract

Damages arising out of failure of performance of contract by any insurer.

(d) Insufficiency of Funds

Damages arising out of an insufficiency of funds to meet any obligations under any plan included in the "employee benefit program".

(e) Inadequacy of Performance of Investment / Advice Given With Respect to Participation

Any claim based upon:

- 1) Failure of any investment to perform;
- 2) Errors in providing information on past per-

formance of investment vehicles; or

- 3) Advice given to any person with respect to that person's decision to participate or not to participate in any plan included in the "employee benefit program".

(f) Workers' Compensation and Similar Laws

Any claim arising out of your failure to comply with the mandatory provisions of any workers' compensation, unemployment compensation insurance, social security or disability benefits law or any similar law.

(g) ERISA

Damages for which any insured is liable because of liability imposed on a fiduciary by the Employee Retirement Income Security Act of 1974, as now or hereafter amended, or by any similar federal, state or local laws.

(h) Available Benefits

Any claim for benefits to the extent that such benefits are available, with reasonable effort and cooperation of the insured, from the applicable funds accrued or other collectible insurance.

(i) Taxes, Fines or Penalties

Taxes, fines or penalties, including those imposed under the Internal Revenue Code or any similar state or local law.

(j) Employment-Related Practices

Any liability arising out of any:

- (1) Refusal to employ;
- (2) Termination of employment;
- (3) Coercion, demotion, evaluation, reassignment, discipline, defamation, harassment, humiliation, discrimination or other employ-

ment-related practices, acts or omissions; or

- (4) Consequential liability as a result of (1), (2) or (3) above.

This exclusion applies whether the insured may be held liable as an employer or in any other capacity and to any obligation to share damages with or repay someone else who must pay damages because of the injury.

(3) Supplementary Payments

SECTION I - COVERAGES, SUPPLEMENTARY PAYMENTS - COVERAGES A AND B also apply to this Coverage.

b. Who is an Insured

As respects Employee Benefit Liability Coverage, **SECTION II - WHO IS AN INSURED** is deleted in its entirety and replaced by the following:

- (1) If you are designated in the Declarations as:
- (a) An individual, you and your spouse are insureds, but only with respect to the conduct of a business of which you are the sole owner.
 - (b) A partnership or joint venture, you are an insured. Your members, your partners, and their spouses are also insureds but only with respect to the conduct of your business.
 - (c) A limited liability company, you are an insured. Your members are also insureds, but only with respect to the conduct of your business. Your managers are insureds, but only with respect to their duties as your managers.
 - (d) An organization other than a partnership, joint venture or limited liability company, you are an insured. Your "executive officers" and directors are insureds, but only with respect to their duties as your officers or directors. Your stockholders are also insureds, but only with respect to their liability as stockholders.

- (e) A trust, you are an insured. Your trustees are also insureds, but only with respect to their duties as trustees.

- (2) Each of the following is also an insured:

- (a) Each of your "employees" who is or was authorized to administer your "employee benefit program".
- (b) Any persons, organizations or "employees" having proper temporary authorization to administer your "employee benefit program" if you die, but only until your legal representative is appointed.
- (c) Your legal representative if you die, but only with respect to duties as such. That representative will have all your rights and duties under this Coverage Part.

- (3) Any organization you newly acquire or form, other than a partnership, joint venture or limited liability company, and over which you maintain ownership or majority interest, will qualify as a Named Insured if no other similar insurance applies to that organization. However, coverage under this provision:

- (a) Is afforded only until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier; and
- (b) Does not apply to any act, error or omission that was committed before you acquired or formed the organization.

c. Limits of Insurance

As respects Employee Benefit Liability Coverage, **SECTION III - LIMITS OF INSURANCE** is deleted in its entirety and replaced by the following:

- (1) The Limits of Insurance shown in Section **B. Limits of Insurance, 1. Employee Benefit Liability Coverage** and the rules below fix the most we will pay regardless of the number of:

- (a) Insureds;

- (b) Claims made or "suits" brought;
- (c) Persons or organizations making claims or bringing "suits";
- (d) Acts, errors or omissions; or
- (e) Benefits included in your "employee benefit program".

(2) The Aggregate Limit shown in Section **B. Limits of Insurance, 1. Employee Benefit Liability Coverage** of this endorsement is the most we will pay for all damages because of acts, errors or omissions negligently committed in the "administration" of your "employee benefit program".

(3) Subject to the limit described in (2) above, the Each Employee Limit shown in Section **B. Limits of Insurance, 1. Employee Benefit Liability Coverage** of this endorsement is the most we will pay for all damages sustained by any one "employee", including damages sustained by such "employee's" dependents and beneficiaries, as a result of:

- (a) An act, error or omission; or
- (b) A series of related acts, errors or omissions, regardless of the amount of time that lapses between such acts, errors or omissions,

negligently committed in the "administration" of your "employee benefit program".

However, the amount paid under this endorsement shall not exceed, and will be subject to the limits and restrictions that apply to the payment of benefits in any plan included in the "employee benefit program".

(4) Deductible Amount

- (a) Our obligation to pay damages on behalf of the insured applies only to the amount of damages in excess of the deductible amount stated in the Declarations as applicable to Each Employee. The limits of insurance shall not be reduced by the amount of this deductible.

(b) The deductible amount stated in the Declarations applies to all damages sustained by any one "employee", including such "employee's" dependents and beneficiaries, because of all acts, errors or omissions to which this insurance applies.

(c) The terms of this insurance, including those with respect to:

- 1) Our right and duty to defend the insured against any "suits" seeking those damages; and
- 2) Your duties, and the duties of any other involved insured, in the event of an act, error or omission, or claim,

apply irrespective of the application of the deductible amount.

(d) We may pay any part or all of the deductible amount to effect settlement of any claim or "suit" and, upon notification of the action taken, you shall promptly reimburse us for such part of the deductible amount as we have paid.

d. Additional Conditions

As respects **Employee Benefit Liability Coverage, SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS** is amended as follows:

(1) Item **2. Duties in the Event of Occurrence, Offense, Claim or Suit** is deleted in its entirety and replaced by the following:

2. Duties in the Event of an Act, Error or Omission, or Claim or Suit

a. You must see to it that we are notified as soon as practicable of an act, error or omission which may result in a claim. To the extent possible, notice should include:

- (1) What the act, error or omission was and when it occurred; and
- (2) The names and addresses of anyone who may suffer damages as a result of the act, error or omission.

b. If a claim is made or "suit" is brought against any insured, you must:

(1) Immediately record the specifics of the claim or "suit" and the date received; and

(2) Notify us as soon as practicable.

You must see to it that we receive written notice of the claim or "suit" as soon as practicable.

c. You and any other involved insured must:

(1) Immediately send us copies of any demands, notices, summonses or legal papers received in connection with the claim or "suit";

(2) Authorize us to obtain records and other information;

(3) Cooperate with us in the investigation or settlement of the claim or defense against the "suit"; and

(4) Assist us, upon our request, in the enforcement of any right against any person or organization which may be liable to the insured because of an act, error or omission to which this insurance may also apply.

d. No insured will, except at that insured's own cost, voluntarily make a payment, assume any obligation, or incur any expense without our consent.

(2) Item 5. **Other Insurance** is deleted in its entirety and replaced by the following:

5. Other Insurance

If other valid and collectible insurance is available to the insured for a loss we cover under this Coverage Part, our obligations are limited as follows:

a. Primary Insurance

This insurance is primary except when c. below applies. If this insurance is primary, our obligations are not affected unless any of the other insurance is also primary. Then, we will share with all that other insurance by the method described in b. below.

b. Method of Sharing

If all of the other insurance permits contribution by equal shares, we will follow this method also. Under this approach each insurer contributes equal amounts until it has paid its applicable limit of insurance or none of the loss remains, whichever comes first.

If any of the other insurance does not permit contribution by equal shares, we will contribute by limits. Under this method, each insurer's share is based on the ratio of its applicable limit of insurance to the total applicable limits of insurance of all insurers.

c. No Coverage

This insurance shall not cover any loss for which the insured is entitled to recovery under any other insurance in force previous to the effective date of this Coverage Part.

e. Additional Definitions

As respects **Employee Benefit Liability Coverage, SECTION V - DEFINITIONS** is amended as follows:

(1) The following definitions are added:

1. "Administration" means:

a. Providing information to "employees", including their dependents and beneficiaries, with respect to eligibility for or scope of "employee benefit programs";

b. Interpreting the "employee benefit programs";

c. Handling records in connection with the "employee benefit programs"; or

d. Effecting, continuing or terminating any "employee's" participation

in any benefit included in the "employee benefit program".

However, "administration" does not include:

- a. Handling payroll deductions; or
 - b. The failure to effect or maintain any insurance or adequate limits of coverage of insurance, including but not limited to unemployment insurance, social security benefits, workers' compensation and disability benefits.
2. "Cafeteria plans" means plan authorized by applicable law to allow "employees" to elect to pay for certain benefits with pre-tax dollars.
3. "Employee benefit programs" means a program providing some or all of the following benefits to "employees", whether provided through a "cafeteria plan" or otherwise:
- a. Group life insurance; group accident or health insurance; dental, vision and hearing plans; and flexible spending accounts; provided that no one other than an "employee" may subscribe to such benefits and such benefits are made generally available to those "employees" who satisfy the plan's eligibility requirements;
 - b. Profit sharing plans, employee savings plans, employee stock ownership plans, pension plans and stock subscription plans, provided that no one other than an "employee" may subscribe to such benefits and such benefits are made generally available to all "employees" who are eligible under the plan for such benefits;
 - c. Unemployment insurance, social security

benefits, workers' compensation and disability benefits; and

- d. Vacation plans, including buy and sell programs; leave of absence programs, including military, maternity, family, and civil leave; tuition assistance plans; transportation and health club subsidies.

(2) The following definitions are deleted in their entirety and replaced by the following:

21. "Suit" means a civil proceeding in which money damages because of an act, error or omission to which this insurance applies are alleged. "Suit" includes:
- a. An arbitration proceeding in which such damages are claimed and to which the insured must submit or does submit with our consent;
 - b. Any other alternative dispute resolution proceeding in which such damages are claimed and to which the insured submits with our consent; or
 - c. An appeal of a civil proceeding.
8. "Employee" means a person actively employed, formerly employed, on leave of absence or disabled, or retired. "Employee" includes a "leased worker". "Employee" does not include a "temporary worker".

2. Unintentional Failure to Disclose Hazards

SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS, 7. Representations is hereby amended by the addition of the following:

Based on our dependence upon your representations as to existing hazards, if unintentionally you should fail to disclose all such hazards at the inception date of your policy, we will not reject coverage under this Coverage Part based solely on such failure.

3. Damage to Premises Rented to You

- a. The last Subparagraph of Paragraph 2. **SECTION I - COVERAGES, COVERAGE A. - BODILY INJURY AND PROPERTY DAMAGE, 2. LIABILITY Exclusions** is hereby deleted and replaced by the following:

Exclusions c. through q. do not apply to damage by fire, explosion, lightning, smoke or soot to premises while rented to you or temporarily occupied by you with permission of the owner.

- b. The insurance provided under **SECTION I - COVERAGES, COVERAGE A. BODILY INJURY AND PROPERTY DAMAGE LIABILITY** applies to "property damage" arising out of water damage to premises that are both rented to and occupied by you.

- (1) As respects Water Damage Legal Liability, as provided in Paragraph 3.b. above:

The exclusions under **SECTION I - COVERAGES, COVERAGE A. BODILY INJURY AND PROPERTY DAMAGE LIABILITY, 2. Exclusions**, other than i. **War** and the **Nuclear Energy Liability Exclusion**, are deleted and the following are added:

This insurance does not apply to:

- (a) "Property damage":
- 1) Assumed in any contract; or
 - 2) Loss caused by or resulting from any of the following:
 - a) Wear and tear;
 - b) Rust, corrosion, fungus, decay, deterioration, hidden or latent defect or any quality in property that causes it to damage or destroy itself;
 - c) Smog;
 - d) Mechanical breakdown including rupture or bursting caused by centrifugal force;

- e) Settling, cracking, shrinking or expansion; or
- f) Nesting or infestation, or discharge or release of waste products or secretions, by insects, birds, rodents or other animals.

- (b) Loss caused directly or indirectly by any of the following:

- 1) Earthquake, volcanic eruption, landslide or any other earth movement;
- 2) Water that backs up or overflows from a sewer, drain or sump;
- 3) Water under the ground surface pressing on, or flowing or seeping through:
 - a) Foundations, walls, floors or paved surfaces;
 - b) Basements, whether paved or not; or
 - c) Doors, windows or other openings.

- (c) Loss caused by or resulting from water that leaks or flows from plumbing, heating, air conditioning, or fire protection systems caused by or resulting from freezing, unless:

- 1) You did your best to maintain heat in the building or structure; or
- 2) You drained the equipment and shut off the water supply if the heat was not maintained.

- (d) Loss to or damage to:

- 1) Plumbing, heating, air conditioning, fire protection systems, or other equipment or appliances; or
- 2) The interior of any building or structure, or to personal property in the building or structure

caused by or resulting from rain, snow, sleet or ice, whether driven by wind or not.

c. Limit of Insurance

The Damage to Premises Rented to You Limit as shown in the Declarations is amended as follows:

(2) Paragraph 6. of **SECTION III - LIMITS OF INSURANCE** is hereby deleted and replaced by the following:

6. Subject to 5. above, the Damage to Premises Rented to You Limit is the most we will pay under **COVERAGE A. BODILY INJURY AND PROPERTY DAMAGE LIABILITY**, for damages because of "property damage" to premises while rented to you or temporarily occupied by you with permission of the owner, arising out of any one "occurrence" to which this insurance applies.

(3) The amount we will pay is limited as described in Section **B. Limits of Insurance, 3. Damage to Premises Rented to You** of this endorsement.

4. Supplementary Payments

Under **SECTION I - COVERAGE, SUPPLEMENTARY PAYMENTS - COVERAGES A AND B:**

a. Paragraph 2. is replaced by the following:

Up to the limit shown in Section **B. Limits of Insurance, 4.a.** Bail Bonds of this endorsement for cost of bail bonds required because of accidents or traffic law violations arising out of the use of any vehicle to which the Bodily Injury Liability Coverage applies. We do not have to furnish these bonds.

b. Paragraph 4. is replaced by the following:

All reasonable expenses incurred by the insured at our request to assist us in the investigation or defense of the claim or "suit", including actual loss of earnings up to the limit shown in Section **B. Limits of Insurance, 4.b.** Loss of Earnings of this endorsement per day because of time off from work.

5. Medical Payments

The Medical Expense Limit of Any One Person as stated in the Declarations is amended to the limit shown in Section **B. Limits of Insurance, 5. Medical Payments** of this endorsement.

6. Voluntary Property Damage and Care, Custody or Control Liability Coverage

a. Voluntary Property Damage Coverage

We will pay for "property damage" to property of others arising out of operations incidental to the insured's business when:

- (1) Damage is caused by the insured; or
- (2) Damage occurs while in the insured's possession.

With your consent, we will make these payments regardless of fault.

b. Care, Custody or Control Liability Coverage

SECTION I - COVERAGES, COVERAGE A. BODILY INJURY AND PROPERTY DAMAGE LIABILITY, 2. Exclusions, j. Damage to Property, Subparagraphs (3), (4) and (5) do not apply to "property damage" to the property of others described therein.

With respect to the insurance provided by this section of the endorsement, the following additional provisions apply:

a. The Limits of Insurance shown in the Declarations are replaced by the limits designated in Section **B. Limits of Insurance, 6. Voluntary Property Damage and Care, Custody or Control Liability Coverage** of this endorsement with respect to coverage provided by this endorsement. These limits are inclusive of and not in addition to the limits being replaced. The Limits of Insurance shown in Section **B. Limits of Insurance, 6. Voluntary Property Damage and Care, Custody or Control Liability Coverage** of this endorsement fix the most we will pay in any one "occurrence" regardless of the number of:

- (1) Insureds;
- (2) Claims made or "suits" brought; or
- (3) Persons or organizations making claims or bringing "suits".

b. Deductible Clause

- (1) Our obligation to pay damages on your behalf applies only to the amount of damages for each "occurrence" which are in excess of the deductible amount stated in Section **B. Limits of Insurance, 6. Voluntary Property Damage and Care, Custody or Control Liability Coverage** of this endorsement. The limits of insurance will not be reduced by the application of such deductible amount.
- (2) Condition **2. Duties in the Event of Occurrence, Offense, Claim or Suit**, applies to each claim or "suit" irrespective of the amount.
- (3) We may pay any part or all of the deductible amount to effect settlement of any claim or "suit" and, upon notification of the action taken, you shall promptly reimburse us for such part of the deductible amount as has been paid by us.

7. 180 Day Coverage for Newly Formed or Acquired Organizations

SECTION II - WHO IS AN INSURED is amended as follows:

Subparagraph **a.** of Paragraph **4.** is hereby deleted and replaced by the following:

- a.** Insurance under this provision is afforded only until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier;

8. Waiver of Subrogation

SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS, 9. Transfer of Rights of Recovery Against Others to Us is hereby amended by the addition of the following:

We waive any right of recovery we may have because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a written contract requiring such waiver with that person or organization and included in the "products-completed operations hazard". However, our rights may only be waived prior to the "occurrence" giving rise to the injury or damage for which we make payment under this Coverage Part. The insured must do nothing after a loss to impair our rights. At our request, the insured will bring "suit" or transfer those rights to us and help us enforce those rights.

9. Automatic Additional Insured - Specified Relationships

- a.** The following is hereby added to **SECTION II - WHO IS AN INSURED:**

- (1) Any person or organization described in Paragraph **9.a.(2)** below (hereinafter referred to as additional insured) whom you are required to add as an additional insured under this Coverage Part by reason of:

- (a) A written contract or agreement; or
- (b) An oral agreement or contract where a certificate of insurance showing that person or organization as an additional insured has been issued,

is an insured, provided:

- (a) The written or oral contract or agreement is:

- 1) Currently in effect or becomes effective during the policy period; and
- 2) Executed prior to an "occurrence" or offense to which this insurance would apply; and

- (b) They are not specifically named as an additional insured under any other provision of, or endorsement added to, this Coverage Part.

- (2) Only the following persons or organizations are additional insureds under this endorsement, and insurance coverage provided to such additional insureds is limited as provided herein:

- (a) The manager or lessor of a premises leased to you with whom you have agreed per Paragraph **9.a.(1)** above to provide insurance, but only with respect to liability arising out of the ownership, maintenance or use of that part of a premises leased to you, subject to the following additional exclusions:

This insurance does not apply to:

- 1) Any "occurrence" which takes place after

you cease to be a tenant in that premises.

- 2) Structural alterations, new construction or demolition operations performed by or on behalf of such additional insured.
- (b) Any person or organization from which you lease equipment with whom you have agreed per Paragraph **9.a.(1)** above to provide insurance. Such person(s) or organization(s) are insureds solely with respect to their liability arising out of the maintenance, operation or use by you of equipment leased to you by such person(s) or organizations(s). However, this insurance does not apply to any "occurrence" which takes place after the equipment lease expires.
- (c) Any person or organization (referred to below as vendor) with whom you have agreed per Paragraph **9.a.(1)** above to provide insurance, but only with respect to "bodily injury" or "property damage" arising out of "your products" which are distributed or sold in the regular course of the vendor's business, subject to the following additional exclusions:
- 1) The insurance afforded the vendor does not apply to:
 - a) "Bodily injury" or "property damage" for which the vendor is obligated to pay damages by reason of the assumption of liability in a contract or agreement. This exclusion does not apply to liability for damages that the vendor would have in the absence of the contract or agreement;
 - b) Any express warranty unauthorized by you;
 - c) Any physical or chemical change in the product made intentionally by the vendor;
 - d) Repackaging, unless unpacked solely for the purpose of inspection, demonstration, testing, or the substitution of parts under instructions from the manufacturer, and then repackaged in the original container;
 - e) Any failure to make such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products;
 - f) Demonstration, installation, servicing or repair operations, except such operations performed at the vendor's premises in connection with the sale of the product;
 - g) Products which, after distribution or sale by you, have been labeled or relabeled or used as a container, part or ingredient of any other thing or substance by or for the vendor.
- 2) This insurance does not apply to any insured person or organization:
- a) From whom you have acquired such products, or any ingredient, part or container, entering into, ac-

companying or containing such products; or

- b) When liability included within the "products-completed operations hazard" has been excluded under this Coverage Part with respect to such products.

- (d) Any state or political subdivision with which you have agreed per Paragraph **9.a.(1)** above to provide insurance, subject to the following additional provision:

This insurance applies only with respect to the following hazards for which the state or political subdivision has issued a permit in connection with premises you own, rent or control and to which this insurance applies:

- 1) The existence, maintenance, repair, construction, erection, or removal of advertising signs, awnings, canopies, cellar entrances, coal holes, driveways, manholes, marquees, hoist away openings, sidewalk vaults, street banners, or decorations and similar exposures; or
- 2) The construction, erection, or removal of elevators; or
- 3) The ownership, maintenance, or use of any elevators covered by this insurance.

- (e) Any state or political subdivision with which you have agreed per Paragraph **9.a.(1)** above to provide insurance, subject to the following provisions:

- 1) This insurance applies only with respect to operations performed by you or on your behalf for which the state or political subdivision has issued a permit.

- 2) This insurance does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the state or political subdivision.

- (f) Any person or organization with which you have agreed per Paragraph **9.a.(1)** above to provide insurance, but only with respect to liability arising out of "your work" performed for that additional insured by you or on your behalf. A person or organization's status as an insured under this provision of this endorsement continues for only the period of time required by the written contract or agreement, but in no event beyond the expiration date of this Coverage Part. If there is no written contract or agreement, or if no period of time is required by the written contract or agreement, a person or organization's status as an insured under this endorsement ends when your operations for that insured are completed.

- (3) Any insurance provided to an additional insured designated under Paragraph **9.a.(2)**:

- (a) Subparagraphs (e) and (f) does not apply to "bodily injury" or "property damage" included within the "products-completed operations hazard";

- (b) Subparagraphs (a), (b), (d), (e) and (f) does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of the sole negligence or willful misconduct of the additional insured or their agents, "employees" or any other representative of the additional insured; or

- (c) Subparagraph (f) does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of:

- 1) Defects in design furnished by or on behalf

of the additional insured; or

- 2) The rendering of, or failure to render, any professional architectural, engineering or surveying services, including:
 - a) The preparing, approving or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and
 - b) Supervisory, inspection, architectural or engineering activities.
- 3) "Your work" for which a consolidated (wrap-up) insurance program has been provided by the primecontractor-project manager or owner of the construction project in which you are involved.

- b. Only with regard to insurance provided to an additional insured designated under Paragraph **9.a.(2)** Subparagraph **(f)** above, **SECTION III - LIMITS OF INSURANCE** is amended to include:

The limits applicable to the additional insured are those specified in the written contract or agreement or in the Declarations of this Coverage Part, whichever are less. If no limits are specified in the written contract or agreement, or if there is no written contract or agreement, the limits applicable to the additional insured are those specified in the Declarations of this Coverage Part. The limits of insurance are inclusive of and not in addition to the limits of insurance shown in the Declarations.

- c. **SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS** is hereby amended as follows:

- (1) Condition **5. Other Insurance** is amended to include:
 - (a) Where required by a written contract or agreement, this insurance is primary and / or noncontributory as re-

spects any other insurance policy issued to the additional insured, and such other insurance policy shall be excess and / or noncontributing, whichever applies, with this insurance.

- (b) Any insurance provided by this endorsement shall be primary to other insurance available to the additional insured except:

- 1) As otherwise provided in **SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS, 5. Other Insurance, b. Excess Insurance**; or

- 2) For any other valid and collectible insurance available to the additional insured by attachment of an endorsement to another insurance policy that is written on an excess basis. In such case, the coverage provided under this endorsement shall also be excess.

- (2) Condition **11. Conformance to Specific Written Contract or Agreement** is hereby added:

11. Conformance to Specific Written Contract or Agreement

With respect to additional insureds described in Paragraph **9.a.(2)(f)** above only:

If a written contract or agreement between you and the additional insured specifies that coverage for the additional insured:

- a. Be provided by the Insurance Services Office additional insured form number **CG 20 10** or **CG 20 37** (where edition specified); or
- b. Include coverage for completed operations; or
- c. Include coverage for "your work";

and where the limits or coverage provided to the addi-

tional insured is more restrictive than was specifically required in that written contract or agreement, the terms of Paragraphs **9.a.(3)(a)**, **9.a.(3)(b)** or **9.b.** above, or any combination thereof, shall be interpreted as providing the limits or coverage required by the terms of the written contract or agreement, but only to the extent that such limits or coverage is included within the terms of the Coverage Part to which this endorsement is attached. If, however, the written contract or agreement specifies the Insurance Services Office additional insured form number **CG 20 10** but does not specify which edition, or specifies an edition that does not exist, Paragraphs **9.a.(3)(a)** and **9.a.(3)(b)** of this endorsement shall not apply and Paragraph **9.b.** of this endorsement shall apply.

10. Broadened Contractual Liability - Work Within 50' of Railroad Property

It is hereby agreed that Paragraph **f.(1)** of Definition **12.** "Insured contract" (**SECTION V - DEFINITIONS**) is deleted.

11. Property Damage to Borrowed Equipment

- a. The following is hereby added to Exclusion **j. Damage to Property** of Paragraph **2., Exclusions** of **SECTION I - COVERAGES, COVERAGE A. BODILY INJURY AND PROPERTY DAMAGE LIABILITY:**

Paragraphs **(3)** and **(4)** of this exclusion do not apply to tools or equipment loaned to you, provided they are not being used to perform operations at the time of loss.

- b. With respect to the insurance provided by this section of the endorsement, the following additional provisions apply:

(1) The Limits of insurance shown in the Declarations are replaced by the limits designated in Section **B. Limits of Insurance, 11.** of this endorsement with respect to coverage provided by this endorsement. These limits are inclusive of and not in addition to the limits being replaced. The Limits of Insurance shown in Section **B. Limits of Insurance,**

11. of this endorsement fix the most we will pay in any one "occurrence" regardless of the number of:

- (a)** Insureds;
- (b)** Claims made or "suits" brought; or
- (c)** Persons or organizations making claims or bring "suits".

(2) Deductible Clause

(a) Our obligation to pay damages on your behalf applies only to the amount of damages for each "occurrence" which are in excess of the Deductible amount stated in Section **B. Limits of Insurance, 11.** of this endorsement. The limits of insurance will not be reduced by the application of such Deductible amount.

(b) Condition **2. Duties in the Event of Occurrence, Offense, Claim or Suit,** applies to each claim or "suit" irrespective of the amount.

(c) We may pay any part or all of the deductible amount to effect settlement of any claim or "suit" and, upon notification of the action taken, you shall promptly reimburse us for such part of the deductible amount as has been paid by us.

12. Employees as Insureds - Specified Health Care Services

It is hereby agreed that Paragraph **2.a.(1)(d)** of **SECTION II - WHO IS AN INSURED,** does not apply to your "employees" who provide professional health care services on your behalf as duly licensed:

- a.** Nurses;
- b.** Emergency Medical Technicians; or
- c.** Paramedics,

in the jurisdiction where an "occurrence" or offense to which this insurance applies takes place.

13. Broadened Notice of Occurrence

Paragraph **a.** of Condition **2. Duties in the Event of Occurrence, Offense, Claim or Suit (SECTION IV - COMMERCIAL GENERAL LIABILITY CONDI-**

TIONS) is hereby deleted and replaced by the following:

a. You must see to it that we are notified as soon as practicable of an "occurrence" or an offense which may result in a claim. To the extent possible, notice should include:

(1) How, when and where the "occurrence" or offense took place;

(2) The names and addresses of any injured persons and witnesses; and

(3) The nature and location of any injury or damage arising out of the "occurrence" or offense.

This requirement applies only when the "occurrence" or offense is known to an "authorized representative".

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

IF YOU ARE REQUIRED BY A WRITTEN CONTRACT OR AGREEMENT,
WHICH IS EXECUTED BEFORE A LOSS, TO WAIVE YOUR RIGHTS OF
RECOVERY FROM OTHERS, WE AGREE TO WAIVE OUR RIGHT OF
RECOVERY.

THIS WAIVER OF RIGHTS APPLIES TO ANY PERSON OR ORGANIZATION
FOR WHOM THE NAMED INSURED HAS AGREED BY WRITTEN CONTRACT TO
FURNISH THIS WAIVER, BUT SHALL NOT BE CONSTRUED TO BE A
WAIVER WITH RESPECT TO ANY OTHER OPERATIONS IN WHICH THE
INSURED HAS NO CONTRACTUAL INTEREST.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 03/01/2018 Policy No. EWC0477308 Endorsement No.

Insured Minger Construction Companies Inc

Premium \$ **Incl.**

Insurance Company

Countersigned by _____

CITY OF LINCOLN, NEBRASKA STEVENS CREEK PHASE V SANITARY SEWER PROJECT

CITY PROJECT No. 701863
DATE: OCTOBER 2017

BID DOCUMENTS



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BID ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT
01	MOBILIZATION/DEMobilIZATION	1	1	LS
02	CLEARING AND GRUBBING	1	1	LS
03	CONSTRUCTION STAKES	1	1	LS
04	DEWARING AND SURFACE WATER CONTROL	1	1	LS
05	SHEDDING SAND/SAND/SANITARY SEWER CONNECTION	1	1	EA
06	CONSTRUCT 34-INCH SANITARY SEWER	8940		LF
07	CONSTRUCTION AND ADDITIONAL TRENCH STABILIZATION	3000		CY
08	CONSTRUCT 34-INCH SANITARY SEWER	3000		LF
09	CONSTRUCT TRENCH PROTECTIVE MATERIALS	3000		LF
10	CONSTRUCT TRENCH PROTECTIVE MATERIALS	3000		LF
11	CONSTRUCT SANITARY SEWER MANHOLE	2	2	EA
12	CONSTRUCT SHAFT	1	1	EA
13	MICROCHANNEL 34-INCH SANITARY SEWER	192		LF
14	CONTACT BRIDGING	20		CY
15	SETTLEMENT MONITORING	1	1	LS
16	CONSTRUCT 14-INCH SWIRE CONCRETE ENCLOSURE	100		LF
17	CONSTRUCT 14-INCH SWIRE CONCRETE ENCLOSURE	100		LF
18	CONSTRUCT 14-INCH SWIRE CONCRETE ENCLOSURE	100		LF
19	CONSTRUCT 14-INCH SWIRE CONCRETE ENCLOSURE	100		LF
20	REMOVE AND REPLACE EXISTING TILE	3200		LF
21	REMOVE AND REPLACE EXISTING TILE	800		LF
22	TEMPORARY FENCING, CONTROLS, AND ACCESS	1	1	LS
23	TEMPORARY FENCING, CONTROLS, AND ACCESS	1	1	LS
24	SEEDING, TYPICALLY	4.1		AC
25	SEEDING, TYPICALLY	0.3		AC
26	SEEDING, TYPICALLY	0.3		AC
27	SEEDING, TYPICALLY	0.3		AC
28	SEEDING, TYPICALLY	0.3		AC
29	SEEDING, TYPICALLY	0.3		AC
30	SEEDING, TYPICALLY	0.3		AC
31	SEEDING, TYPICALLY	0.3		AC
32	SEEDING, TYPICALLY	0.3		AC
33	SEEDING, TYPICALLY	0.3		AC
34	SEEDING, TYPICALLY	0.3		AC
35	SEEDING, TYPICALLY	0.3		AC
36	SEEDING, TYPICALLY	0.3		AC
37	SEEDING, TYPICALLY	0.3		AC
38	SEEDING, TYPICALLY	0.3		AC
39	SEEDING, TYPICALLY	0.3		AC
40	SEEDING, TYPICALLY	0.3		AC
41	SEEDING, TYPICALLY	0.3		AC
42	SEEDING, TYPICALLY	0.3		AC
43	SEEDING, TYPICALLY	0.3		AC
44	SEEDING, TYPICALLY	0.3		AC

DRAWING INDEX

SHEET NO.	DWG NO.
1	G-01
2	G-02
3	G-03
4	G-04
5	G-05
6	G-06
7	G-07
8	G-08

GENERAL

- COVER SHEET
- LOCATION MAP AND LOCATION MAP
- ABBREVIATIONS, GENERAL NOTES AND CIVIL LEGEND
- CONTROL POINT DATA
- CONTROL POINT DATA
- CONTROL POINT DATA
- DETOUR PLAN

EASEMENT

- 01C-01 EASEMENT SHEET LAYOUT
- 01C-02 EASEMENT SHEET 1
- 01C-03 EASEMENT SHEET 2
- 01C-04 EASEMENT SHEET 3
- 01C-05 EASEMENT SHEET 4
- 01C-06 EASEMENT SHEET 5
- 01C-07 EASEMENT SHEET 6
- 01C-08 EASEMENT SHEET 7
- 01C-09 EASEMENT SHEET 8

SEWER PLAN AND PROFILES

- 10C-01 PLAN AND PROFILE SHEET LAYOUT
- 10C-02 PLAN AND PROFILE STA 10+00 TO 21+00
- 10C-03 PLAN AND PROFILE STA 21+00 TO 33+00
- 10C-04 PLAN AND PROFILE STA 33+00 TO 45+00
- 10C-05 PLAN AND PROFILE STA 45+00 TO 57+00
- 10C-06 PLAN AND PROFILE STA 57+00 TO 69+00
- 10C-07 PLAN AND PROFILE STA 69+00 TO 81+00
- 10C-08 PLAN AND PROFILE STA 81+00 TO 93+00
- 10C-09 PLAN AND PROFILE STA 93+00 TO 105+00

STREAM AND WETLAND RESTORATION

- 20C01 STREAM CROSSING AND RESTORATION PLAN VICINITY MAP
- 20C02 STREAM CROSSING AND RESTORATION PLAN VICINITY MAP
- 20C03 STREAM CROSSING DETAILS

SWPPP

- 30C01 SWPPP SHEET LAYOUT
- 30C02 SWPPP STA 10+00 TO 21+00
- 30C03 SWPPP STA 21+00 TO 33+00
- 30C04 SWPPP STA 33+00 TO 45+00
- 30C05 SWPPP STA 45+00 TO 57+00
- 30C06 SWPPP STA 57+00 TO 69+00
- 30C07 SWPPP STA 69+00 TO 81+00
- 30C08 SWPPP STA 81+00 TO 93+00
- 30C09 SWPPP STA 93+00 TO 105+00

SEWER DETAILS

- 100C01 PIPE TRENCH, BEDDING AND BACKFILL DETAILS
- 100C02 CONCRETE MANHOLE
- 100C03 CONCRETE TEE BASE MANHOLE
- 100C04 MISC DETAILS
- 100C05 MISC DETAILS
- 100C06 MISC DETAILS

COR. NO.	1042A.10
DRAWING NO.	00G-01
SHEET NO.	1 OF 42

XXXX-XX

PROJECT NO: 1042A.10

FILENAME: 1042A100001.dwg

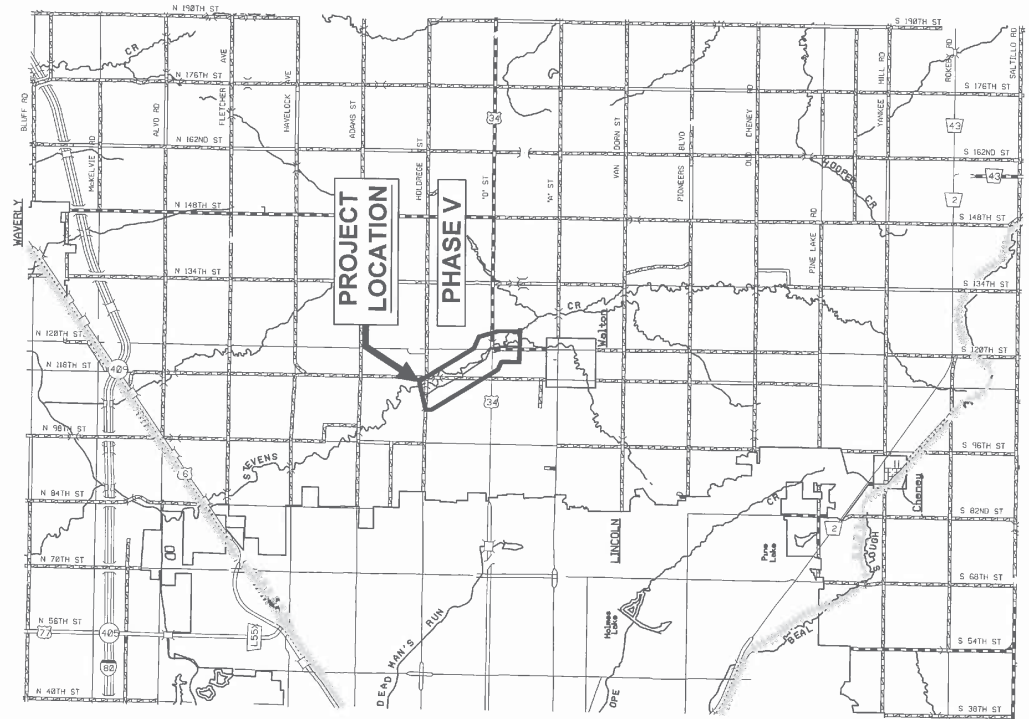
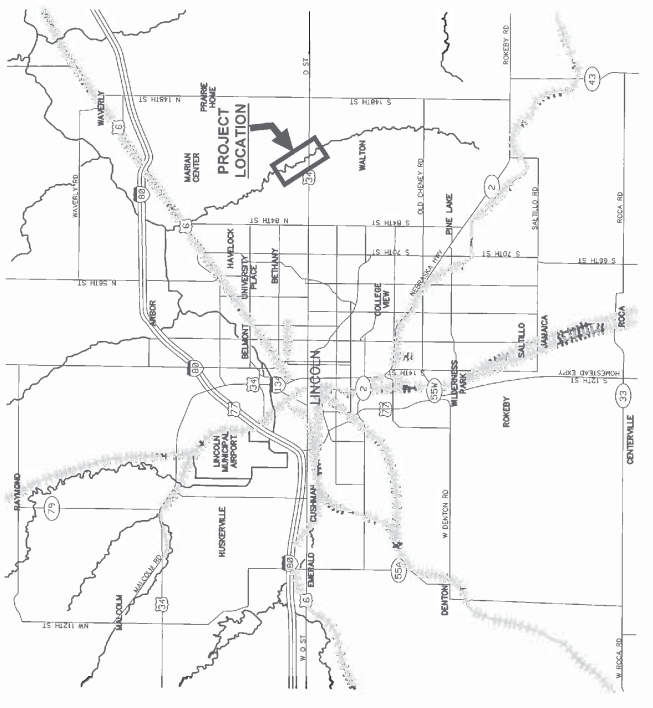
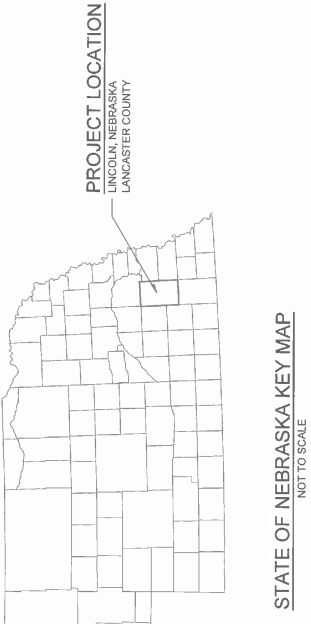
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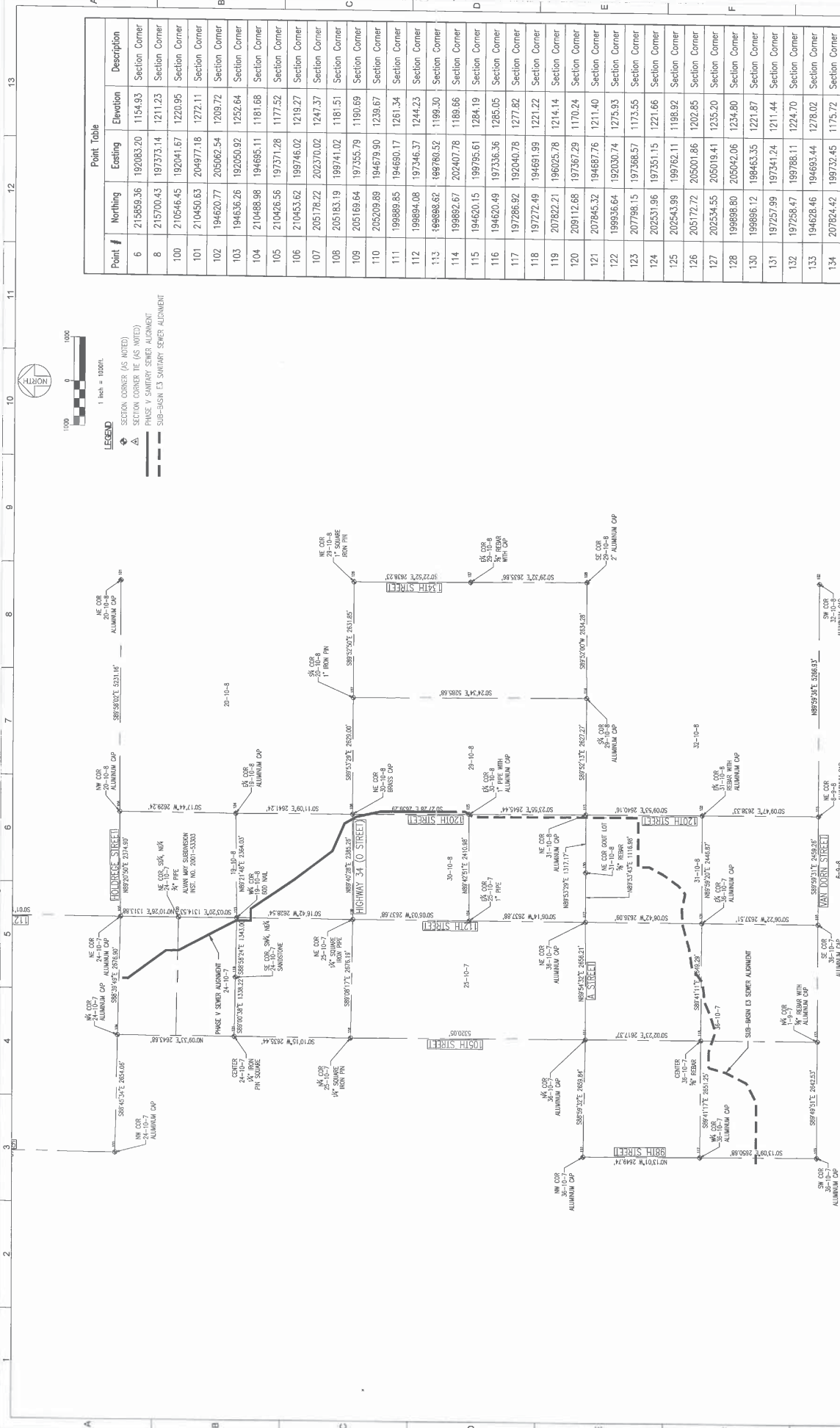
A B C D E F G

13 12 11 10 9 8 7 6 5 4 3 2 1

Y X



REV	DATE	BY	DESCRIPTION	VICINITY MAP NOT TO SCALE						 Diggers Hotline Of Nebraska Statewide (800) 331-5599 Miss Omaha (404) 5586 Call Before You Dig... Be The Law	CITY OF LINCOLN, NE STEVENS CREEK PHASE V SANITARY SEWER PROJECT GENERAL STATE MAP, VICINITY MAP AND LOCATION MAP	VERIFY SCALES MAKE ONE INCH ON ORIGINAL DRAWING 0 1"	PROJECT NO. 1042A.10 DRAWING NO. 00G-02 SHEET NO. 2 OF 42
				DESIGNED	DRAWN	CHECKED	DATE						



1 inch = 1000'

- LEGEND**
- SECTION CORNER (AS NOTED)
 - SECTION CORNER (AS NOTED)
 - PHASE V SANITARY SEWER ALIGNMENT
 - SUB-BASIN E3 SANITARY SEWER ALIGNMENT

Point #	Northing	Easting	Elevation	Description
6	215859.36	192083.20	1154.93	Section Corner
8	215700.43	197373.14	1211.23	Section Corner
100	210546.45	192041.67	1220.95	Section Corner
101	210450.63	204977.18	1272.11	Section Corner
102	194620.77	205062.54	1209.72	Section Corner
103	194536.26	192050.92	1252.64	Section Corner
104	210488.98	194695.11	1181.68	Section Corner
105	210426.56	197371.28	1177.52	Section Corner
106	210453.62	199746.02	1219.27	Section Corner
107	205178.22	202370.02	1247.37	Section Corner
108	205183.19	199741.02	1181.51	Section Corner
109	205169.64	197355.79	1190.69	Section Corner
110	205209.89	194679.90	1239.67	Section Corner
111	199889.85	194690.17	1261.34	Section Corner
112	198894.08	197346.37	1244.23	Section Corner
113	199888.82	199786.52	1199.30	Section Corner
114	199892.67	202407.76	1189.86	Section Corner
115	194620.15	199795.61	1284.19	Section Corner
116	194620.49	197336.36	1285.05	Section Corner
117	197286.92	192040.78	1277.82	Section Corner
118	197272.49	194691.99	1221.22	Section Corner
119	207822.21	190025.78	1214.14	Section Corner
120	209112.68	197387.29	1170.24	Section Corner
121	207845.32	194687.76	1211.40	Section Corner
122	199936.64	192030.74	1275.93	Section Corner
123	207798.15	197388.57	1173.55	Section Corner
124	202531.96	197351.15	1221.66	Section Corner
125	202543.99	199762.11	1198.92	Section Corner
126	205172.72	205001.86	1202.85	Section Corner
127	202534.55	205019.41	1235.20	Section Corner
128	199898.80	205042.06	1234.80	Section Corner
130	199896.12	199463.35	1221.87	Section Corner
131	197257.99	197341.24	1211.44	Section Corner
132	197258.47	199788.11	1224.70	Section Corner
133	194628.46	194693.44	1278.02	Section Corner
134	207824.42	199732.45	1175.72	Section Corner

VERIFY SCALES

FOR US: 1" = 1000.00'
 FOR M: 1" = 1000.00'

DATE: 10/20/2017
 DRAWN: MJS
 CHECKED: MJS
 DATE: 10/20/2017

CITY OF LINCOLN, NE

STEVENS CREEK PHASE V SANITARY SEWER PROJECT

CONTROL POINT DATA

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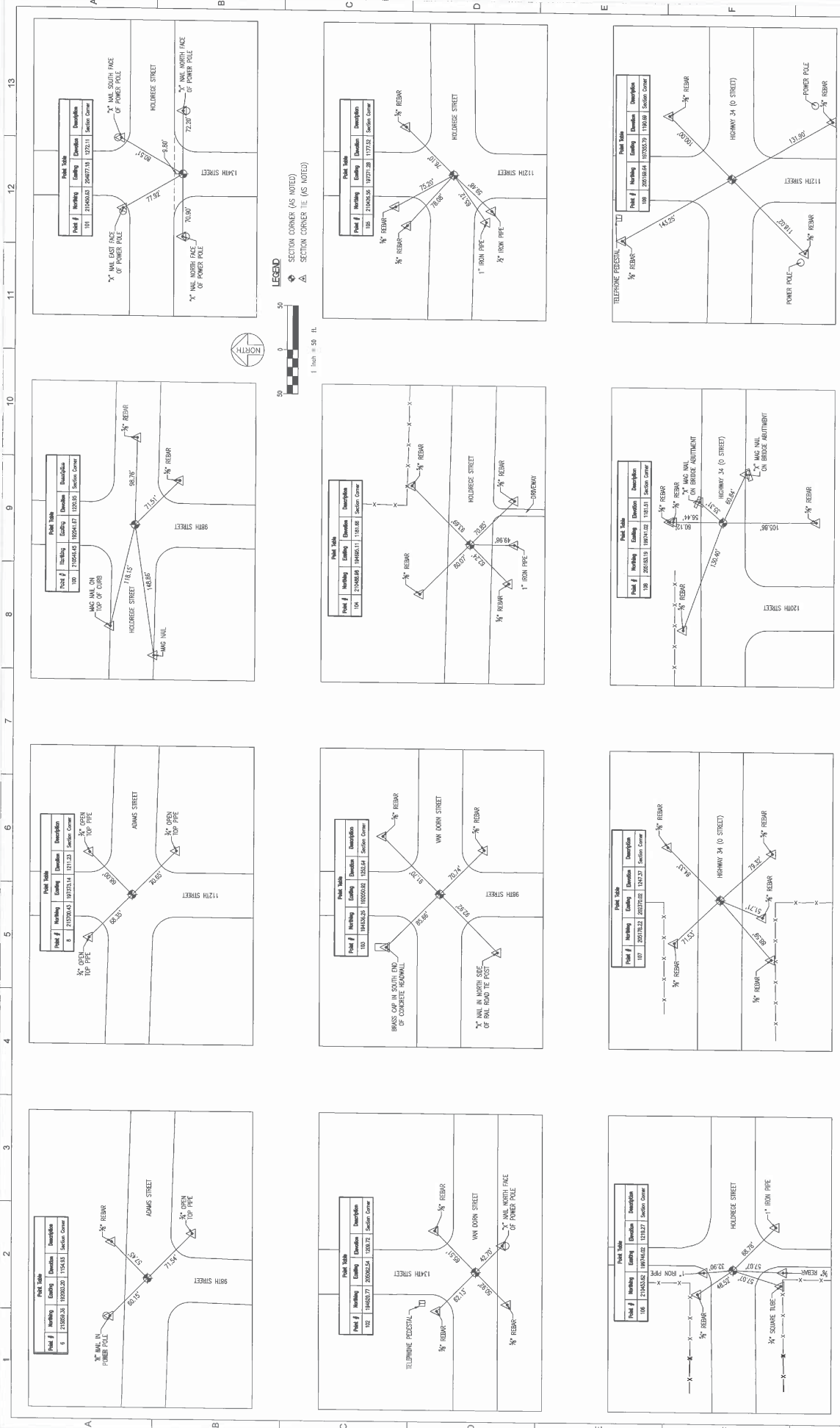
Diggers Hotline of Nebraska
 Nebraska (800) 331-5669
 Missouri (402) 344-5656
 Call Before You Dig. It's The Law.

DESIGNED: MJS
 DRAWN: MJS
 CHECKED: MJS
 DATE: 10/20/2017

REVISIONS:

REV	DATE	BY	DESCRIPTION

SHEET NO. 00G-04
 OF 04



Point #	Marking	Elevation	Description
101	112040.63	264777.10	122.11 Section Corner

Point #	Marking	Elevation	Description
102	114482.17	260624.54	120.72 Section Corner

Point #	Marking	Elevation	Description
103	114482.17	260624.54	120.72 Section Corner

Point #	Marking	Elevation	Description
104	210080.08	184925.11	110.02 Section Corner

Point #	Marking	Elevation	Description
105	210080.08	184925.11	110.02 Section Corner

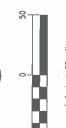
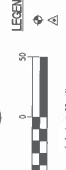
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106	210080.08	184925.11	110.02 Section Corner

Point #	Marking	Elevation	Description
107	205742.2	202702.02	1247.27 Section Corner

Point #	Marking	Elevation	Description
108	200248.64	122522.25	119.26 Section Corner

Point #	Marking	Elevation	Description
109	210404.63	264777.10	122.11 Section Corner

Point #	Marking	Elevation	Description
110	210404.63	264777.10	122.11 Section Corner



DESIGNED: MAJS
 DRAWN: MAJS
 CHECKED: MAJS
 DATE: OCTOBER 2017

DESIGNER'S SEAL: MAJS, CIVIL ENGINEER, STATE OF NEBRASKA

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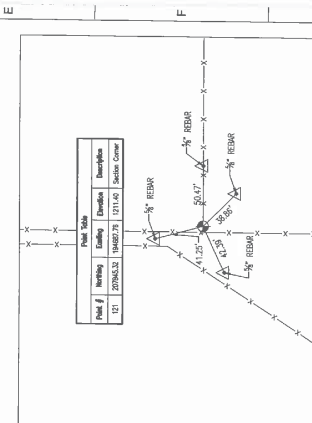
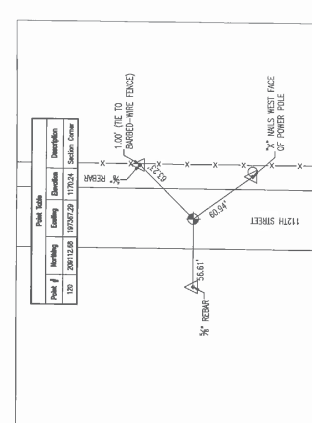
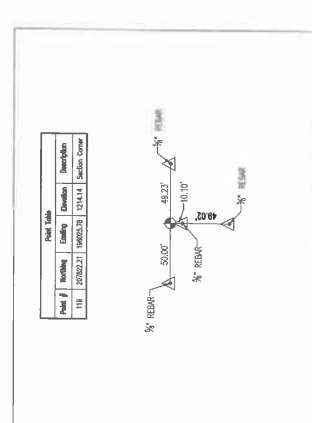
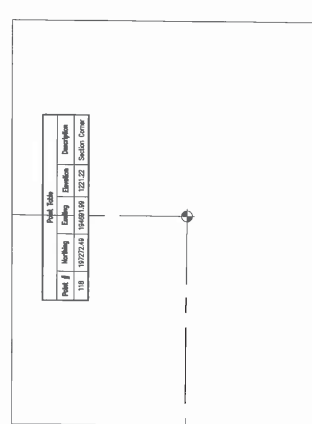
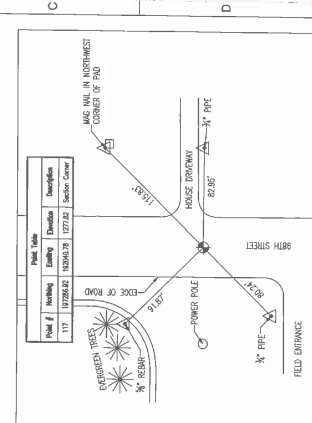
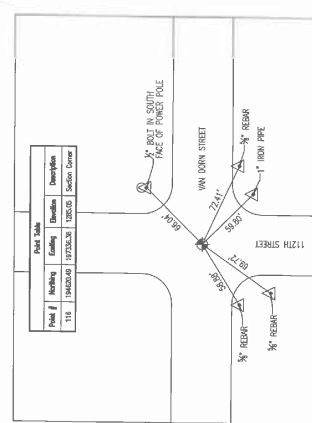
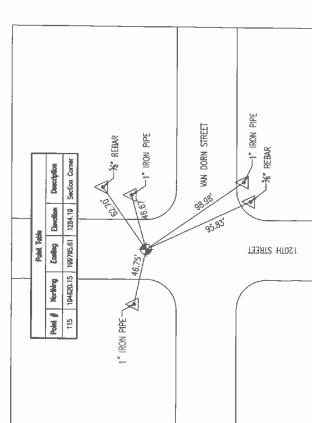
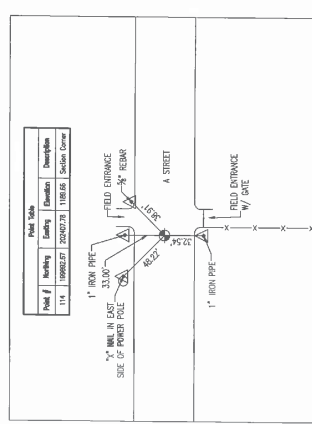
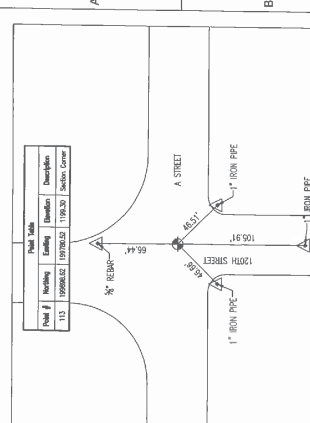
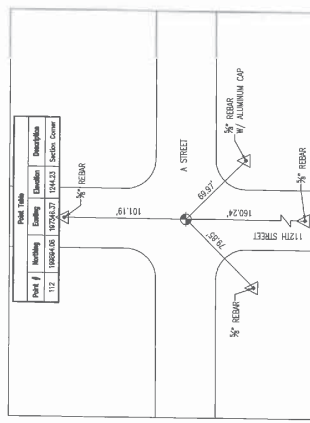
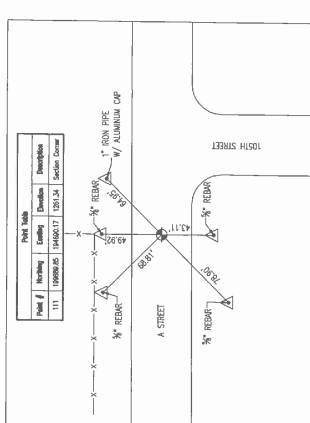
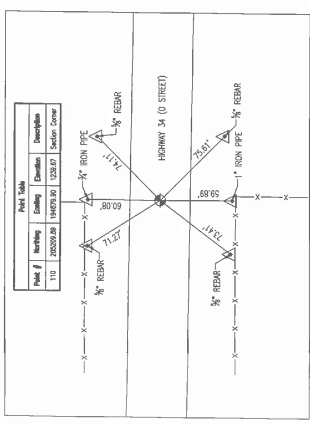
Diggers Hotline of Nebraska
 Schedules (800) 331-5866
 Omaha, Nebraska 68105
 Call Before You Dig. It's The Law.

CITY OF LINCOLN, NE
 STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 CONTROL POINT DATA

VERIFY SCALES
 50% H.S. 10/4/2018
 DRAWN BY: MAJS
 00G-05
 SHEET NO. 5 OF 42

REV	DATE	BY	DESCRIPTION

1 2 3 4 5 6 7 8 9 10 11 12 13



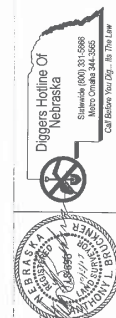
LEGEND

SECTION CORNER (AS NOTED)

SECTION CORNER TIC (AS NOTED)

1" = 50' FT.

REV	DATE	BY	DESCRIPTION



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CITY OF LINCOLN, NE

STEVENS CREEK PHASE V SANITARY SEWER PROJECT

CONTROL POINT DATA

VERIFY SCALES

THIS PLAN 1/4" = 10'

ORIGINAL DRAWING 0

IF NOT ONE INCH ON SCALE AS INDICATED

DATE: 10/23/2017

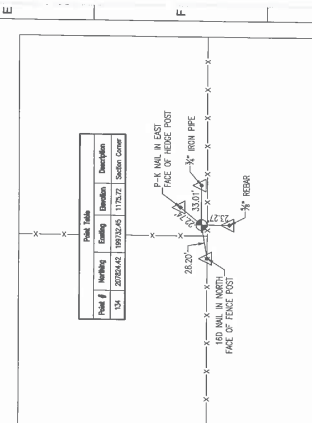
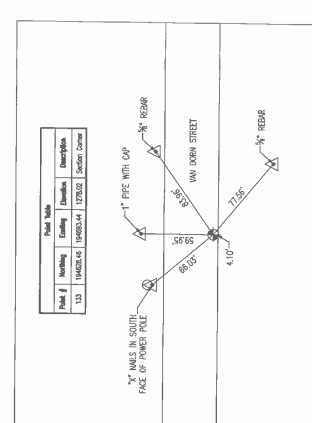
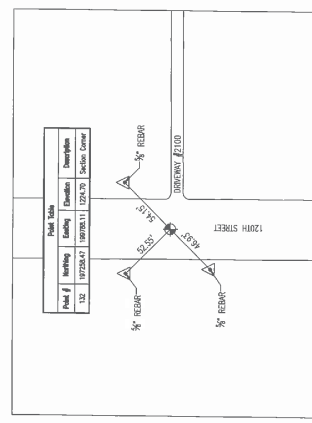
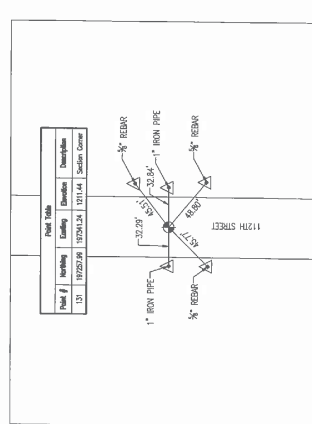
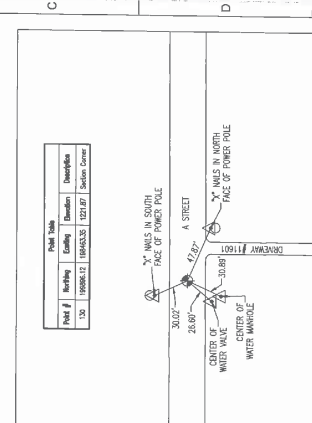
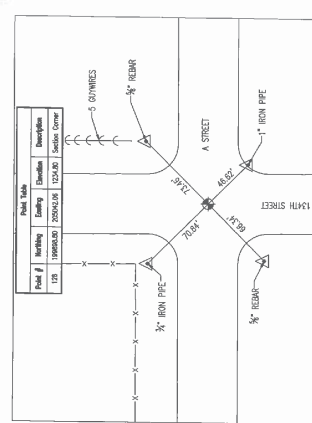
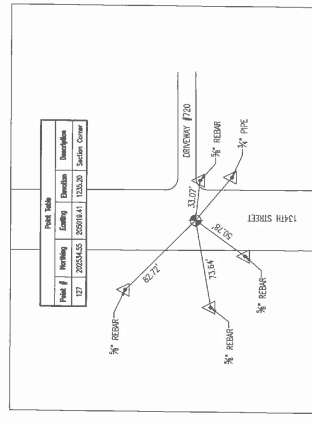
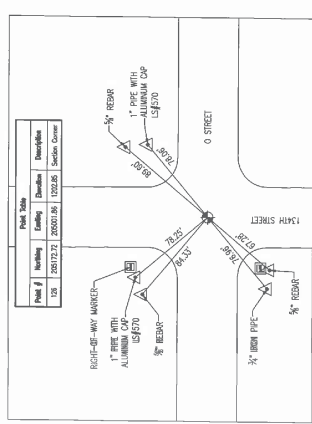
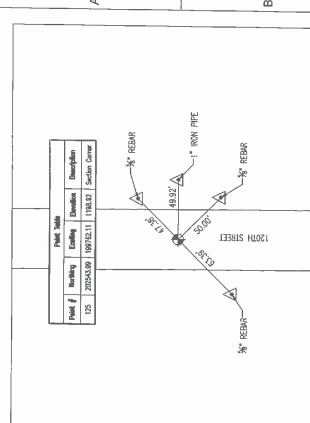
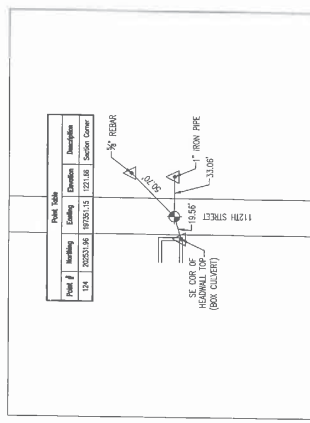
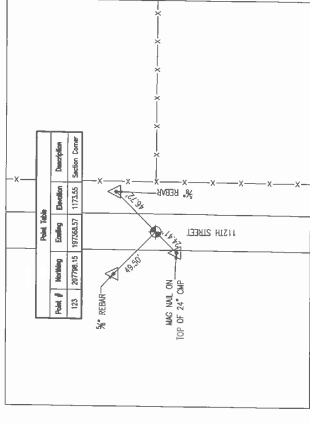
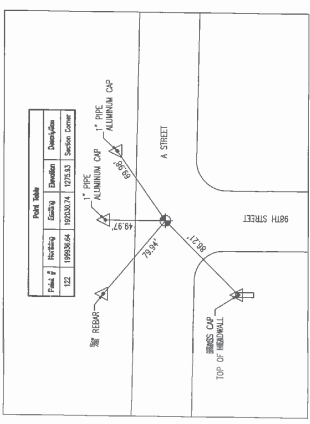
DRAWN BY: MAJS

CHECKED BY: MAJS

DATE: OCTOBER 2017

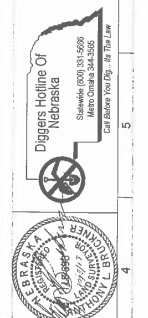
SHEET NO. 00G-06

SHEET TOTAL 6 OF 42



REV	DATE	BY	DESCRIPTION

DESIGNED	MJS	DATE	OCTOBER 2017
DRAWN	DMK	DATE	
CHECKED	MJS	DATE	



Digests Hottline Of NECESSITY
 Kansas (800) 331-5999
 Missouri (800) 344-5555
 Call Before You Dig... In The Law

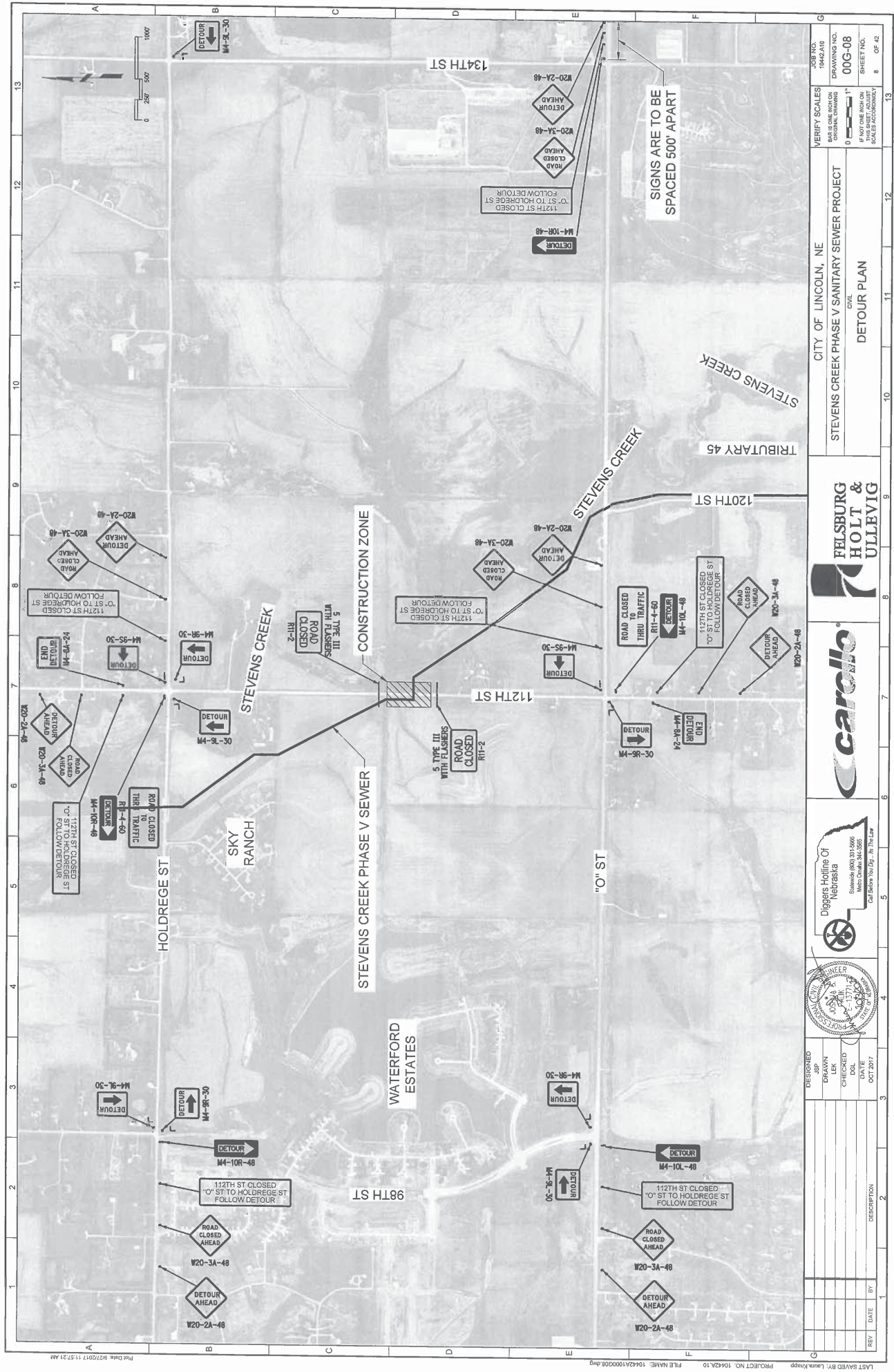
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CITY OF LINCOLN, NE
 STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 CONTROL POINT DATA

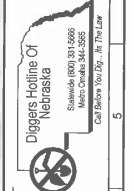
VERIFY SCALES	DATE	BY
AS SHOWN	10/4/2017	MJS
AS SHOWN	10/4/2017	DMK
AS SHOWN	10/4/2017	MJS

0 1" = 100' (AS SHOWN)
 1" = 100' (AS SHOWN)
 1" = 100' (AS SHOWN)

PROJECT NO.	00G-07
SHEET NO.	7 OF 42



LAST SAVED BY: Lmks.knapp PROJECT NO: 10442A.10 FILE NAME: 10442A1000008.dwg
 DRAWING NO: 00G-08 SHEET NO.: 8 OF 42
 CITY OF LINCOLN, NE
 STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 CIVIL
 DETOUR PLAN
 FELLSBURG & HOLT & ULLEVIG
 carollo

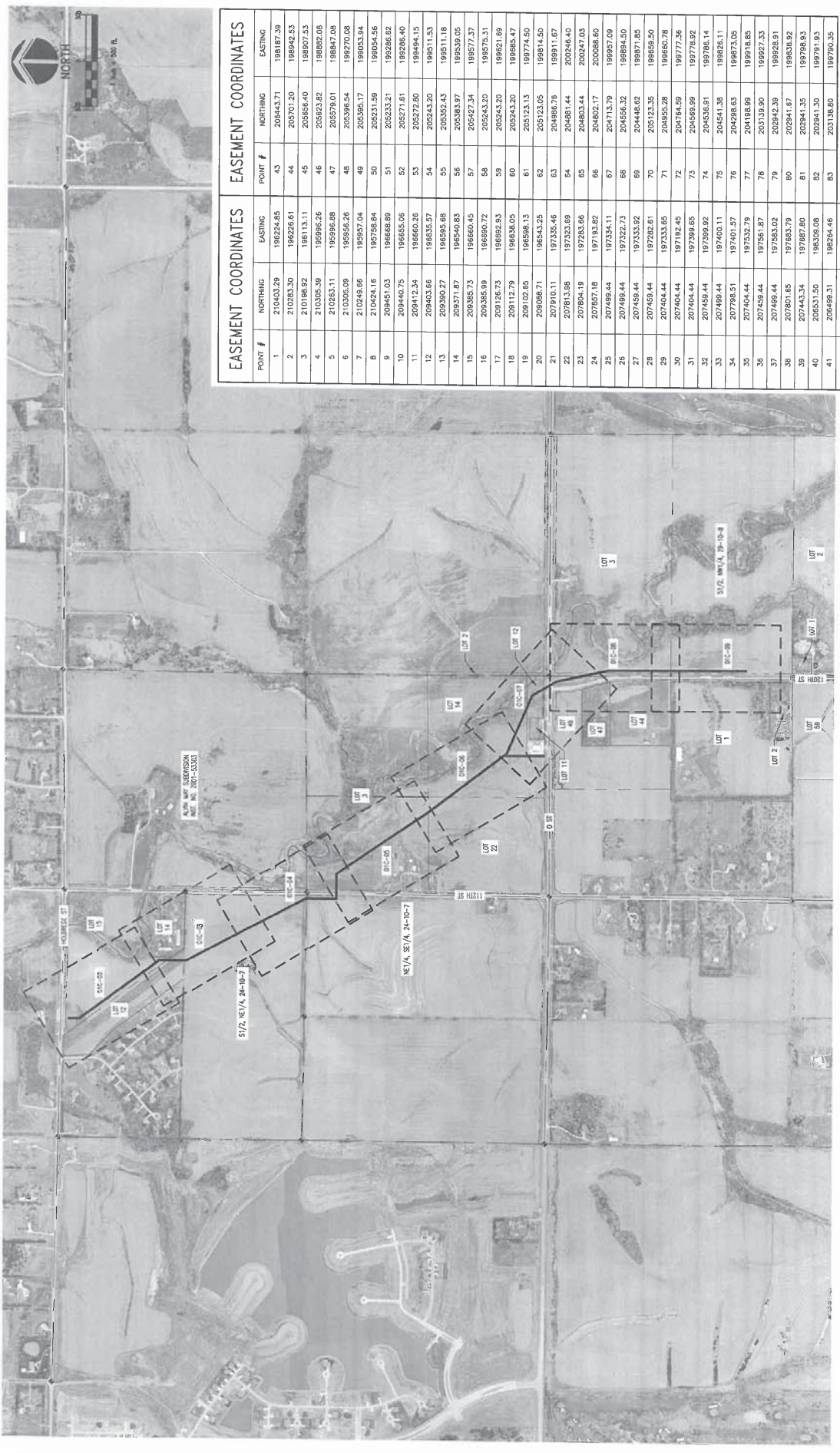


REVISION	DATE	BY	DESCRIPTION

DESIGNED BY: JDP	CHECKED BY: DSK	DATE: OCT 2017
DRAWN BY: LSK	DATE: OCT 2017	

Digress Hotline Of Nebraska
 800.331.6996
 www.digress.net
 Call Before You Dig... It's The Law

13 12 11 10 9 8 7 6 5 4 3 2 1



EASEMENT COORDINATES			EASEMENT COORDINATES		
POINT #	NORTHING	EASTING	POINT #	NORTHING	EASTING
1	210403.29	186224.65	43	205443.71	198187.39
2	210283.30	186226.61	44	205701.20	188942.53
3	210188.92	186113.11	45	205656.40	188907.53
4	210305.39	185986.26	46	205623.82	188892.06
5	210263.11	185986.88	47	205579.01	188847.08
6	210305.09	185856.26	48	205586.54	188770.08
7	210248.66	185937.04	49	205395.17	189053.84
8	210424.16	185758.84	50	205231.59	189054.56
9	209451.03	186668.89	51	205233.21	189286.62
10	209440.75	186555.06	52	205271.61	189286.40
11	209412.34	186660.26	53	205272.80	189494.15
12	209403.66	186535.57	54	205243.20	189511.53
13	209390.27	186595.68	55	205352.43	189511.18
14	209321.87	186540.83	56	205383.97	189539.05
15	209385.73	186660.45	57	205427.34	189577.37
16	209385.99	186680.72	58	205243.20	189575.31
17	209126.73	186892.83	59	205243.20	189821.69
18	209112.79	186838.05	60	205243.20	189885.47
19	209102.85	186598.13	61	205123.13	189774.50
20	209088.71	186543.25	62	205123.05	189814.50
21	207910.11	187335.46	63	204886.76	189811.67
22	207813.88	187333.69	64	204881.44	200248.40
23	207804.19	187333.66	65	204883.44	200247.03
24	207857.18	187153.62	66	204802.17	200088.60
25	207496.44	187334.11	67	204713.79	199897.09
26	207496.44	187322.73	68	204448.62	199884.50
27	207459.44	187333.92	69	204448.62	199871.85
28	207459.44	187282.61	70	205123.35	189859.50
29	207404.44	187333.65	71	204955.28	189860.78
30	207404.44	187182.45	72	204764.59	189777.36
31	207404.44	187399.65	73	204569.99	189778.92
32	207459.44	187399.62	74	204536.91	189786.14
33	207496.44	187400.11	75	204541.38	189828.11
34	207396.51	187401.87	76	204298.63	189873.05
35	207404.44	187332.79	77	204189.69	189818.85
36	207459.44	187352.187	78	204139.90	189827.33
37	207496.44	187583.02	79	203942.39	189828.91
38	207801.85	187683.79	80	203844.67	189838.92
39	207443.34	187687.60	81	202841.35	189798.93
40	206551.50	186509.08	82	202841.30	189791.83
41	206499.31	186264.46	83	203138.60	189790.35
42	205475.90	186232.01			

DESIGNED: MJS
 DRAWN: MJS
 CHECKED: MJS
 DATE: OCTOBER 2017

DESCRIPTION: EASEMENT SHEET LAYOUT

VERIFIED SCALES: 1" = 40' US, 1" = 100' SI
 BAR ONE INCH ON GRAPHIC DRAWING
 IF NOT ONE INCH ON SCALES ACCORDINGLY

CITY OF LINCOLN, NE
 STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 EASEMENT SHEET LAYOUT

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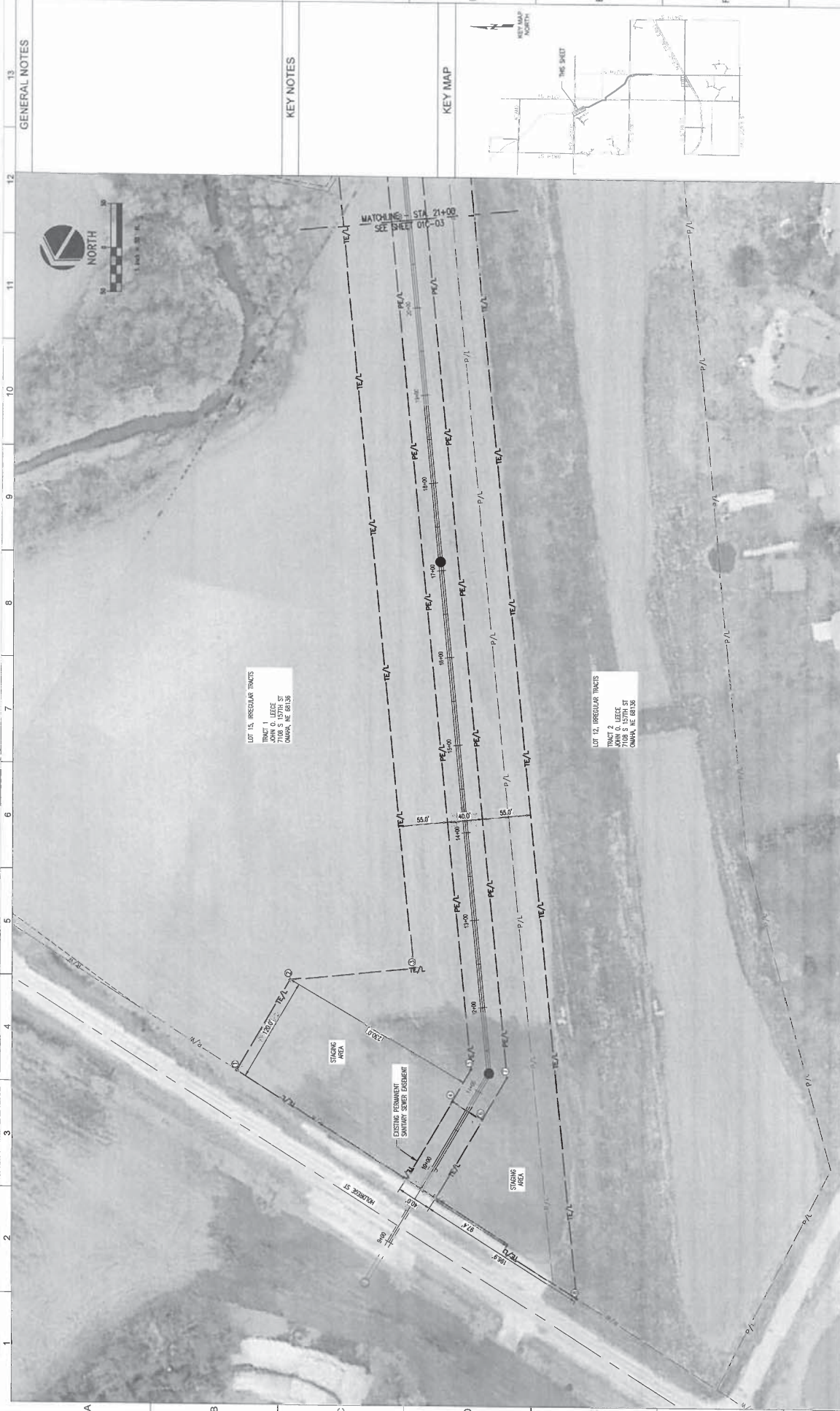
Diggers Hotline of Nebraska
 800.331.5566
 402.478.4444
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SEAL: MJS, OCTOBER 2017, E-10036, STATE OF NEBRASKA

13 12 11 10 9 8 7 6 5 4 3 2 1

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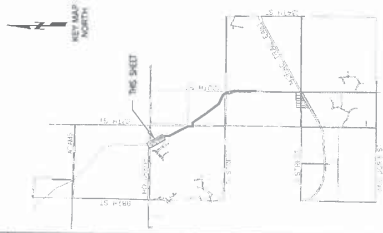
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GENERAL NOTES

KEY NOTES

KEY MAP

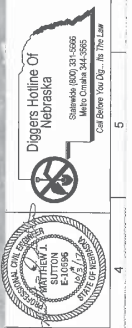


DATE	BY	DESCRIPTION

CITY OF LINCOLN, NE
 STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 EASEMENT SHEET 1

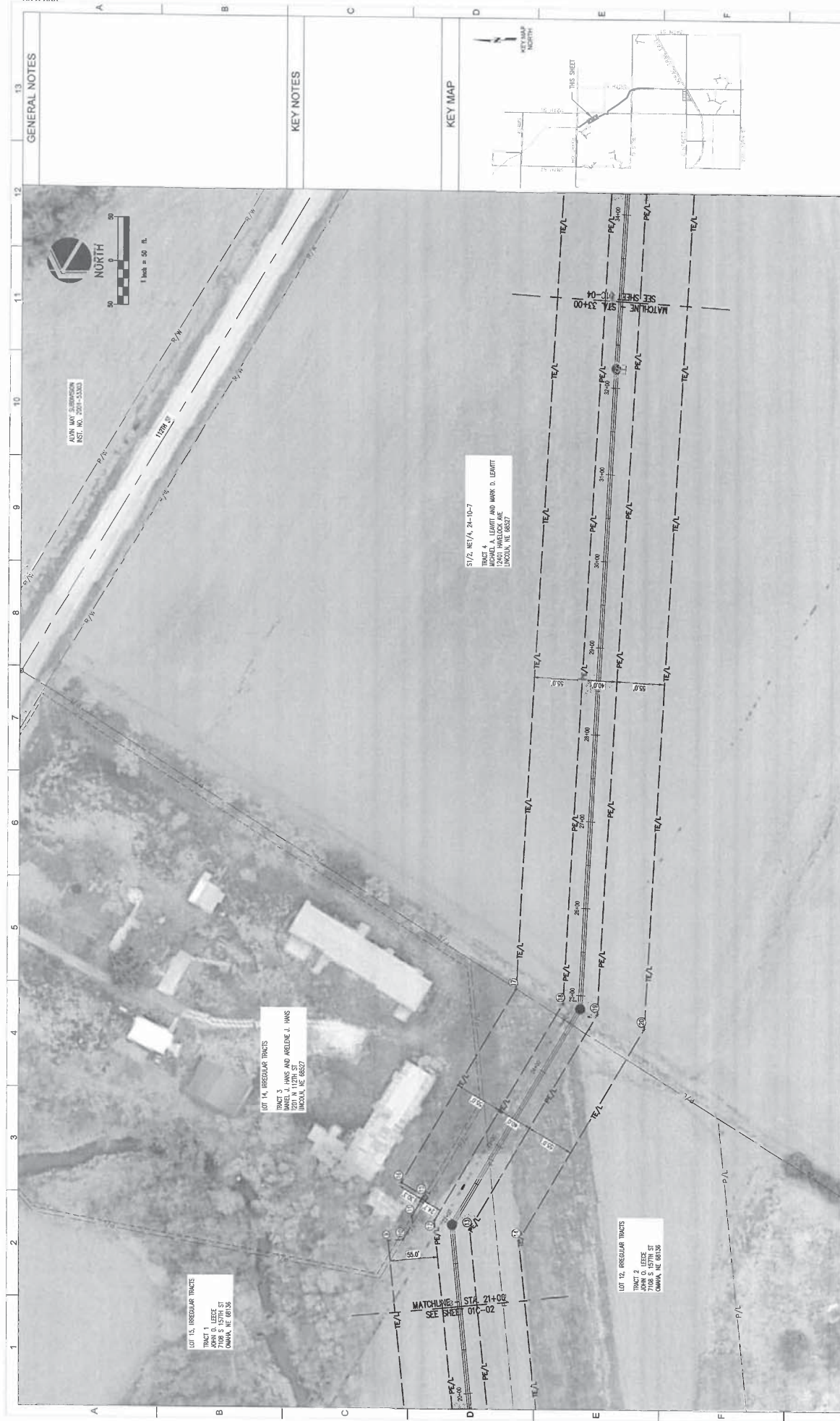
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DESIGNED	MJS
CHECKED	DMW
DATE	OCTOBER 2017

9/29/2017 10:33 AM koch.mh



GENERAL NOTES

KEY NOTES

KEY MAP

FOR USE	DATE	BY
REVISION		
DATE		
DESCRIPTION		

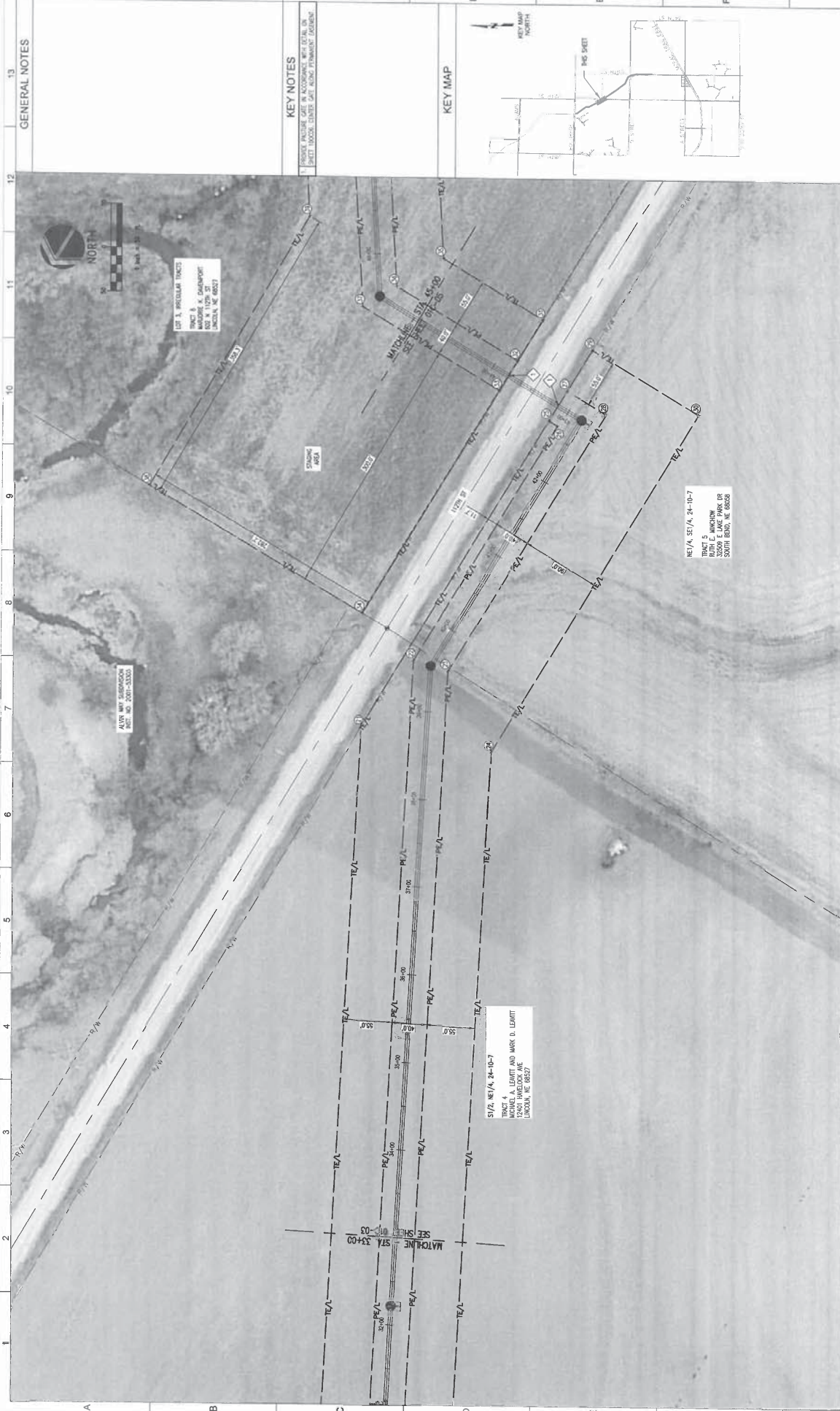
CITY OF LINCOLN, NE
 STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 EASEMENT SHEET 2

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DESIGNED	MJS
DRAWN	DM
CHECKED	MJS
DATE	OCTOBER 2017

9/27/2017 10:16 AM Mark Chen



GENERAL NOTES

KEY NOTES

KEY MAP

DATE	10/27/2017	TIME	10:11:00 AM	USER	AMK
PROJECT	STEVENS CREEK PHASE V SANITARY SEWER PROJECT				
SHEET NO.	01C-04				
SHEET NO.	12 OF 42				

VERIFY SCALES	DATE	10/24/19
SCALE	DATE	10/24/19
SCALE	DATE	10/24/19
SCALE	DATE	10/24/19

CITY OF LINCOLN, NE
 STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 EASEMENT SHEET 3

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REV	DATE	BY	DESCRIPTION

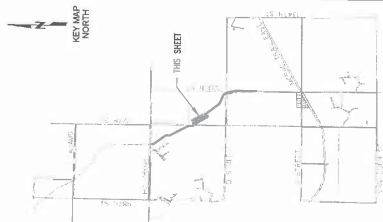


GENERAL NOTES

KEY NOTES

- 1. VERIFY EXISTING UTILITIES AND DEPT. RECORDS FOR ALL UTILITIES TO BE DELETED OR RELOCATED.
- 2. SEE SHEET NO. 01C-05 FOR REMAINING CONSTRUCTION IN WETLAND AREAS.

KEY MAP



DATE	BY	DESCRIPTION

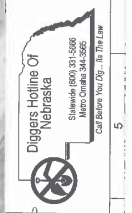
VERIFIED SCALES
 BAR IS ONE INCH ON GRAPHIC DRAWING
 0' 1" 1'

IF NOT ONE INCH ON SCALES ACCORDINGLY

CITY OF LINCOLN, NE
 STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 EASEMENT SHEET 4

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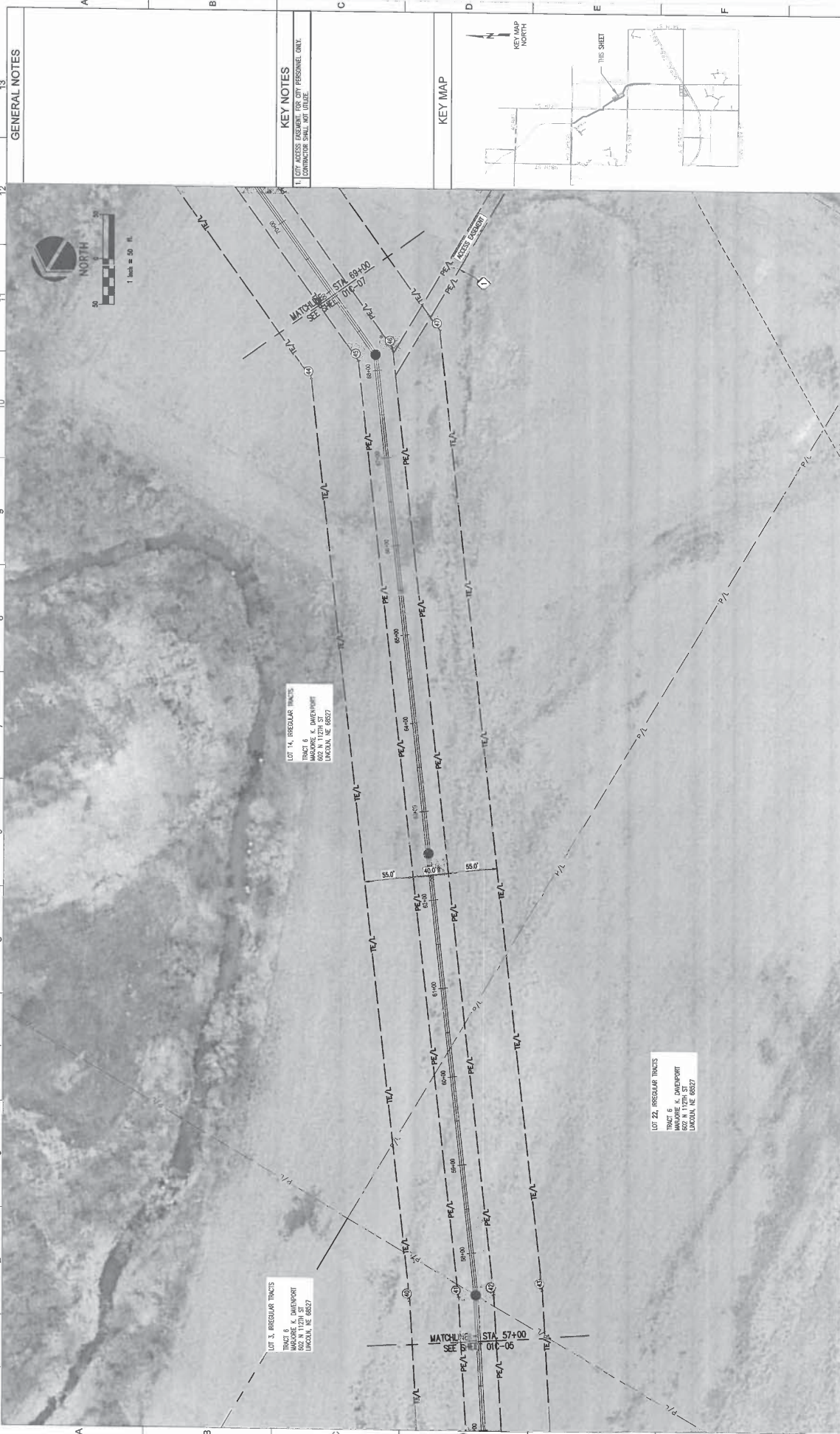
Diggers Hotline Of Nebraska
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 402.478.1111
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DESIGNED	MJS	DATE	OCTOBER 2017
DRAWN			
CHECKED	MJS		

REV	DATE	BY	DESCRIPTION

NE 1/4, SE 1/4, 24-10-7
 TRACT 5
 BUTTE LA MOUSSE
 SOUTH BEND, NE 68058

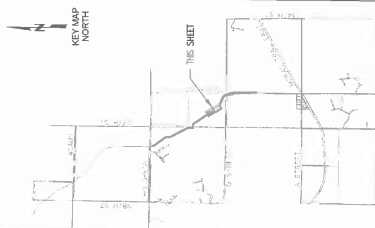


GENERAL NOTES

KEY NOTES

- 1. SEE ACCESS EASEMENT FOR CITY EASEMENT ONLY.
- 2. LOW VOLTAGE SIGNAL NOT SHOWN.

KEY MAP



VERIFY SCALES	FOR US	10/24/19
BASE IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO.	01C-06
IF NOT ONE INCH ON SCALE IS ACCORDINGLY	SHEET NO.	14 OF 42

CITY OF LINCOLN, NE
 STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 EASEMENT SHEET 5

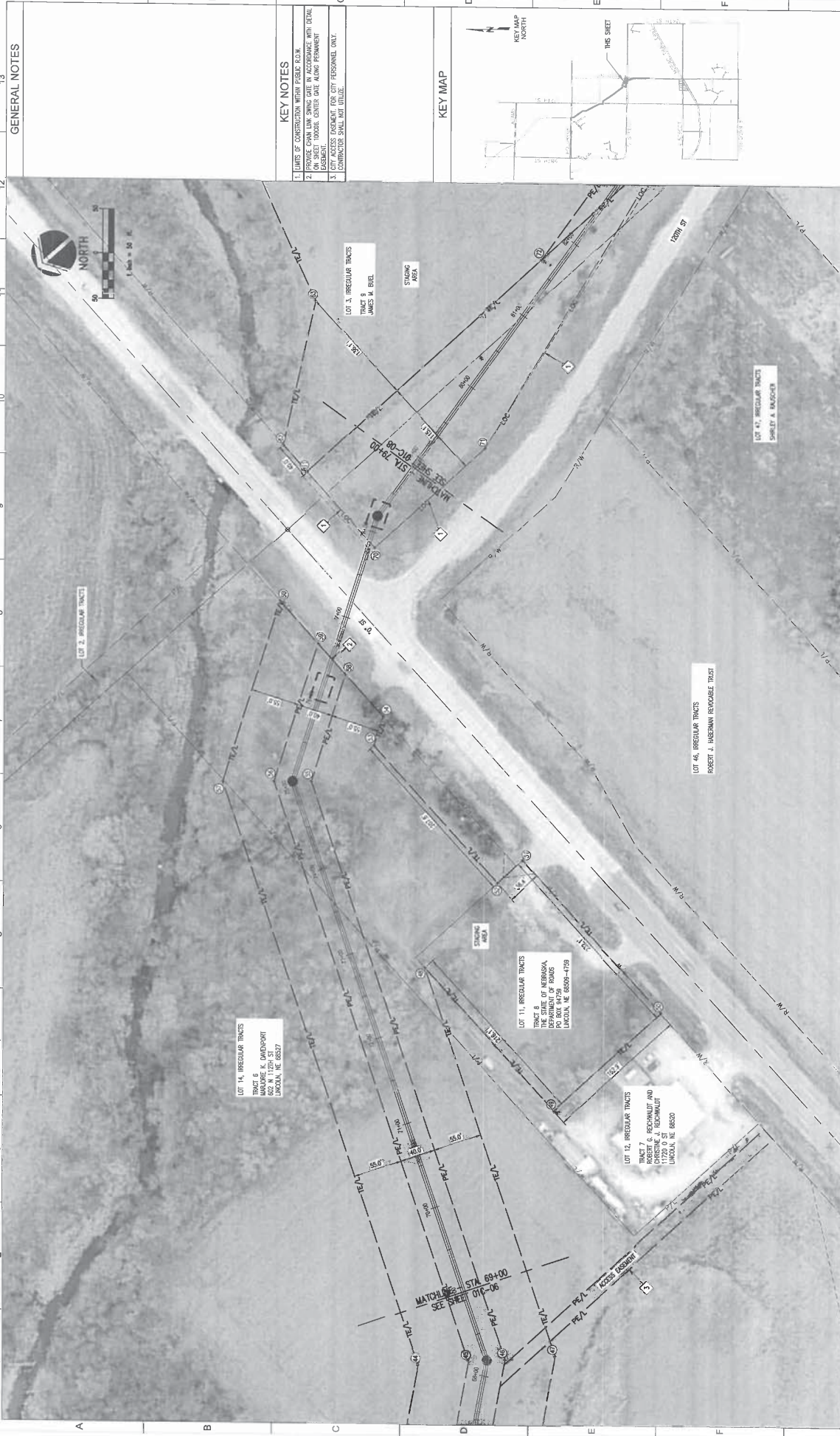
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 More Omaha 344.6650
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REV	DATE	BY	DESCRIPTION

DESIGNED	MJS	DATE	OCTOBER 2017
DRAWN	MJS		
CHECKED	MJS		

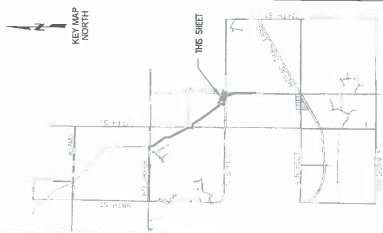


GENERAL NOTES

KEY NOTES

1. LIMITS OF CONSTRUCTION SHOWN PER PERMITS.
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF LINCOLN, NE PERMITS.
3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF LINCOLN, NE PERMITS.
4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF LINCOLN, NE PERMITS.

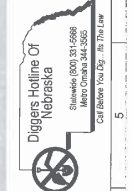
KEY MAP



DESIGNED	MJS
DRAWN	MJS
CHECKED	MJS
DATE	OCTOBER 2017
DESCRIPTION	

VERIFY SCALES
 0" = 1" FOR ALL DIMENSIONS
 0" = 1" FOR ALL DIMENSIONS
 0" = 1" FOR ALL DIMENSIONS

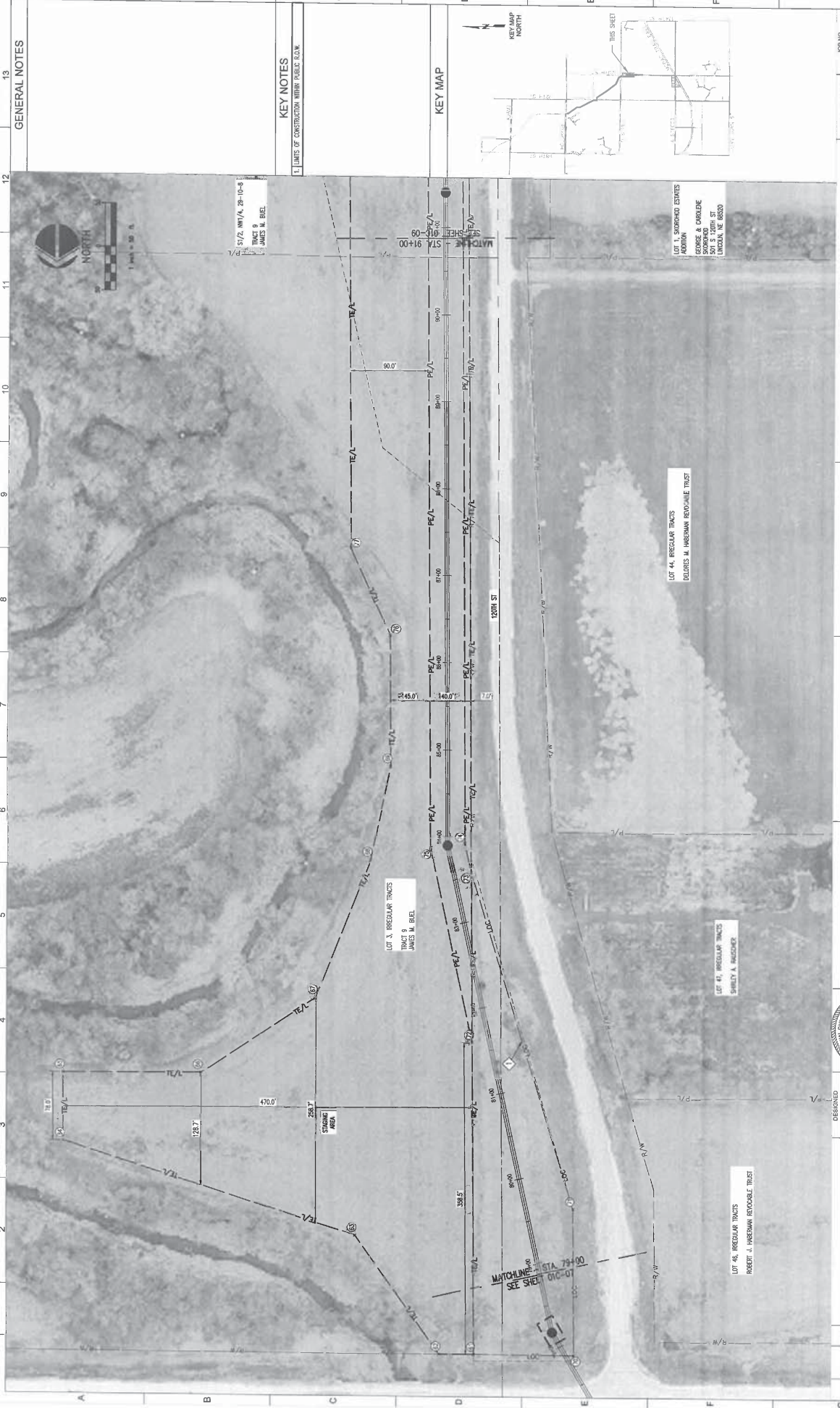
CITY OF LINCOLN, NE
 STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 EASEMENT SHEET 6



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 402.441.4444
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REV	DATE	BY	DESCRIPTION

XXXXXX XXXXXX



GENERAL NOTES

1. LIMITS OF CONSTRUCTION SHOWN IN RED COLOR

KEY NOTES

- LOT 3, IRREGULAR TRACTS
TRACT 9
JAMES M. BEEL
- LOT 4, IRREGULAR TRACTS
ROBERT J. HERSHMAN REVOCABLE TRUST
- LOT 5, IRREGULAR TRACTS
SHIRLEY A. HICKOCK
- LOT 4, IRREGULAR TRACTS
DELORES M. HERSHMAN REVOCABLE TRUST
- LOT 1, SCHEDULED ESTATES
ADDITION
GEORGE & CAROLINE
SPOONER
11101 1/2 N. 10TH ST.
LINCOLN, NE 68504

KEY MAP



VERIFY SCALES	DATE
AS SHOWN	10/20/17
AS SHOWN ON ORIGINAL DRAWING	01C-08
IF NOT ONE INCH ON SCALE ACCORDINGLY	SHEET NO.
	16 OF 42

CITY OF LINCOLN, NE
STEVENS CREEK PHASE V SANITARY SEWER PROJECT
EASEMENT SHEET 7



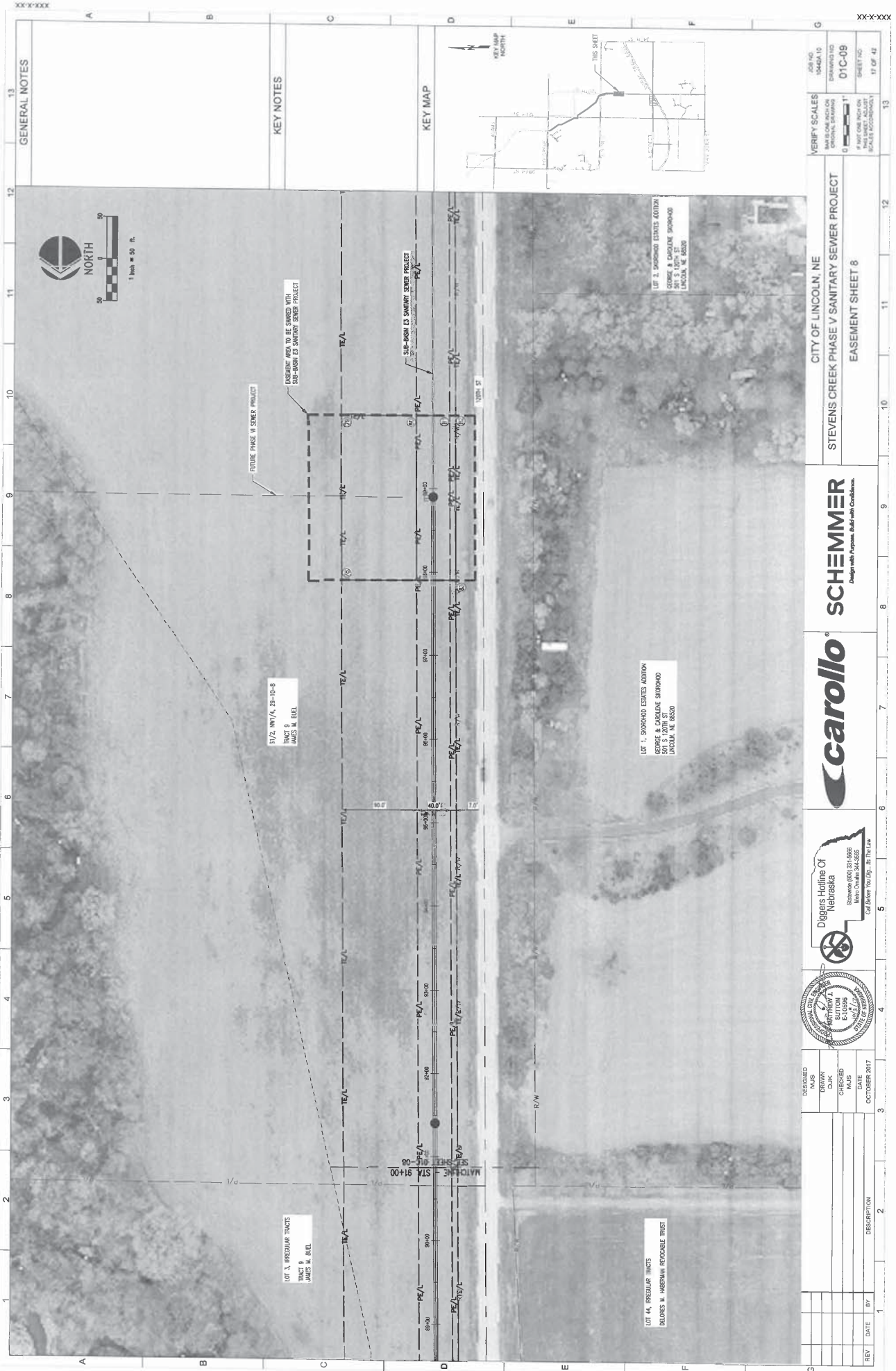
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Main Office (402) 441-8800
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DESIGNED	DATE
MJS <td>OCTOBER 2017</td>	OCTOBER 2017
DRAWN	DATE
CS <td></td>	
CHECKED	DATE
MJS <td></td>	

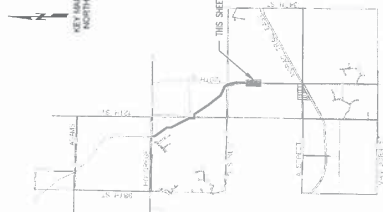
REV	DATE	BY	DESCRIPTION



GENERAL NOTES

KEY NOTES

KEY MAP



REV	DATE	BY	DESCRIPTION

DESIGNED
M.J.S.
DRAWN
M.J.S.
CHECKED
M.J.S.
DATE
OCTOBER 2017



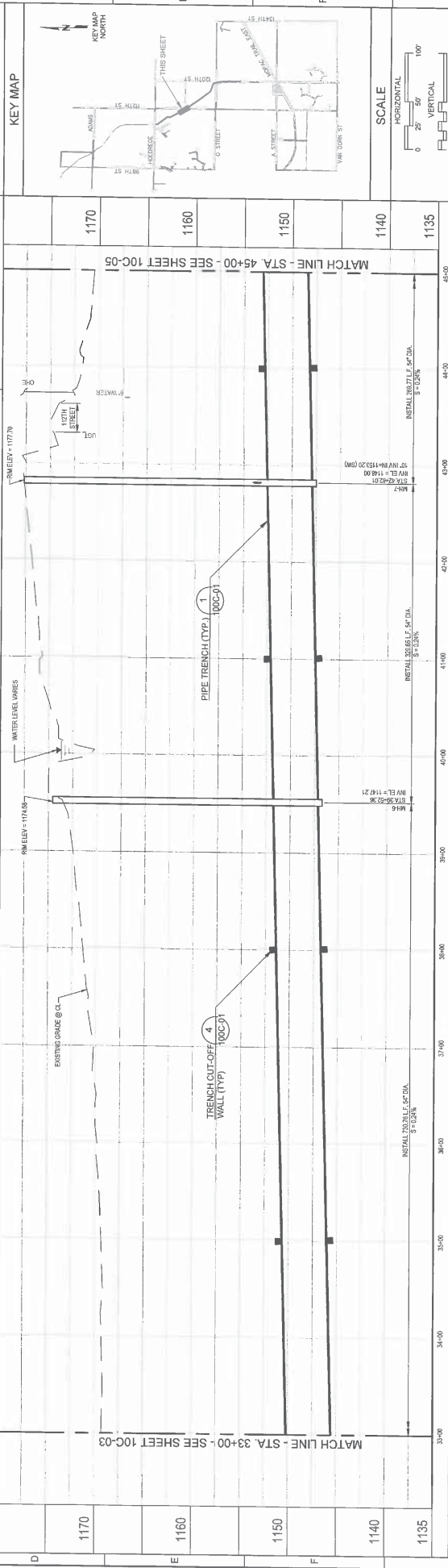
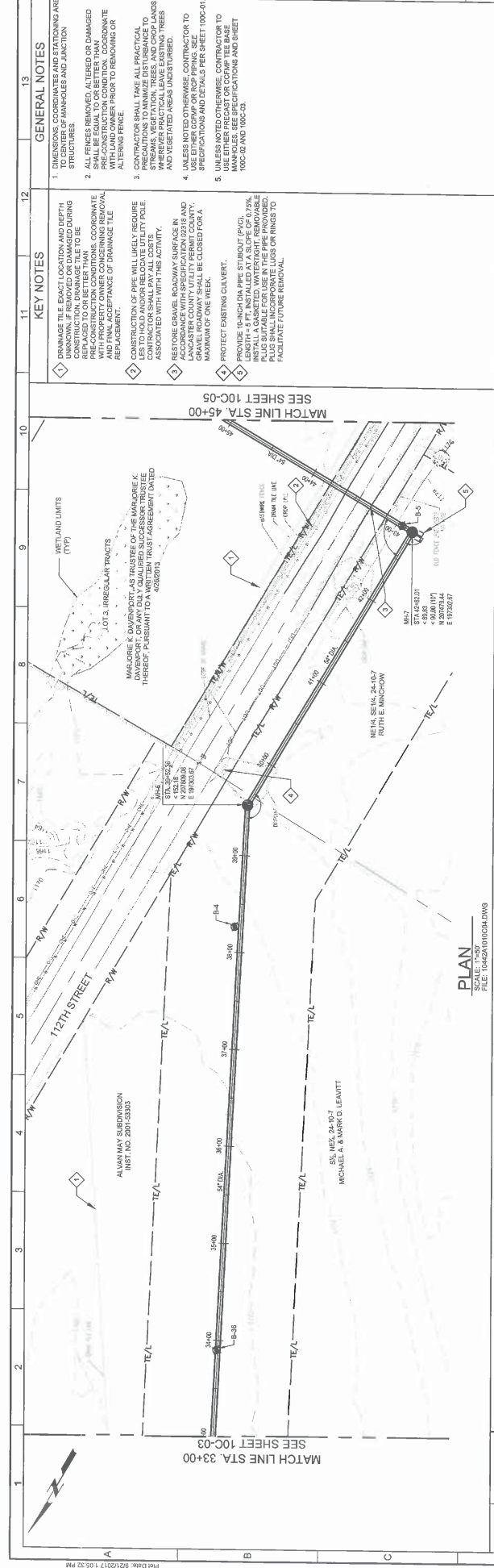
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North Carolina
Suzanne 800.351.6568
Missi 919.444.6568
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CITY OF LINCOLN, NE
STEVENS CREEK PHASE V SANITARY SEWER PROJECT
EASEMENT SHEET 8

VERIFY SCALES
AS SHOWN ON THIS DRAWING
AS SHOWN ON THIS DRAWING
AS SHOWN ON THIS DRAWING
AS SHOWN ON THIS DRAWING

DATE: 10/27/17
SCALE: 1" = 50'
SHEET NO: 01C-09
OF 42



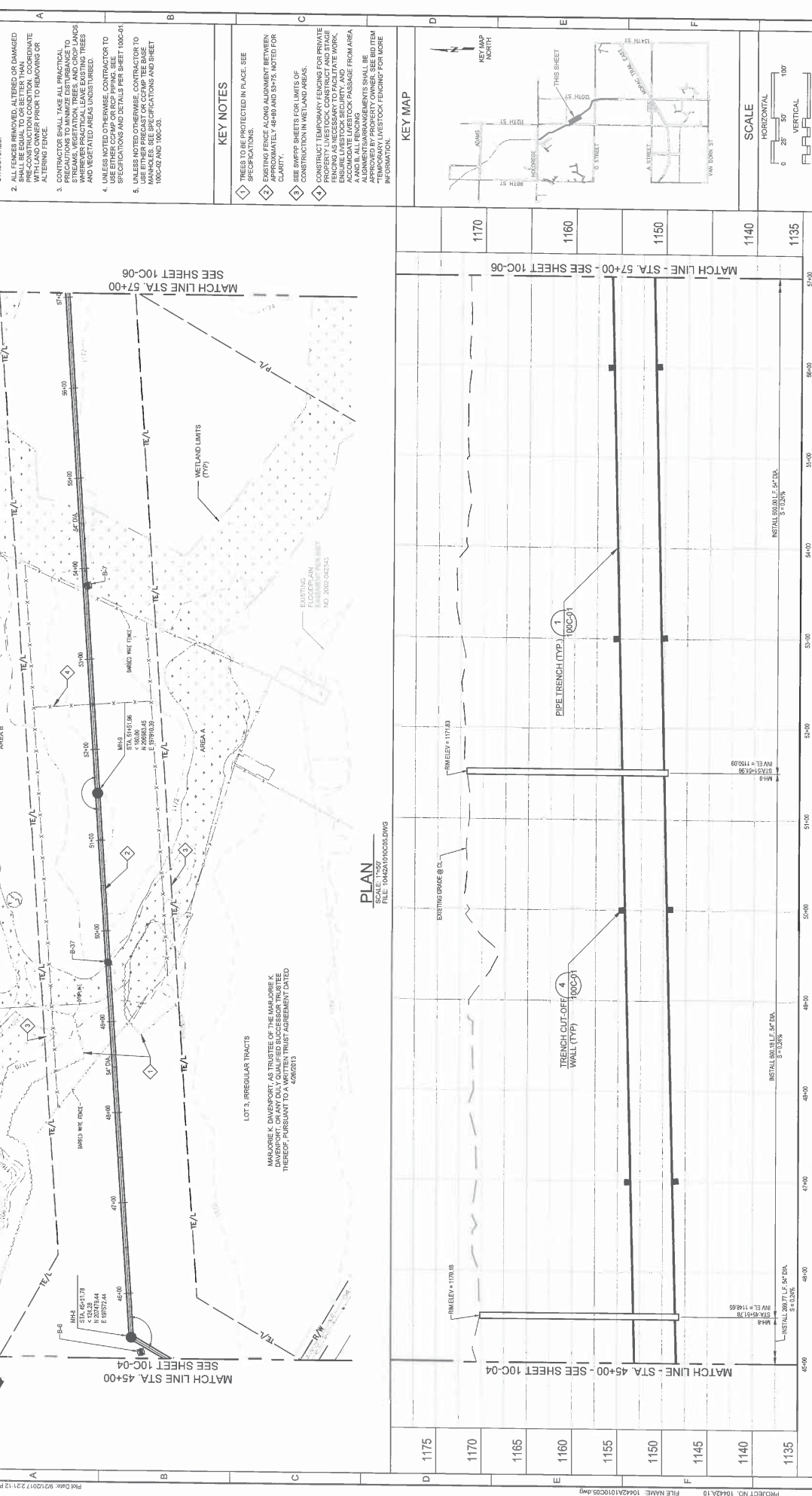
REV	DATE	BY	DESCRIPTION
DESIGNED	DATE	BY	
DRAWN	DATE	BY	
CHECKED	DATE	BY	
BOC	DATE	BY	
OCTOBER 2017			

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CITY OF LINCOLN, NE
STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 CIVIL
PLAN AND PROFILE
 STA. 33+00 TO 45+00

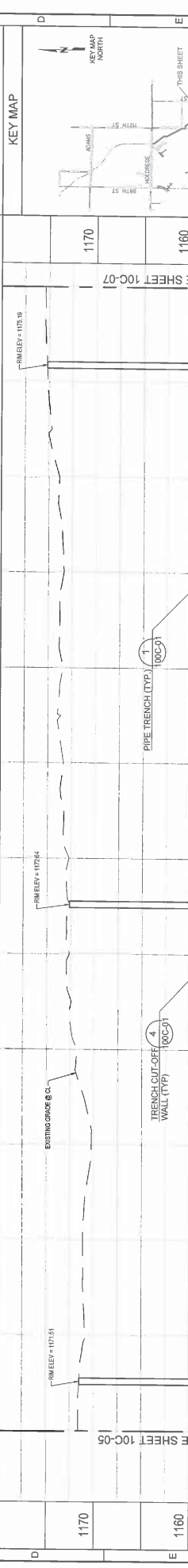
10C-04
 DRAWING NO. 10442A.10
 SHEET NO. 21 OF 42



<p>DESIGNED: _____</p> <p>DRAWN: _____</p> <p>CHECKED: _____</p> <p>DATE: OCTOBER 2017</p>	<p>DATE: _____</p> <p>REV: _____</p> <p>DESCRIPTION: _____</p>	<p>REGISTERED PROFESSIONAL ENGINEER</p> <p>STATE OF NEBRASKA</p> <p>NO. 54608</p> <p>EXPIRES: 12/31/2018</p>	<p>carollo</p> <p>ENGINEERS & ARCHITECTS</p> <p>1000 S. 10th Street, Suite 100 Lincoln, NE 68502</p> <p>Phone: (402) 441-1111 Fax: (402) 441-1112 www.carollo.com</p>	<p>Diggers Hotline Of Nebraska</p> <p>800.331.5596</p> <p>1-800-331-5596</p> <p>Call Before You Dig - Be The Law</p>	<p>CITY OF LINCOLN, NE</p> <p>STEVENS CREEK PHASE V SANITARY SEWER PROJECT</p> <p>CIVIL</p> <p>PLAN AND PROFILE</p> <p>STA. 45+00 TO 57+00</p>	<p>VERIFY SCALES</p> <p>BAR ONE INCH ON ORIGINAL DRAWING</p> <p>100'-05"</p> <p>IF NOT ONE INCH ON SCALES ACCORDINGLY</p> <p>22 OF 42</p>
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GENERAL NOTES

- DIMENSIONS, COORDINATES AND STATIONING ARE TO CENTERLINE UNLESS NOTED OTHERWISE.
- ALL FENCES REMOVED, ALTERED OR DAMAGED SHALL BE EQUAL TO OR BETTER THAN ORIGINAL. CONTRACTOR SHALL MAINTAIN WITH LANDOWNER PROCT TO REMOVAL OR ALTERING FENCE.
- CONTRACTOR SHALL TAKE ALL PRACTICAL PRECAUTIONS TO MINIMIZE DISTURBANCE TO EXISTING UTILITIES. WHEREVER PRACTICAL LEAVE EXISTING TREES AND VEGETATED AREAS UNDISTURBED.
- UNLESS NOTED OTHERWISE CONTRACTOR TO VERIFY ALL EXISTING UTILITIES TO BE PROTECTED, SPECIFICATIONS AND DETAILS PER SHEET 100-01.
- UNLESS NOTED OTHERWISE CONTRACTOR TO USE EITHER PRECAST OR CCMPI Tee BASE MANHOLE. SEE SPECIFICATIONS AND SHEET 100-02 AND 100-04.



KEY MAP

SCALE

HORIZONTAL: 1" = 25' (0 to 100)
VERTICAL: 1" = 5' (0 to 10)

VERIFY SCALES

DATE	10/24/2017
DRAWING NO.	10442A.10
PROJECT NO.	10C-06
SHEET NO.	23 OF 42

CITY OF LINCOLN, NE

STEVENS CREEK PHASE V SANITARY SEWER PROJECT

PLAN AND PROFILE

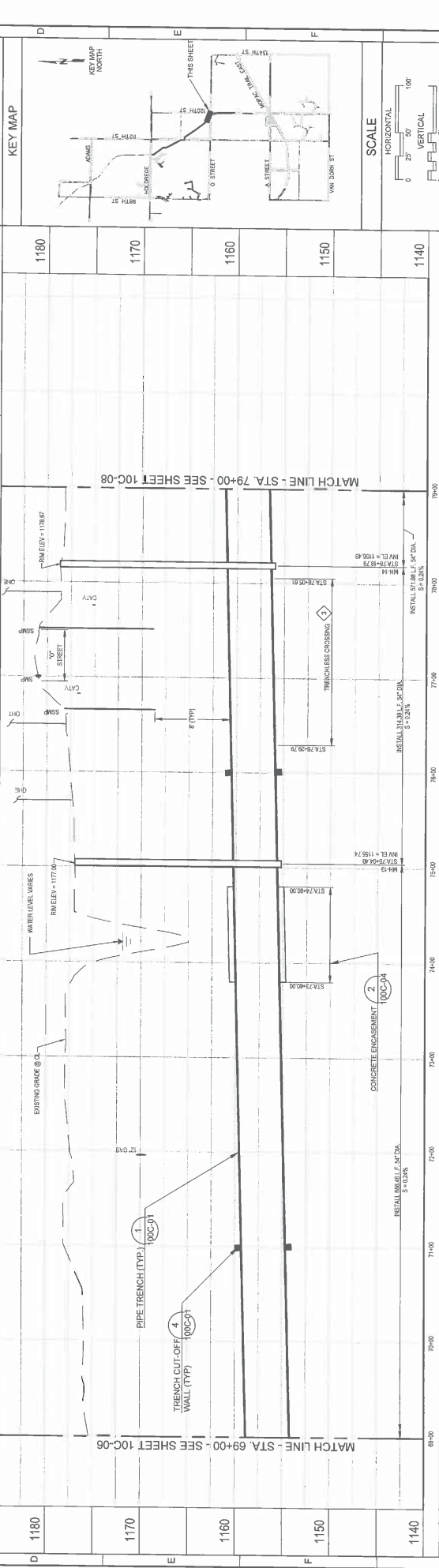
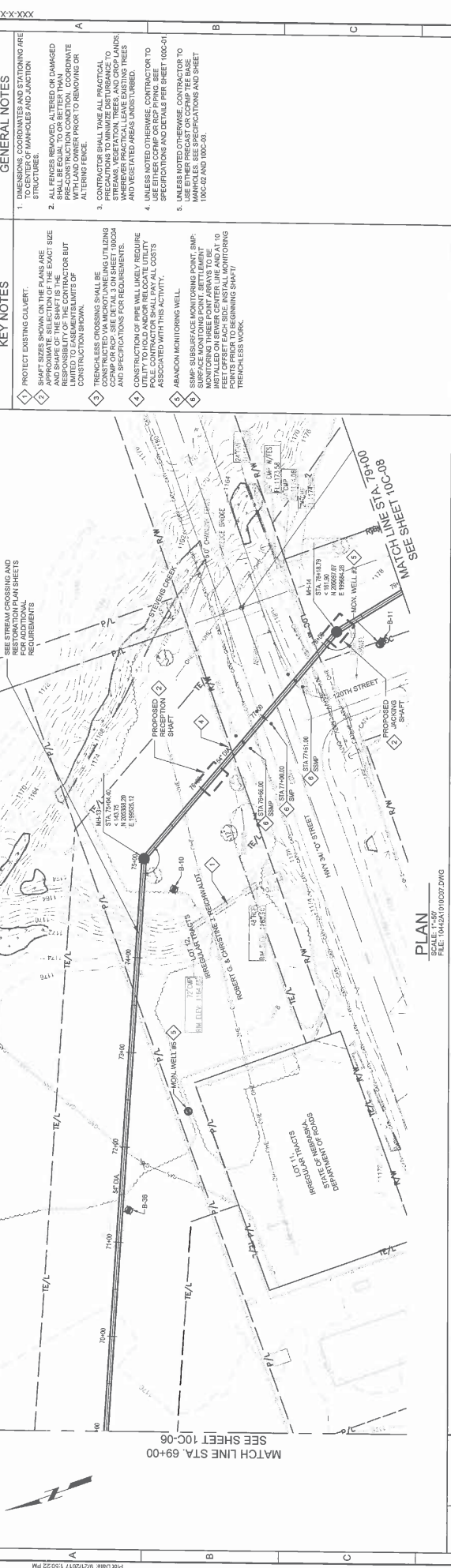
STA. 57+00 TO 69+00

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Lincoln, NE 68508
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DESIGNED	DATE	10/24/2017
DRAWN	DATE	
CHECKED	DATE	
BY	DATE	

Professional Engineer Seal: W. CAROLO, P.E., No. 04499, State of Nebraska.



REV	DATE	BY	DESCRIPTION

DESIGNED	DATE	7/11/17
DRAWN	DATE	
CHECKED	DATE	
EDC	DATE	
DATE	DATE	OCTOBER 2017

DESIGNED BY: TP85
 DRAWN BY: TP85
 CHECKED BY: TP85
 EDC BY: TP85

PROJECT NO. 1042A.10
 DRAWING NO. 100-07
 SHEET NO. 24 OF 42

INSTALL 88.61% S=0.24%
 STA 72+00.00 TO STA 74+00.00
 CONCRETE ENCASUREMENT (2) 100C-A

INSTALL 10.01% S=0.24%
 STA 74+00.00 TO STA 75+00.00
 TRENCHLESS CROSSING

INSTALL 13.01% S=0.24%
 STA 75+00.00 TO STA 77+00.00
 TRENCHLESS CROSSING

INSTALL 12.01% S=0.24%
 STA 77+00.00 TO STA 79+00.00
 TRENCHLESS CROSSING

SEE STREAM CROSSING AND
 SEE SHEETS
 FOR ADDITIONAL
 REQUIREMENTS

SEE SHEET 100-06
 MATCH LINE STA. 69+00

SEE SHEET 100-08
 MATCH LINE STA. 79+00

GENERAL NOTES

- DIMENSIONS, COORDINATES AND STATIONING ARE TO CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.
- ALL FENCES REMOVED, ALTERED OR DAMAGED SHALL BE EQUAL TO OR BETTER THAN ORIGINAL. CONTRACTOR TO REPAIR OR REPLACE WITH LAND OWNER PRIOR TO REMOVAL OR ALTERING FENCE.
- CONTRACTOR SHALL TAKE ALL PRACTICAL PRECAUTIONS TO MINIMIZE DISTURBANCE TO ADJACENT AREAS. CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES UNLESS OTHERWISE NOTED. CONTRACTOR SHALL MAINTAIN ALL EXISTING TREES AND VEGETATED AREAS UNDISTURBED.
- UNLESS NOTED OTHERWISE, CONTRACTOR TO MAINTAIN ALL EXISTING UTILITIES UNLESS OTHERWISE NOTED. CONTRACTOR SHALL MAINTAIN ALL EXISTING TREES AND VEGETATED AREAS UNDISTURBED.
- UNLESS NOTED OTHERWISE, CONTRACTOR TO MAINTAIN ALL EXISTING UTILITIES UNLESS OTHERWISE NOTED. CONTRACTOR SHALL MAINTAIN ALL EXISTING TREES AND VEGETATED AREAS UNDISTURBED.

KEY NOTES

- PROTECT EXISTING CULVERT.
- SHAFT SIZES SHOWN ON THE PLANS ARE APPROXIMATE. SELECTION OF THE EXACT SIZE AND SHAPE OF THE SHAFT IS THE RESPONSIBILITY OF THE CONTRACTOR BUT LIMITED TO EASEMENTS/SALTIMTS OF CONSTRUCTION SHOWN.
- TRENCHLESS CROSSING SHALL BE PERFORMED USING MICROPILES AND SPECIFICATIONS FOR REQUIREMENTS.
- CONSTRUCTION OF PIPE WILL LIKELY REQUIRE THE USE OF A TRENCHLESS CROSSING UTILITY POLE. CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES UNLESS OTHERWISE NOTED. CONTRACTOR SHALL MAINTAIN ALL EXISTING TREES AND VEGETATED AREAS UNDISTURBED.
- ABANDON MONITORING WELL.
- SSMP: SURFACE MONITORING POINT; SMP: SURFACE MONITORING POINT; SET POINT: MONITORING THREE POINT ARRAYS TO BE 10 FEET OFFSET EACH SIDE. INSTALL MONITORING POINTS AT THE BEGINNING AND END OF TRENCHLESS WORK.

KEY MAP

SCALE

HORIZONTAL: 1" = 100'

VERTICAL: 1" = 10'

CITY OF LINCOLN, NE
 STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 CIVIL
 PLAN AND PROFILE
 STA. 69+00 TO 79+00

VERIFY SCALES

BAR ONE INCH ON ORIGINAL DRAWING

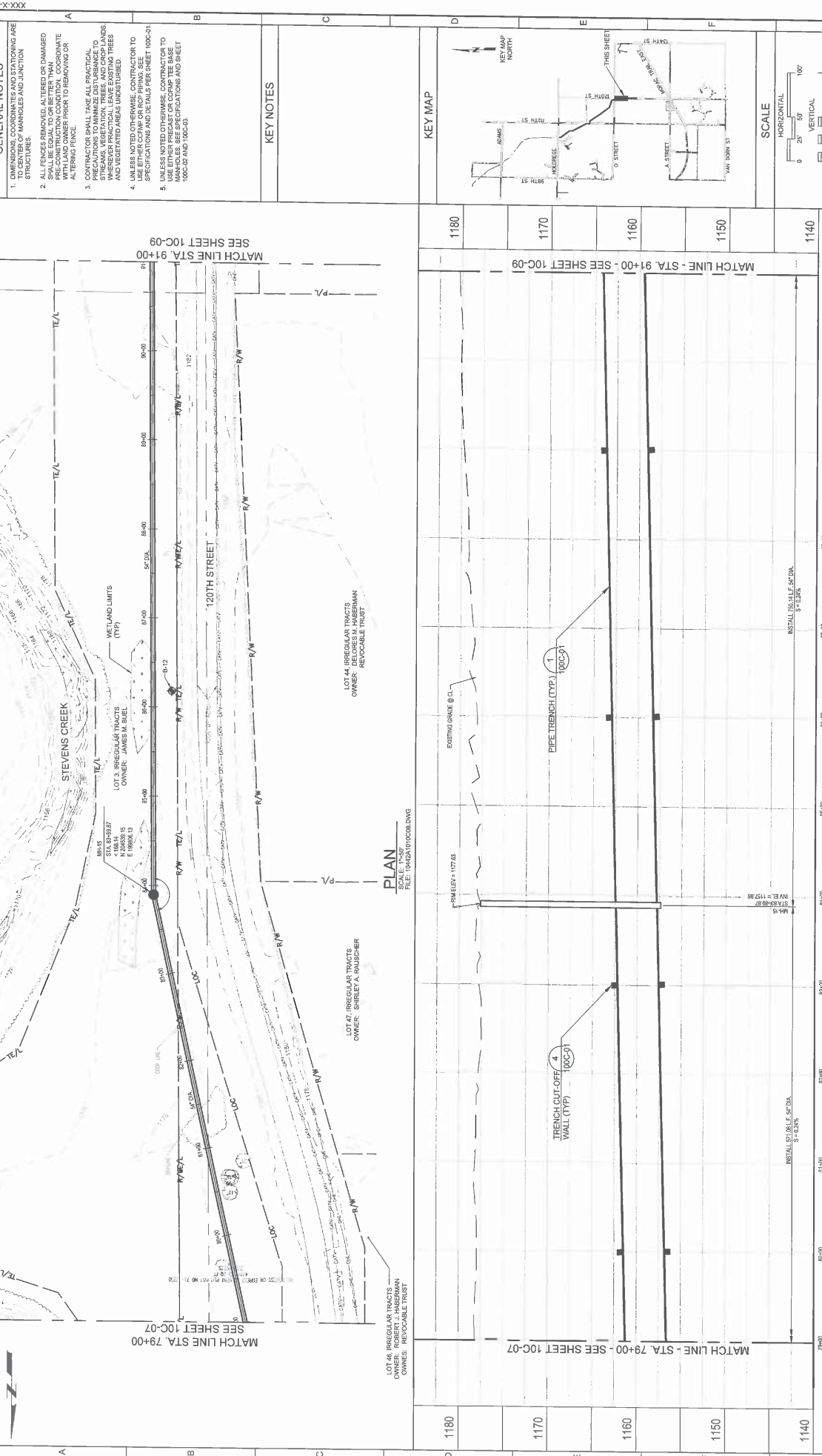
SCALE 1" = 100'

SCALE 1" = 10'

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 402.484.5555
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DESIGNED BY: TP85
 DRAWN BY: TP85
 CHECKED BY: TP85
 EDC BY: TP85

PROJECT NO. 1042A.10
 DRAWING NO. 100-07
 SHEET NO. 24 OF 42

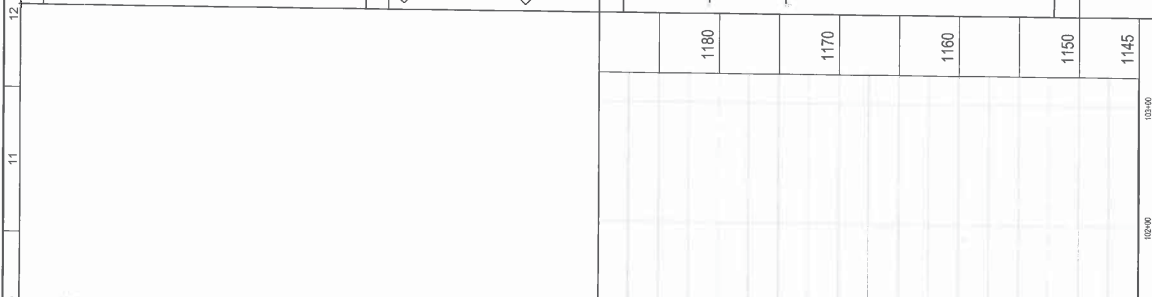


GENERAL NOTES

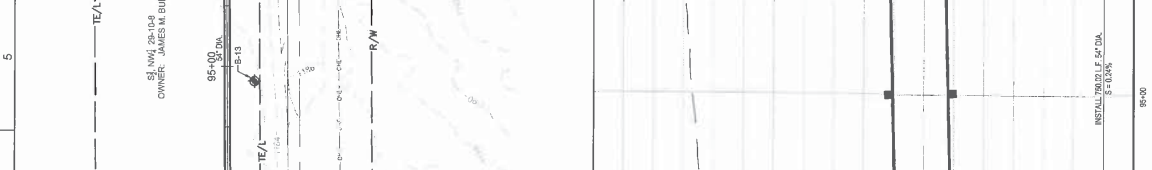
- DIMENSIONS, COORDINATES AND STATIONING ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
- ALL FENCES REMOVED, ALTERED OR DAMAGED SHALL BE EQUAL TO OR BETTER THAN ORIGINAL. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES WITH LAND OWNERS' PERMISSION TO RELOCATE OR ALTER FENCE.
- CONTRACTOR SHALL TAKE ALL PRACTICAL PRECAUTIONS TO MINIMIZE DISTURBANCE TO EXISTING UTILITIES AND VEGETATION. WHEREVER PRACTICAL, LEAVE EXISTING TREES AND VEGETATED AREAS UNDISTURBED.
- UNLESS NOTED OTHERWISE, CONTRACTOR TO VERIFY ALL UTILITIES AND DETAILS PER SHEET 100-01.
- UNLESS NOTED OTHERWISE, CONTRACTOR TO USE EITHER PRECAST OR CC/PMP TEE BASE MANHOLES. SEE SPECIFICATIONS AND SHEET 100-02 AND 100-04.

KEY NOTES

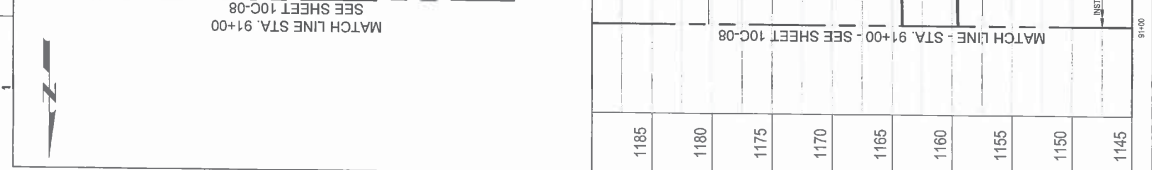
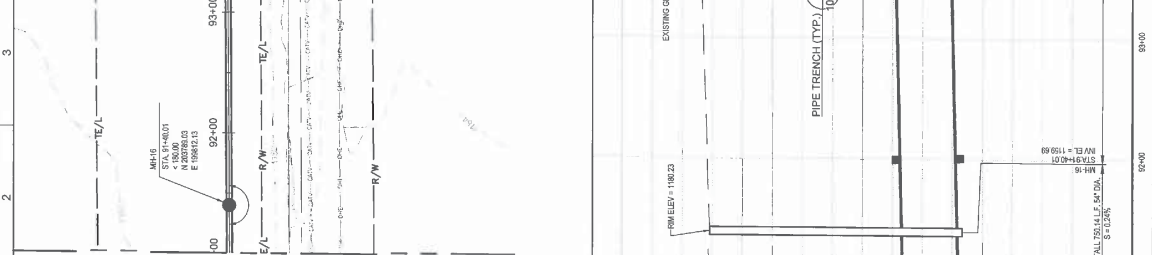
- MANHOLE MUST BE PRECAST CONCRETE MANHOLE WITH 18" DIA. TEE BASE. MANHOLE SHALL BE DESIGNED TO WITHSTAND ANTICIPATED SOIL CONDITIONS AND SHALL BE PERFORMED BY SUBBASIN EX CONTRACTOR. SEE COORDINATION REQUIREMENTS.
- PROVIDE 48" PIPE STUBOUT EITHER 60" OR 66" LONG. INSTALL AGGREGATE, WATER TIGHT, DEEP FLOORING. PROVIDE 48" PIPE STUBOUT TO FACILITATE FUTURE REMOVAL.



1180	1170	1160	1150	1145
------	------	------	------	------



1185	1180	1175	1170	1165	1160	1155	1150	1145
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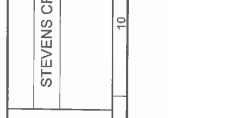
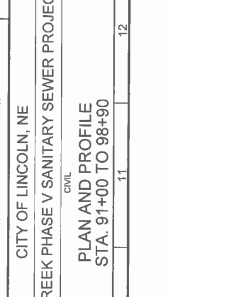
1185	1180	1175	1170	1165	1160	1155	1150	1145
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GENERAL NOTES

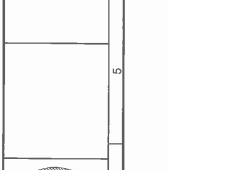
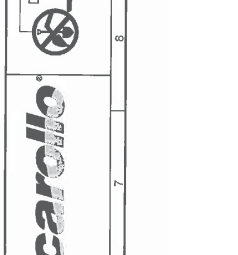
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- UNLESS NOTED OTHERWISE, CONTRACTOR TO VERIFY ALL UTILITIES AND DETAILS PER SHEET 100-01.
- UNLESS NOTED OTHERWISE, CONTRACTOR TO USE EITHER PRECAST OR CC/PMP TEE BASE MANHOLES. SEE SPECIFICATIONS AND SHEET 100-02 AND 100-04.

KEY NOTES

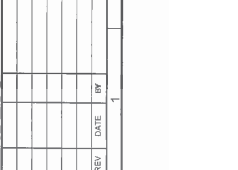
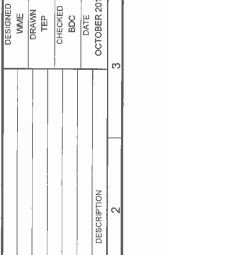
- MANHOLE MUST BE PRECAST CONCRETE MANHOLE WITH 18" DIA. TEE BASE. MANHOLE SHALL BE DESIGNED TO WITHSTAND ANTICIPATED SOIL CONDITIONS AND SHALL BE PERFORMED BY SUBBASIN EX CONTRACTOR. SEE COORDINATION REQUIREMENTS.
- PROVIDE 48" PIPE STUBOUT EITHER 60" OR 66" LONG. INSTALL AGGREGATE, WATER TIGHT, DEEP FLOORING. PROVIDE 48" PIPE STUBOUT TO FACILITATE FUTURE REMOVAL.



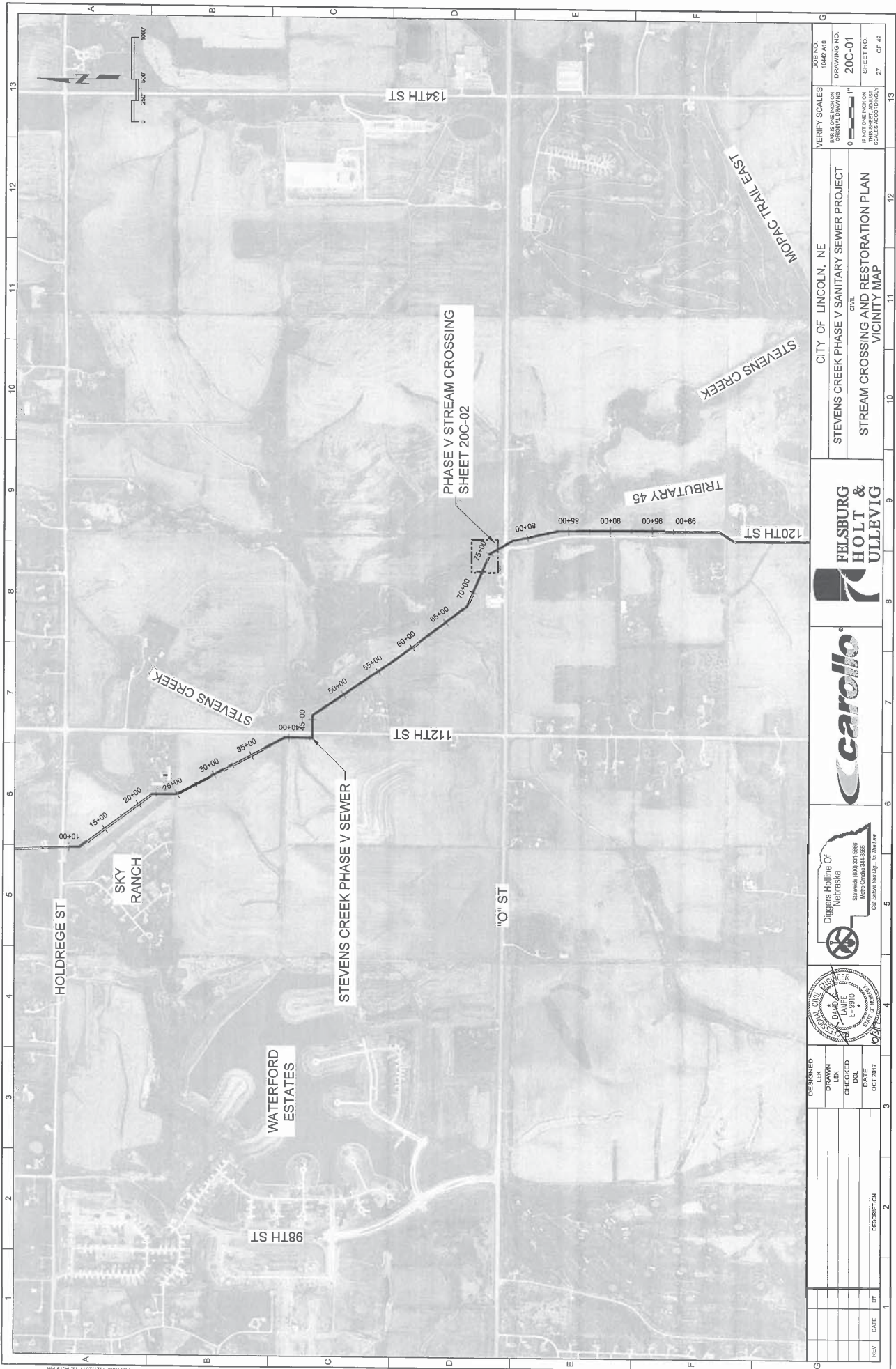
1180	1170	1160	1150	1145
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1185	1180	1175	1170	1165	1160	1155	1150	1145
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1185	1180	1175	1170	1165	1160	1155	1150	1145
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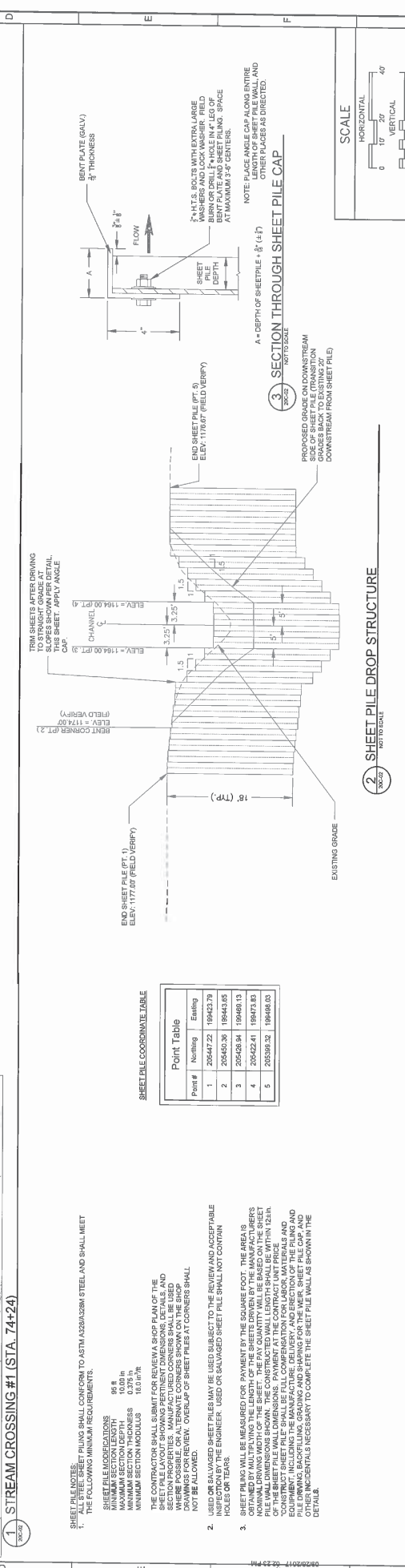
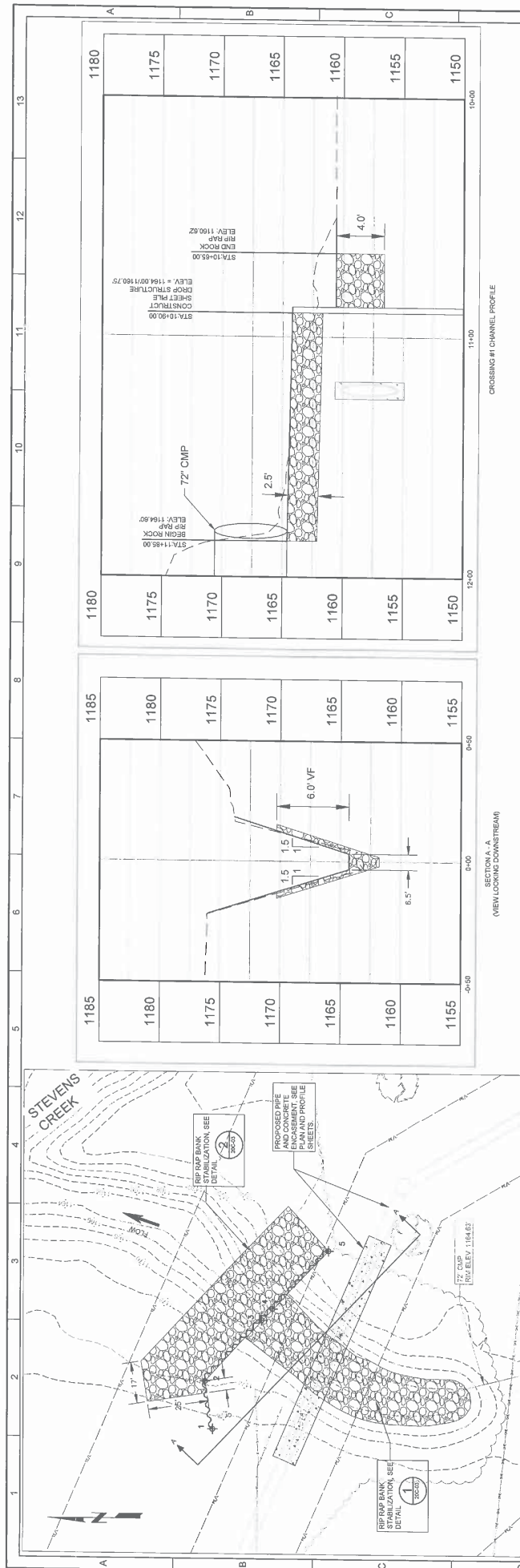
DESIGNED	LEK
DRAWN	LEK
CHECKED	LEK
DCL	
DATE	OCT 2017
REV	DATE
BT	
DESCRIPTION	

VERIFY SCALES
 1"=100' VS
 1/4"=1" VS
 1/8"=1" VS
 1/16"=1" VS

CITY OF LINCOLN, NE
 STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 CIVIL
 STREAM CROSSING AND RESTORATION PLAN
 VICINITY MAP

10442A.10
 DRAWING NO.
 20C-01
 SHEET NO.
 27 OF 42





POINT TABLE

Point #	Nothing	Existing
1	20547.22	19423.79
2	20540.20	19443.65
3	20548.94	19469.13
4	20542.41	19473.83
5	20558.32	19488.83

2 SHEET PILE DROP STRUCTURE

3 SECTION THROUGH SHEET PILE CAP

NOTE: PLACE WASTE CAP ALONG ENTIRE LENGTH OF SHEET PILE AND AT OTHER PLACES AS DIRECTED.

SCALE

HORIZONTAL: 1" = 10'

VERTICAL: 1" = 4'

CITY OF LINCOLN, NE

STEVENS CREEK PHASE V SANITARY SEWER PROJECT

STREAM CROSSING AND RESTORATION PLAN AND DETAILS

FELSBURG & HOLT & ULLEVIG

carolo

Diggers Hotline of Nebraska

DESIGNED: LK
DRAWN: JAL
CHECKED: JAL
DATE: OCT-2017

PROJECT NO: 1849202002-000
FILE NAME: 1849202002-000
PLOT TIME: 8/16/2017

SHEET PILE NOTES:

- ALL SHEET PILE PILING SHALL CONFORM TO ASTM A242/A242M STEEL AND SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS:
SHEET PILE MODULUS 95.4
MAXIMUM SECTION DEPTH 10.00 in
MINIMUM SECTION MODULUS 18.00 in⁴
- THE CONTRACTOR SHALL SUBMIT FOR REVIEW A BARGE PLAN OF THE SHEET PILE LAYOUT SHOWING PERTINENT DIMENSIONS, DETAILS, AND SECTION PROPERTIES. MANUFACTURED CORNERS SHALL BE USED IN ALL CORNERS. MANUFACTURED CORNERS SHALL BE USED IN ALL CORNERS. OVERLAP OF SHEET PILES AT CORNERS SHALL NOT BE ALLOWED.
- USED OR SALVAGED SHEET PILES MAY BE USED SUBJECT TO THE REVIEW AND ACCEPTABLE DESIGN BY THE ENGINEER. USED OR SALVAGED SHEET PILE SHALL NOT CONTAIN HOLES OR TEARS.
- SHEET PILING WILL BE MEASURED FOR PAYMENT BY THE SQUARE FOOT. THE AREA IS OBTAINED BY MULTIPLYING THE LENGTH OF THE SHEETS DRIVEN BY THE MANUFACTURER'S NOMINAL DRIVING POINT PER LINEAL FOOT. THE PAY QUANTITY WILL BE BASED ON THE SHEET AREA SHOWN ON THE CONTRACT DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE SHEET PILE WALL DIMENSIONS. PAYMENT AT THE CONTRACT UNIT PRICE SHALL INCLUDE THE MANUFACTURE, DELIVERY, AND SECTION OF THE PILING AND PILING DRIVING, BACKFILLING, GRADING AND SHARPING FOR THE WORK. SHEET PILE CAP AND END SHEET PILE CAP SHALL BE PROVIDED BY THE CONTRACTOR. THE SHEET PILE SHALL AS SHOWN IN THE DETAILS.

TRIM SHEETS AFTER DRIVING TO BE USED FOR SLOPES SHOWN PER DETAIL ON THIS SHEET. APPLY ANGLE CAP.

END SHEET PILE (PT. 1)
ELEV. = 1177.00 (FIELD VERIFY)

END SHEET PILE (PT. 2)
ELEV. = 1174.00 (FIELD VERIFY)

PROPOSED GRADE ON DOWNSTREAM SIDE OF SHEET PILE (TRANSITION FROM EXISTING TO PROPOSED GRADE ON DOWNSTREAM FROM SHEET PILE)

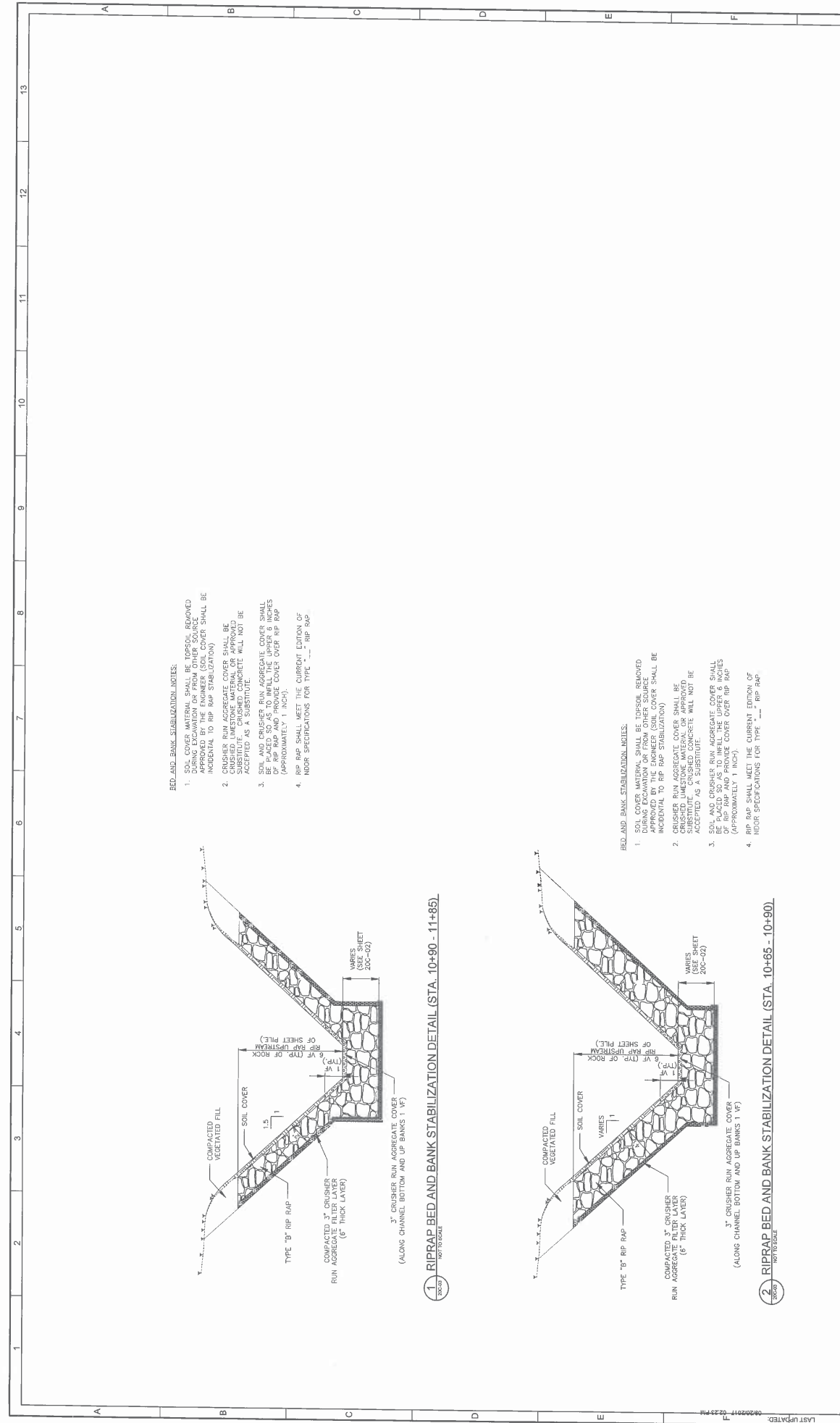
END SHEET PILE (PT. 5)
ELEV. = 1194.00 (FIELD VERIFY)

END SHEET PILE (PT. 6)
ELEV. = 1194.00 (FIELD VERIFY)

TRIM SHEETS AFTER DRIVING TO BE USED FOR SLOPES SHOWN PER DETAIL ON THIS SHEET. APPLY ANGLE CAP.

SECTION A-A (VIEW LOOKING DOWNSTREAM)

CROSSING #1 CHANNEL PROFILE



BED AND BANK STABILIZATION NOTES:

1. SOIL COVER MATERIAL SHALL BE TOPSOIL REMOVED DURING EXAMINATION OR FROM OTHER SOURCES APPROVED BY THE ENGINEER (SOIL COVER SHALL BE INCIDENTAL TO RIP RAP STABILIZATION).
2. CRUSHER RUN AGGREGATE COVER SHALL BE SUBSTITUTED WITH ANY EQUIVARIANTLY APPROVED SUBSTITUTED CRUSHED CONCRETE WILL NOT BE ACCEPTED AS A SUBSTITUTE.
3. SOIL AND CRUSHER RUN AGGREGATE COVER SHALL BE PLACED SO AS TO INFILL THE UPPER 6 INCHES OF RIP RAP AND PROVIDE COVER OVER RIP RAP (APPROXIMATELY 1 INCH).
4. RIP RAP SHALL MEET THE CURRENT EDITION OF NDOR SPECIFICATIONS FOR TYPE "B" RIP RAP.

BED AND BANK STABILIZATION NOTES:

1. SOIL COVER MATERIAL SHALL BE TOPSOIL REMOVED DURING EXAMINATION OR FROM OTHER SOURCES APPROVED BY THE ENGINEER (SOIL COVER SHALL BE INCIDENTAL TO RIP RAP STABILIZATION).
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3. SOIL AND CRUSHER RUN AGGREGATE COVER SHALL BE PLACED SO AS TO INFILL THE UPPER 6 INCHES OF RIP RAP AND PROVIDE COVER OVER RIP RAP (APPROXIMATELY 1 INCH).
4. RIP RAP SHALL MEET THE CURRENT EDITION OF NDOR SPECIFICATIONS FOR TYPE "B" RIP RAP.

1 RIPRAP BED AND BANK STABILIZATION DETAIL (STA. 10+90 - 11+85)

2 RIPRAP BED AND BANK STABILIZATION DETAIL (STA. 10+65 - 10+90)

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Call Before You Dig. It's The Law.
Subsahs (800) 331-6666
Main Office (940) 344-6666

Diggers Hotline Of Nebraska
Subsahs (800) 331-6666
Main Office (940) 344-6666

DESIGNED	LEK
DRAWN	LEK
CHECKED	AMT
DATE	OCT 2017
DATE	OCT 2017

REV	DATE	BY	DESCRIPTION

CITY OF LINCOLN, NE
STEVENS CREEK PHASE V SANITARY SEWER PROJECT
OR
STREAM CROSSING AND RESTORATION DETAILS

FELSBURG & HOLT & ULLEVIK

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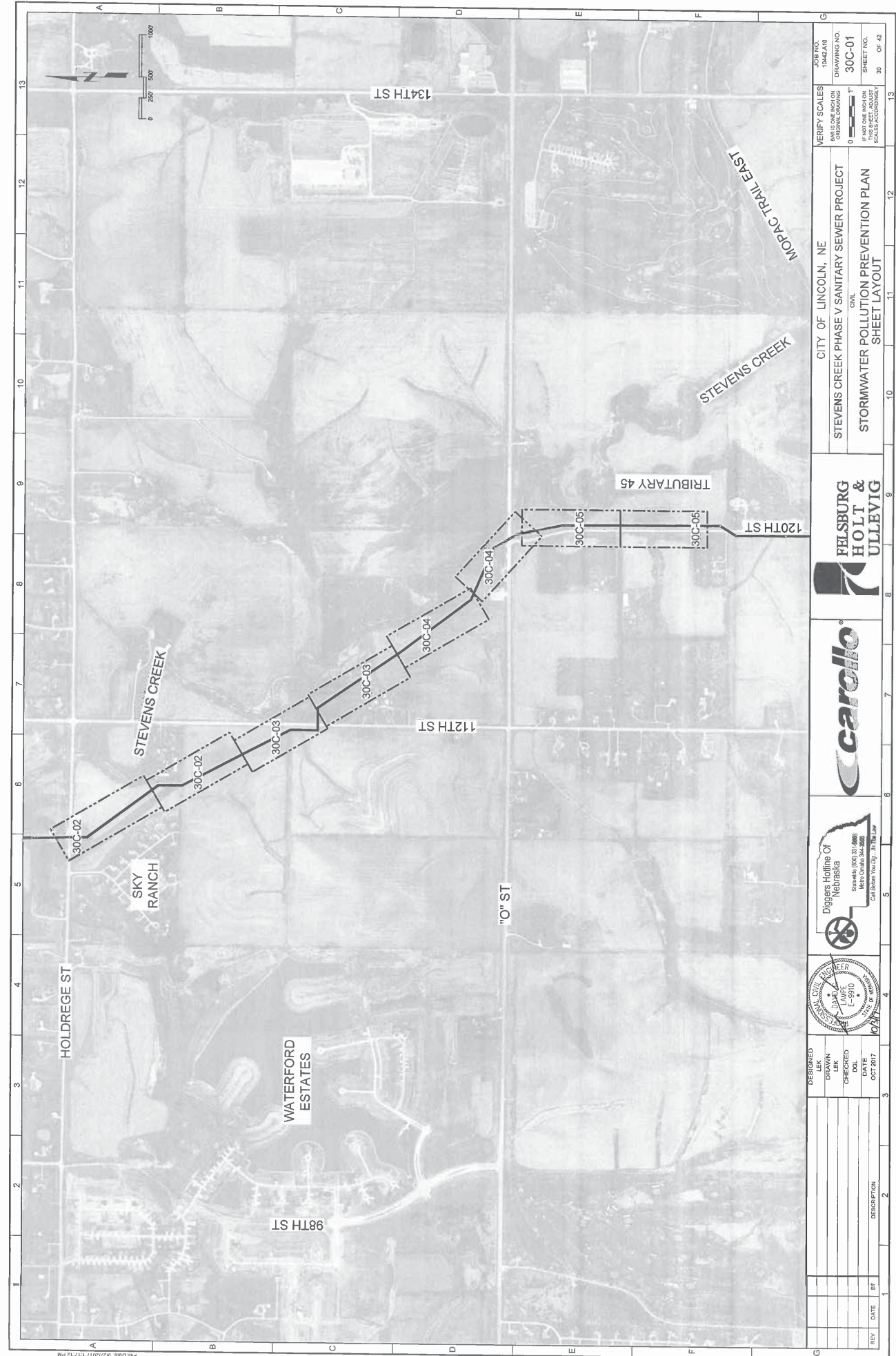
Diggers Hotline Of Nebraska
Subsahs (800) 331-6666
Main Office (940) 344-6666

DIGGERS HOTLINE OF NEBRASKA
CERTIFIED MEMBER
DIAMETER 18" - 36"
E-5910
10/28/17

LAST SAVED BY:	
LAST SAVED:	
FILENAME:	104691020035.dwg
PROJECT NO.:	
PLOT TIME:	8:19:05

VERIFY SCALES	0
ORIGINAL DRAWING	1"
IF NOT ONE INCH ON SCALE ACCORDINGLY	28 OF 42

JOB NO.	104691020035
DRAWING NO.	200C-03
SHEET NO.	28 OF 42



LAST SAVED BY: lmkknpp PROJECT NO. 10462A.10 FILE NAME: 10462A1030001.dwg

REV	DATE	BY	DESCRIPTION

DESIGNED	
DRAWN	
CHECKED	
DOL	
DATE	OCT 2017

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--	---

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--	---

CITY OF LINCOLN, NE STEVENS CREEK PHASE V SANITARY SEWER PROJECT STORMWATER POLLUTION PREVENTION PLAN SHEET LAYOUT	VERIFY SCALES 30C NOS. 10462A.10 DRAWING NO. 30C-01 SHEET NO. 30 OF 42 BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON SCALES ACCORDINGLY
---	---

GENERAL NOTES

1. STAGING AREA INCLUDES LOCATION OF JOB MATERIALS, EQUIPMENT, AND SUPPLIES, AND EQUIPMENT FUELING STORAGE WITH SECONDARY CONTAINMENT.
2. WASHOUTS AS NEEDED TO COMPLETE WORK AND SHALL MARK LOCATIONS ON SWPPP RETAINED ON SITE.
3. CONTRACTOR SHALL TAKE ALL PRACTICAL MEASURES TO PROTECT EXISTING STREAMS, WETLANDS, VEGETATION, TREES, AND CRIP LANDS. WHEREVER PRACTICAL, LEAVE VEGETATION, TREES AND VEGETATED AREAS UNDISTURBED.

LEGEND

- TREE LINE
- WETLAND
- CHANNEL
- EXISTING CONTOUR
- CONSTRUCTION ENTRANCE
- STAGING AREA
- EARTHEN BERM
- SEDIMENT FENCE
- STRAW WATTLE
- FLOODPLAIN SEED MIX
- NETLAND/CHANNEL SEED MIX
- FESCUE SEED MIX
- FLOW DIRECTION ARROW

KEY NOTES

- INSTALL CONSTRUCTION ENTRANCE PER LSP 178
- INSTALL EARTHEN BERM PER DETAIL 1 ON SHEET 30C-06
- INSTALL SEDIMENT FENCE PER LSP 175
- INSTALL WATTLE
- INSTALL WATTLE DITCH CHECK WATTLE TO REMAIN IN PLACE AFTER CONSTRUCTION.

KEY MAP

SCALE

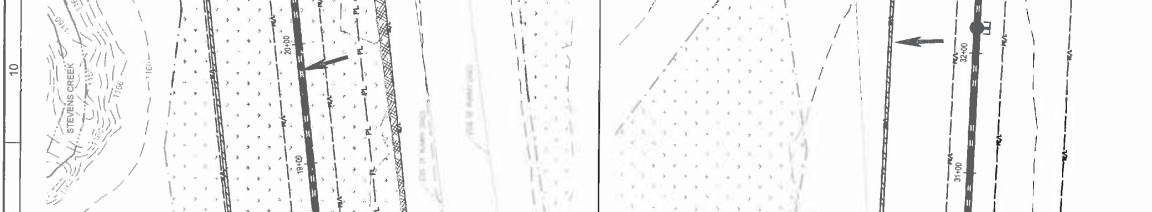
HORIZONTAL: 0, 25, 50, 100

ADDITIONAL NOTES

1. SEEDING WITHIN ROW SHALL BE SEEDED WITH CITY OF LINCOLN TYPE 7 - RIBBON MIX EXCEPT WHERE NOTED OTHERWISE. SEEDING SHALL BE SEEDING WITH THE WETLAND EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SLOPES STEEPER THAN 1:1. SEEDING SHALL BE NORTH AMERICAN GREEN SC158BN OR APPROVED EQUIVALENT.
2. SEEDING IS NOT REQUIRED FOR FARMED WETLANDS WITHIN PRIVATE PROPERTY.

ADDITIONAL NOTES

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2. SEEDING IS NOT REQUIRED FOR FARMED WETLANDS WITHIN PRIVATE PROPERTY.



GENERAL NOTES

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LEGEND

- TREE LINE
- WETLAND
- CHANNEL
- EXISTING CONTOUR
- CONSTRUCTION ENTRANCE
- STAGING AREA
- EARTHEN BERM
- SEDIMENT FENCE
- STRAW WATTLE
- FLOODPLAIN SEED MIX
- NETLAND/CHANNEL SEED MIX
- FESCUE SEED MIX
- FLOW DIRECTION ARROW

KEY NOTES

- INSTALL CONSTRUCTION ENTRANCE PER LSP 178
- INSTALL EARTHEN BERM PER DETAIL 1 ON SHEET 30C-06
- INSTALL SEDIMENT FENCE PER LSP 175
- INSTALL WATTLE
- INSTALL WATTLE DITCH CHECK WATTLE TO REMAIN IN PLACE AFTER CONSTRUCTION.

KEY MAP

SCALE

HORIZONTAL: 0, 25, 50, 100

ADDITIONAL NOTES

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2. SEEDING IS NOT REQUIRED FOR FARMED WETLANDS WITHIN PRIVATE PROPERTY.

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2. SEEDING IS NOT REQUIRED FOR FARMED WETLANDS WITHIN PRIVATE PROPERTY.

INTERMEDIATE SUBMITTAL NOT FOR CONSTRUCTION

REV	DATE	BY	DESCRIPTION

DESIGNED: LK
DRAWN: LK
CHECKED: LK
DATE: OCT 2017

PROJECT NO. 1042A.10
FILE NAME: 10442A100002.dwg
FILE NAME: 10442A.10
PROJECT NO. 1042A.10

CITY OF LINCOLN, NE
STEVENS CREEK PHASE V SANITARY SEWER PROJECT
CIVIL
STORMWATER POLLUTION PREVENTION PLAN
STA. 10+00 TO STA. 33+00

FELSBURG & HOLT & ULLEVIG
carollo
Diggers Holding Co
Nebraska
Sarasota (800) 331-6666
Hialeah (954) 944-9566
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VERIFIED SCALES
BAR IS ONE INCH ON GRAPHIC DRAWING
SCALE ACCORDINGLY
30C-02
SHEET NO. 31 OF 42

GENERAL NOTES	LEGEND	KEY NOTES	KEY MAP	SCALE
<p>1. STAGING AREA INCLUDES LOCATION OF JOB AND EQUIPMENT STAGING STORAGE YARD, SECONDARY CONTAINMENT, CONCRETE PAD, WASHOUTS AS NEEDED TO COMPLETE WORK AND SHALL MARK LOCATIONS ON SWPPP RETAINED ON SITE.</p> <p>2. CONTRACTOR SHALL TAKE ALL PRACTICAL MEASURES TO MINIMIZE DISTURBANCE TO STAGING AREAS. WHEREVER PRACTICAL, LEAVE DROPPED LOGS, BRANCHES AND VEGETATED AREAS UNDISTURBED.</p>	<p>LEGEND</p> <ul style="list-style-type: none"> TREE LINE WETLAND CHANNEL EXISTING CONTOUR CONSTRUCTION ENTRANCE STAGING AREA EARTHEN BERM SEDIMENT FENCE STRAW WATTLE FLOODPLAIN SEED MIX WETLAND CHANNEL SEED MIX FESCUE SEED MIX FLOW DIRECTION ARROW 	<p>KEY NOTES</p> <ul style="list-style-type: none"> 1. INSTALL CONSTRUCTION ENTRANCE PER LSP 175 30C-03 2. INSTALL EARTHEN BERM PER DETAIL 1 ON SHEET 30C-03 3. INSTALL SEDIMENT FENCE PER LSP 175 4. INSTALL WATTLE 5. INSTALL WATTLE DITCH CHECK WATTLE TO REMAIN IN PLACE AFTER CONSTRUCTION. 	<p>KEY MAP</p>	<p>SCALE</p> <p>HORIZONTAL: 1" = 50'</p> <p>VERTICAL: 1" = 100'</p>

GENERAL NOTES

- STAGING AREA INCLUDES LOCATION OF JOB AND EQUIPMENT STAGING STORAGE YARD, SECONDARY CONTAINMENT, CONCRETE PAD, WASHOUTS AS NEEDED TO COMPLETE WORK AND SHALL MARK LOCATIONS ON SWPPP RETAINED ON SITE.
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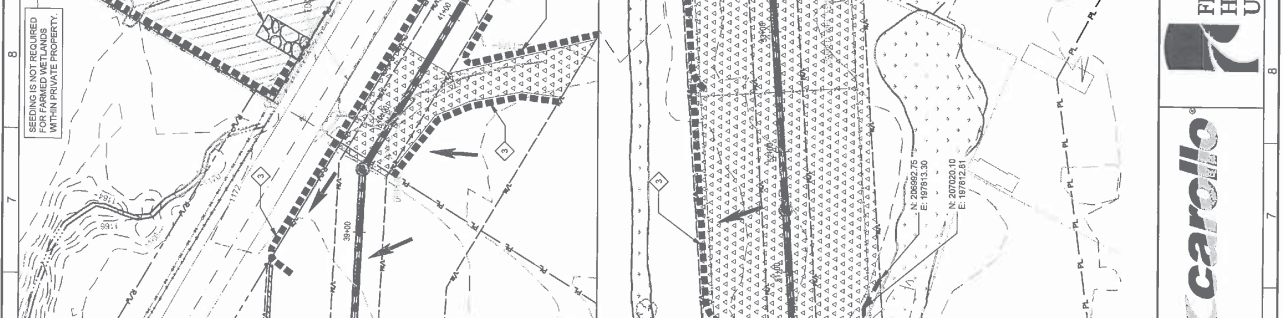
LEGEND

- TREE LINE
- WETLAND
- CHANNEL
- EXISTING CONTOUR
- CONSTRUCTION ENTRANCE
- STAGING AREA
- EARTHEN BERM
- SEDIMENT FENCE
- STRAW WATTLE
- FLOODPLAIN SEED MIX
- WETLAND CHANNEL SEED MIX
- FESCUE SEED MIX
- FLOW DIRECTION ARROW

KEY NOTES

- INSTALL CONSTRUCTION ENTRANCE PER LSP 175 30C-03
- INSTALL EARTHEN BERM PER DETAIL 1 ON SHEET 30C-03
- INSTALL SEDIMENT FENCE PER LSP 175
- INSTALL WATTLE
- INSTALL WATTLE DITCH CHECK WATTLE TO REMAIN IN PLACE AFTER CONSTRUCTION.

KEY MAP



GENERAL NOTES

- AREAS DISTURBED WITHIN ROW SHALL BE SEEDED WITH CITY OF LINCOLN, NE WETLANDS ARE NOTED. THESE AREAS SHALL BE SEEDED WITH THE WETLAND EROSION CONTROL BLANKET SHALL BE A 30% TO 50% SODIUM POLYMER THAN APPROVED EQUIVALENT.
- SEEDING IS NOT REQUIRED WITHIN PRIVATE PROPERTY.

KEY NOTES

- INSTALL CONSTRUCTION ENTRANCE PER LSP 175 30C-03
- INSTALL EARTHEN BERM PER DETAIL 1 ON SHEET 30C-03
- INSTALL SEDIMENT FENCE PER LSP 175
- INSTALL WATTLE
- INSTALL WATTLE DITCH CHECK WATTLE TO REMAIN IN PLACE AFTER CONSTRUCTION.

LEGEND

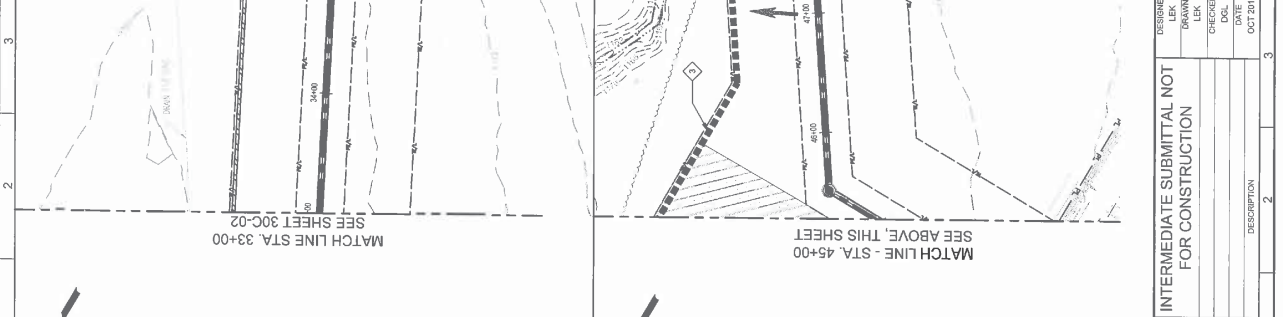
- TREE LINE
- WETLAND
- CHANNEL
- EXISTING CONTOUR
- CONSTRUCTION ENTRANCE
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- STRAW WATTLE
- FLOODPLAIN SEED MIX
- WETLAND CHANNEL SEED MIX
- FESCUE SEED MIX
- FLOW DIRECTION ARROW

KEY MAP

SCALE

HORIZONTAL: 1" = 50'

VERTICAL: 1" = 100'



REV	DATE	BY	DESCRIPTION

DESIGNED: LEK
DRAWN: JCL
CHECKED: JCL
DATE: OCT 2017

DATE: OCT 2017

PROJECT NO: 10424.10
FILE NAME: 104421010003.dwg

PROJECT: STEVENS CREEK PHASE V SANITARY SEWER PROJECT
SUBPROJECT: STORMWATER POLLUTION PREVENTION PLAN
DRAWING NO: 30C-03
SHEET NO: 32 OF 42

carollo

FELSBURG & HOLT & ULLEVIK

CITY OF LINCOLN, NE

STEVEN'S CREEK PHASE V SANITARY SEWER PROJECT

STORMWATER POLLUTION PREVENTION PLAN

STA. 33+00 TO 57+00

INTERMEDIATE SUBMITTAL NOT FOR CONSTRUCTION

PROTECTED WETLANDS WITHIN TEMPORARY EASEMENT

Diggers Hotline of Nebraska
 800.331.5888
 Missouri, Oklahoma, Kansas

Sealing: (817) 333-7777

Call Before You Dig... It's The Law

DESIGNED: LEK
DRAWN: JCL
CHECKED: JCL
DATE: OCT 2017

DATE: OCT 2017

PROJECT NO: 10424.10
FILE NAME: 104421010003.dwg

PROJECT: STEVENS CREEK PHASE V SANITARY SEWER PROJECT
SUBPROJECT: STORMWATER POLLUTION PREVENTION PLAN
DRAWING NO: 30C-03
SHEET NO: 32 OF 42

GENERAL NOTES

1. STAGING AREA INCLUDES LOCATION OF JOB AND EQUIPMENT INCLUDING WASTE FACILITIES, SECONDARY CONTAINMENT, AND WASHOUTS AS NECESSARY TO COMPLETE WORK AND SHALL MARK LOCATIONS ON SWPPP RETAINED ON SITE.
2. CONTRACTOR SHALL TAKE ALL PRACTICAL PRECAUTIONS TO MINIMIZE DISTURBANCE TO CROP LANDS, WHEREVER PRACTICAL, LEAVE AREAS UNDISTURBED.

LEGEND

- TREE LINE
- WETLAND
- CHANNEL
- - - - - EXISTING CONTOUR
- CONSTRUCTION ENTRANCE
- STAGING AREA
- EARTHEN BERM
- SEDIMENT FENCE
- STRAW WATTLE
- 0.2, 2.5, 2.0, 2.0, 2.0 FLOODPLAIN SEED MIX
- WETLAND CHANNEL SEED MIX
- FESCUE SEED MIX
- FLOW DIRECTION ARROW

KEY NOTES

- 1. INSTALL CONSTRUCTION ENTRANCE PER LSP 178
- 2. INSTALL EARTHEN BERM PER DETAIL 1 ON SHEET 30C-06
- 3. INSTALL SEDIMENT FENCE PER LSP 175
- 4. INSTALL WATTLE
- 5. INSTALL WATTLE DITCH CHECK, WATTLE TO REMAIN IN PLACE AFTER CONSTRUCTION.

ADDITIONAL NOTES

1. ALL SEEDING WITHIN ROW SHALL BE SEED WITH CITY OF LINCOLN TYPE "P" - RURAL MIX EXCEPT WHERE NOTED OTHERWISE. SEEDING SHALL BE SEED WITH THE WETLAND MIX WHERE PRACTICAL. SEEDING SHALL BE PLACED ON ALL SLOPES STEEPER THAN 3:1. SEEDING SHALL BE APPROVED EQUIPMENT.
2. SEEDING SHALL BE APPROVED EQUIPMENT. SEEDING SHALL BE APPROVED EQUIPMENT.

KEY MAP

SCALE

HORIZONTAL

0 25 50 100'

ADDITIONAL NOTES

1. ALL SEEDING WITHIN ROW SHALL BE SEED WITH CITY OF LINCOLN TYPE "P" - RURAL MIX EXCEPT WHERE NOTED OTHERWISE. SEEDING SHALL BE SEED WITH THE WETLAND MIX WHERE PRACTICAL. SEEDING SHALL BE PLACED ON ALL SLOPES STEEPER THAN 3:1. SEEDING SHALL BE APPROVED EQUIPMENT.
2. SEEDING SHALL BE APPROVED EQUIPMENT. SEEDING SHALL BE APPROVED EQUIPMENT.

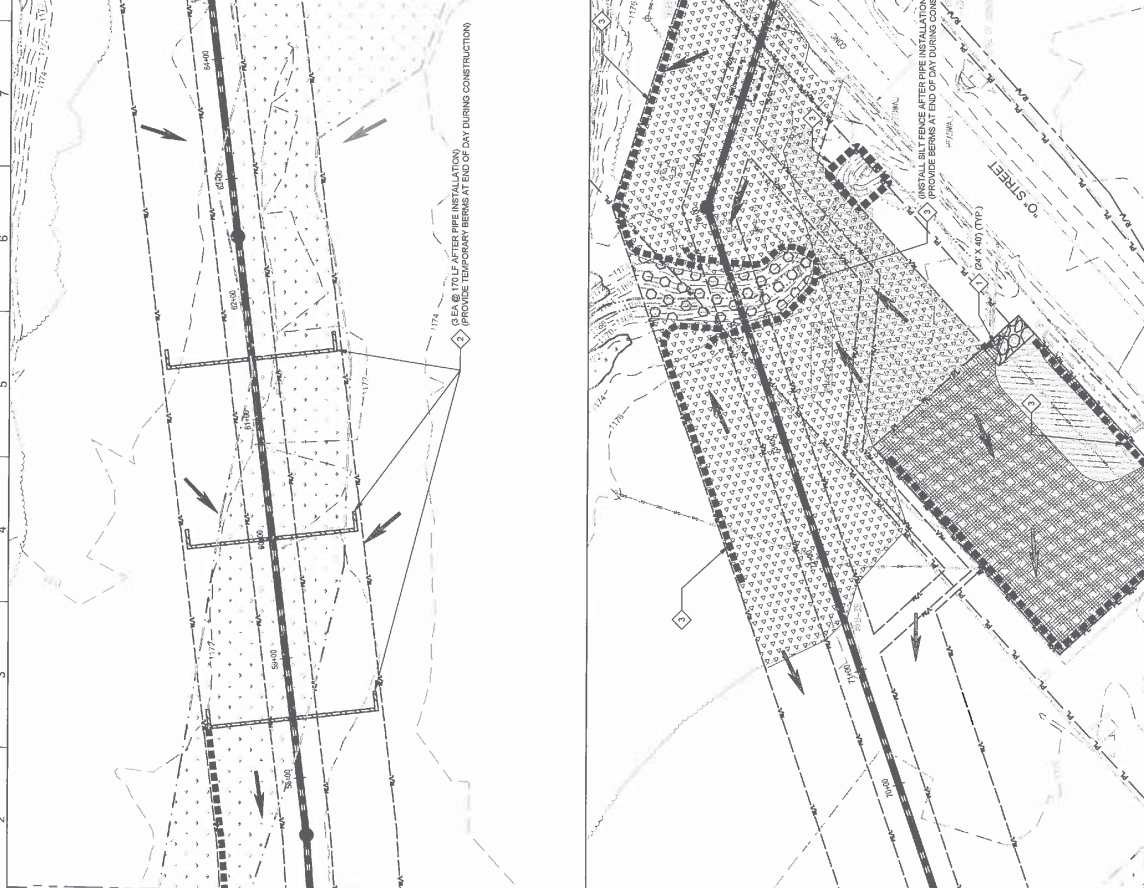
KEY NOTES

- 1. INSTALL CONSTRUCTION ENTRANCE PER LSP 178
- 2. INSTALL EARTHEN BERM PER DETAIL 1 ON SHEET 30C-06
- 3. INSTALL SEDIMENT FENCE PER LSP 175
- 4. INSTALL WATTLE
- 5. INSTALL WATTLE DITCH CHECK, WATTLE TO REMAIN IN PLACE AFTER CONSTRUCTION.

SCALE

HORIZONTAL

0 25 50 100'



ADDITIONAL NOTES

1. ALL SEEDING WITHIN ROW SHALL BE SEED WITH CITY OF LINCOLN TYPE "P" - RURAL MIX EXCEPT WHERE NOTED OTHERWISE. SEEDING SHALL BE SEED WITH THE WETLAND MIX WHERE PRACTICAL. SEEDING SHALL BE PLACED ON ALL SLOPES STEEPER THAN 3:1. SEEDING SHALL BE APPROVED EQUIPMENT.
2. SEEDING SHALL BE APPROVED EQUIPMENT. SEEDING SHALL BE APPROVED EQUIPMENT.

KEY NOTES

- 1. INSTALL CONSTRUCTION ENTRANCE PER LSP 178
- 2. INSTALL EARTHEN BERM PER DETAIL 1 ON SHEET 30C-06
- 3. INSTALL SEDIMENT FENCE PER LSP 175
- 4. INSTALL WATTLE
- 5. INSTALL WATTLE DITCH CHECK, WATTLE TO REMAIN IN PLACE AFTER CONSTRUCTION.

SCALE

HORIZONTAL

0 25 50 100'

LST SAVED BY: LMK/KMP PROJECT NO. 10424.10 FILE NAME: 10442102004.dwg
 DESIGNED: LEK DRAWN: DATE: OCT 2017
 CHECKED: DOL
 CITY OF LINCOLN, NE
 CIVIL
 STEVENS CREEK PHASE V SANITARY SEWER PREVENTION
 STORMWATER POLLUTION PREVENTION PLAN
 STA. 57+00 TO 81+00
 30C-04
 SHEET NO. 33 OF 42
 13

GENERAL NOTES

1. STAGING AREA INCLUDES LOCATION OF JOB AND EQUIPMENT INCLUDING WASTE FACILITIES, SECONDARY CONTAINMENT, AND WASHOUTS AS NECESSARY TO COMPLETE WORK AND SHALL MARK LOCATIONS ON SWPPP RETAINED ON SITE.
2. CONTRACTOR SHALL TAKE ALL PRACTICAL PRECAUTIONS TO MINIMIZE DISTURBANCE TO CROP LANDS, WHEREVER PRACTICAL, LEAVE AREAS UNDISTURBED.

LEGEND

- TREE LINE
- WETLAND
- CHANNEL
- - - - - EXISTING CONTOUR
- CONSTRUCTION ENTRANCE
- STAGING AREA
- EARTHEN BERM
- SEDIMENT FENCE
- STRAW WATTLE
- 0.2, 2.5, 2.0, 2.0, 2.0 FLOODPLAIN SEED MIX
- WETLAND CHANNEL SEED MIX
- FESCUE SEED MIX
- FLOW DIRECTION ARROW

KEY NOTES

- 1. INSTALL CONSTRUCTION ENTRANCE PER LSP 178
- 2. INSTALL EARTHEN BERM PER DETAIL 1 ON SHEET 30C-06
- 3. INSTALL SEDIMENT FENCE PER LSP 175
- 4. INSTALL WATTLE
- 5. INSTALL WATTLE DITCH CHECK, WATTLE TO REMAIN IN PLACE AFTER CONSTRUCTION.

GENERAL NOTES
<p>1. STAGING AREA INCLUDES LOCATION OF JOB MATERIALS, TOILETS, AND EQUIPMENT FUELING STORAGE WITH SECONDARY CONTAINMENT.</p> <p>2. WASHWATS AS NEEDED TO COMPLETE WORK AND BIRTEL MARK LOCATIONS ON SWMPF RETAINED ON SITE.</p> <p>3. CONTRACTOR SHALL TAKE ALL PRACTICAL MEASURES TO PREVENT EROSION OF STREAMS, CRIP LANS, WETLANDS, VEGETATION, TREES, AND UNDISTURBED.</p>
LEGEND
<p>TREE LINE</p> <p>WETLAND</p> <p>1186</p> <p>EXISTING CONTOUR</p> <p>CONSTRUCTION ENTRANCE</p> <p>STAGING AREA</p> <p>EARTHEN BERM</p> <p>SEDIMENT FENCE</p> <p>STRAW WATTLE</p> <p>FLOODPLAIN SEED MIX</p> <p>WETLANDCHANNEL SEED MIX</p> <p>FESCUE SEED MIX</p> <p>FLOW DIRECTION ARROW</p>
KEY NOTES
<p>INSTALL CONSTRUCTION ENTRANCE PER LSP 176</p> <p>INSTALL EARTHEN BERM PER DETAIL ON SHEET 30C-06</p> <p>INSTALL SEDIMENT FENCE PER LSP 173</p> <p>INSTALL WATTLE</p> <p>INSTALL WATTLE DITCH CHECK, WATTLE TO REMAIN IN PLACE AFTER CONSTRUCTION.</p>
KEY MAP
SCALE
<p>HORIZONTAL</p>
VERIFY SCALES
<p>AS SHOWN ON DRAWINGS</p> <p>PROJECT NO. 10442A.10</p> <p>DRAWING NO. 30C-05</p> <p>SHEET NO. 34 OF 42</p>

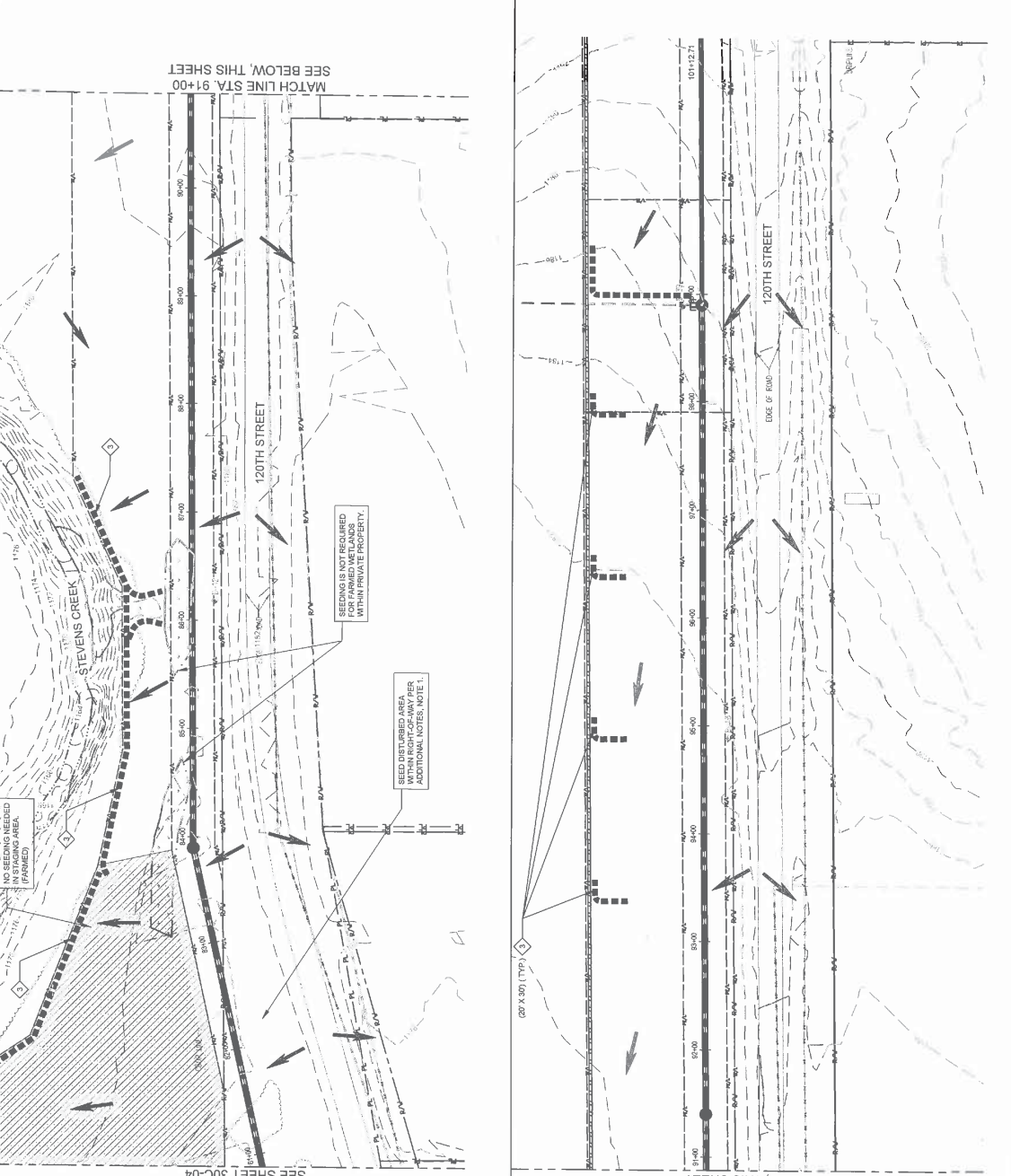
ADDITIONAL NOTES

1. AREAS DISTURBED WITHIN ROW SHALL BE SEED WITH FESCUE SEED MIX EXCEPT WHERE WETLANDS ARE NOTED. THESE AREAS SHALL BE SEED WITH FLOODPLAIN SEED MIX (SEE ALSO SHEET 30C-06).

2. EROSION CONTROL BLANKET SHALL BE A 3:1 V:1 SLOPE. EROSION CONTROL BLANKET IN THESE AREAS SHALL BE APPROVED EQUIVALENT.

3. SEEDING IS NOT REQUIRED FOR AREAS WITHIN PRIVATE PROPERTY.

4. SEED DISTURBED AREA WITHIN RIGHT-OF-WAY PER ADDITIONAL NOTES, NOTE 1.



INTERMEDIATE SUBMITTAL NOT FOR CONSTRUCTION			
DESIGNED BY: LUKAS KNEPP	CHECKED BY: JAMIE L-9810	DATE: OCT 2017	
REV	DATE	BY	DESCRIPTION

CITY OF LINCOLN, NE

STEVENS CREEK PHASE V SANITARY SEWER PROJECT
CIVIL

STORMWATER POLLUTION PREVENTION PLAN
STA. 81+00 TO 99+02.48

Diggers Holding Of Nebraska

SLS-140 (603) 331-6666

Miss Omaha 44-3585

Call Before You Dig... Be The Law

GENERAL NOTES

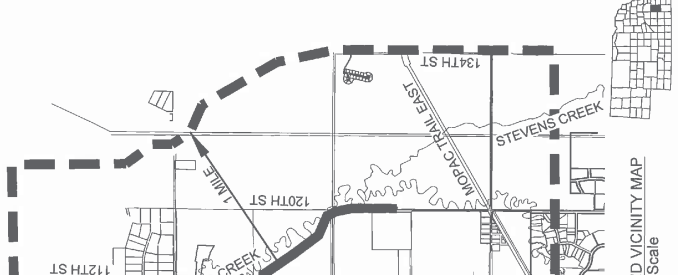
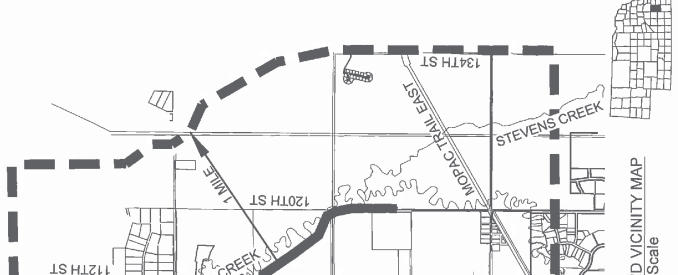
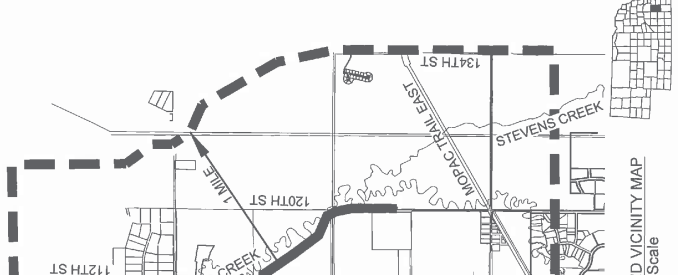
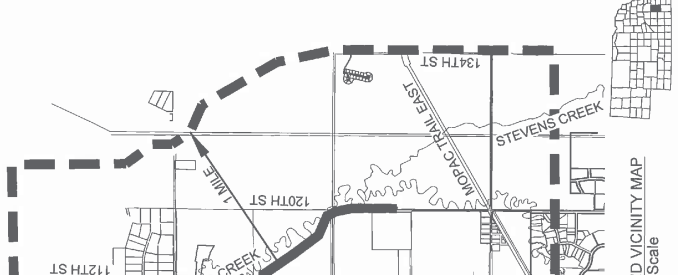
- ANY TOPSOIL REMOVED FROM METAL AND/OR FARMLAND MUST BE STOCKPILED AND RETURNED IN PLACE AFTER CONSTRUCTION. SEE FRESH DISPOSITIONS FOR FURTHER DETAILS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF LINCOLN AND ALL APPLICABLE GOVERNMENT APPROVALS HAVE BEEN RECEIVED PRIOR TO THE START OF WORK.
- POTENTIAL SOURCES OF POLLUTION THAT MAY AFFECT THE QUALITY OF STREAMS OR BODIES OF WATER INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: SEDIMENT RUNOFF FROM EARTHWORK AND EXCAVATION; CONCRETE WASHOUT AND SAWDUSTING OF AGGREGATE; WASTEWATER FROM INDUSTRIAL, COMMERCIAL AND RESIDENTIAL AREAS; FERTILIZER, PESTICIDES, FUEL, OIL, AND OTHER HAZARDOUS MATERIALS; AND WASTEWATER FROM CONSTRUCTION RELATED POLLUTANTS.
- THE USE OF BEST MANAGEMENT PRACTICES (BMPs) SHALL NOT BE INTERFERED WITHOUT INCURRED AND APPROVABLE THROUGH THE USE OF BEST MANAGEMENT PRACTICES (BMPs).
- BROWNAJAC CONCRETE CONCRETE MATERIALS EXPECTED TO BE STORED ON-SITE MAY INCLUDE PIPE, PRECAST MANHOLE AND INLET SECTIONS, MISCELLANEOUS CONSTRUCTION MATERIALS.
- WASTE AND CONSTRUCTION MATERIALS MUST BE STORED AWAY FROM DRAINAGE INLETS TO THE EXTENT POSSIBLE.
- IF SEDIMENT ESCAPES THE SITE BOUNDARIES, THE OFFSITE ACCUMULATION MUST BE REMOVED PROMPTLY AND RECORDING SHOULD BE MADE TO THE SWPPP AS APPROPRIATE.
- THE APPLICANT, INSPECTOR AND CONTRACTOR/OPERATORS MUST FURNISH TO ALL GOVERNING AGENCIES BMPs, RESOURCES WITHIN THE SUPPLEMENTAL BMP GUIDE (SEE PAGE 35-10), GOOD HOUSEKEEPING BMPs FOCUS ON KEEPING THE WORK SITE CLEAN AND ORDERLY WHILE HANDLING MATERIALS AND WASTE IN A MANNER THAT ELIMINATES THE POTENTIAL FOR POLLUTANT RUNOFF, GOOD STORAGE (GWS), STREET CLEANING/KEEPING (SCK) and VEHICLE & EQUIPMENT FUELING (S&E) MUST BE ADDRESSED WHEN APPLICABLE.
- THE SWPPP DOCUMENTS (6 & 7) ARE ESSENTIAL AND A REQUIREMENT IN ONE PART IS AS BINDING AS THE OTHER PART. THE SWPPP DOCUMENTS (6 & 7) ARE ESSENTIAL AND A REQUIREMENT IN ONE PART IS AS BINDING AS THE OTHER PART. THE APPLICANT, INSPECTOR AND CONTRACTOR/OPERATORS MAY NOT TAKE ADVANTAGE OF ANY APPARENT SWPPP ERRORS OR OMISSIONS. THE INSPECTOR SHALL NOTIFY THE APPLICANT, DESIGNER, AND CONTRACTOR/OPERATORS PROMPTLY OF ANY ERRORS OR OMISSIONS. THE APPLICANT, DESIGNER, AND CONTRACTOR/OPERATORS SHALL CORRECT ANY ERRORS OR OMISSIONS TO THE OVERALL INTENT OF THE SWPPP DOCUMENTS (6 & 7) AND STANDING PERMIT MODIFICATION FORM. IN THE CASE OF A DISCREPANCY BETWEEN PARTS OF THE SWPPP DOCUMENTS, THE MOST STRINGENT REQUIREMENTS SHALL RULE.

MAINTENANCE SCHEDULE

- THE FOLLOWING MAINTENANCE SCHEDULE HAS BEEN PROVIDED. THE INSPECTOR MUST PERFORM THE INSPECTIONS. THE MAINTENANCE SCHEDULE SHALL BE SUBMITTED TO THE CITY OF LINCOLN FOR APPROVAL. THE MAINTENANCE SCHEDULE SHALL BE SUBMITTED TO THE CITY OF LINCOLN FOR APPROVAL. THE MAINTENANCE SCHEDULE SHALL BE SUBMITTED TO THE CITY OF LINCOLN FOR APPROVAL.
- CONSTRUCTION AND STAGING ENTRANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR SPREADING OF SOIL AND DEBRIS TO THE ADJACENT ROADWAY. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR SPREADING OF SOIL AND DEBRIS TO THE ADJACENT ROADWAY. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR SPREADING OF SOIL AND DEBRIS TO THE ADJACENT ROADWAY.
 - DAMAGED BARRIERS, END RAILS AND UNDERCUTTING BENCH BALES: (2) NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE COMPLETED IMMEDIATELY UPON IDENTIFICATION. (3) NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE COMPLETED IMMEDIATELY UPON IDENTIFICATION. (3) NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE COMPLETED IMMEDIATELY UPON IDENTIFICATION.
 - SAFETY: THE MAINTENANCE SCHEDULE ARE AS FOLLOWS: (1) ALL FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL EVENT. THE MAINTENANCE SCHEDULE ARE AS FOLLOWS: (1) ALL FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL EVENT. THE MAINTENANCE SCHEDULE ARE AS FOLLOWS: (1) ALL FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL EVENT.
 - TEMPORARY SEDIMENT BARRIERS: THE MAINTENANCE SCHEDULE ARE AS FOLLOWS: (1) SEDIMENT BARRIERS SHALL BE INSPECTED EVERY TWO WEEKS. THE MAINTENANCE SCHEDULE ARE AS FOLLOWS: (1) SEDIMENT BARRIERS SHALL BE INSPECTED EVERY TWO WEEKS. THE MAINTENANCE SCHEDULE ARE AS FOLLOWS: (1) SEDIMENT BARRIERS SHALL BE INSPECTED EVERY TWO WEEKS.
 - TEMPORARY SEDIMENT TRAP: THE MAINTENANCE SCHEDULE ARE AS FOLLOWS: (1) SEDIMENT TRAP SHALL BE INSPECTED EVERY TWO WEEKS. THE MAINTENANCE SCHEDULE ARE AS FOLLOWS: (1) SEDIMENT TRAP SHALL BE INSPECTED EVERY TWO WEEKS. THE MAINTENANCE SCHEDULE ARE AS FOLLOWS: (1) SEDIMENT TRAP SHALL BE INSPECTED EVERY TWO WEEKS.
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SEEDING NOTES:

- CONTRACTOR SHALL MINIMIZE SOIL COMPACTION AFTER FINAL VEGETATIVE STABILIZATION HAS BEGUN.
- MULCH SHALL BE INSTALLED IN ALL DISTURBED AREAS THAT ARE TO BE SEEDED PER THE CITY OF LINCOLN STANDARD SPECIFICATIONS, CHAPTER 30 "SEEDING AND SOODING" UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR SHALL MINIMIZE SOIL COMPACTION AFTER FINAL VEGETATIVE STABILIZATION HAS BEGUN.
- MULCH SHALL BE INSTALLED IN ALL DISTURBED AREAS THAT ARE TO BE SEEDED PER THE CITY OF LINCOLN STANDARD SPECIFICATIONS, CHAPTER 30 "SEEDING AND SOODING" UNLESS OTHERWISE SPECIFIED.



REV	DATE	BY	DESCRIPTION

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CHECKED	
DATE	
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DATE	

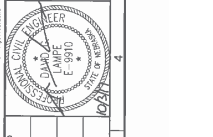
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 LAST PRINTED: 5/15/2017 11:39:56 AM

VERIFY SCALES	AS SHOWN
SCALE	1" = 10' (NOT TO SCALE)

CITY OF LINCOLN, NE
STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 OR
STORMWATER POLLUTION PREVENTION PLAN
 SWPPP NOTES AND DETAILS, SHEET 1



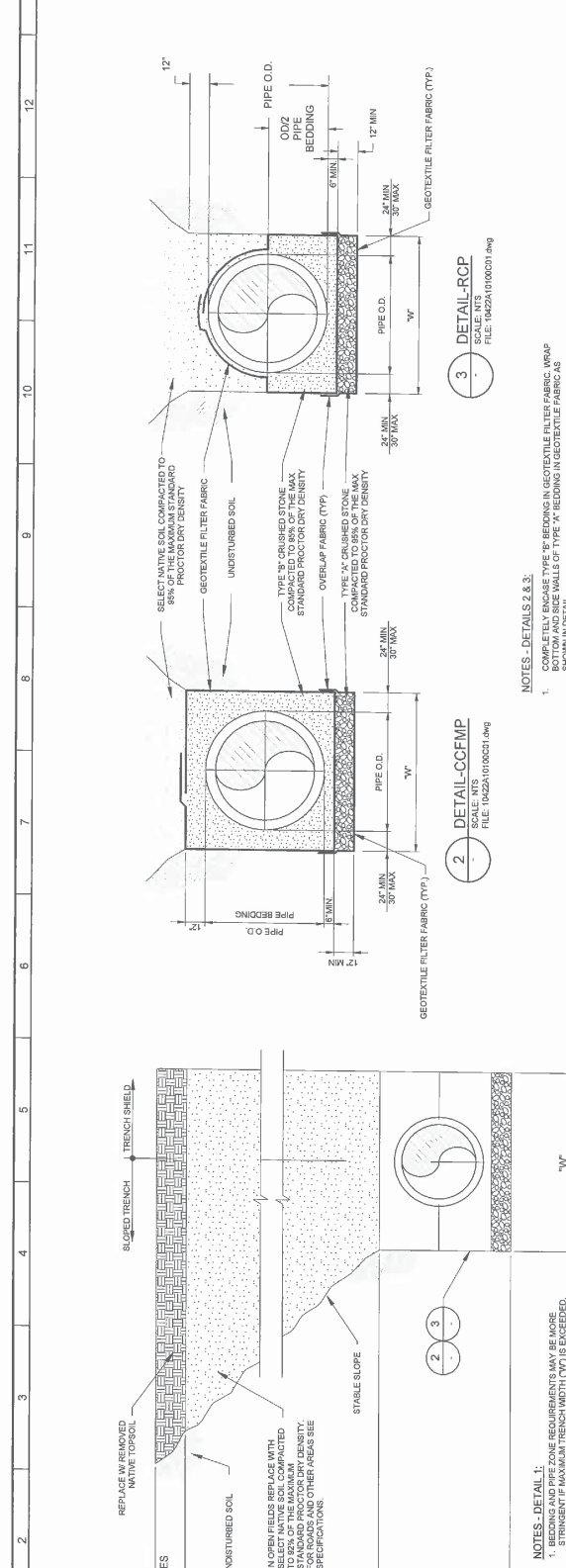
Diggers Hotline of Nebraska
 Nebraska (800) 331-5588
 Missouri (800) 331-5588
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DRAINAGE AND VICINITY MAP
 No Scale

REV	DATE	BY	DESCRIPTION

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 PLOT TIME: 5/15/2017 11:39:56 AM
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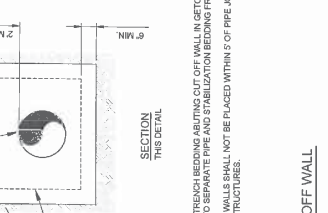
1 DETAIL-PIPE TRENCH, BEDDING & BACKFILL
SCALE: N.T.S.
FILE: 10422A101000201.dwg

2 DETAIL-CCFMP
SCALE: N.T.S.
FILE: 10422A101000201.dwg

3 DETAIL-RCP
SCALE: N.T.S.
FILE: 10422A101000201.dwg

NOTES - DETAIL 1:
1. SEE PERMITS FOR ANY ADDITIONAL REQUIREMENTS. MAXIMUM TRENCH WIDTH (TW) IS EXCEEDED.
2. STRIKING IF MAXIMUM TRENCH WIDTH (TW) IS EXCEEDED.

NOTES - DETAILS 2 & 3:
1. COMPLETELY ENGAGE TYPE 'B' BEDDING IN GEOTEXTILE FILTER FABRIC. WRAP DOWN AND SIDE WALLS OF TYPE 'X' BEDDING IN GEOTEXTILE FABRIC AS SHOWN.
2. SURFACE OF TYPE 'B' BEDDING MATERIAL AND FABRIC SHALL BE PACKED SUCH THAT THE AREA OF THE TRENCH VACATED BY THE TRENCH SHIELD IS FILLED BY BEDDING MATERIALS AND STILL MAINTAINS MINIMUM DIMENSIONS AND TOP OF BEDDING LEVEL.
3. UNLESS NOTED OTHERWISE, OVERLAP FABRIC 4 FT MIN. TYPE FABRIC OVERLAP TO AVOID DISJUNCTION DURING BACKFILL OPERATIONS.



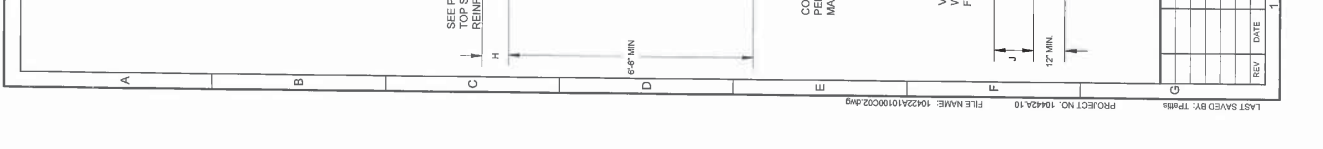
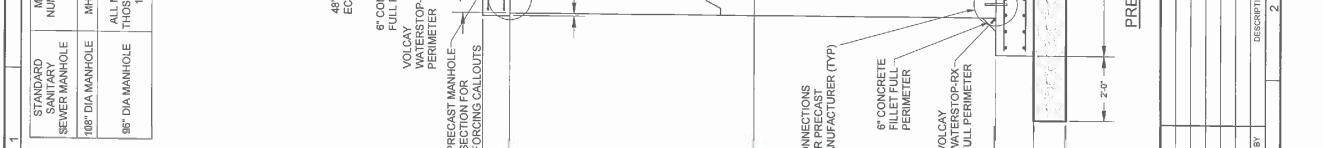
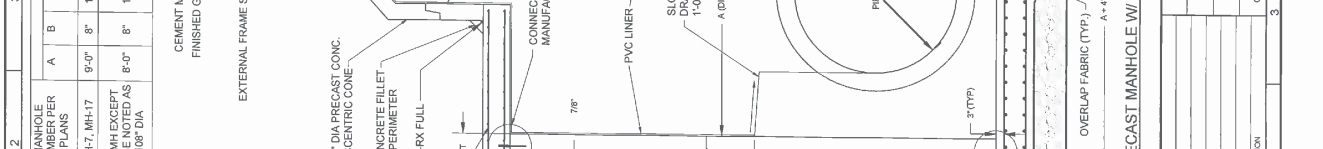
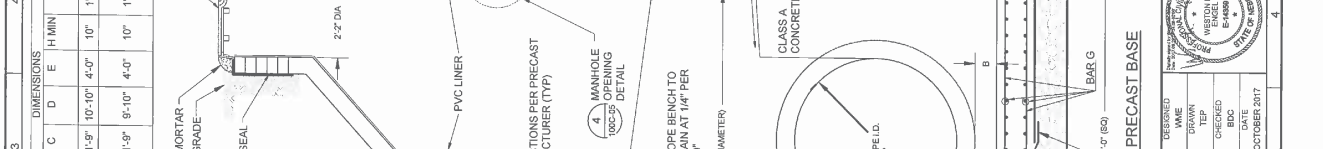
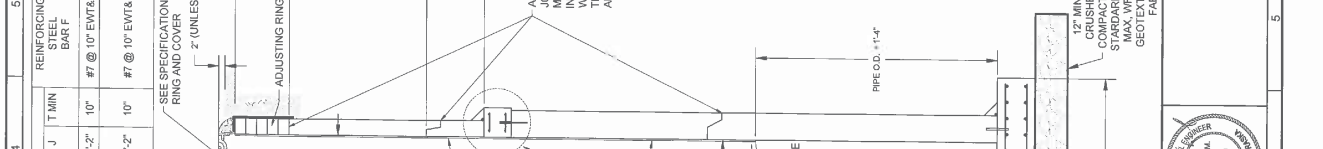
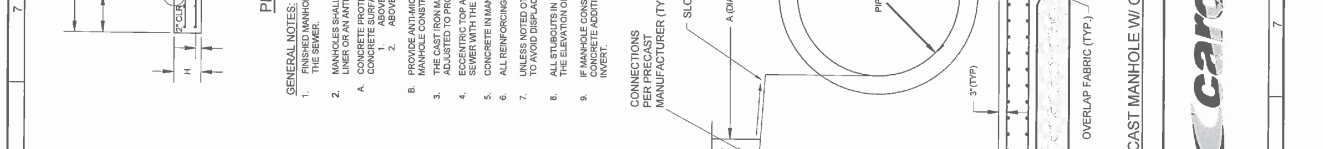
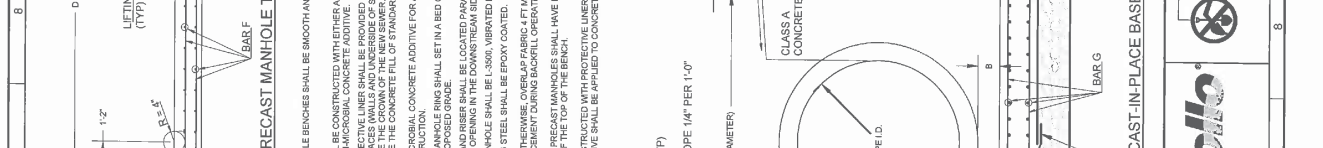
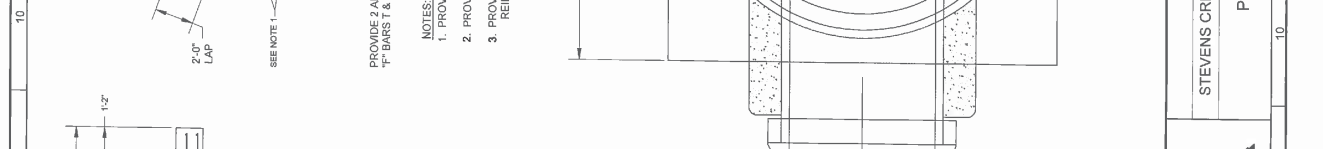
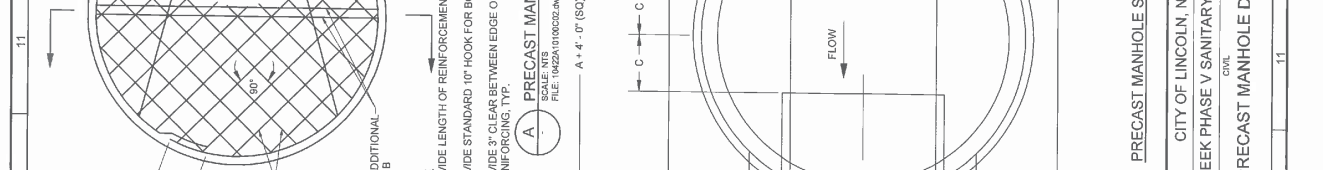
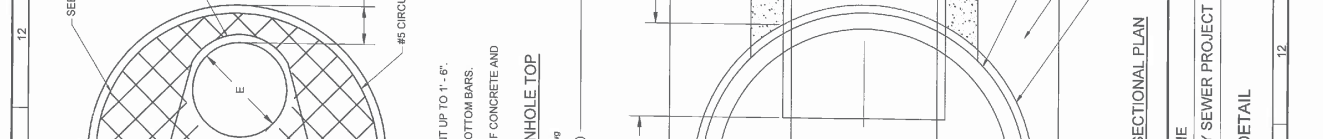
4 CLAY OR CLSM TRENCH CUT-OFF WALL
SCALE: N.T.S.

NOTES - DETAIL 4:
1. BRACE CUT-OFF WALL UNTIL BACKFILL IS PLACED.
2. KEEP BACKFILL DEPTH EQUAL ON BOTH SIDES OF CUT-OFF WALL AS TRENCH IS BACKFILLED.
3. CUT OFF WALLS MAY BE CONSTRUCTED FROM ON-SITE LOW PLASTICITY CLAYS WITH A LIQUID LIMIT LESS THAN 45% AND PLASTIC INDEX BETWEEN 10% AND 25% (D989).
4. ALTERNATIVELY, TRENCH CUT OFF WALLS MAY BE CONSTRUCTED WITH CLSM.
5. ENGAGE TRENCH BEDDING ABUTTING CUT-OFF WALL IN GEOTEXTILE FILTER FABRIC TO SEPARATE PIPE AND STABILIZATION BEDDING FROM CUT OFF WALL.
6. OTHER STRUCTURES SHALL NOT BE PLACED WITHIN 5' OF PIPE JOINTS, MANHOLES, OR OTHER STRUCTURES.

REV	DATE	BY	DESCRIPTION
1			

DESIGNED	NAME	DATE
CHECKED	NAME	DATE
IN CHARGE	NAME	DATE
DATE	DATE	DATE
OCTOBER 2017		

Diggers Hotline Of Nebraska Statewide (800) 331-6556 Mobile (402) 344-5556 Call Before You Dig - 811 Nebraska		
CITY OF LINCOLN, NE STEVENS CREEK PHASE V SANITARY SEWER PROJECT CIVIL PIPE, TRENCH, BEDDING AND BACKFILL DETAILS		
VERIFY SCALES MAKE SURE EACH ON CONTRACT DRAWING IF NOT ONE INCH ON SCALES ACCORDINGLY	DRAWING NO 100C-01	SHEET NO 37 OF 42



STANDARD SEWER MANHOLE DIA	MANHOLE NUMBER PER PLANS	DIMENSIONS				REINFORCING STEEL BAR G	REINFORCING STEEL BAR G
		A	B	C	H		
108\"/>							

SEWER MANHOLE		REINFORCING STEEL BAR G
108\"/>		

SEWER MANHOLE		REINFORCING STEEL BAR G
108\"/>		

SEWER MANHOLE		REINFORCING STEEL BAR G
108\"/>		

REV	DATE	BY	DESCRIPTION

DESIGNED BY: JPH
CHECKED BY: BDC
DATE: OCTOBER 2017

PROJ. NO.: 10422A.10
DRAWING NO.: 100C-02
SHEET NO.: 38 OF 42

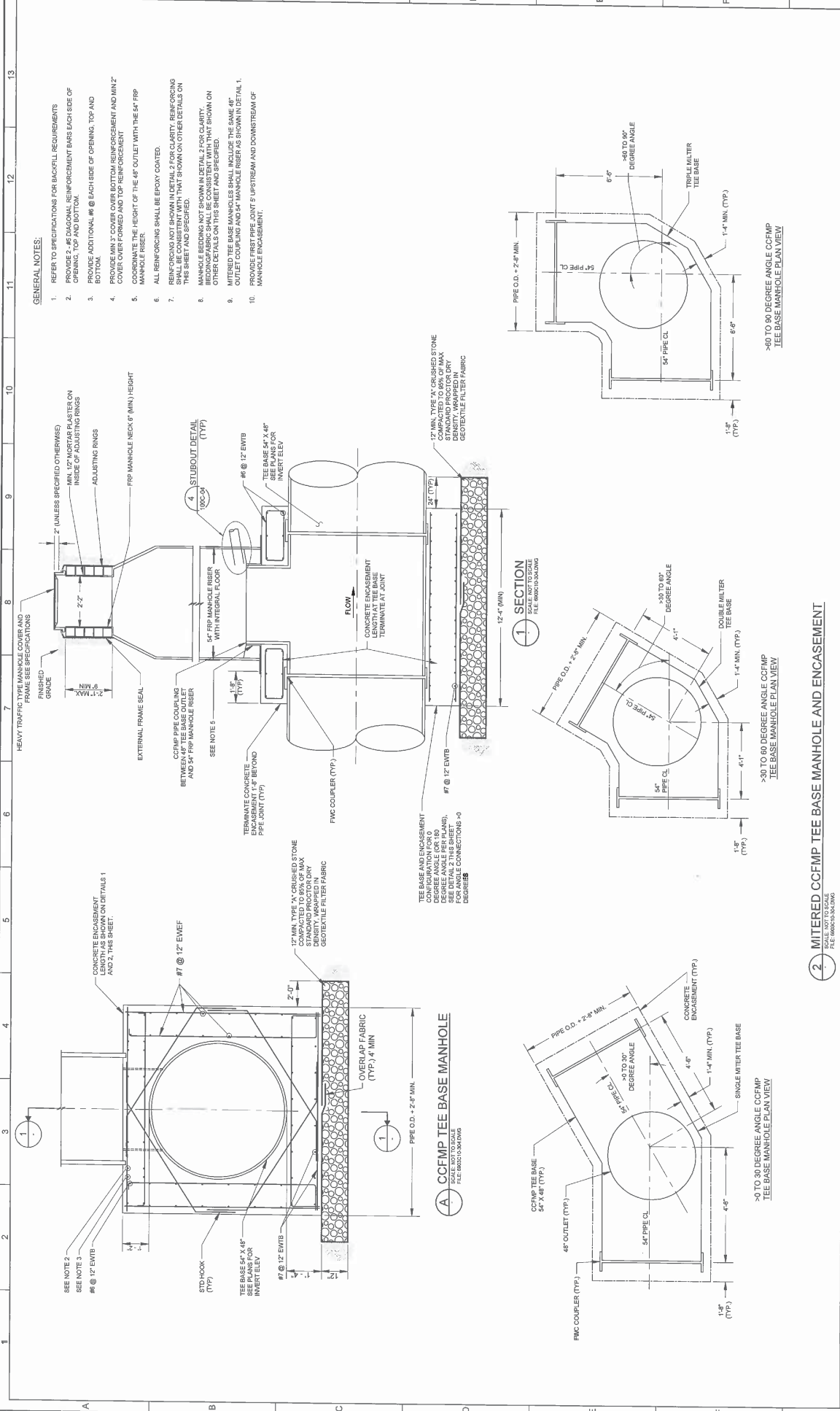
CITY OF LINCOLN, NE
STEVENS CREEK PHASE V SANITARY SEWER PROJECT
CIVIL
PRECAST MANHOLE DETAIL

carolo
Diggers Hotline Of Nebraska
Salsaville (800) 331-5886
Moore Omaha 344-8055
Call Before You Dig. It's The Law.

PRECAST MANHOLE W/ CAST-IN-PLACE BASE
OVERLAP FABRIC (TYP.)
BAR G
12\"/>

PRECAST MANHOLE W/ PRECAST BASE
OVERLAP FABRIC (TYP.)
BAR G
12\"/>

FILE NAME: 10422A101002.dwg
PROJECT NO.: 10422A.10
DRAWING NO.: 100C-02
SHEET NO.: 38 OF 42



REV	DATE	BY	DESCRIPTION

CITY OF LINCOLN, NE
 STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 CIVIL
 CCFMP TEE BASE MANHOLES
 AND MISCELLANEOUS DETAILS

VERIFY SCALES
 BAR ONE INCH ON
 GRAPHIC DRAWING
 BAR TWO INCH ON
 MECHANICAL DRAWING
 #1 NOT ONE INCH ON
 SCALES ACCORDINGLY

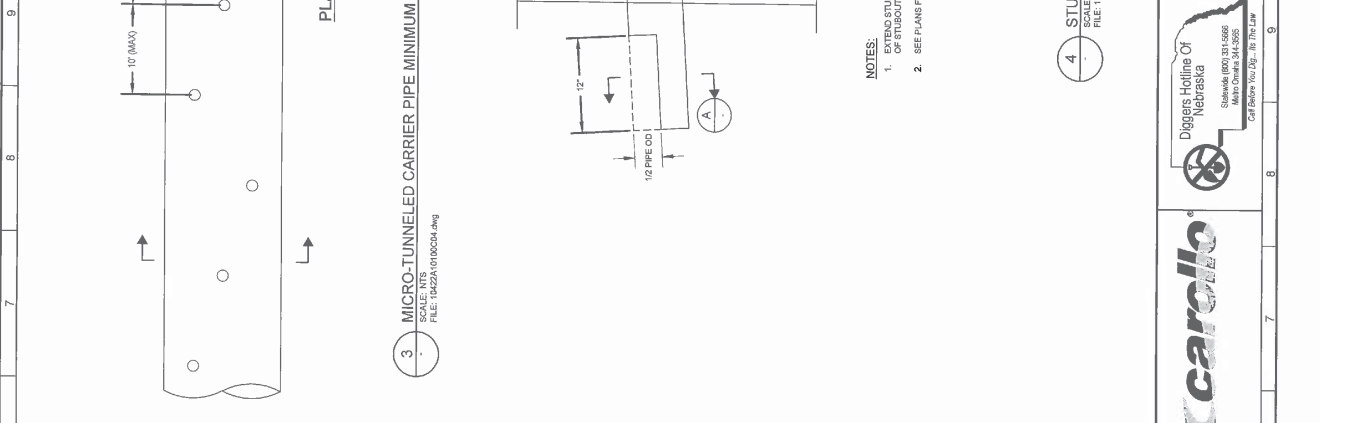
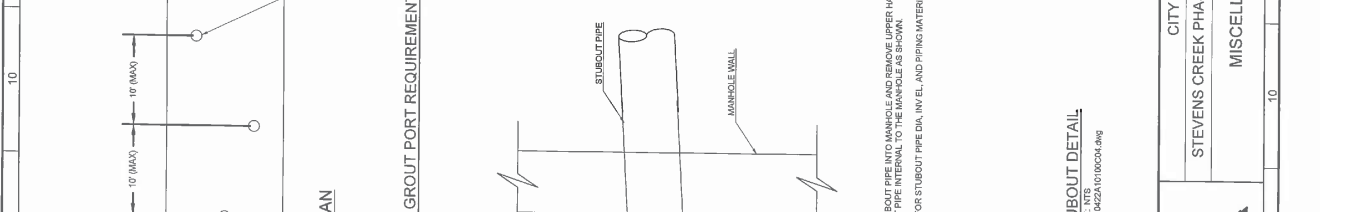
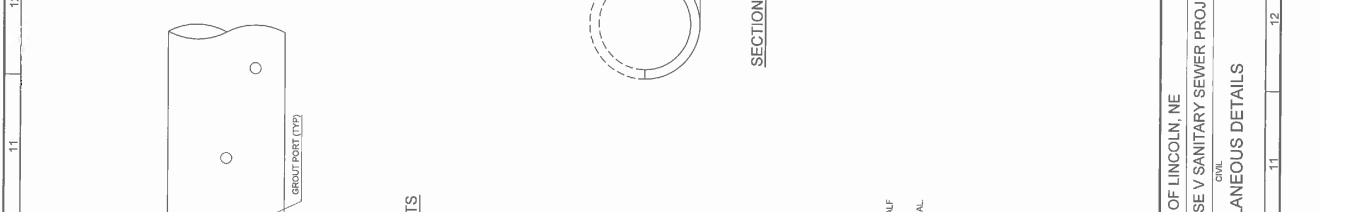
DRAWING NO.
 1000-03
 SHEET NO.
 39 OF 42

Diggers Hotline Of
 Nebraska
 Salinas (800) 331-6595
 Mankato (402) 341-8995
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REGISTERED PROFESSIONAL ENGINEER
 CIVIL ENGINEERING
 LICENSE NO. 04009
 EXPIRES 12/31/2017

REVISIONS
 NAME
 DATE
 CHECKED
 DATE
 BDC
 DATE
 OCTOBER 2017

11 10 9 8 7 6 5 4 3 2 1 A B C D E F G



NOTES:

1. CONCRETE SHALL BE CLASS A.
2. ALL REINFORCING STEEL SHALL BE EPOXY COATED.
3. SHEET PILE SHALL CONFORM TO ASTM A538B MINIMUM DEPTH OF 6 INCHES, AND MINIMUM SECTION MODULUS OF 1.2 INCHES⁴. REFER TO SPECIFICATION 02657 FOR ADDITIONAL REQUIREMENTS.
4. SHEET PILE SHALL EXTEND THE FULL DEPTH AND WIDTH ON BOTH SIDES OF THE CONCRETE ENCASUREMENT AS SHOWN.
5. PROVIDE A PIPE JOINT FLUSH WITH THE END OF EACH SIDE OF THE CONCRETE ENCASUREMENT.
6. CONTRACTOR SHALL INSTALL THE CONCRETE ENCASUREMENT WITH THE SHEET PILE TO FLOAT OR MOVE WHILE PLACING AND CURING THE CONCRETE.

CONCRETE ENCASUREMENT WITH SHEET PILE
SCALE: 1/2" = 1'-0"
FILE: 10422A10100C04.dwg

CONCRETE ENCASUREMENT WITHOUT SHEET PILE
SCALE: 1/2" = 1'-0"
FILE: 10422A10100C04.dwg

CONCRETE ENCASUREMENT WITH SHEET PILE
SCALE: 1/2" = 1'-0"
FILE: 10422A10100C04.dwg

CONCRETE ENCASUREMENT WITHOUT SHEET PILE
SCALE: 1/2" = 1'-0"
FILE: 10422A10100C04.dwg

REV	DATE	BY	DESCRIPTION

DESIGNED	DATE	BY	DATE
CHECKED	DATE	BY	DATE

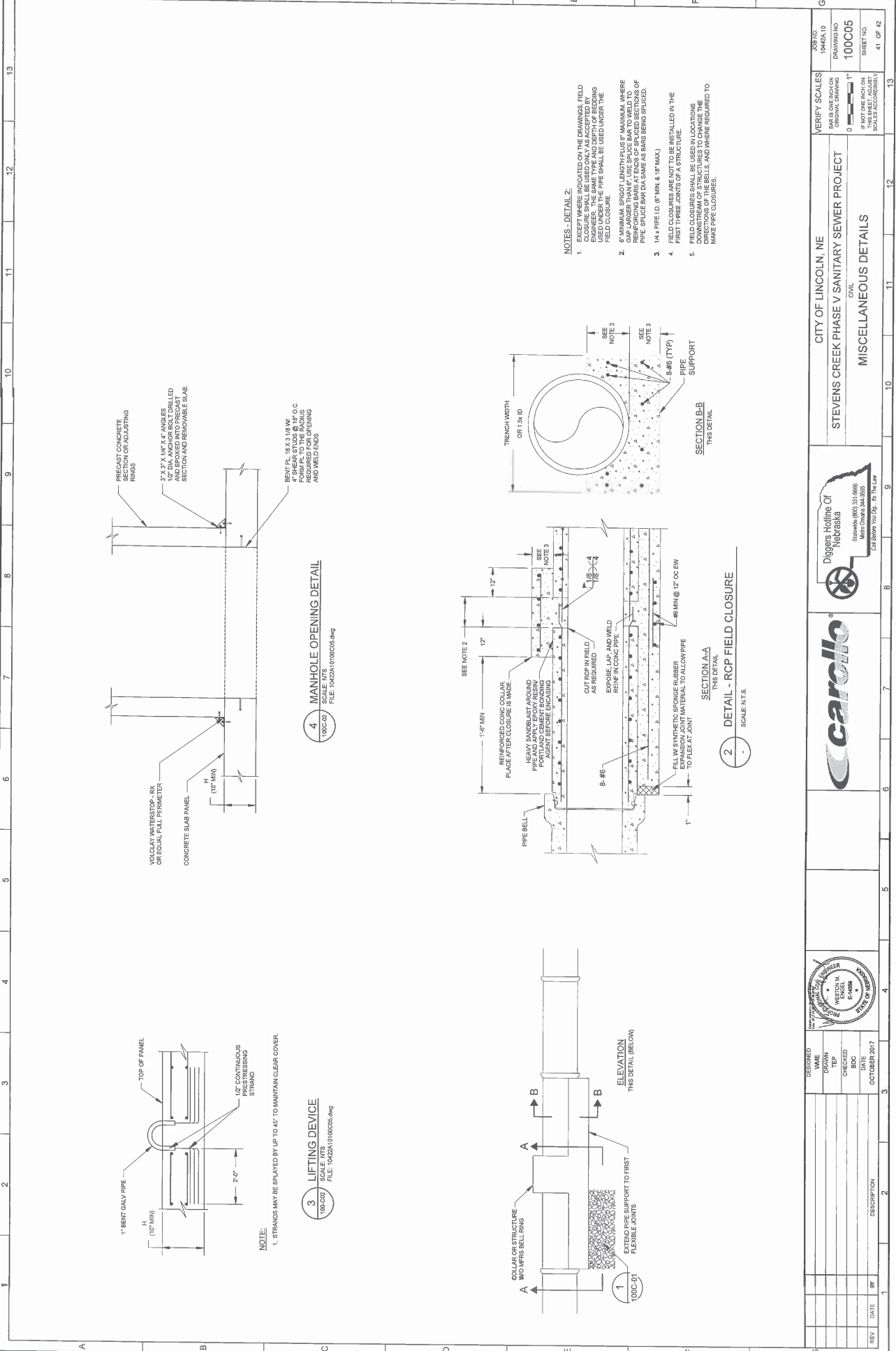
PROJECT NO. 10422A.10
DRAWING NO. 100C-04
SHEET NO. 40 OF 42
CITY OF LINCOLN, NE
STEVENS CREEK PHASE V SANITARY SEWER PROJECT
CIVIL
MISCELLANEOUS DETAILS

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON SCALES ACCORDINGLY

10422A.10
10422A.10
100C-04
40 OF 42

Diggers Hotline Of Nebraska
Subsidiary (800) 331-5566
Main Office (402) 341-6666
Call Before You Dig - Be The Law

carollo
Civil Engineering & Surveying



1. STRANDS MAY BE SPACED BY UP TO 45" TO MAINTAIN CLEAR COVER.

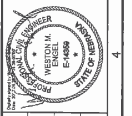
2. ELEVATION (BELOW) THIS DETAIL (BELOW)

- NOTES - DETAIL 2:**
- EXCEPT WHERE INDICATED ON THE DRAWINGS, FIELD CLOSURE SHALL BE USED ONLY AS ACCEPTED BY ENGINEERS. THE SAME TYPE AND DEPTH OF BEDDING SHALL BE USED UNDER THE FIELD CLOSURE.
 - 8" MINIMUM SPIGOT LENGTH PLUS 6" MINIMUM WHERE GAP LARGER THAN 6". USE SPLICE BAR TO WELD TO PIPE. SPLICE BAR DIA SAME AS BARS BEING SPLICED.
 - 1/4" PIPE I.D. (8" MIN. & 18" MAX.)
 - FIELD CLOSURE TO BE INSTALLED IN THE FIRST THREE JOINTS OF STRUCTURE.
 - FIELD CLOSURES SHALL BE USED IN LOCATIONS DOWNSTREAM OF STRUCTURES TO CHANGE THE DIRECTIONS OF THE BELLS, AND WHERE REQUIRED TO MAKE PIPE CLOSURES.

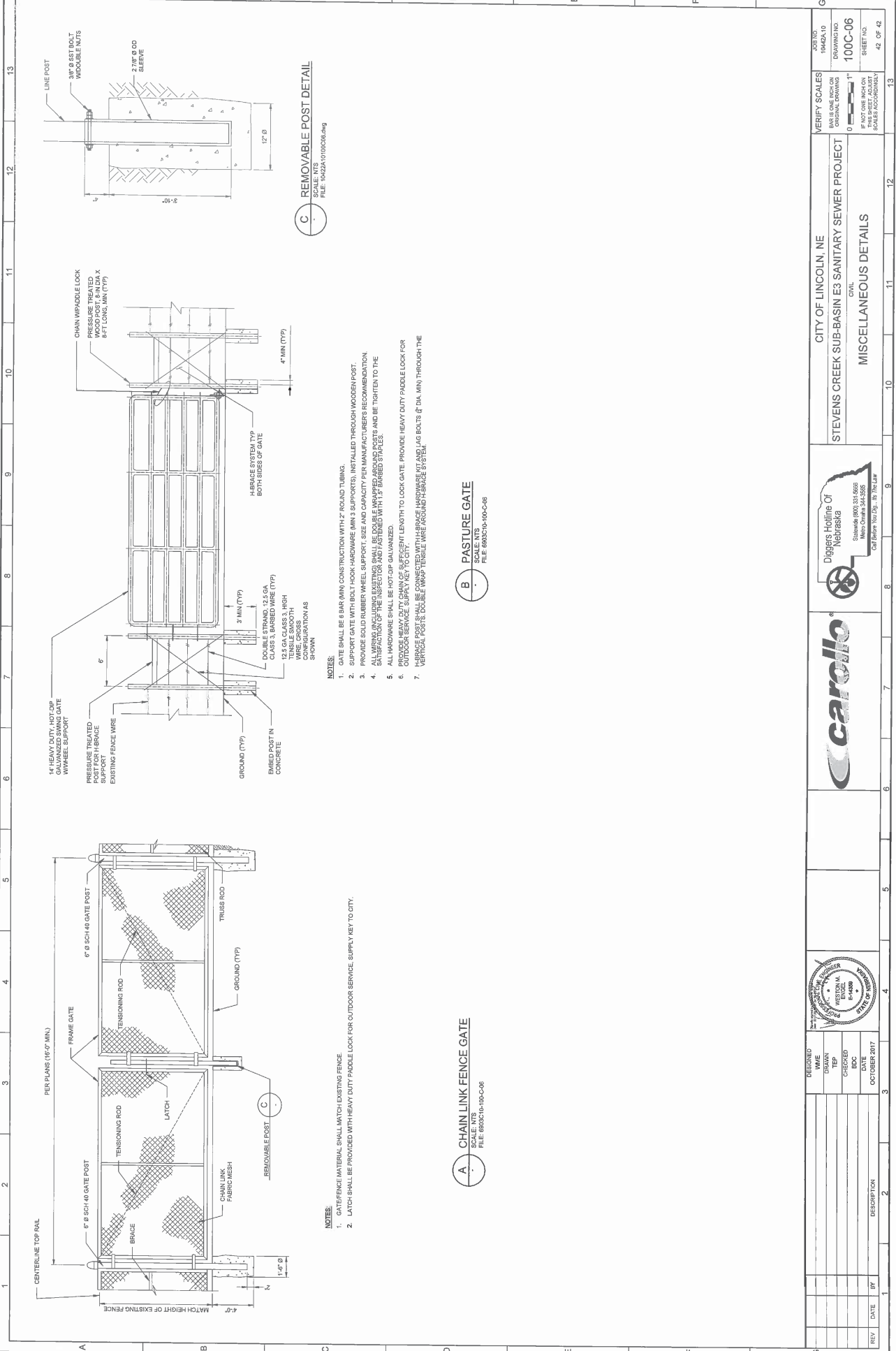
PROJECT NO.	10422A.10
DRAWING NO.	100C05
SHEET NO.	41 OF 42

CITY OF LINCOLN, NE
 STEVENS CREEK PHASE V SANITARY SEWER PROJECT
 CIVIL
 MISCELLANEOUS DETAILS

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DESIGNED	DATE	10/20/17
DRAWN	DATE	
CHECKED	DATE	
DATE	DATE	OCTOBER 2017
DESCRIPTION		

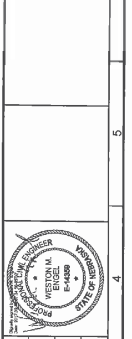
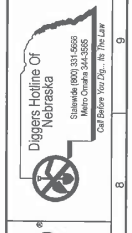


REV	DATE	BY	DESCRIPTION

DESIGNED	DATE	10/20/17
WME		
DRAWN		
CHECKED		
BBC		
DATE		

DESIGNED BY: TPK95
PROJECT NO.: 1042A10
FILE NAME: 1042A10100C06.dwg

CITY OF LINCOLN, NE
STEVENS CREEK SUB-BASIN E3 SANITARY SEWER PROJECT
CIVIL
MISCELLANEOUS DETAILS



VERIFY SCALES	0	1"
BAR ONE INCH ON CONTRACT DRAWING		
IF NOT ONE INCH ON SCALES ACCORDINGLY		
PROJECT NO.	1042A.10	
DRAWING NO.	100C-06	
SHEET NO.	42 OF 42	