



Working Together for a  
Better Tomorrow. Today.

## **BID SPECIFICATION PACKAGE**

**for**

## **CLASS II CHIMNEY INSPECTION PLATTE GENERATING STATION**

### **C 130751**

#### **Bid Opening Date/Time**

Thursday, September 9, 2021 at 2:00 p.m. (local time)  
City of Grand Island, City Hall  
100 East 1<sup>st</sup> Street, P.O. Box 1968  
Grand Island, NE 68802-1968

#### **Contact Information**

**Tylor Robinson**  
City of Grand Island – Utilities Department  
Platte Generating Station  
308/385-5496

Date issued: August 25, 2021

**ADVERTISEMENT TO BIDDERS  
FOR  
CLASS II CHIMNEY INSPECTION  
FOR  
CITY OF GRAND ISLAND, NEBRASKA**

Sealed bids for Class II Chimney Inspection will be received at the office of the City Clerk, 100 E. First Street, P.O. Box 1968, Grand Island, Nebraska 68802, until **Thursday, September 9, 2021 at 2:00 p.m. local time**, FOB the City of Grand Island, freight prepaid. Bids will be publicly opened at this time in the Grand Island City Hall City Clerk's Office located on 1<sup>st</sup> floor of City Hall. **Submit an original and three copies if submitting by mail.** Bid package and any Addendas are also available on-line at [www.grand-island.com](http://www.grand-island.com) under Business-Bids and Request for Proposals-Bid Calendar under the bid opening date. Bidding documents, plans and specifications for use in preparing bids may be downloaded from the QuestCDN website [www.QuestCDN.com](http://www.QuestCDN.com) for a fee. Submitting through QuestCDN requires one original document of the bid to be uploaded. **Bids received after the specified time will not be considered.**

The successful bidder will be required to comply with fair labor standards as required by Nebraska R.R.S.73-102 and comply with Nebraska R.R.S. 48-657 pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska. Successful bidder shall maintain a drug free workplace policy. Every public contractor and his, her or its subcontractors who are awarded a contract by the City for the physical performance of services within the State of Nebraska shall register with and use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

Each bidder shall submit with the bid a certified check, a cashiers check, or bid bond payable to the City of Grand Island in an amount no less than five percent (5%) of the bid price which shall guarantee good faith on the part of the bidder and the entering into a contract within fifteen (15) days at the bid price if accepted by the City. **Your certified check, cashiers check or bid bond must be submitted in a separate envelope attached to the outside of the envelope containing the bid. Each envelope must be clearly marked indicating its contents. Failure to submit the necessary qualifying information and correct number of copies in clearly marked and separate envelopes will result in your bid not being opened or considered.** Only surety companies authorized to do business in the State of Nebraska may issue bid bonds.

Bids will be evaluated by the Purchaser based on price, schedule, quality, adherence to schedule, plan and specifications, economy and efficiency of operation, experience and reputation of the bidder, ability, capacity, and skill of the bidder to perform contract required and adaptability of the particular items to the specific use intended.

The Purchaser reserves the right to reject any or all bids, to waive irregularities therein, and to accept whichever bid that may be in the best interest of the City, at its sole discretion.

No bidder may withdraw his/her bid for a period of thirty (30) days after date of bid opening.

RaNae Edwards, City Clerk

**Advertised**

(All bids must be submitted on this form)

**CLASS II CHIMNEY INSPECTION**  
**PLATTE GENERATING STATION**  
**BID DATA FORM**

CITY OF GRAND ISLAND  
GRAND ISLAND, NE

The undersigned Bidder, having examined all specifications and other bidding documents, and all addenda thereto, and being acquainted with and fully understanding all conditions relative to the specified materials and equipment, hereby proposes to replace the handrails on the top exterior platform at the 402' elevation, high pressure water wash the interior lining to remove all ash and debris buildup as needed, paint, remove unused radio equipment, and furnish services and materials to perform a Class II chimney inspection in accordance with all ASCE recommended guidelines and applicable standards, during the Platte Generating Station Fall 2021 Outage, FOB the City of Grand Island-Platte Generating Station, freight prepaid, at the following price:

<u>ITEM DESCRIPTION</u>	<u>EXTENDED COST</u>
Base Bid:	
Chimney Cleaning	\$ _____
Class II Chimney Inspection	\$ _____
Railing Replacement-Materials	\$ _____
Railing Replacement-Labor	\$ _____
Applicable Sales tax* (select tax option below)	\$ _____
<b>Total Base Bid</b>	<b>\$ _____</b>

**\* If bidder fails to include sales tax in their bid price or takes exception to including sales tax in their bid price, the City will add a 7.5% figure to the bid price for evaluation purposes; however, the City will only pay actual sales tax due.**

**Exceptions Noted** - Bidder acknowledges there are *Exceptions* and/or *Clarifications* noted to the above bid, and those exceptions are fully explained on a separate sheet, clearly marked, and included with the Bid.

\_\_\_\_\_  
Bidder Company Name Date

\_\_\_\_\_  
Company Address City State Zip

\_\_\_\_\_  
Print Name of Person Completing Bid Signature

Email: \_\_\_\_\_ Telephone No. \_\_\_\_\_

By checking this box, Bidder acknowledges the specified completion date of the project is **October 31, 2021**.

Bidder acknowledges there are no exceptions or clarifications to the *Owner's Contract Documents*, except those that are fully explained on a separate sheet, clearly marked and included with the Bid.

According to Nebraska Sales and Use Tax Requirements, Section 1-017, Contractors MUST check which option you have selected to file with the Nebraska Department of Revenue:

*Nebraska law provides a sales and use tax exemption on contractor labor charges for the construction, repair, or annexation of any structure used for the generation, transmission, or distribution of electricity. Separately stated contractor labor would be exempt, all materials are taxable according to the contractor's option.*

Option 1 (Section 1-017.05)\_\_\_\_\_ Option 2 (Section 1-017.06)\_\_\_\_\_ Option 3 (Section 1-017.07)\_\_\_\_\_

*If the Nebraska sales and use tax election is not filed or noted above, the contractor will be treated as a retailer under Option 1 for sales and use tax purposes.*

By checking this box, Bidder acknowledges that Addenda Number(s) \_\_\_\_\_ were received and considered in Bid preparation.

Note: If Bidder supplies individual unit pricing information as supplemental pricing to the base material and labor cost above, said individual pricing is proprietary information and should not be released under a public records request. The total base bid is not considered proprietary information and will be released pursuant to City Procurement Code.

\*\*\* End of Bid Data Form \*\*\*

**CHECKLIST FOR BID SUBMISSION**  
**FOR**  
**CLASS II CHIMNEY INSPECTION**  
**PLATTE GENERATING STATION**

**Bids must be received by the City Clerk before 2:00 p.m. on Thursday, September 9, 2021.**

The following items must be completed for your bid to be considered.

- Submittal of bid documents:
  - Option 1 – Mailing:** A signed original and three (3) copies of the bidding documents. Failure to submit the correct number of copies may result in your bid not being considered.
    - Note: Your certified check, cashiers check or bid bond should be clearly marked in a separate envelope attached to the signed original bid.
  - Option 2 – QuestCDN (online):** Become a Plan Holder and purchase the bid specification through QuestCDN at their \$30.00 fee. Upload the signed original of the Bid Data Form, along with any supporting material required to meet the bid specification through QuestCDN. Upload your bid bond online through QuestCDN. *Bidders using Certified check or Cashiers' Check must mail said check to be received by the office of the City Clerk no later than the scheduled bid opening date and time and clearly marked with the project name.*
- Bidders must complete and sign the Bid Data Form provided in these Documents. All blank spaces must be filled in. Bidders shall acknowledge receipt of any Addenda information on the Bid Data Form.
- Selection of Nebraska Sales Tax Option. If the Nebraska sales and use tax election is not filed or noted above, the Contractor will be treated as a retailer under Option 1 for sales and use tax purposes.
- Firm lump sum pricing; firm unit pricing in case adjustments are necessary, and breakout of sales tax pricing.
- A reference list of at least three (3) projects of similar scope and complexity, including a description, name and phone contact.
- Contractor shall provide a detailed schedule demonstrating completing work within allotted period.
- A summary of the experience of the Site Superintendent and Subcontractors proposed for this project.
- Exceptions to the specification or Owner's Contract Document must be provided with the bid and fully explained on a separate sheet.
- A Site Visit is required.
- Acknowledgment of Addenda Number(s) \_\_\_\_\_.

*Please check off each item as completed to ensure compliance. If you have any questions, please feel free to contact our office prior to the bid opening date/time.*

## INSTRUCTIONS TO BIDDERS

### 1. GENERAL INFORMATION.

The following instructions outline the procedure for preparing and submitting Bids. Bidders must fulfill all requirements as specified in these Documents.

### 2. TYPE OF BID.

Bidders shall be required to submit prices for all items listed in the Bid Data Form.

### 3. PREPARATION OF BIDS.

Bidders shall use only the Bid Data Form provided in these Documents. All blank spaces in the Bid Data Form must be filled in, preferably in BLACK ink, in both words and figures where required. No changes to the wording or content of the forms is permitted. Written amounts shall govern in case of discrepancy between the amounts stated in writing and the amounts stated in figures.

Prices stated shall be f.o.b. with freight and full insurance paid by Bidder, to the job site located in Grand Island, Nebraska.

The Bidder shall acknowledge receipt of all Addenda in the Bid Data Form. Bids received without acknowledgement or without the Addendum enclosed will be considered informal.

Individual unit pricing as listed on the Bid Data Form or supplied as supplemental information may be deemed proprietary information and not be released under a public records request. The total amount of the bid is not considered proprietary information and will be released pursuant to City Procurement Code.

### 4. SUBMISSION OF BIDS.

All Bids must be submitted intact with the correct number of copies no later than the time prescribed, at the place, and in the manner set forth in the ADVERTISEMENT FOR BIDS. Bids must be made on the Bid Data Form provided herein. Each Bid mailed must be submitted intact in a sealed envelope, so marked as to indicate its contents without being opened, and delivered in person or addressed and mailed in conformance with the instructions in the ADVERTISEMENT FOR BIDS.

### 5. BID SECURITY.

Bids must be accompanied by cash, a certified check, or cashier's check drawn on a bank which is insured by the Federal Deposit Insurance Corporation, or a bid bond issued by a Surety authorized to issue such bonds in the state where the Work is located, in the amount of 5 percent of the bid amount payable to OWNER. This bid security shall be given as a guarantee that the Bidder will not withdraw their Bid for a period of **thirty (30) days after** bid opening, and that if awarded the Contract, the successful Bidder will execute the attached Contract and furnish a properly executed Performance Bond and Payment Bond, each in the full amount of the Contract price, within the time specified.

The Attorney-in-Fact that executes this bond on behalf of the Surety must attach a notarized copy of his/her power of attorney as evidence of his/her authority to bind the Surety on the date of execution of the bond. Where State Statute requires, certification by a resident agent shall also be provided.

6. RETURN OF BID SECURITY.

Within fifteen (15) days after the award of the Contract, the OWNER will return the bid securities to all Bidders whose Bids are not to be further considered in awarding the Contract. All other retained bid securities will be held until the Contract has been finally executed, after which all bid securities, other than Bidders' bonds and guarantees which have been fortified, will be returned to the respective Bidders whose Bids they accompanied.

7. BASIS OF AWARD.

The award will be made by the OWNER on the basis of the Bid from the lowest responsive, responsible Bidder which, in the OWNER's sole and absolute judgment will best serve the interest of the OWNER. All Bids will be considered on the following basis:

Delivery time	Conformance with the terms of the Bid
Bid price	Documents
Cost of installation	
Suitability to project requirements	Responsibility and qualification of Bidder

The OWNER reserves the right to reject all Bids, or any Bid not in conformance with the intent of the Bid Documents, and to waive any informalities and irregularities in said Bids.

8. EXECUTION OF CONTRACT.

The successful Bidder shall, within fifteen (15) days after receiving notice of award, sign and deliver to the OWNER the Contract hereto attached together with the acceptable bonds as required in these Bid Documents. Within fifteen (15) days after receiving the signed Contract with acceptable bond(s) from the successful Bidder, the OWNER's authorized agent will sign the Contract. Signature by both parties constitutes execution of the Contract.

9. PERFORMANCE AND PAYMENT BONDS.

The successful Bidder shall file with the OWNER Performance and Payment Bonds in the full amount (100 percent) of the Contract price, as security for the faithful performance of the Contract and the payment of all persons supplying labor and materials for the Work under this Contract, and to cover all guarantees against defective workmanship or materials, or both, for a period of one (1) year after the date of final acceptance of the Work by the OWNER. The Surety furnishing these bonds shall have a record of service satisfactory to the OWNER, be authorized to do business in the State where the OWNER's project is located and shall be named on the current list of approved Surety Companies, acceptable on Federal bonds as published by the Audit Staff, Bureau of Accounts, U.S. Treasury Department.

The Attorney-in-Fact (Resident Agent) who executes these bonds on behalf of the Surety must attach a notarized copy of his/her power-of-attorney as evidence of his/her authority to bind the Surety on the date of execution of the bond.

10. TIME OF COMPLETION.

The time of completion of the Work to be performed under this Contract is the essence of the Contract. The time allowed for the completion of the Work is stated in the Bid Data Form.

11. GRATUITIES AND KICKBACKS.

City Code states that it is unethical for any person to offer, give, or agree to give any City employee or former City employee, or for any City employee or former City employee to solicit, demand, accept, or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, or preparation of any part of a program requirement or a purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling, determination, claim or controversy, or other particular matter, pertaining to any program requirement or a contract or subcontract, or to any solicitation or proposal therefor. It shall be unethical for any payment, gratuity, or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor or any person associated therewith, as an inducement for the award of a subcontract or order.

12. FISCAL YEAR.

The City of Grand Island, Nebraska operates on a fiscal year beginning October 1st and ending on the following September 30th. It is understood and agreed that any portion of this agreement which will be performed in a future fiscal year is contingent upon the City Council adopting budget statements and appropriations sufficient to fund such performance.



## CONTRACT AGREEMENT

THIS AGREEMENT made and entered into by and between **[SUCCESSFUL BIDDER]**, hereinafter called the Contractor, and the **CITY OF GRAND ISLAND, NEBRASKA**, hereinafter called the City.

WITNESSETH:

THAT, WHEREAS, in accordance with law, the City has caused contract documents to be prepared and an advertisement calling for bids to be published for *CLASS II CHIMNEY INSPECTION*; and

WHEREAS, the City, in the manner prescribed by law, has publicly opened, examined, and canvassed the bids submitted, and has determined the aforesaid Contractor to be the lowest responsive and responsible bidder, and has duly awarded to said Contractor a contract therefore, for the sum or sums named in the Contractor's bid, a copy thereof being attached to and made a part of this Contract;

NOW, THEREFORE, in consideration of the compensation to be paid to the Contractor and of the mutual agreements herein contained, the parties have agreed and hereby agree, the City for itself and its successors, and the Contractor for itself, himself/herself, or themselves, and its, his/her, or their successors, as follows:

ARTICLE I. That the following documents shall comprise the Contract, and shall together be referred to as the "Agreement" or the "Contract Documents";

1. This Contract Agreement.
2. City of Grand Island's Specification for this project.
3. **[NAME OF SUCCESSFUL BIDDER]** bid signed and dated **[DATE OF BID]**.

In the event of any conflict between the terms of the Contract Documents, the provisions of the document first listed shall prevail.

ARTICLE II. That the Contractor shall (a) furnish all tools, equipment, superintendence, transportation, and other construction materials, services and facilities; (b) furnish, as agent for the City, all materials, supplies and equipment specified and required to be incorporated in and form a permanent part of the completed work; (c) provide and perform all necessary labor; and (d) in a good substantial and workmanlike manner and in accordance with the requirements, stipulations, provisions, and conditions of the Contract documents as listed in the attached General Specifications, said documents forming the Contract and being as fully a part thereof as if repeated verbatim herein, perform, execute, construct and complete all work included in and covered by the City's official award of this Contract to the said Contractor, such award being based on the acceptance by the City of the Contractor's bid;

ARTICLE III. That the City shall pay to the Contractor for the performance of the work embraced in this Contract and the Contractor will accept as full compensation therefore the sum (subject to adjustment as provided by the Contract) of **[DOLLAR AMOUNT] (\$00.00)** for all services, materials, and work covered by and included in the Contract award and designated in the foregoing Article II; payments thereof to be made in cash or its equivalent in the manner provided in the General Specifications.

The total cost of the Contract includes:

Base Bid: Materials	\$ .00
Labor	\$ .00
Sales Tax on Materials	<u>\$ .00</u>
Total	\$ .00

Contractor Tax Option \_\_\_\_\_

The City of Grand Island, Nebraska operates on a fiscal year beginning October 1st and ending on the following September 30th. It is understood and agreed that any portion of this agreement which will be performed in a future fiscal year is contingent upon the City Council adopting budget statements and appropriations sufficient to fund such performance.

ARTICLE IV. The Contractor hereby agrees to act as agent for the City in purchasing materials and supplies for the City for this project. The City shall be obligated to the vendor of the materials and supplies for the purchase price, but the Contractor shall handle all payments hereunder on behalf of the City. The vendor shall make demand or claim for payment of the purchase price from the City by submitting an invoice to the Contractor. Title to all materials and supplies purchased hereunder shall vest in the City directly from the vendor. Regardless of the method of payment, title shall vest immediately in the City. The Contractor shall not acquire title to any materials and supplies incorporated into the project. All invoices shall bear the Contractor's name as agent for the City. This paragraph will apply only to these materials and supplies actually incorporated into and becoming a part of the finished product of the CLASS II CHIMNEY INSPECTION.

ARTICLE V. That the Contractor shall start work as soon as possible after the Contract is signed and the required bonds and insurance are approved, and that the Contractor shall deliver the equipment, tools, supplies, and materials F.O.B. Platte Generating Station, and complete the work on or before **October 31, 2021**.

ARTICLE VI. The Contractor agrees to comply with all applicable State fair labor standards in the execution of this Contract as required by Section 73-102, R.R.S. 1943. The Contractor further agrees to comply with the provisions of Section 48-657, R.R.S. 1943, pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska. During the performance of this Contract, the Contractor and all subcontractors agree not to discriminate in hiring or any other employment practice on the basis, of race, color, religion, sex, national origin, age or disability. The Contractor agrees to comply with all applicable Local, State and Federal rules and regulations. The Contractor agrees to maintain a drug-free workplace policy and will provide a copy of the policy to the City upon request. Every public contractor and his, her or its subcontractors who are awarded a contract by the City for the physical performance of services within the State of Nebraska shall register with and use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

ARTICLE VII. Gratuities and kickbacks: City Code states that it is unethical for any person to offer, give, or agree to give any City employee or former City employee, or for any City employee or former City employee to solicit, demand, accept, or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, or preparation of any part of a program requirement or a purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling, determination, claim or controversy, or other particular matter, pertaining to any

program requirement or a contract or subcontract, or to any solicitation or proposal therefor. It shall be unethical for any payment, gratuity, or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor or any person associated therewith, as an inducement for the award of a subcontract or order.

**[SUCCESSFUL BIDDER]**

By \_\_\_\_\_ Date \_\_\_\_\_

Title \_\_\_\_\_

**CITY OF GRAND ISLAND, NEBRASKA**

By \_\_\_\_\_ Date \_\_\_\_\_  
Mayor

Attest: \_\_\_\_\_  
City Clerk

The Contract is in due form according to law and hereby approved.

\_\_\_\_\_  
Attorney for the City

Date \_\_\_\_\_

DRAFT

**REQUEST FOR BIDS - GENERAL SPECIFICATIONS**

The Bid shall be in accordance with the following and with all attached BID DATA and DETAILED SPECIFICATIONS.

All prices are to be furnished and installed FOB, Grand Island, Nebraska. **All prices shall be firm, and shall include all sales and use taxes as lawfully assessed under laws and regulations of the State of Nebraska.** \* If bidder fails to include sales tax in their bid price or takes exception to including sales tax in their bid price, the City will add a 7.5% figure to the bid price for evaluation purposes; however, the City will only pay actual sales tax due.

Mailed bids shall include the following on the **outside** of the mailing envelope: **“Class II Chimney Inspection”**. All bids submitted by mail must include **an original and three copies** of the bid. The bid specification and on-line bidding forms are also available at <http://www.grand-island.com/business/bids-and-request-for-proposals/bid-calendar> under the bid opening date and “Click here for bid document link” through QuestCDN for a \$30.00 fee. If submitting through QuestCDN, **one** original document of the bid is required to be uploaded. No verbal bids will be considered. All sealed bids are due no later than Thursday, **September 9, 2021 at 2:00 p.m. local time.** to:

Mailing Address: City Clerk  
City Hall  
P. O. Box 1968  
Grand Island, NE 68802-1968

Street Address: City Clerk  
City Hall  
100 E. First Street  
Grand Island, NE 68801

Bids will be opened at this time in the City Hall City Clerk’s Office located on 1<sup>st</sup> floor of City Hall. Any bid received after the specified date will not be considered.

Bids will be evaluated by the Purchaser based on price, schedule, quality, adherence to schedule, plan and specifications, economy and efficiency of operation, experience and reputation of the bidder, ability, capacity, and skill of the bidder to perform contract required and adaptability of the particular items to the specific use intended.

The successful bidder will be required to comply with fair labor standards as required by Nebraska R.R.S.73-102 and comply with Nebraska R.R.S. 48-657 pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska. Contractor shall maintain a drug free workplace policy. Every public contractor and his, her or its subcontractors who are awarded a contract by the City for the physical performance of services within the State of Nebraska shall register with and use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

The equipment and materials must be new, the latest make or model, unless otherwise specified. Prior to approving the invoice for payment, the City reserves the right to thoroughly inspect and test the equipment to confirm compliance with specifications. Any equipment or material which does not meet the City's requirements will be returned at vendor's expense for correction. The invoice will be paid after approval at the next regularly scheduled City Council meeting and occurring after departmental approval of invoice; the City Council typically meets the second and fourth Tuesday of each month. Invoices must be received well in advance of Council date to allow evaluation and processing time.

Each bidder shall submit with the bid a certified check, a cashier's check, or bid bond payable to the City of Grand Island in an amount no less than five percent (5%) of the bid price which shall guarantee good faith on the part of the Bidder and the entering into a contract within fifteen (15) days at the bid price if accepted by the City. **Your certified check, cashier's check or bid bond must be submitted in a separate envelope attached to the outside of the envelope containing the bid.** Each envelope must be clearly marked indicating its contents. **Failure to submit the necessary qualifying information and correct number of copies in clearly marked and separate envelopes will result in your bid not being opened or considered.** Only surety companies authorized to do business in the State of Nebraska may issue bid bonds.

Successful bidder shall comply with the City's insurance requirements; performance and payment bonds are required for this project as outlined in the Detailed Specifications and Instructions to Bidders. All bids shall be valid for at least thirty (30) working days after the bid deadline for evaluation purposes.

**All bids must be on the bid form and must be signed and dated to be accepted.** If exceptions and/or clarifications are noted to the bid, those exceptions must be fully explained on a separate sheet, clearly marked, and included with the Bid. Any changes that are found made to the original bid specification, other than Owner generated Addendums, would result in your bid not being considered. Please contact Tylor Robinson at 308-385-5495, for questions concerning this specification.

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# CLASS II CHIMNEY INSPECTION

## Platte Generating Station

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### Grand Island Utilities Department-Detailed Specification

#### 1.0 PROJECT DESCRIPTION

The Grand Island Utilities Department at Platte Generating Station is requesting bids to perform chimney repairs and a Class II chimney inspection, in accordance with the following specifications.

#### 1.1 BACKGROUND

The chimney at Platte Generating Station is a 412' tall concrete shell with a full height, independent, acid proof brick liner. There are two full height ladders, one on the exterior and one in the airspace. It is equipped with three 360° external platforms at the 170', 285', and 402' elevations. Obstruction lighting, consisting of four strobes and beacon lights, are mounted at the 285' and 402' elevations. It has eight lightning protection points and two down-lead cables. There is a fiberglass rain hood at the top of the chimney column to cover the airspace opening. The chimney **is not** equipped with an elevator. The dimensions are as follows:

Height	412'
Outside Diameter, concrete shell top	22'-6"
Outside Diameter, concrete shell base	38'-11"
Inside Diameter, brick liner top	12'-0"
Inside Diameter, brick liner base	16'-1"
Breeching Inlet, north quadrant, 18' elevation	10' X 25'

\*Refer to Attachments D & E for Stack Drawings

The following repairs have been made to the chimney:

#### 2020:

Replace 160 clips on the rain hood heat trace and lay the heat trace cable back down.

Coat the top platform structural steel with a rust inhibiting coating.

Coat the top 50 feet of the exterior ladder with a rust inhibiting coating.

Replaced chimney brick liner upper access door.

#### 2019:

Full-height Class I inspection of the exterior of the concrete chimney utilizing binoculars or spotter scopes from the ground and any nearby vantage points such as nearby buildings, as well as, from a full height climb of the exterior ladder and platforms.

Full height Class I inspection of the interior of the concrete chimney and the exterior of the brick liner only as available from a full height climb of the interior ladder and platforms.



Examination of the stack systems structural, mechanical equipment, components, electrical, accessories and appurtenances.

**2017:**

High Pressure Water Washed the entire brick liner interior lining to remove all ash buildup. Once cleaned, a Class II inspection including a review of drawings, an examination of the brick liner exterior and interior, annular space, reinforced concrete stack column exterior and interior surface, examination of the stack systems structural, mechanical equipment, components, accessories and appurtenances.

**2015:**

Installed 40 heat trace loops to the rain hood to prevent icing.

**2013:**

High Pressure Water Washed the entire brick liner interior lining to remove all ash buildup. Once cleaned, a Class II inspection of the interior brick liner was performed.

Safety gates- Install new safety gates where the exterior ladder penetrates the each of the platforms at elevations 170', 286' and 402'. The New Gates shall comply with all OSHA requirements.

Saf-T-climb- Replace the top 50 feet of the exterior ladder safety system slide rail.

**2014:**

New environmental equipment was installed for the removal of acid gas and Mercury. Consequently, the stack liner is now exposed to less sulfur, HCl and Hg. Also, with the use of the new Carbon Injection system, Spray Dry Absorber and fabric filter the stack liner is exposed to lower temperatures, higher moisture and potentially small quantities of Lime that may pass through the system. Deposits on the liner walls used to consist primarily of fly ash, but with these system modifications we expect the liner deposits to consist mainly of lime ash.

**2012:**

Concrete construction Joints: 55 construction joints which were allowing moisture to penetrate into the annular space were sealed the entire perimeter of each joint with a material that allows for movement and remains sealed and closely matches the color of concrete exterior.

Access Doors: Replaced three exterior access doors, at elevations 170', 285', and 402', with new steel doors that met IBC 2009 wind loads, or High Velocity Hurricane Zone (HVHZ). Prepared and painted the three new doors and three existing doors.

**2007:**

Cold Joint: The top cold pour joint was cracked and was allowing moisture to penetrate into the cold pour joint, entering the annular space. This crack has been repaired.

Liner Access Doors: The metal and cast iron liner access doors were cleaned free of all rust and corrosion. Once cleaned, a heavy coat of high temperature, rust-inhibitive paint was applied to each door.

Top Exterior Column: The top exterior column top coating was high-pressure-washed to remove all dirt, paint scale, and non-bonding materials. Once cleaned, a coating was applied to seal out moisture penetration and prevent further erosion.

Interior Liner: High Pressure Water Washed the entire brick liner interior lining to remove all ash buildup. Once cleaned, a Class II inspection of the interior brick liner was performed.

Annular Space: Cold Joint: The top cold pour joint was cracked and allowed moisture to penetrate into the cold pour joint, entering the annular space. This crack was repaired.

## 1.2 LOCATION

The Platte Generating Station is located at 1035 W. Wildwood Drive, two (2) miles south of Grand Island, Nebraska. The plant entrance is located two (2) miles south of U.S. Highway 34 and 1 ½ miles east of U.S. Highway 281.

## 1.3 CONTACT

Question regarding this specification may be directed to:

Tylor Robinson  
Platte Generating Station  
1035 W. Wildwood Dr.  
Grand Island, NE 68801  
Ph. (308) 385-5495  
[trobenson@giud.com](mailto:trobenson@giud.com)

## 2.0 SCOPE

The Contractor shall furnish services and materials described herein to perform a Class II chimney inspection, in accordance with the following specifications and ASCE chimney and stack inspection guidelines.

The Contractor shall replace the handrails on the top exterior platform at the 402' elevation as described in the specification herein. The Contractor shall provide all material, freight, equipment, lifting equipment, crane, scaffold, labor, personnel protective equipment, tools, consumables, waste disposal, and supervision to fully perform the specified work without the assistance of City personnel.

### 2.1 CHIMNEY CLEANING

The Contractor shall high pressure water wash the interior lining to remove all ash and debris buildup as needed to ensure proper operation and safety. The interior liner shall be cleaned satisfactory to the contractor to complete a full Class II chimney inspection. The City will be responsible for wastewater removal from the base of the chimney.

If the Contractor proposes alternative Stack Liner cleaning methods for consideration by the Owner other than as generally described herein for any portion of the work, full and complete descriptions must be included with the bid with separate pricing for the optional utilization of such proposed methods. References where the system has successfully been used must be included.

### 2.2 CLASS II CHIMNEY INSPECTION

Once cleaned, the Contractor shall perform a full-height Class II inspection of the interior brick liner to assess the integrity of the Chimney, provide recommendations for repairs, document the conditions, and provide a written inspection report. The Class II inspection shall be performed in accordance with all ASCE recommended guidelines and applicable standards.

The Class II inspection shall include, but not be limited to, a review of drawings, an examination of the brick liner exterior and interior, annular space, reinforced concrete stack column exterior and interior surface, examination of the stack systems structural, mechanical equipment, components, accessories and appurtenances. Full photographic documentation of the examination and all anomalies shall be provided. All photographs shall be referenced by elevation, orientation and description.

The Class II inspection results shall be evaluated as to the significance of any and all degradation, deterioration, malfunction or damage to the Stack proper or associated equipment, systems, appurtenances or accessories as well as the structural and mechanical integrity.

A full detailed written report shall be submitted including all photographs, inspection results, evaluation results and recommendations for repairs categorized as to the importance and timing of future implementation of recommended repairs to maintain the integrity of the Chimney. The report shall be provided in both a hard copy and electronic formats.

The bidder shall provide as an attachment to the bid proposal, any recommendations and pricing related to removing samples of materials for physical and chemical analysis, other nondestructive testing or scope of work required to complete a full Class II inspection.

### **2.3 HANDRAILS**

The Contractor shall furnish and erect a 360° replacement handrail at the 402' external platform. Handrails and posts shall be made of 1-½", standard weight black iron pipe.

Handrails shall extend not less than 4'-0" above the walkway. Handrails shall have two intermediate horizontal rails between the top rail and the platform.

All railings and posts shall be of the exposed welded type. Pipe posts shall be welded to the top rail, the rail being continuous. The intermediate rails shall be welded to the posts, the posts being continuous.

Railing and posts shall be fabricated in the shop to be identical replacements to the existing rail sections. The Contractor shall verify all measurements of the existing railing before fabrication. Handrails shall be set plumb and level. Railing shall be relieved of all tension. All joints in handrail shall be welded. Field railing splices where required shall in all cases be located near a pipe post or support.

After shop or field welding is complete, all weld metal shall be neatly ground-off so the railing and post intersection present a smooth continuous appearance. All corners shall be rounded.

Welding shall be done by skilled welders with the proper type of welding apparatus best adapted to the work at hand. Welding shall be done with heavily coated electrodes.

Platform kickplates are fabricated of ¼" steel plate extending 4" above the platform. The Contractor shall verify the integrity of the existing kickplates and support structure connections. The Contractor shall make repairs to the kickplates where necessary to maintain handrail integrity.

Platform railings and kick plates shall be field connected using mechanical fasteners. The contractor shall replace all hardware connecting the railings together and connecting the railing to the kickplate.

### **2.3.1 PAINTING**

The Contractor shall coat all steel surfaces except those that are galvanized or stainless steel. All steel surfaces shall receive three coats of Amercoat #33 vinyl paint or approved equal. Applications shall result in a minimum dry film thickness of 4.5 mils.

Surfaces shall be dry when painted, and in any case free from all dirt, dust, sand, mud, oil, grease, rust, loose mill, scale, or other objectionable substances. All rust and mill scale on steel work shall be removed with steel brushes and sandpaper, or by sand blasting. All grease or oil shall be removed with a solvent and sandpaper. Where patching or spot coating is required on surfaces previously painted, the surfaces to be painted shall be cleaned with wire brushes and rubbed smooth with sandpaper, feathering and/or scraping the edges of the old paint in such a manner that the patch will not be visible when painting is complete. Unpainted surfaces shall receive a primer coat of the paint specified for finish coat. All surfaces to be painted shall be free from cracks, holes, or other defects which will prevent obtaining a smooth, unbroken paint film.

All paint shall be applied with a brush or spray, in accordance with manufacturer recommendations. No paint shall be applied during wet, damp, or foggy weather, nor shall paint be applied when conditions are such that windblown dust, dirt, or debris will collect on and adhere to the freshly applied paint. All surfaces shall be of the proper temperature when painted. No paint shall be applied in an air temperature at or below 50°F. No paint shall be applied when the metal temperature and atmospheric conditions are such that condensation is formed on the surface of the metal.

Bolts, nuts and other connecting members shall be painted with one coat after erection. Any shop coats shall be retouched after erection where it has been damaged; this shall include all field welds. Galvanized materials, stainless steel and Corten materials shall not be painted.

### **2.3.2 REMOVE UNUSED RADIO EQUIPMENT**

The Contractor will be responsible for removing all unused radio equipment attached to the hand railing at the 402' elevation. The Contractor shall terminate all attached cabling and return all unused equipment to plant staff.

## **2.4 MATERIALS AND WORKMANSHIP**

All materials shall be new materials of high quality.

The Contractor shall, at all times, keep the premises free from unnecessary debris, dirt, condemned materials, blocking, scaffold, etc. as soon as possible after accumulation and after it has served its useful purpose. After the job is complete all floors, equipment, etc. shall be given a thorough cleaning prior to leaving the jobsite.

## **2.5 ACCEPTANCE OF WORK**

The Contractor shall correct any Work that fails to conform to the requirements of the specification herein where such failure to conform appears during the progress of the Work, and shall remedy any defects due to faulty materials, equipment or workmanship which appear within a period of one year from the Date of Final Settlement of the Contract or within such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents. The provisions of this Article apply to Work done by Subcontractors as well as to Work

done by direct employees of the Contractor and are in addition to any other remedies or warranties provided by law.

No act of the Owner or the Owner's Representative, either in superintending or directing the Work, or any extension of time for the completion of the Work, shall be regarded as an acceptance of such Work or any part thereof, or of materials used therein, either wholly or in part. Acceptance shall be evidenced only by the final certificate of the Owner. Before any final certificate shall issue, Contractor shall execute an affidavit on the certificate that it accepts the same in full payment and settlement of all claims on account of Work done and materials furnished under this Contract, and that all claims for materials provided or labor performed have been paid or set aside in full.

## 2.6 WARRANTY

Contractor agrees to guarantee all work under this Contract for a period of one (1) year from the date of Final Settlement by the Owner. If any unsatisfactory condition or damage develops within the time of this guaranty due to materials or workmanship that are defective, inferior, or not in accordance with the Contract, as reasonably determined by the Owner, then the Contractor shall, when notified by the Owner, immediately place such guaranteed Work in a condition satisfactory to the Owner.

## 3.0 BIDDING

The City of Grand Island Utilities Department is accepting bids for a Class II Chimney Inspection and Repairs to the 412' chimney at Platte Generating Station. Bids shall be submitted and received in accordance with the City of Grand Island Chapter 27 procurement code.

### 3.1 SUBMITTALS

The Contractor shall submit a lump sum price for all repairs described within this specification. Bids shall include, but not be limited to all expenses, equipment, labor, mobilization and demobilization, and subcontractors.

#### 3.1.1 CHIMNEY CLEANING

The bid shall include a lump sum cost to clean the chimney as needed to complete a as described herein. The chimney wash shall be sufficient to complete a Class II chimney inspection.

#### 3.1.2 CLASS II CHIMNEY INSPECTION

The bid shall include a lump sum cost to perform a Class II chimney inspection in accordance with ASCE recommendations and any other applicable standards.

#### 3.1.3 RAILING REPLACEMENT

The bid shall include a lump sum cost to replace the handrail at elevation 402' as described herein.

#### 3.1.4 RATES

The Bid shall include, as a separate T&M rate attachment, firm unit pricing for all labor, equipment, sundries **and expenses reflecting the charges to be used in billing the T&M portions of the work as well as for making any** adjustments that may be required for new work scope additions, additional services other than what is required in this specification or reductions in the same. All travel time and per diems shall be included in the hourly labor rates. The City of Grand Island will not be responsible for travel expenses to and from plant site. The City of Grand Island will not be responsible for any associated overnight expenses.

The Contractor shall submit a detailed bid transparent to the work schedule and manpower planned to complete the work. The Contractor shall detail any facilities the Contractor may request to be provided by the Purchaser.

Bids will be evaluated by the Owner based on price, schedule, quality, material quantity and quality, economy of operation, facilities provided by the purchaser, experience of contractor, and adherence to specification. The primary evaluation factor will be the lump sum price. The owner reserves the right to reject any or all bids or waive informalities and to accept whichever bid that may be in the best interest of owner, at its sole discretion. **Bids must be received by 2:00 P.M. Thursday, September 9th, 2021.**

Bidder is solely responsible for obtaining any clarifications to this specification as may be required for the Bidder to submit an accurate and complete bid proposal.

## 3.2 SITE VISIT

A site visit prior to proposal submittal is **REQUIRED**. All contractors will be required to visit the plant site to ensure familiarity with the project requirements. Site visits may be arranged via the contact information listed herein. A site visit form shall accompany the bid documents.

## 3.3 SCHEDULE

The Contractor shall provide with the proposal a detailed schedule reflecting all key activities with sufficient information to demonstrate the means of completing the work in the allotted period.

### 3.3.1 COORDINATION

The Contractor shall be responsible for coordination of this work with all crafts, subcontractors, manufacturer's representatives, and Owner's representative.

### 3.3.2 TIME OF COMPLETION

The Contractors schedule shall be coordinated to insure completion in a 14-day outage. Outage is currently scheduled to begin October 5<sup>th</sup>, 2021, but the outage start date may vary based on the stations market commitments.

## 3.4 CHANGE ORDERS

If any extra and/or additional work is to be done or any change in the plans and specifications is deemed necessary, the Purchaser may issue the Contractor a written change order directing that such extra work be done or that such change be made, and the Contract shall be modified accordingly. No claim for extra costs shall be allowed in the absence of a written change order. The Contractor shall give prompt written notice of any matter which they believe to involve extra cost. In the absence of such notice by the Contractor on account thereof his right to such claim shall be deemed to have been waived. Compensation to the Contractor will be calculated as an addition to or deduction from the Contract Price, based upon such written terms as may be established between the parties, either (a) by an acceptable lump sum proposal of the Contractor, or (b) on a cost-plus limited basis not to exceed a specified limit, or (c) on a basis of the unit prices as stated in these specifications where such unit prices apply. In the event that none of the foregoing methods are agreed upon with the Contractor, the Purchaser may perform the work. The Purchaser shall be the sole judge of such action and procedure. Determination of cost-plus work shall be based upon actual cost of labor and material plus a maximum of 20% of actual Contractor cost for overhead, profit,

The Contractor shall submit a formal process for addressing work that may arise but is not described herein. All change orders shall be addressed with a detailed scope of work and approved before proceeding with scope of extra work.

Contractor shall be required to maintain accurate job logs describing work performed by each crew throughout each day and daily time sheets detailing all work performed and expenses incurred **in the same format as the bid detail submittal**. Daily time sheets shall identify all individuals by name, craft and all hours worked on each portion of the work. Such job logs and time sheets shall accurately account for all man-hours with clear separation and identification of Time, equipment and Material as required accounting for the actual service hours and expenses. A sample timesheet shall be included in the bid to be approved by the owner's designated representative.

### **3.5 TERMS AND CONDITIONS**

Provide any standard terms and conditions which will be in effect during this completion of this scope of work.

### **3.6 EXCEPTIONS**

The purpose of this specification is to give detail on conditions under which the new equipment will operate, scope of Contract, quality of equipment required, standards used in determining its acceptability and similar data. Each bidder shall carefully read all requirements herein set forth and shall offer equipment and services which fully comply with these requirements or shall plainly set forth all points, features, conditions, specifications, etc., wherein the equipment offered does not meet these specifications. Such exceptions as are made shall be listed by section and subsection number and shall be marked in ink in the sections of these specifications. Exceptions shall be explained in detail in a letter accompanying the bid. References shall not be made to the bidder's Proposal for exceptions and supplementary terms. Failure to outline such exceptions will require the successful bidder to comply with these specifications.

**The City of Grand Island Utilities Department is NOT tax exempt and is subject to 7.5% sales tax. See the Nebraska Department of Revenue web site at [www.revenue.state.ne.us](http://www.revenue.state.ne.us) for contractor's tax information.**

### **4.0 QUALIFICATIONS**

Bids will be received only from qualified bidders. A bidder will be considered qualified if they are a recognized firm specializing in the installation, maintenance, repair of large-scale utility Chimneys used in the electric power industry. The bidder shall have facilities with a maximum response time 24 hrs.

The Bidder shall be a firm with qualifications and manpower to complete the scope of work described herein without the help of plant personnel. Any insufficiencies in Contractor manpower, workmanship, or qualifications, without clear written exception, that require the Contractor to employ plant personnel to complete services described in this specification shall be billed to the Contractor at \$95 per man hour.

If the Contractor defaults or neglects to carry out the work in accordance with the contract documents or fails to perform any provisions of the work described herein the owner may, after seven (7) days written notice to the Contractor and without prejudice to any other remedy, make good the deficiencies by whatever method the Owner may deem necessary. The Purchaser may deduct the cost thereof from the payment, then or thereafter due to the Contractor or, at Owner's option, may terminate Contractor's work under the Contract and take possession of the site and all materials associated with the work scope. The Owner may then by whatever method the Owner may deem expedient remedy the deficiencies. If the unpaid balance of the Contract Sum exceeds the expense of finishing the work, such excess shall be paid to the Contractor. If

expenses associated with fulfilling the specified scope of work exceeds such unpaid balance the Contractor shall pay the difference to the Owner. These rights and remedies are in addition to any right to damages or other rights and remedies allowed by law.

The Contractor shall substantiate its experience through the submittal of three (3) similar projects' **reference list with the bid**. The Contractor will be expected to perform the work without the assistance of Platte Generating Station personnel or tools and comply with plant safety regulations and equipment lockout/tag out procedures.

Failure to provide this information may, at the option of the purchaser, result in the rejection of the bid.

#### **4.1 SUPERINTENDENT**

The Contractor shall provide well qualified supervisor(s) who will fully direct all field operations for the duration of the project, serve as liaison to the Owner's designated representatives, be fully authorized to make any and all decisions affecting the work in the field and coordinate activities between the Contractor and its subcontractors, if any.

#### **5.0 SAFETY**

The Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in conjunction with the work. The Contractor shall comply with all safety practices as required by the regulatory agencies governing the Contractor's operations as well as any and all safety requirements of the Contractor's organization and shall submit historical evidence of such compliance. All personnel working on site will be required to participate in the plant's safety orientation prior to performing any work on site at PGS.

The plant has an equipment lockout/tag out procedure to prevent the unauthorized starting of motors and the unauthorized movement of valves and dampers. The Contractor is required to use the procedure and add its own locks/tags on top of the plant lock/tags if required. *Removal of plant locks/tags is not allowed and is cause for removal from the plant site.*

#### **6.0 INSURANCE**

The contractor shall comply with the attached City's insurance requirements

#### **7.0 PERFORMANCE AND PAYMENT BOND**

The successful Bidder shall file with the OWNER Performance and Payment Bonds in the full amount (100 percent) of the Contract price, as security for the faithful performance of the Contract and the payment of all persons supplying labor and materials for the Work under this Contract, and to cover all guarantees against defective workmanship or materials, or both, for a period of one (1) year after the date of final acceptance of the Work by the OWNER. The Surety furnishing these bonds shall have a record of service satisfactory to the OWNER, be authorized to do business in the State where the OWNER's project is located and shall be named on the current list of approved Surety Companies, acceptable on Federal bonds as published by the Audit Staff, Bureau of Accounts, U.S. Treasury Department.

The Attorney-in-Fact (Resident Agent) who executes these bonds on behalf of the Surety must attach a notarized copy of his power-of-attorney as evidence of his authority to bind the Surety on the date of execution of the bond.



## 8.0 DRAWINGS AND SITE INFORMATION

A selection of drawings has been provided with the bid package for reference only. Additional drawings are available for review at Platte Generating Station office. The Contractor is responsible for making such pre-bid site visits as required to obtain additional details for bidding and execution of the work and for clarification of any questions or concerns the bidder may have related to the work scope and site conditions.

### ATTACHMENTS:

Picture	402' Elevation
CI-1-926-EI	LADDER ERECTION
CI-1-926-E2	INTERIOR LADDER DETAILS
CI-1-926-E3	EXT. LADDER
CI-1-926-C3	PLATFORM ORIENTATIONS
CI-1-926-A1	MAIN COLUMN (0'-0" TO 225'-0")
CI-1-926-A2	MAIN COLUMN (225'-0" TO 412'-0")

REQUEST FOR BIDS - SITE CONDITIONS

CLASS II CHIMNEY INSPECTION  
PLATTE GENERATING STATION

**Site Visit:** Bidders shall visit the site in order to inform themselves of the conditions under which the work is to be performed, concerning the site of the work, the nature of the existing facilities, the obstacles which may be encountered, the sequence of the work, and all other relevant matters concerning the work to be performed. No extra compensation shall be allowed by reason of the failure of such bidder to fully inform themselves of said site conditions prior to the bidding. The Contractor shall employ, so far as possible, such methods and means in the carrying out of their work as will not cause any interruption or interference with the City's operations and any other contractors.

A site visit may be arranged by contacting Tylor Robinson at (308) 385-5496.

Date of Visit: \_\_\_\_\_

Signature of person visiting site: \_\_\_\_\_

Signature of Utilities personnel witnessing visit: \_\_\_\_\_

**MINIMUM INSURANCE REQUIREMENTS**  
**CITY OF GRAND ISLAND, NEBRASKA**

The successful bidder shall obtain insurance from companies authorized to do business in Nebraska of such types and in such amounts as may be necessary to protect the Bidder and the interests of the City against hazards or risks of loss as hereinafter specified. This insurance shall cover all aspects of the Bidder's operations and completed operations. Failure to maintain adequate coverage shall not relieve Bidder of any contractual responsibility or obligation. Minimum insurance coverage shall be the amounts stated herein or the amounts required by applicable law, whichever are greater.

**1. WORKERS COMPENSATION AND EMPLOYER'S LIABILITY**

This insurance shall protect the Bidder against all claims under applicable State workers compensation laws. This insurance shall provide coverage in every state in which work for this project might be conducted. The liability limits shall not be less than the following:

Workers Compensation	Statutory Limits
Employers Liability	\$100,000 each accident
	\$100,000 each employee
	\$500,000 policy limit

**2. BUSINESS AUTOMOBILE LIABILITY**

This insurance shall be written in comprehensive form and shall protect the Bidder, Bidder's employees, or subcontractors from claims due to the ownership, maintenance, or use of a motor vehicle. The liability limits shall not be less than the following:

Bodily Injury & Property Damage	\$ 500,000 Combined Single Limit
---------------------------------	----------------------------------

**3. COMPREHENSIVE GENERAL LIABILITY**

The comprehensive general liability coverage shall contain no exclusion relative to explosion, collapse, or underground property. The liability limits shall not be less than the following:

Bodily Injury & Property Damage	\$ 500,000 each occurrence
	\$1,000,000 aggregate

**4. UMBRELLA LIABILITY INSURANCE**

This insurance shall protect the Bidder against claims in excess of the limits provided under employer's liability, comprehensive automobile liability, and commercial general liability policies. The umbrella policy shall follow the form of the primary insurance, including the application of the primary limits. The liability limits shall not be less than the following:

Bodily Injury & Property Damage	\$1,000,000 each occurrence
	\$1,000,000 general aggregate

## **5. ADDITIONAL REQUIREMENTS**

The City may require insurance covering a Bidder or subcontractor more or less than the standard requirements set forth herein depending upon the character and extent of the work to be performed by such Bidder or subcontractor.

Insurance as herein required shall be maintained in force until the City releases the Bidder of all obligations under the Contract.

The Bidder shall provide and carry any additional insurance as may be required by special provisions of these specifications.

## **6. CERTIFICATE OF INSURANCE**

Satisfactory certificates of insurance shall be filed with the City prior to starting any work on this Contract. **The certificates shall show the City as an additional insured on all coverage except Workers Compensation. The certificate shall state that thirty (30) days written notice shall be given to the City before any policy is cancelled (strike the "endeavor to" wording often shown on certificate forms). If the Bidder cannot have the "endeavor to" language stricken, the Bidder may elect to provide a new certificate of insurance every thirty (30) days during the contract. Bidder shall immediately notify the City if there is any reduction of coverage because of revised limits or claims paid which affect the aggregate of any policy.**

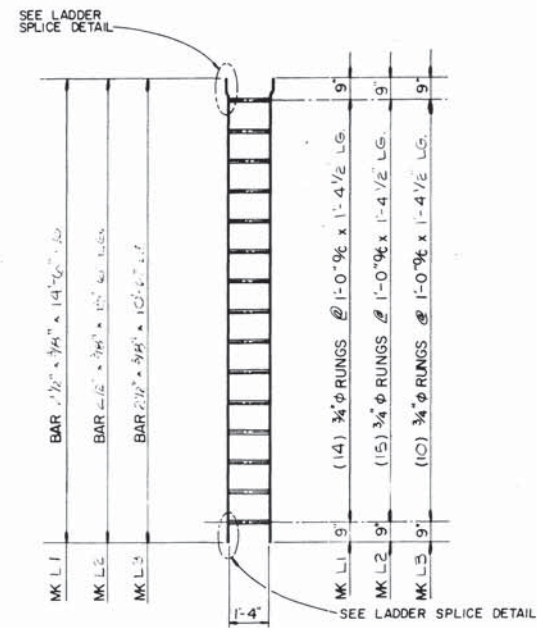






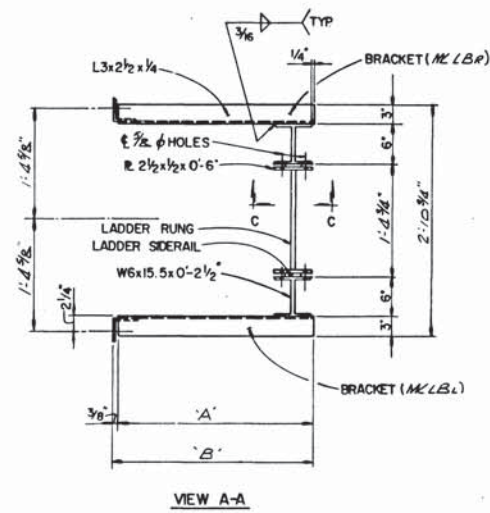




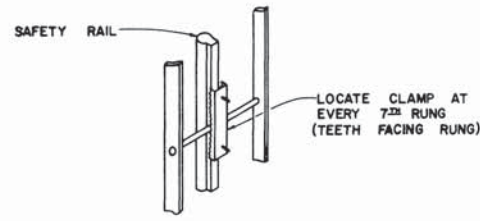


**LADDER SEGMENTS**

- (1) REQ'D. MK L1
- (25) REQ'D. MK L2
- (2) REQ'D. MK L3

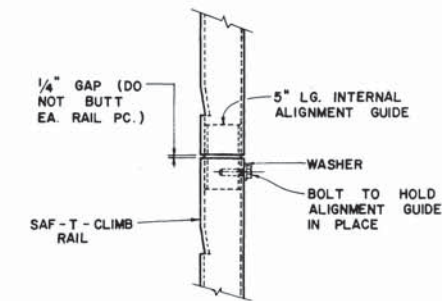


VIEW A-A

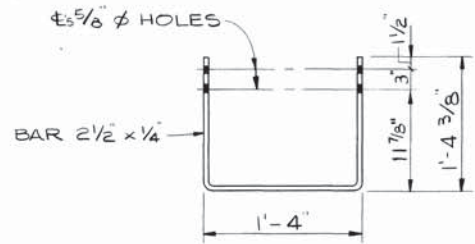


**SAFETY RAIL MOUNTING DETAIL**

- SAFETY DEVICE MFG: AIR SPACE DEVICES INC. OF PARAMOUNT, CALIF. OR EQUAL.
- MATERIAL: A-36 MILD STEEL
- FINISH: HOT DIPPED GALV. ASTM A-123
- SAFETY DEVICE TO INCLUDE (2) SETS OF SLEEVES AND BELTS AND ALL NECESSARY HARDWARE.

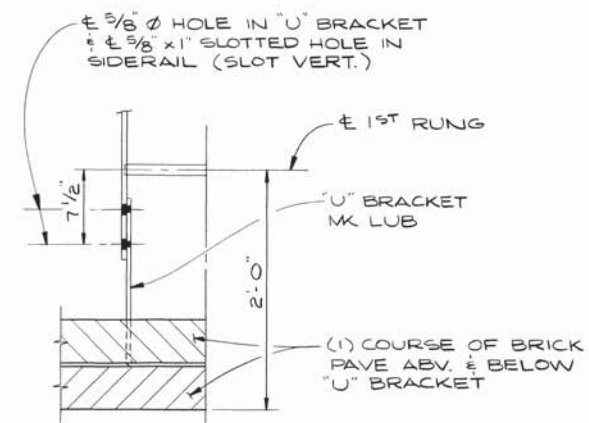


**SAF-T-CLIMB RAIL EXPANSION DETAIL**

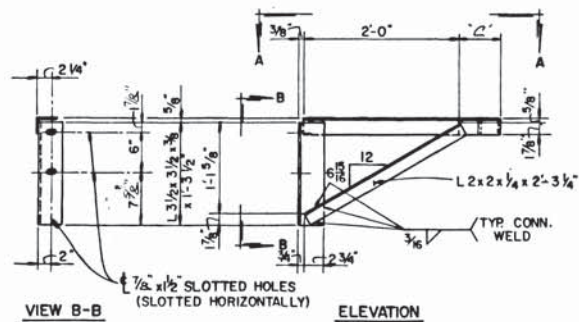


**MK LUB**

- (1) REQ'D.



**DETAIL A**

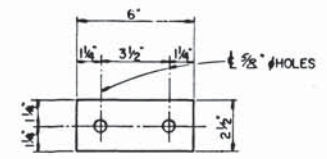


**INTERIOR LADDER BRACKET MK LB**

- SEE TABLE A BELOW

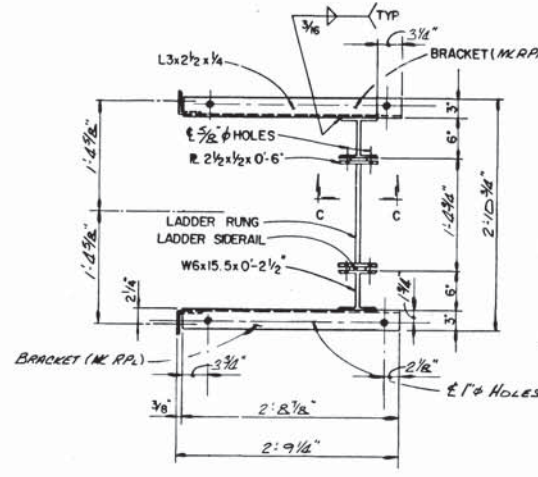
**TABLE A**

MK NO.	'A'	'B'	'C'	NO. REQ'D.
LB1	2'-5 1/8"	2'-6 1/4"	5 7/8"	(49) A.S. (49) O.H.
LB2	2'-7 5/8"	2'-8 1/4"	7 5/8"	(2) A.S. (2) O.H.
LB3	2'-9 1/8"	2'-9 1/4"	9 1/8"	(1) A.S. (1) O.H.

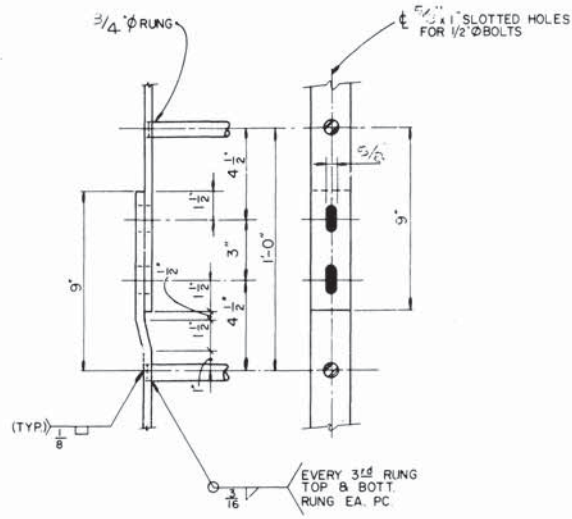


**VIEW C-C**

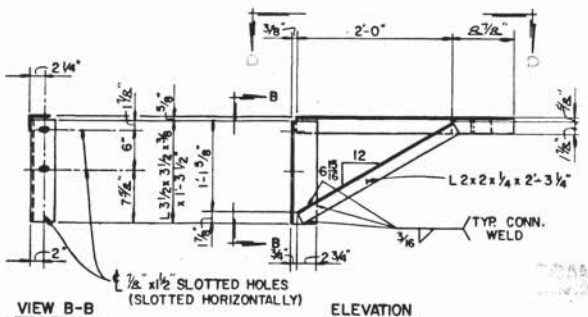
- (1) HEAD EACH BOLT
- WIRE TO BOLT BEFORE SHIPPING



**VIEW D-D**



**LADDER SPLICE**



**INTERIOR LADDER BRACKET MK RP**

- (3) REQ'D. - A.S.
- (3) REQ'D. - O.H.

LUTZ, DAILY & BRAIN  
Professional Engineers  
499  
me4

GRAND ISLAND 77-8

BOLT COUNT						
QTY.	DIA.	TYPE	LGTH	LOCATION	MISC.	MTL.
220	3/4"	HEX HEAD	2"	BRACKETS TO COLUMN WALL	W/WASHER	304 SST.
112	1/2"	"	1 1/2"	LADDER SPLICES & MK LUB & LLB TO LAD.	W/ NUTS & WASHERS	A-307 GALV.
220	1/2"	"	2"	LADDER TO BRACKETS	"	"

**NOTES**

- MATERIAL: A.S.T.M. A-36 MILD STEEL
- WELDING: A.W.S. D1-1-75
- FINISH: HOT DIPPED GALV. IN ACCORDANCE W/A.S.T.M. A-123 & A-385. ALL OPEN HOLES MUST BE CLEANED & ALL TAPPED HOLES MUST BE CHASED BEFORE SHIPPING.
- HANDLING: PERMANENTLY IDENTIFY EACH PIECE W/WELDMENT FOR FIELD ERECTION & SHIP UNASSEMBLED.

**NOTES**

- FABRICATION: AISC SPECIFICATION FOR THE DESIGN, FABRICATION, & ERECTION OF STRUCTURAL STEEL FOR BUILDINGS & "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS & BRIDGES".
- FASTENERS: A.S.T.M. A-307; GALVANIZED IN ACCORDANCE WITH A.S.T.M. A-153 & PROVIDED W/OVERSIZE NUTS (UNLESS NOTED OTHERWISE)

**NOTES**

DO NOT SCALE DRAWINGS—REPORT DISCREPANCIES TO DRAFTING DEPT.

NO.	REVISION	DATE	BY	CKD	NO.	REVISION	DATE	BY	CKD
0	SUBMITTED FOR APPROVAL	1/14/79							
1	REVISED TO ADD NOTES	2/6/79							
	ADDED FOR CONSTRUCTION	2/6/79							

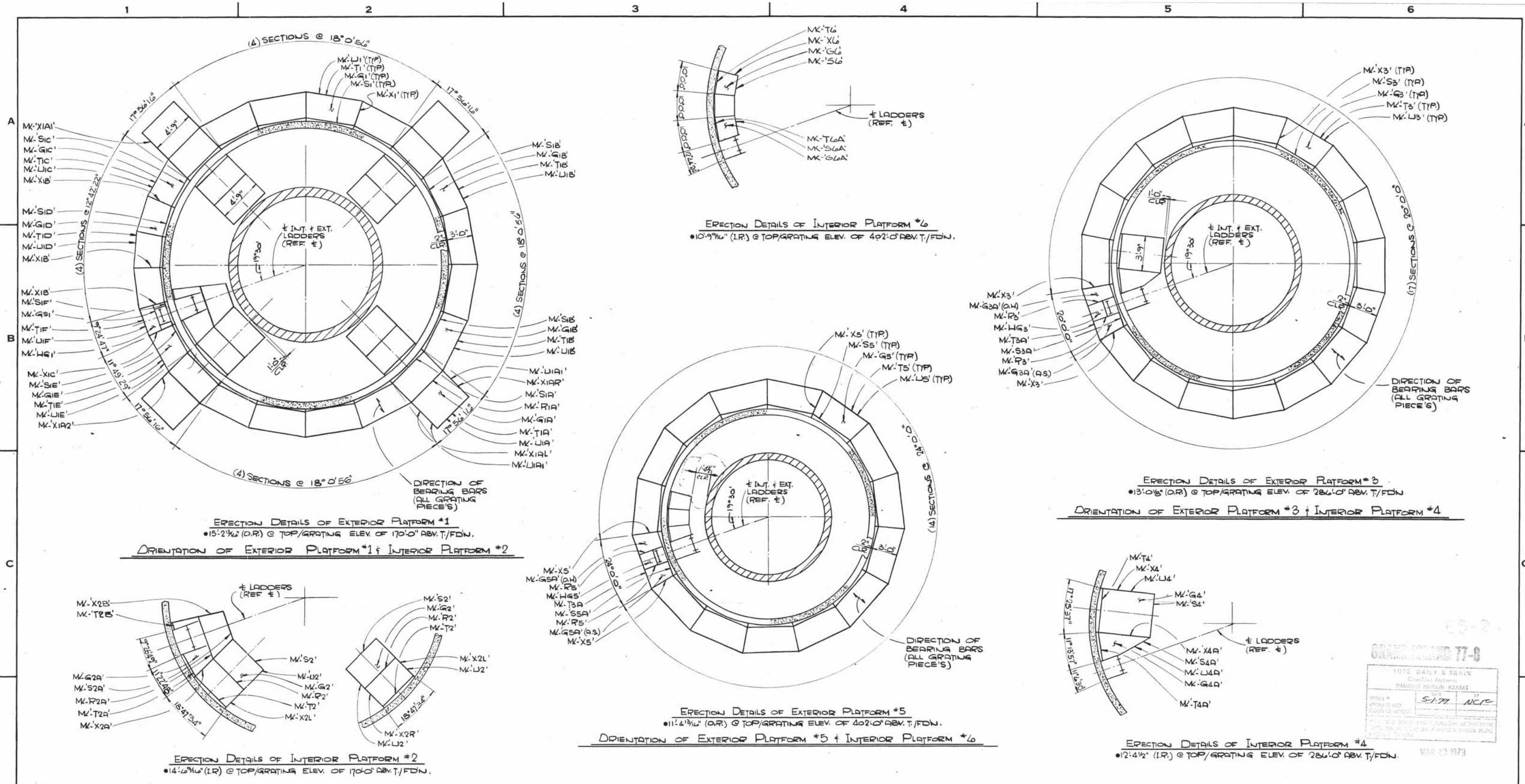
CITY OF GRAND ISLAND  
LOCATION PLATTE GENERATING STATION  
GRAND ISLAND, NEBRASKA  
ENGINEER LUTZ, DAILY, & BRAIN  
CONTR.

**Custodis**  
CONSTRUCTION COMPANY  
CHICAGO, ILL. A DIVISION OF  
Research-Cottrell Inc.  
INTERIOR LADDER DETAILS  
FILE NO. 2-19482  
CI-1-926-E2  
REVISION 1









NOTES
• SEE SH. 'C1' FOR OTHER NOTES.
• FOR FABRICATION DETAILS OF PLATFORMS SEE SH. 'F1' THRU 'F4'.
• OPENINGS ARE OMITTED ON THIS DRAWING FOR THE SAKE OF CLARITY.

NOTES	MARK	DESCRIPTION
	X	RATF. BRACKET
	T	LONG STRINGER ANGLE
	S	SHORT STRINGER ANGLE
	R	CENTER STRINGER ANGLE
	U	HANDRAIL
	G	GRATING

NOTES
DO NOT SCALE DRAWINGS—REPORT DISCREPANCIES TO DRAFTING DEPT.

NO.	REVISION	DATE	BY	CKD
0	SUBMITTED FOR APPROVAL	2/1/79		
1	ADDED CLR. @ RTF #6 APPROVED FOR CONSTRUCTION	3/14/79		

OWNER	CONTR.	ENGINEER	FILE NO.	REVISION
CITY OF GRAND ISLAND	LUTZ, DAILY & BRAIN		CI-1-926-C3	
LOCATION PLATTE GENERATING STATION GRAND ISLAND, NEBRASKA				
DATE 1/27/79	DATE 3/30/79	DATE 2/27/79	2-19482	

GRAND ISLAND 77-0

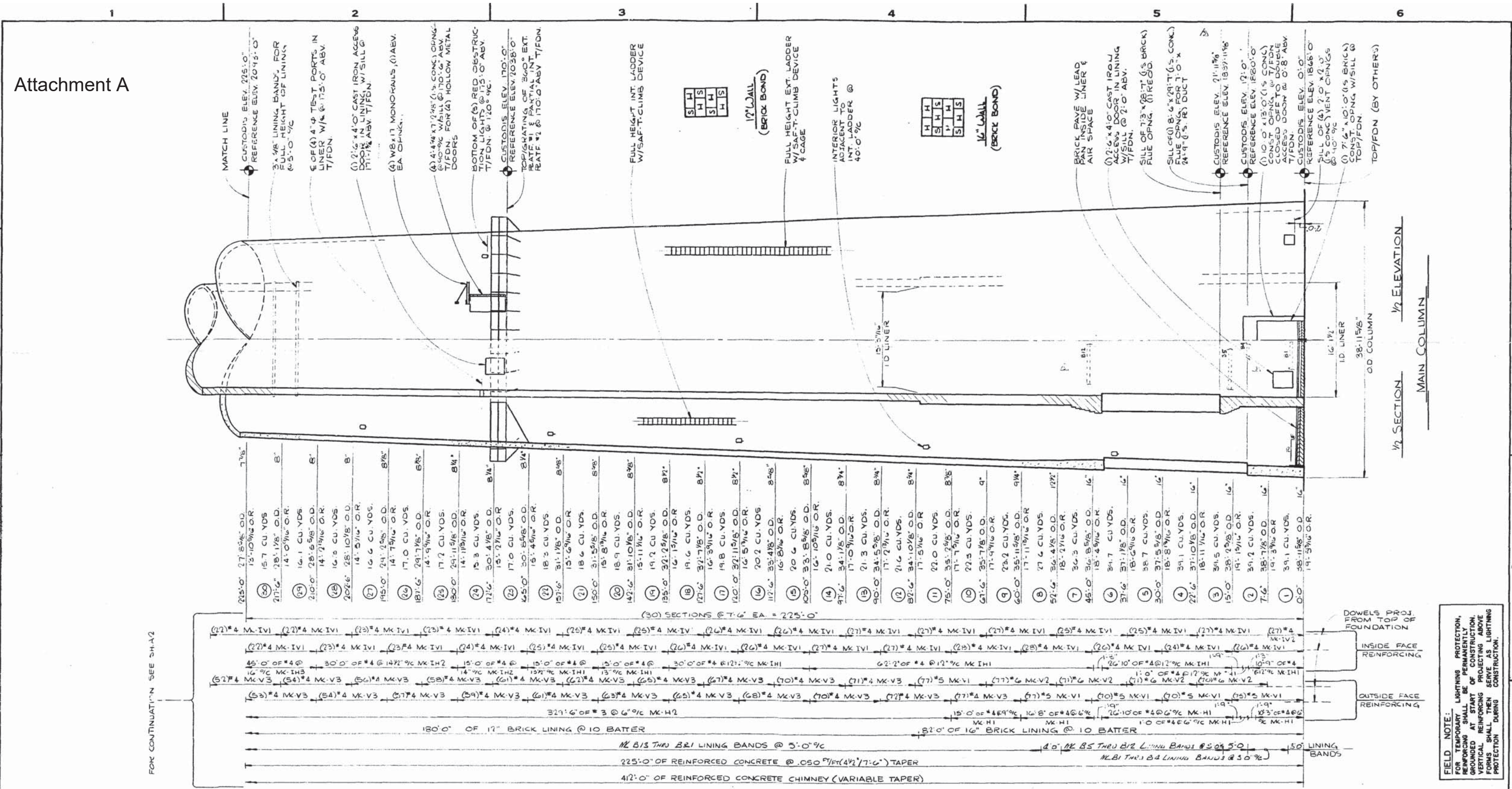
LUTE, DAILY & BRAIN  
 Consulting Engineers  
 STANFORD, MISSOURI, KANSAS

DATE 5-1-79 BY NCF

MAR 23 1979



Attachment A



NOTES	REFERENCE DRAWINGS	NOTES	LAP CHART	NO	REVISION	DATE	BY	CKD	NO	REVISION	DATE	BY	CKD	OWNER																					
<ul style="list-style-type: none"> <li>CONCRETE ENTIRE COLUMN REQUIRES 10527 CU.YDS. OF CONCRETE HAVING A COMPRESSIVE STRENGTH OF 4000 PSI @ 28 DAYS</li> <li>REINFORCING: ASTM A615 GRADE 60. NO MORE THAN 50% OF CIRCUMFERENTIAL STEEL SHALL BE LAP SPICED WITHIN ONE LAP LGTH. &amp; NO SPLICES SHALL BE PLACED ADJACENT TO EACH OTHER</li> <li>FOR ADD'L. NOTES SEE SH A2</li> </ul>	<ul style="list-style-type: none"> <li>MAIN COLUMN A1-A2 CAPS R</li> <li>OPENINGS B1-B2 FLUE DUCT Y-Y</li> <li>ORIENTATIONS C1-C4 ELECTRICAL Z</li> <li>MISC. FABRICATION D1-D5</li> <li>LADDER E1-E3</li> <li>PLATFORMS F1-F6</li> <li>LPS G</li> <li>BANDS &amp; BRACKETS H1-H6</li> <li>INSERTS I1-I6</li> </ul>	<ul style="list-style-type: none"> <li>DO NOT SCALE DRAWINGS—REPORT DISCREPANCIES TO DRAFTING DEPT</li> </ul>	<table border="1"> <tr> <th>SIZE</th> <th>* VERT.</th> <th>CIRC.</th> </tr> <tr> <td>3</td> <td>12"</td> <td>14"</td> </tr> <tr> <td>4</td> <td>15"</td> <td>18"</td> </tr> <tr> <td>5</td> <td>16"</td> <td>22"</td> </tr> <tr> <td>6</td> <td>19"</td> <td>27"</td> </tr> <tr> <td>7</td> <td>24"</td> <td>34"</td> </tr> <tr> <td>8</td> <td>32"</td> <td>44"</td> </tr> <tr> <td>9</td> <td>40"</td> <td>56"</td> </tr> <tr> <td>10</td> <td>51"</td> <td>71"</td> </tr> <tr> <td>11</td> <td>62"</td> <td>91"</td> </tr> </table>	SIZE	* VERT.	CIRC.	3	12"	14"	4	15"	18"	5	16"	22"	6	19"	27"	7	24"	34"	8	32"	44"	9	40"	56"	10	51"	71"	11	62"	91"	<ul style="list-style-type: none"> <li>0 SUBMITTED FOR APPROVAL 4/1/78</li> <li>1 REVISED AS NOTED APPROVED FOR CONSTRUCTION 2/6/79</li> <li>2 REVISED TOWER FACE PERIODICAL MAINTENANCE 3/12/79</li> <li>3 REVISED ELEVATIONS AS NOTED ADDED LINING BAND SPACING UPDATED DRAWING LIST 8/24/79</li> </ul>	<ul style="list-style-type: none"> <li>CITY OF GRAND ISLAND</li> <li>LOCATION PLATTE GENERATING STATION GRAND ISLAND, NEBRASKA</li> <li>ENGINEER CONTR. LUTZ, DAILY, &amp; BRAIN</li> <li>OWNER CITY OF GRAND ISLAND</li> <li>FILE NO CI-1-926-AI</li> <li>REVISION 3</li> </ul>
SIZE	* VERT.	CIRC.																																	
3	12"	14"																																	
4	15"	18"																																	
5	16"	22"																																	
6	19"	27"																																	
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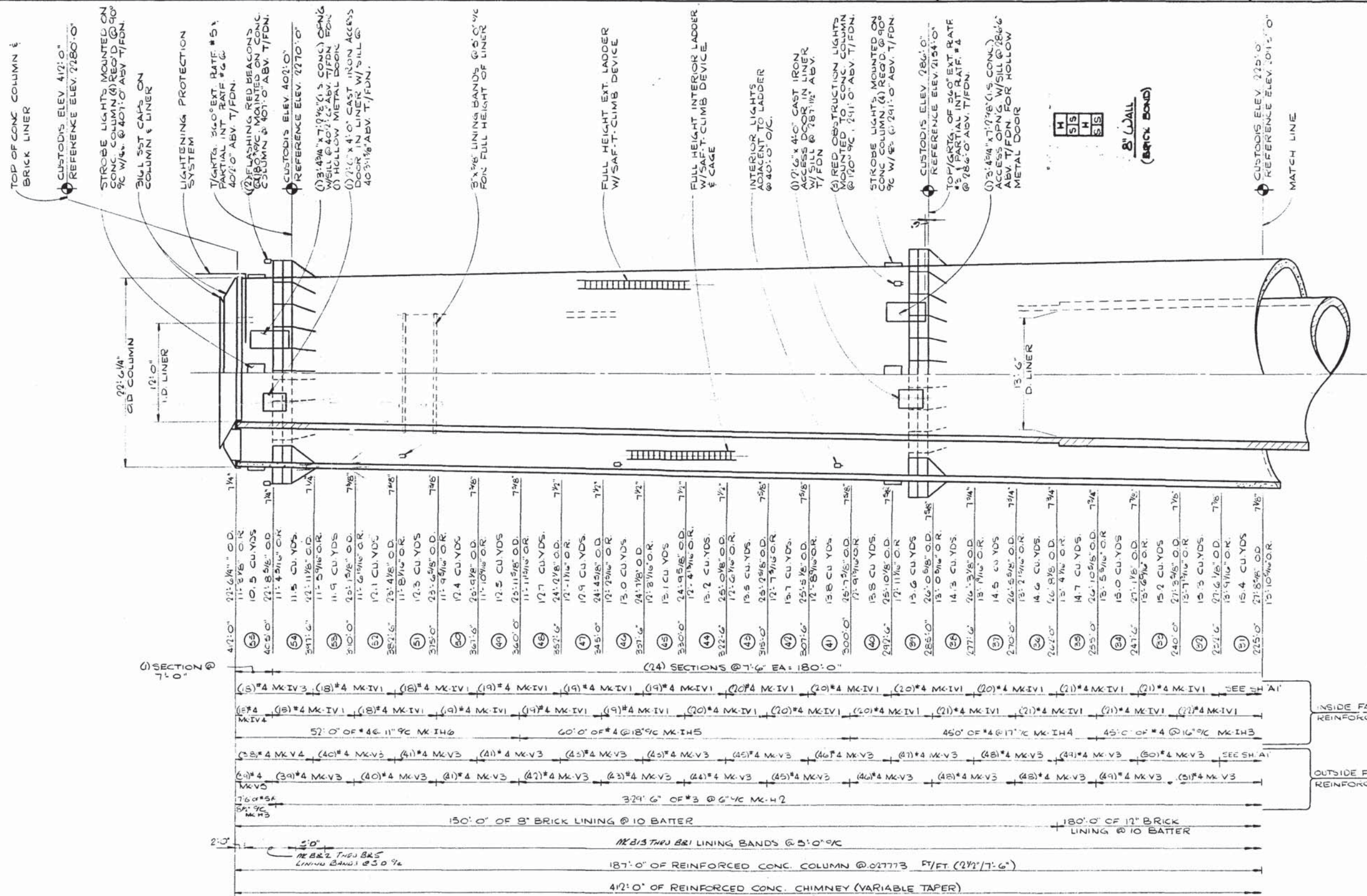
FIELD NOTE: LIGHTNING PROTECTION, FOR TEMPORARY LIGHTNING PROTECTION, REINFORCING SHALL BE PERMANENTLY GROUNDED AT START OF CONSTRUCTION. VERTICAL REINFORCING PROJECTING ABOVE FORMS SHALL THEN SERVE AS LIGHTNING PROTECTION DURING CONSTRUCTION.

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MAIN COLUMN (0'-0" to 225'-0")



Attachment B



**FIELD NOTE:**  
 FOR TEMPORARY LIGHTNING PROTECTION ALLOW (1) #4 MK-VG REINFORCING BARS TO PROJECT 2'-6" ABOVE FINISHED COLUMN AT 8'-0" (MAXIMUM).  
 CUT OFF ALL PROJECTING REINFORCING FLUSH WITH TOP OF WALL WHEN INSTALLING COLUMN CAP.

**NOTES**  
 • PAINT: TOP 10'-0" OF EXT SURFACE OF CONC COLUMN SHALL RECEIVE IN ORDER (1) COAT OF AMERCOAT #86 PRIMER CUT BY ONE HALF W/ AMERCOAT #9 THINNER, (1) COAT OF AMERCOAT #26 PRIMER UN CUT & (2) COATS OF BLACK AMERCOAT #32 VINYL PAINT.  
 • MORTAR: CORLOCK 'B' POTASSIUM SILICATE AS MFD. BY PENN WALT CORP

**NOTES**  
 • BRICK: HARD BURNED SOLID SHALE BRICK ASTM C219 TYPE H

**NOTES**  
 DO NOT SCALE DRAWINGS—REPORT DISCREPANCIES TO DRAFTING DEPT.

NO	REVISION	DATE	BY	CKD	NO	REVISION	DATE	BY	CKD	OWNER
0	SUBMITTED FOR APPROVAL	1/12/78								
1	REVISED AS NOTED & HARD. FOR CONSTRUCTION	2/17/78								
2	REVISED LINER FACE HORIZONTAL MARK NO. 2	5/1/79								
3	REVISED ELEVATIONS AS NOTED ADDED LINING BAND SPACING	8/24/79								
4	REVISED QUANTITY OF RED BEACONS @ ELEV. 407'-0"	11/12/79	ED							

CITY OF GRAND ISLAND	
LOCATION	PLATTE GENERATING STATION GRAND ISLAND, NEBRASKA
ENGINEER	
CONTR.	LUTZ, DAILY, & BRAIN
DWN B R	CKD
DATE: 1/15/78	DATE: 2/17/78
DATE: 5/1/79	DATE: 8/24/79
DATE: 11/12/79	DATE: 12-26-78
OWNER APPROVAL	FILE NO.
LUTZ, DAILY & BRAIN	2-19482

**Custodis**  
 CONSTRUCTION COMPANY  
 CHICAGO, ILL. — BOUND BROOK, N. J.  
 A DIVISION OF  
**Research - Cottrell Inc.**

MAIN CCLUMN (225'-0" to 412'-0")

CI 1-926-A2

REVISION 4

1/2 SECTION 1/2 ELEVATION  
 MAIN COLUMN