



## ADDENDUM NO. 1

Date: August 2, 2018

Project: State Training School  
Masonry Repairs  
DAS RFB #091835088  
DAS Projects 8914.00 / 8980.00

### GENERAL CLARIFICATIONS:

1. Sheet A1-25
  - a. The interior white paint of the Boilerhouse Building has tested positive for lead. The State of Iowa will remediate the affected areas prior to mobilization.

### QUESTIONS AND ANSWERS FROM THE PRE-BID MEETING:

- Q1. Are all exterior accessories like conduit, downspouts, and wood trim to receive ice blasting at the Laundry / Canteen Building?
- A1. No, paint to be removed from surface of brick masonry only. Downspouts will need to be removed and reinstalled to allow for dry ice blasting behind downspouts.
- Q2. Are Contractors allowed to work four (4) 10-hour days?
- A2. Yes, Contractors can work 7:00AM to 5:30PM. Friday's can be used for make-up days. Work will NOT be allowed on weekends at the Laundry / Canteen building. Work will be allowed on weekends at the Boilerhouse.
- Q3. Are other methods other than ice blasting allowed?
- A3. Yes, proposed alternate method(s) shall be submitted in accordance with Specification Section 00 2113 INSTRUCTIONS TO BIDDERS 3.012 SUBSTITUTIONS.
- Q4. How many wythe thick are the brick infills at the Laundry / Canteen Building and Boilerhouse Building?
- A4. 12" thick (three wythes) at Laundry / Canteen Building. 16" thick (four wythes) at Boilerhouse.
- Q5. Reference Keynote 16 on Sheet A1-24 - Can brick be tuckpointed up to the existing metal siding / trim at the Northeast corner of the Boilerhouse?
- A5. A portion of the existing metal siding/trim will need to be removed to provide masonry repair at building corner as indicated on details 1 and 3 on A1-24.
- Q6. Will Engineer of Record provide review of shoring at lean-to for tuck pointing above this roof?
- A6. No, Contractor shall provide Professional Engineer stamped shoring drawing at lean-to for project record.

**SPECIFICATIONS ITEMS:**

1. Specification Section 00 1113 NOTICE TO BIDDERS
  - a. In the 3<sup>rd</sup> paragraph STRIKE “Tuesday, August 7, 2018” and REPLACE with “Tuesday, August 14, 2018”.
2. Specification Section 00 2113 INSTRUCTIONS TO BIDDERS
  - a. Paragraph 3.06 B.1: STRIKE “August 7, 2018” and REPLACE with “August 14, 2018”
  - b. Paragraph 3.010 A: STRIKE “July 30, 2018” and REPLACE with “August 6, 2018”
  - c. Paragraph 3.011 A: STRIKE “July 30, 2018” and REPLACE with “August 6, 2018”
  - d. Paragraph 3.012 A: STRIKE “July 30, 2018” and REPLACE with “August 6, 2018”
3. Specification Section 00 3113 PRELIMINARY SCHEDULE
  - a. Paragraph 1.03 A: STRIKE “August 9, 2018” and REPLACE with “August 16, 2018”
  - b. Paragraph 1.03 B: STRIKE “September 4, 2018” and REPLACE with “September 11, 2018”
4. Section 00 4116: Replace section in its entirety with attached revised Specification Section 00 4116 BID FORM.
5. Section 01 1200: Replace section in its entirety with attached revised Specification Section 00 1200 CONTRACT SUMMARY.

**DRAWING ITEMS:**

1. Sheet A1-21
  - a. Note added to indicate that “No heavy equipment allowed on utility tunnel. Field verify extents of tunnel.”
  - b. Detail 5/A1-21 modified to indicate that utility tunnel extends below stairs and slab to be placed above rigid insulation.
2. Sheet A1-22
  - a. Keynote 5 modified to state “Remove all exterior and interior existing sealant and any backing materials, clean and install new backer rod and sealant around window frames, louvers, door frames, and at joint between exterior wood panel and brick.”
  - b. Keynote 17 modified to indicate that the existing window infill is 12” thick (three wythes) at the Laundry / Canteen building.
3. Sheet A1-24
  - a. Add keynote 21 which indicates that “contractor shall carry 100 square foot additional tuckpointing in base bid outside of hatched areas at Boilerhouse.”
  - b. Keynote 17 modified to indicate that the existing window infill is 16” thick (four wythes) at the Boilerhouse.
4. Sheet A1-25
  - a. Add keynotes to elevation photos to indicate electrical conduit that is to remain, to be removed by contractor and that is to be removed by facility prior to mobilization.
  - b. Add keynote 21 which indicates that “contractor shall carry 100 square foot additional tuckpointing in base bid outside of hatched areas at Boilerhouse.”
  - c. Keynote 17 modified to indicate that the existing window infill is 16” thick (four wythes) at the Boilerhouse building.

ATTACHMENTS:

1. Pre-Bid Meeting Sign-In Sheets
2. Revised Specification Section 00 4116 BID FORM.
3. Revised Specification Section 01 1200 CONTRACT SUMMARY.
4. Revised Drawing A1-21 dated 8/1/2018 ADDENDUM #1.
5. Revised Drawing A1-22 dated 8/1/2018 ADDENDUM #1.
6. Revised Drawing A1-24 dated 8/1/2018 ADDENDUM #1.
7. Revised Drawing A1-25 dated 8/1/2018 ADDENDUM #1.

END OF ADDENDUM

Name	Company	Email Address	Telephone
Jeffrey Reams	Story Construction	jreams@storycon.com	515-291-8185
Robert VanHesswyk	Foreest & Assoc.	rob@forrestassociates.com	515-283-0497
Mike Brey	STS	mbrey@Hs.State.IA.us	641-751-5030
Scott Elliott	STORY CONSTRUCTION	SELLOTT@STORYCON.COM	515-291-8857
Chris Lorey	Innovative Masonry Restoration	Chris@imrestoration.com	612-430-3880
Jordan Hoy	ISL	jordan.hoy@is-grp.com	641-751-2110
Brad Penar	ISG	brad.penar@is-grp.com	515-243-9143



**SECTION 00 4116**

**BID FORM**

RFB #0918335088

BID FORM for CONSTRUCTION CONTRACT  
for  
State Training School  
3211 Edgington Ave., Eldora, Iowa  
Project 8914.00 / 8980.00

Iowa Department of Administrative Services  
GSE-Central Procurement Bureau  
Hoover State Office Building, Level 3  
1305 East Walnut Street  
Des Moines, Iowa 50319-0105

The following documents are to be completed and submitted with your bid.

1. Bid Proposal Form (Required)
2. Non Discrimination Clause Form
3. Contractor Targeted Small Business Enterprise Pre-Bid Contract Information Form
4. Bid Security – 5% of total Bid amount (Is to be submit in separate envelope) (Required)
5. Certificate of Site Visit

**Authorized Representative:**

The undersigned Bidder, in response to your Request for Bid for construction of the above project, having examined the Drawings, Specifications, and other Bidding Documents dated July 9, 2018, and Addenda issued and acknowledged below as received and being familiar with all the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, equipment and supplies to perform all work to construct the project in strict accordance with the proposed Contract Documents, within the time and at the prices stated below. Prices are to cover all expenses incurred in performing the work required under the proposed Contract Documents, of which this bid is a part.

Bidder acknowledges receipt of the following Addenda which are a part of the Bidding Documents and for which any effect on cost of the Work is included in the bid amounts indicated:

Number    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_

Dated        \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_

Note that the State of Iowa is exempt from State and Local sales and use taxes (including local option and school option) for this project. Taxes on construction materials shall NOT be included in the bid amounts.

Amounts shall be indicated in both words and figures. In case of discrepancy, the amount indicated in words shall govern.

BID PACKAGES:

Bid Package No. 01 – All work associated with the Laundry and Canteen Building  
Bid Package No. 02 – All work associated with the Powerhouse Building

ALTERNATES:

Alternate No. 01 – Demo and replace (5) five windows at the Laundry and Canteen Building

UNIT PRICES:

Unit Price No. 01 – Add/Deduct tuckpointing per square foot at the Laundry and Canteen Building.  
Unit Price No. 02 – Add/Deduct tuckpointing per square foot at the Powerhouse Building.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

Bid Package No. 01 \_\_\_\_\_ Dollars  
(\$ \_\_\_\_\_)

Alternate No. 01 \_\_\_\_\_ Dollars  
(\$ \_\_\_\_\_)

Unit Price No. 01 \_\_\_\_\_ Dollars Per Square Foot  
(\$ \_\_\_\_\_)

Bid Package No. 02 \_\_\_\_\_ Dollars  
(\$ \_\_\_\_\_)

Unit Price No. 02 \_\_\_\_\_ Dollars Per Square Foot  
(\$ \_\_\_\_\_)

Bidder hereby certifies that:

1. This bid is genuine and is not made in the interest of or on behalf of any undisclosed person, firm or corporation;
2. Bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain any advantage over any other bidder or over the Owner.
3. Bidder hereby certifies that the Bidder is registered with the Iowa Labor Commissioner as a Contractor as required by Chapter 91C, Code of Iowa.

4. Bidder agrees to comply with all Federal and State Affirmative Action/Equal Employment Opportunity requirements concerning fair employment and will not discriminate between or among them by reason of race, color, religion, sex, national origin or physical handicap.
5. All construction under this Contract shall conform to the requirements of the *Iowa State Building Code*.
6. Bidder agrees that this bid shall remain valid and shall not be withdrawn for a period of thirty (30) calendar days after the date for receipt of bids.
7. Bidder agrees that if written notice of acceptance of this bid is mailed, emailed, or delivered to the undersigned within thirty (30) days after the date in which bids are due, or at any time thereafter before it is withdrawn, the undersigned will sign and return the Contract Agreement, prepared in accord with the Bidding Documents and this bid as accepted; and will also provide proof of insurance coverage and required surety bonds.
8. Bidder understands that the Owner reserves the right to reject any and all bids, and to waive irregularities or informalities and enter into a contract for the work, as the Owner deems to be in the best interest of the State.

**Subcontractors:**

The Trade Contractor must identify all Subcontractors and Suppliers within 48 hours of the published date and time for which bids must be submitted, in accordance with Iowa Code Section 8A311, as amended by House File 646 in 2011. Subcontractors and suppliers may not be changed without the approval of the Owner. Requests for changing a Subcontractor or supplier must identify the reason for the proposed change, the name of the new Subcontractor or supplier, and the change in the subcontractor or supplier price as a result of the change. Any reduction in subcontractor or supplier price as a result of the change, if the change is approved by the Owner, shall be deducted from the Trade Contract Price via a deductive Change Order. Any such changes, if approved by the Owner, which result in an increase in the Trade Contract Price shall be borne by the Trade Contractor.

**Enforcement of Reciprocal Resident Bidder Preference, per Iowa Code 73A.21.**

All bidders shall either check the box next to "Resident Bidder" or check the box next to "Nonresident Bidder" and by doing so and signing thereafter certifies and attests to the same. All information requested must be provided. Seek out the advice of an attorney if you have questions.

"Resident Bidder" means a person or entity authorized to transact business in of the State of Iowa and having a place of business for transacting business within the State of Iowa at which it is conducting and has conducted business for at least three years prior to the date of the first advertisement for the public improvement. Note, however, that if a nonresident bidder's state or foreign country has a more stringent definition of a resident bidder, the more stringent definition is applicable as to bidders from that state or foreign country.

Resident Bidder

Name of Resident Bidder: \_\_\_\_\_

By: \_\_\_\_\_  
 Authorized Agent and Signatory of Resident Bidder

**OR:**

Nonresident Bidder

Name of Nonresident Bidder: \_\_\_\_\_

Name of State or Foreign Country of Nonresident Bidder: \_\_\_\_\_

Particularly identify and describe any preference, labor preference, or any other type of preferential treatment, in effect in the nonresident bidder's state or foreign country at the time of this bid:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTICE:** Nonresident Bidders domiciled in a state or country with a resident labor force preference shall make and keep, for a period of not less than three years, accurate records of all workers employed on the public improvement. The records shall include each worker's name, address, telephone number when available, social security number, trade classification, and the starting ending time of employment.

By: \_\_\_\_\_  
Authorized Agent and Signatory of Nonresident Bidder

Bid Form shall be signed by an officer of the company with authority to bind in a contract. Notice of acceptance of this bid, or request for additional information by the Department of Administrative Services, may be addressed to the undersigned at the address set forth below:

Legal Name of Firm: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of Bidder: \_\_\_\_\_

Title: \_\_\_\_\_

Typed Name of Signatory: \_\_\_\_\_

Email: \_\_\_\_\_

Business Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Federal Tax Identification Number: \_\_\_\_\_

Iowa Contractor Registration Number: \_\_\_\_\_

Bidder Safety Manager Name: \_\_\_\_\_

For an out-of-state Bidder, Bidder certifies that the Resident Preference given by the State or Foreign Country of Bidder's residence, \_\_\_\_\_, is \_\_\_\_\_ %.

**END OF SECTION**

## SECTION 01 1200

### CONTRACT SUMMARY

#### PART 1 - GENERAL

##### 1.01 SECTION INCLUDES

- A. Project Information
- B. Project Summary
- C. Bid Scope Summary
- D. Work Hour Restrictions
- E. Access to Site
- F. Coordination with Occupants
- G. Rules for Construction Workers
- H. Bid Package Instructions

##### 1.02 PROJECT INFORMATION

- A. Facility Name/Location: State Training School for Boys, 3211 West Edgington, Eldora, IA 50627
- B. DAS Project #: 8914.00 / 8980.00
- C. Owner: State of Iowa, Department of Administrative Services, Hoover State Office Building, Level 3, 1305 East Walnut Street, Des Moines, IA 50319
- D. Owner's Representative: Jennifer Kleene, Iowa Department of Administrative Services, 109 SE 13th Street, Des Moines, IA 50319
- E. Construction Manager: Jeffrey Reams, Story Construction Co., 2810 Wakefield Circle, Ames, IA 50010

##### 1.03 PROJECT SUMMARY

- A. The project includes masonry repairs, tuckpointing and general construction at the State Training School.
- B. Powerhouse target date to provide substantial completion is April 30, 2019.
- C. Canteen and Laundry target date to provide substantial completion is May 31, 2019.

##### 1.04 BID SCOPE SUMMARY

- A. Scope Applicable to All Bid Packages:
  - 1. The Contractor's Work includes all labor, supervision, materials, equipment, services, supplies, tools, facilities, transportation, hoisting, storage, receiving, licenses, inspections, certifications, overhead, profit, or other items required or reasonably inferable to properly and timely perform and complete all work and services to be performed by the Contractor pursuant to this Agreement. Unless specifically stated otherwise, incidental work required to accomplish the work of this Bid Package shall be included the bid. This would include, but not be limited to, temporary facilities, protection of the work, security of equipment, materials, and work in progress, etc. Contractor's Work shall be performed in accordance with the Drawings, Specification Divisions 00 and 01, and Specification sections applicable to each Contractor's scope.
  - 2. Contractor is responsible for all labor and equipment to unload, account for all material delivered, stock, and delivery for this scope of work. Storage and delivery of materials and equipment at the Site shall be permitted only to the extent approved in advance by the Construction Manager, and if anything so stored obstructs the progress of any portion of the work, it shall be promptly removed or relocated by the Contractor without reimbursement.

3. On site supervision by Prime Contractor at all times work by that contractor or their subcontractors/suppliers is taking place.
4. Provide all temporary facilities required for this scope of work including trailer, trailer power, telephone, secured storage, temporary power for work, temporary and task lighting for work, etc. as determined necessary by Contractor. Coordinate location of trailers, material storage and utility lines with Construction Manager. Limited space is available, and permission to bring any such facility or excess materials on to the site shall be approved by the Construction Manager.
5. Contractor shall provide all equipment and tools for Contractor's own cleanup. Clean up shall be done at end of every shift or more frequently if required for the Contractor to perform their work, for other Contractors to perform their work, as required by the Owner's operations, and at the discretion of the Construction Manager.
6. All turf, landscaping, and subgrade disturbances caused by equipment traffic or other activities related to the Contractor's scope shall be repaired or restored to proper conditions by the Contractor.
7. Protect adjacent existing building elements from damage from Scope of work. Repair existing building elements damaged during Contractor's Scope of work.
8. Provide temporary enclosures, heat and necessary power/utility connections if work and schedule requires due to cold temperatures.

#### **1.05 WORK HOUR RESTRICTIONS**

- A. Work hours are from 7:00 AM to 3:30 PM, Monday through Friday unless arrangements are made in advance.

#### **1.06 CONTRACTOR USE OF SITE AND PREMISES**

- A. Construction Operations: Limited to areas noted on Drawings.
- B. Provide access to and from site as required by law and Owner:
  1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
  2. Do not obstruct roadways, sidewalks, or other public ways without permission of Owner and permit if required.
- C. Facility will be occupied at all times during duration of work. Contractor personnel shall conduct themselves in an agreeable manner at all times. Failure to do so may result in removal from the work site.

#### **1.07 OWNER OCCUPANCY**

- A. Owner intends to occupy the Project upon Substantial Completion.
- B. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- C. Schedule the Work to accommodate Owner occupancy.

#### **1.08 RULES FOR CONSTRUCTION WORKERS**

- A. All personnel shall check in and out with central dispatch at each arrival and departure from the facility.
- B. The staff of the State of Iowa has a responsibility to protect the public by providing a secure environment. All work site rules must be followed to the letter, at all times.
- C. All construction workers must have a background check completed prior to entering the campus to perform work.
- D. Hot Work Permit Processes and Fire Watch, when necessary, will be adhered to for this project.
- E. All State properties are tobacco free. No smoking will be permitted or tolerated on campus unless in designated areas.
- F. You are permitted access only to the work site and no other area of the institution.

- G. No drugs, alcohol, or firearms are allowed on the work site.
- H. Do not leave money, drugs, alcohol, or firearms in your personal vehicle.
- I. Company and personal vehicles are to be parked and locked in designated or authorized area of the work.
- J. Secure all tools at the end of the day.
- K. Maintain control of all tools, supplies, and debris at all times during the work.
- L. Never leave keys in any vehicle. If a security officer finds keys in a vehicle, they are under orders to turn them in to a security supervisor.
- M. Do not give anything to residents or take anything from residents; if they offer, inform your supervisor.
- N. Secure all tools at the end of each day. Never leave tools unattended. All tools shall be checked in at the beginning of the day and checked out at the end of the day. If security officers find loose tools, they are under orders to turn them in to their supervisor.
- O. All delivery vehicles must go directly to the job site. Provide 24-hour notice to the facility of deliveries.
- P. During an emergency, follow the instructions of the security staff.

## 1.09 BID PACKAGE INSTRUCTIONS

- A. **Bid Package #01** – All work and all specifications for the Laundry and Canteen Building: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
  - 1. All work included on Sheets G1-10, A1-21 and A1-22.
  - 2. Includes all specifications.
  - 3. Include 250 square feet of additional tuckpointing to be completed outside of hatched areas. See Keynote 2 on Sheet A1-22.
    - a. **Alternate #01** – Demo and replace (5) five windows at the Laundry and Canteen Building per Keynote #10 on Sheet A1-22.
      - 1) Work is to include demo of windows, prep. of the adjacent masonry and to supply and install windows and components.
    - b. **Unit Price #01** – Add/Deduct tuckpointing per square foot at the Laundry and Canteen Building:
      - 1) This unit price will be used to adjust the contract value to reflect the actual quantity of work as compared to the 250 SF included in the base bid.
      - 2) Include cost for tuckpointing per square foot of wall area.
      - 3) Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.
      - 4) Owner reserves the right to reject Contractor's measurements of work in place that involves use of established unit prices and to have this work measured, at the Owner's expense, by an independent surveyor acceptable to the Contractor.
- B. **Bid Package #02** – All work and all specifications for the Powerhouse/Boilerhouse: Trade Contractor shall include all of the following, but not limited to, as part of the contract:
  - 1. All work included on Sheets G1-10, A1-23, A1-24 and A1-25.
  - 2. Includes all specifications.
  - 3. Include 100 square feet of additional tuckpointing to be completed outside the hatched areas. See Keynote 21 on Sheet A1-24 and Sheet A1-25.
    - a. **Unit Price #02** – Add/Deduct tuckpointing per square foot at the Powerhouse Building:
      - 1) This unit price will be used to adjust the contract value to reflect the actual quantity of work as compared to the 100 SF included in the base bid.
      - 2) Include cost for tuckpointing per square foot of wall area.
      - 3) Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.

- 4) Owner reserves the right to reject Contractor's measurements of work in place that involves use of established unit prices and to have this work measured, at the Owner's expense, by an independent surveyor acceptable to the Contractor.

**PART 2 - PRODUCTS – NOT USED**

**PART 3 - EXECUTION – NOT USED**

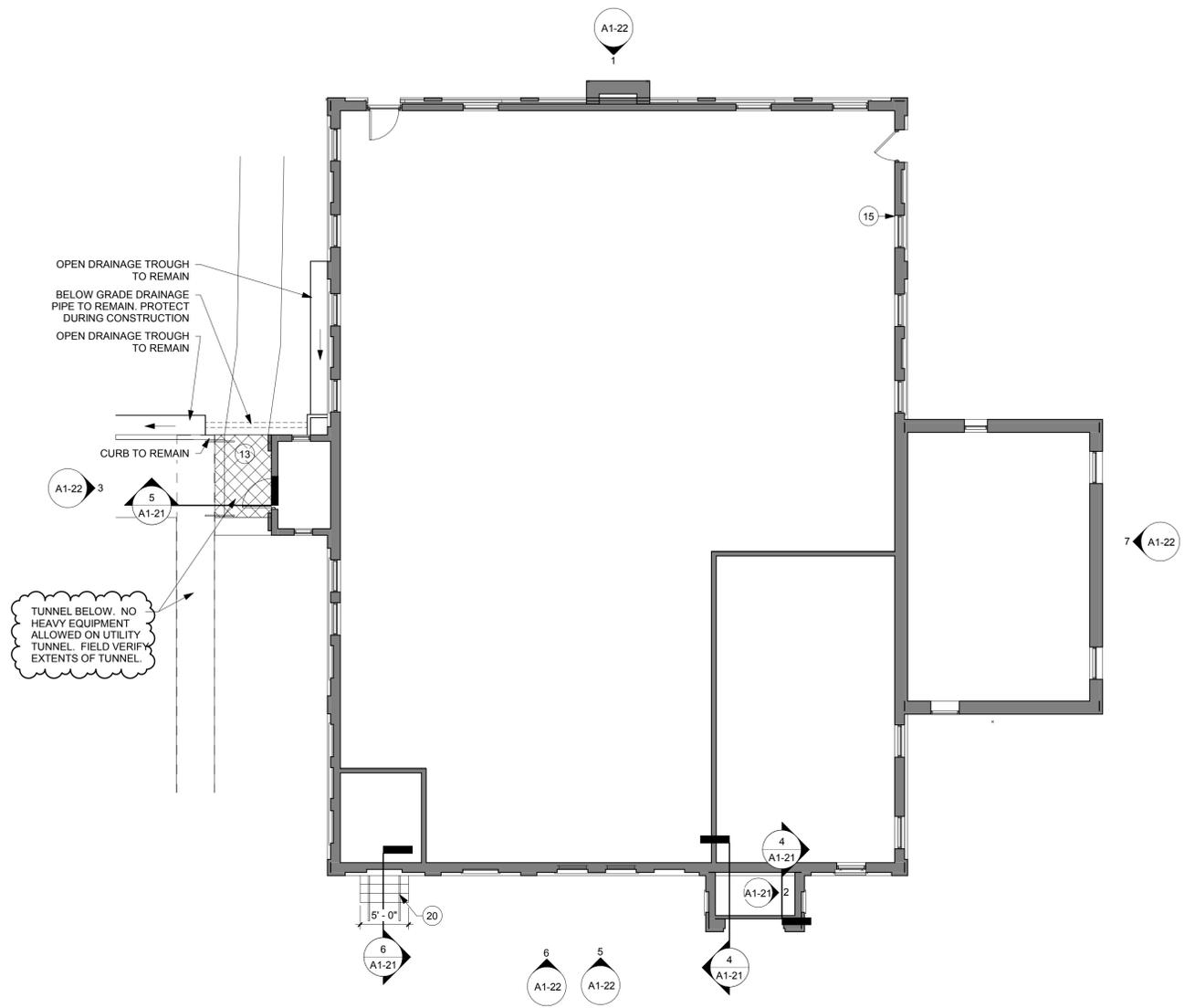
**END OF SECTION**



WALL LEGEND	
	EXISTING CONSTRUCTION TO REMAIN
	NEW CONSTRUCTION

KEYNOTE LEGEND	
4	TUCKPOINT WITH MORTAR 100% OVER ENTIRE SURFACE ALL JOINT LOCATIONS IN THE AREA INDICATED. REPLACE MISSING, LOOSE, DETERIORATED, CRACKED, OR OUT OF POSITION BRICK. SEE FLUSH JOINT DETAIL ON THIS SHEET.
13	DEMOLISH SIDEWALK PANEL AND CONCRETE STAIR ADJACENT TO TUNNEL. REPLACE WITH NEW 4" PCC CONCRETE SLAB AND STAIR PER SUDAS REQUIREMENTS.
15	INJECT GROUT IN CAST STONE SILL AT INTERIOR OF BUILDING USING SPECIFIED INJECTION GROUT PRODUCT.
20	SAWCUT AND DEMOLISH EXISTING CONCRETE SLAB AND REPLACE WITH NEW CONCRETE STAIR PER SUDAS REQUIREMENTS.



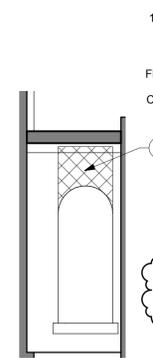
1 FIRST FLOOR PLAN - LAUNDRY AND CANTEEN  
1/8" = 1'-0"



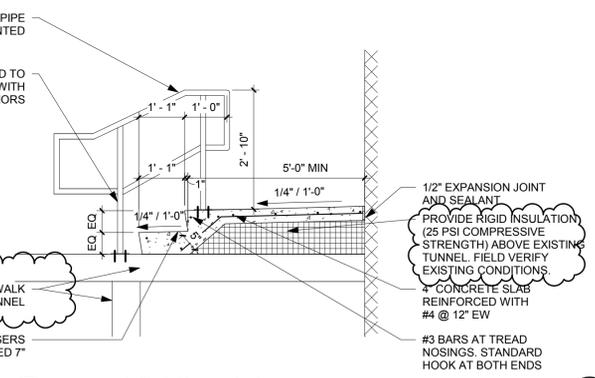
2 ENTRANCE ELEVATION  
NOT TO SCALE



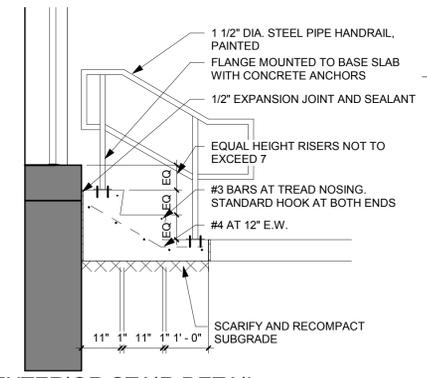
3 SILL REPAIR PHOTO  
NOT TO SCALE



4 INTERIOR VESTIBULE  
1/4" = 1'-0"



5 EXTERIOR STAIR DETAIL  
1/2" = 1'-0"



6 EXTERIOR STAIR DETAIL  
1/2" = 1'-0"

PROJECT  
**IOWA DAS MASONRY REPAIRS AT STS**

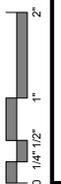
ELDORA IOWA

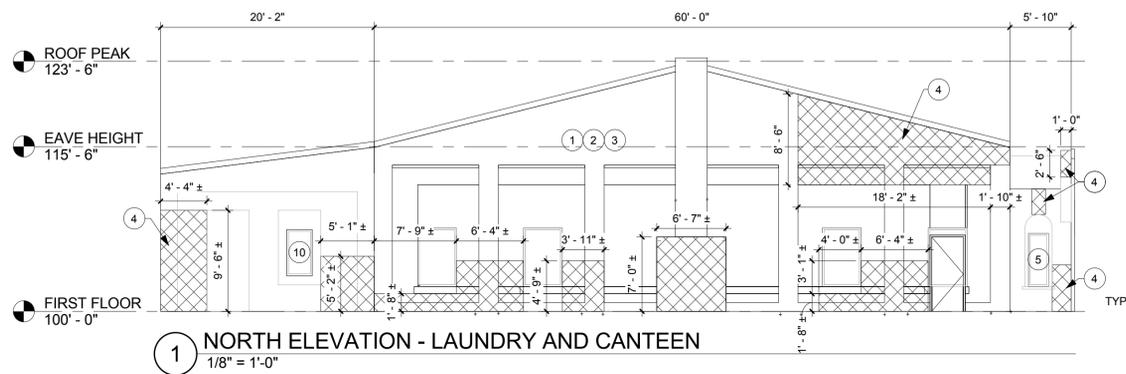
REVISION SCHEDULE		
DATE	DESCRIPTION	BY
8/1/2018	ADDENDUM #1	

PROJECT NO.	18-21577
FILE NAME	21577 ARCH R17
DRAWN BY	DRL
DESIGNED BY	BWP
REVIEWED BY	BWP
ORIGINAL ISSUE DATE	
CLIENT PROJECT NO.	

TITLE  
**FIRST FLOOR PLAN LAUNDRY AND CANTEEN**

SHEET  
**A1-21**

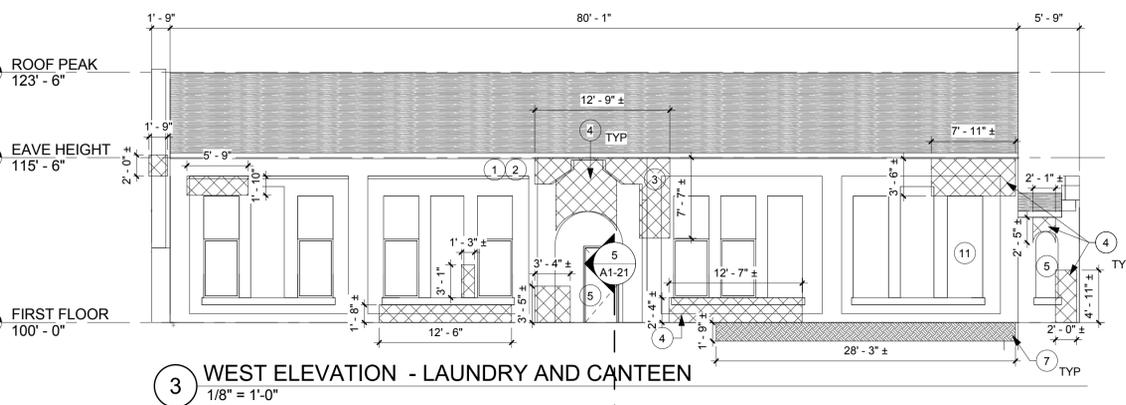




1 NORTH ELEVATION - LAUNDRY AND CANTEEN  
1/8" = 1'-0"



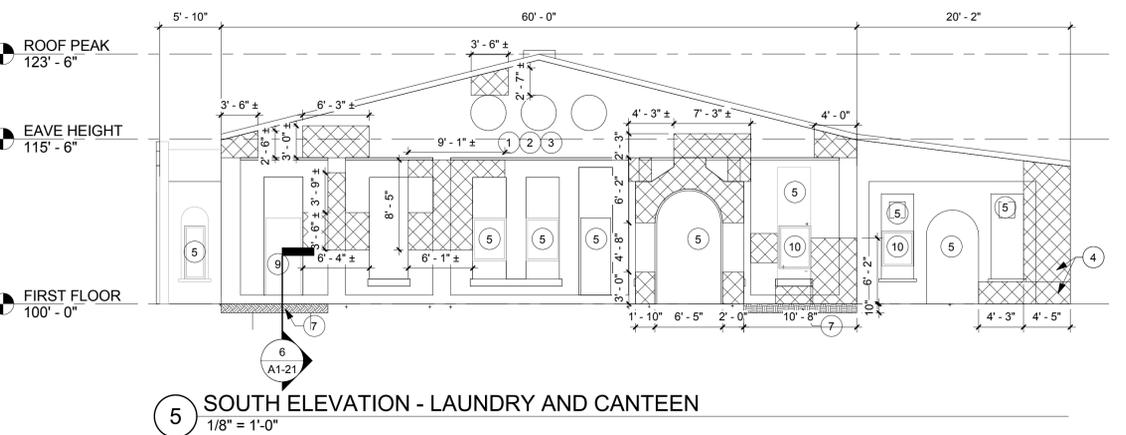
2 NORTH ELEVATION PHOTO - LAUNDRY AND CANTEEN  
NOT TO SCALE



3 WEST ELEVATION - LAUNDRY AND CANTEEN  
1/8" = 1'-0"



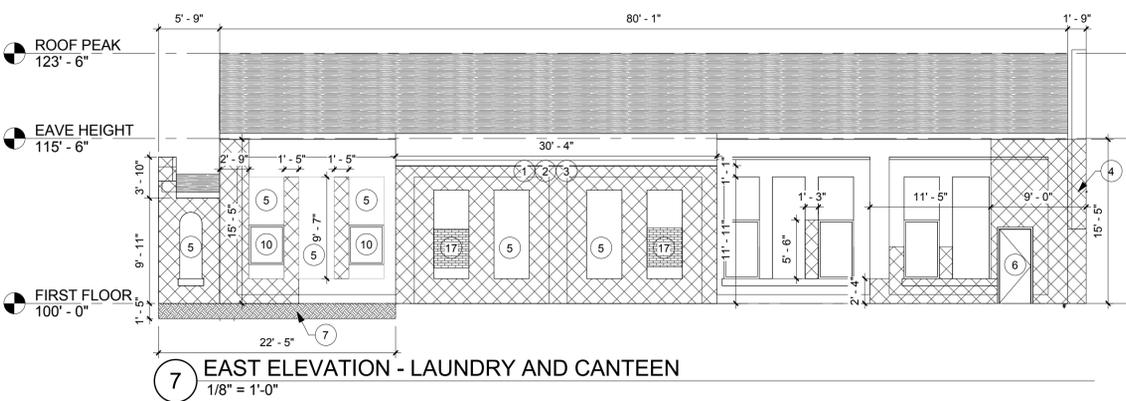
4 WEST ELEVATION PHOTO - LAUNDRY AND CANTEEN  
NOT TO SCALE



5 SOUTH ELEVATION - LAUNDRY AND CANTEEN  
1/8" = 1'-0"



6 SOUTH ELEVATION PHOTO - LAUNDRY AND CANTEEN  
NOT TO SCALE



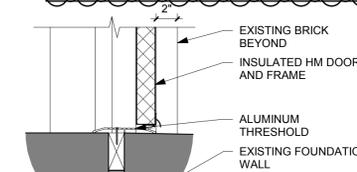
7 EAST ELEVATION - LAUNDRY AND CANTEEN  
1/8" = 1'-0"



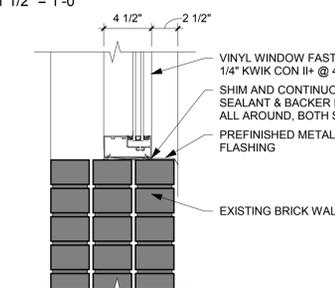
8 EAST ELEVATION PHOTO - LAUNDRY AND CANTEEN  
NOT TO SCALE

- ### KEYNOTE LEGEND
- REMOVE EXTERIOR PAINT WITH ICE BLASTING, TYPICAL OVER ENTIRE EXTERIOR SURFACE OF BUILDING
  - CONTRACTOR SHALL CARRY 250 SQ. FT. ADDITIONAL TUCKPOINTING IN BASE BID OUTSIDE OF HATCHED AREAS AT LAUNDRY/CANTEEN BUILDING. TUCKPOINT WITH MORTAR SELECTIVELY OVER ENTIRE SURFACE ALL MISSING, CRACKED, SOFT, LOOSE, POROUS OR OTHER DETERIORATED BRICK MORTAR JOINTS IN ALL AREAS NOT COVERED BY OTHER NOTES. REPLACE LOOSE, DETERIORATED, CRACKED, OR OUT OF POSITION BRICK AS NECESSARY IN ALL AREAS NOT COVERED BY OTHER NOTES. PROVIDE UNIT PRICE PER SQUARE FOOT FOR ADDITIONAL TUCKPOINTING OF MORTAR JOINTS.
  - AFTER EXTERIOR PAINT REMOVAL AND TUCKPOINTING IS COMPLETED, APPLY SPECIFIED WATER REPELLENT TO EXTERIOR MASONRY SURFACES. CONTRACTOR TO CLEAN WALL PRIOR TO APPLICATION.
  - TUCKPOINT WITH MORTAR 100% OVER ENTIRE SURFACE ALL JOINT LOCATIONS IN THE AREA INDICATED. REPLACE MISSING, LOOSE, DETERIORATED, CRACKED, OR OUT OF POSITION BRICK. SEE FLUSH JOINT DETAIL ON THIS SHEET.

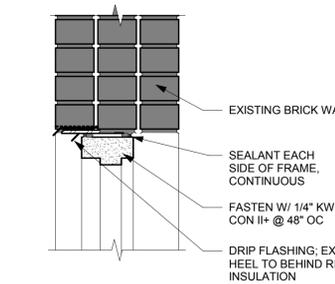
- ### KEYNOTE LEGEND
- REMOVE ALL EXISTING EXTERIOR AND INTERIOR SEALANT AND ANY BACKING MATERIALS. CLEAN AND INSTALL NEW BACKER ROD AND SEALANT AROUND WINDOW FRAMES, LOUVERS, DOOR FRAMES AND AT JOINT BETWEEN EXTERIOR WOOD PANEL AND BRICK.
  - AT STEEL LINTEL, REMOVE ALL PAINT, CAULK AND RUST. PAINT EXPOSED PORTION OF STEEL LINTEL.
  - REMOVE ALL LOOSE CONCRETE AT CONCRETE BASE IN AREAS INDICATED. PATCH WITH SPECIFIED CONCRETE REPAIR MORTAR.
  - REPLACE DOOR AND DOOR FRAME (7'-0" H x 4'-0" W FIELD VERIFY). SEE DOOR DETAILS THIS SHEET.
  - ADD ALTERNATE: REPLACE WINDOWS AT INDICATED LOCATIONS. (4'-4" H x 2'-8" W FIELD VERIFY). (5) TOTAL. SEE WINDOW DETAILS THIS SHEET.
  - REPLACE ENTIRE WOOD PANEL WITH NEW 3/4" PLYWOOD PAINT AND ADD SEALANT AT JOINT BETWEEN WOOD PANEL AND BRICK.
  - REMOVE EXISTING WINDOWS AND INFILL WITH BRICK TO MATCH ADJACENT WALL CONSTRUCTION. 12 INCH THICK (THREE WYTHES) AT LAUNDRY/CANTEEN BUILDING. 16 INCH THICK (FOUR WYTHES AT BOILERHOUSE).



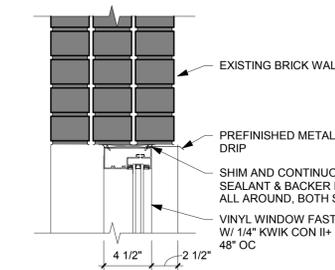
9 DOOR SILL DETAIL  
1 1/2" = 1'-0"



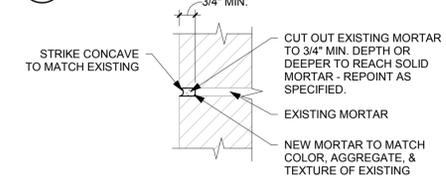
10 WINDOW SILL DETAIL  
1 1/2" = 1'-0"



11 DOOR HEAD DETAIL  
1 1/2" = 1'-0"



12 WINDOW HEAD DETAIL (JAMB SIM)  
1 1/2" = 1'-0"



13 FLUSH JOINT DETAIL  
3" = 1'-0"

PROJECT

## IOWA DAS MASONRY REPAIRS AT STS

ELDORA IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY
8/1/2018	ADDENDUM #1	

PROJECT NO.	18-21577
FILE NAME	21577 ARCH R17
DRAWN BY	DRL
DESIGNED BY	BWP
REVIEWED BY	BWP
ORIGINAL ISSUE DATE	
CLIENT PROJECT NO.	

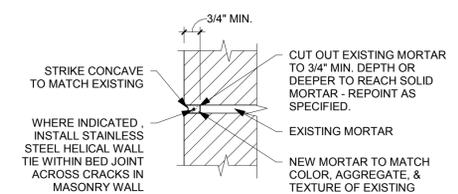
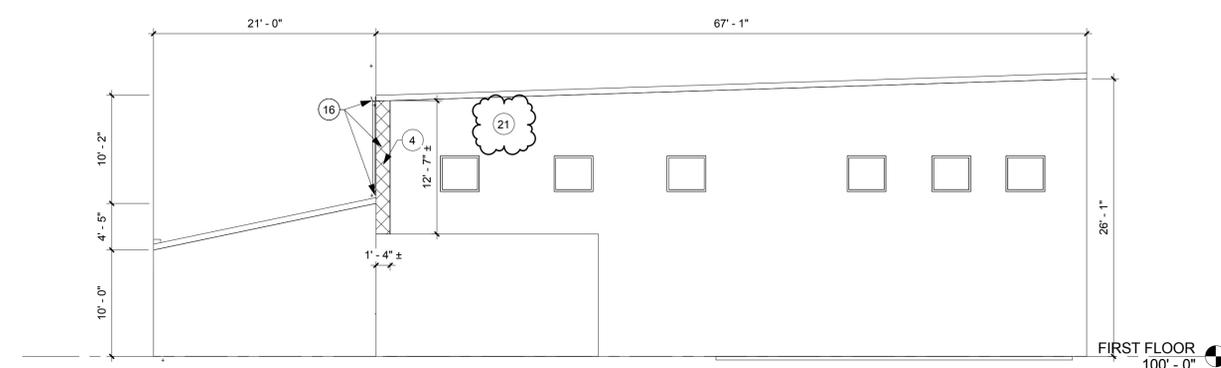
TITLE

## EXTERIOR ELEVATIONS LAUNDRY AND CANTEEN

SHEET  
**A1-22**

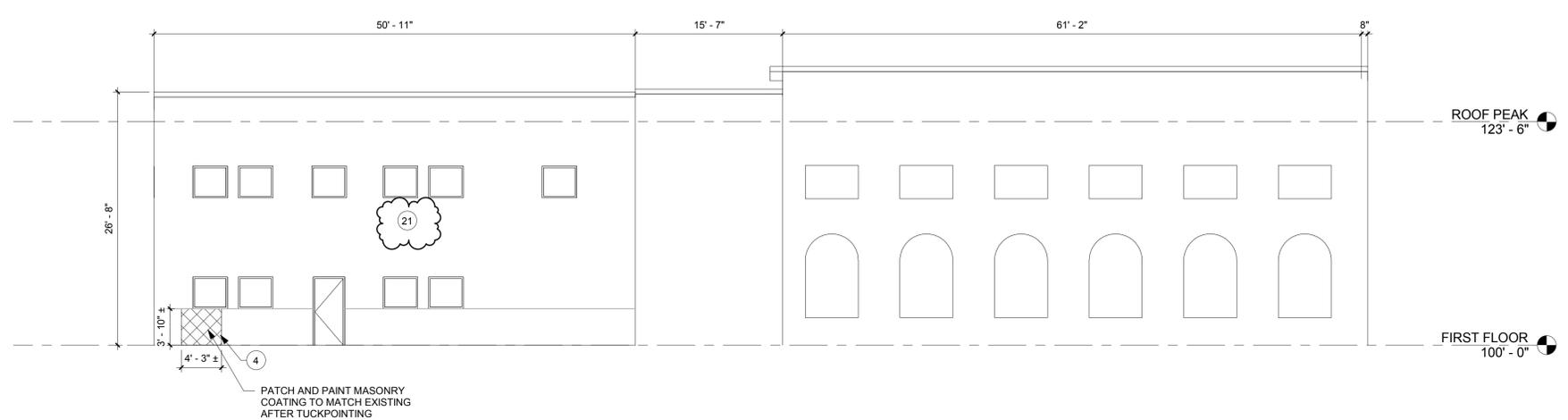


KEYNOTE LEGEND	
4	TUCKPOINT WITH MORTAR 100% OVER ENTIRE SURFACE ALL JOINT LOCATIONS IN THE AREA INDICATED. REPLACE MISSING, LOOSE, DETERIORATED, CRACKED, OR OUT OF POSITION BRICK. SEE FLUSH JOINT DETAIL ON THIS SHEET.
16	REMOVE EXISTING GUTTERS, DOWNSPOUTS, FLASHINGS AND METAL SIDING AS REQUIRED TO COMPLETE THE MASONRY REPAIR WORK. REINSTALL GUTTERS, DOWNSPOUTS, FLASHINGS AND METAL SIDING AFTER MASONRY REPAIR WORK IS COMPLETED.
17	REMOVE EXISTING WINDOWS AND INFILL WITH BRICK TO MATCH ADJACENT WALL CONSTRUCTION. 12 INCH THICK (THREE WYTHES) AT LAUNDRY/CANTEEN BUILDING. 16 INCH THICK (FOUR WYTHES) AT BOILERHOUSE.
21	CONTRACTOR SHALL CARRY 100 SQ. FT. ADDITIONAL TUCKPOINTING IN BASE BID OUTSIDE OF HATCHED AREAS AT BOILERHOUSE. TUCKPOINT WITH MORTAR SELECTIVELY OVER ENTIRE SURFACE ALL MISSING, CRACKED, SOFT, LOOSE, POROUS OR OTHER DETERIORATED BRICK MORTAR JOINTS IN ALL AREAS NOT COVERED BY OTHER NOTES. REPLACE LOOSE, DETERIORATED, CRACKED, OR OUT OF POSITION BRICK AS NECESSARY IN ALL AREAS NOT COVERED BY OTHER NOTES. PROVIDE UNIT PRICE PER SQUARE FOOT FOR ADDITIONAL TUCKPOINTING OF MORTAR JOINTS.



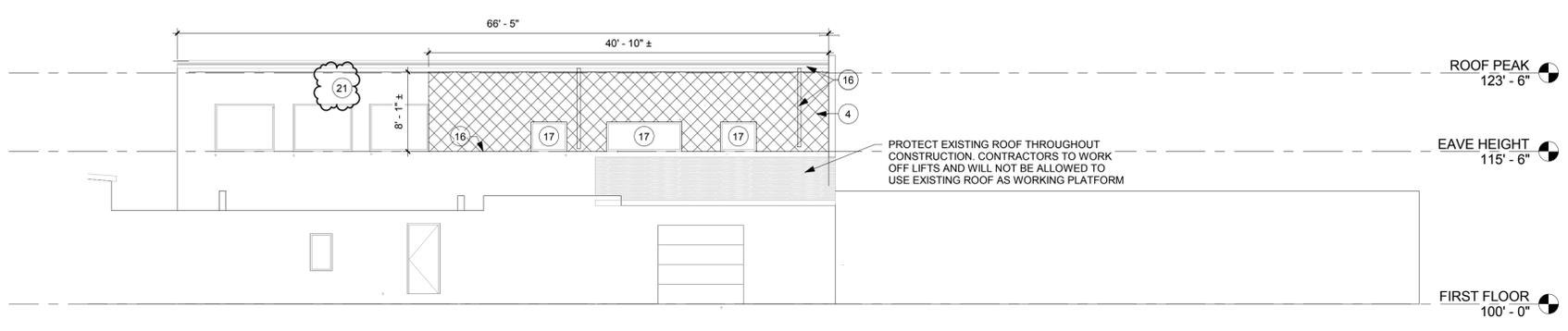
1 NORTH ELEVATION BOILERHOUSE  
1/8" = 1'-0"

4 FLUSH JOINT DETAIL  
3" = 1'-0"



2 WEST ELEVATION - BOILERHOUSE  
1/8" = 1'-0"

5 WEST ELEVATION PHOTO - BOILERHOUSE  
NOT TO SCALE



3 EAST ELEVATION - BOILERHOUSE  
1/8" = 1'-0"

6 EAST ELEVATION PHOTO - BOILERHOUSE  
1/32" = 1'-0"

PROJECT

**IOWA DAS MASONRY REPAIRS AT STS**

ELDORA IOWA

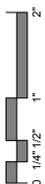
REVISION SCHEDULE		
DATE	DESCRIPTION	BY
8/1/2018	ADDENDUM #1	

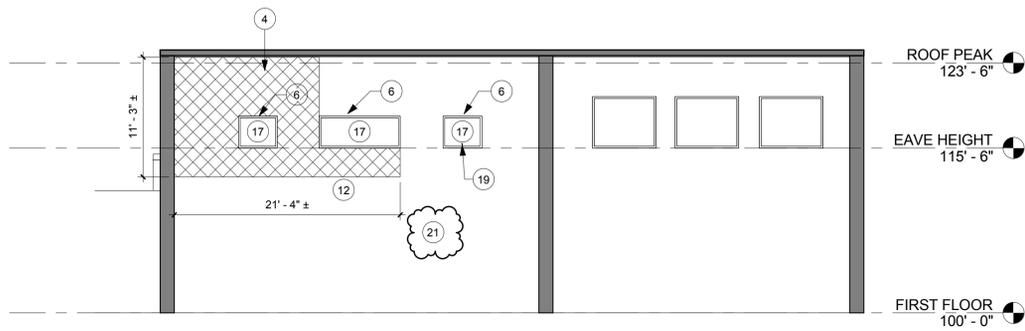
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TITLE

**EXTERIOR ELEVATIONS BOILERHOUSE**

SHEET  
**A1-24**





1 INTERIOR EAST ELEVATION - BOILERHOUSE  
1/8" = 1'-0"

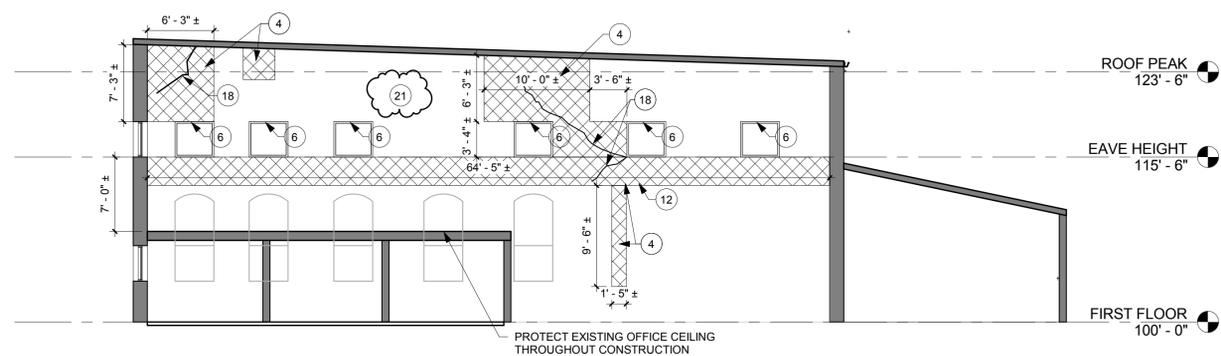


4 INTERIOR EAST ELEVATION PHOTO - BOILERHOUSE  
NOT TO SCALE



5 INTERIOR NORTH ELEVATION PHOTO - BOILERHOUSE  
NOT TO SCALE

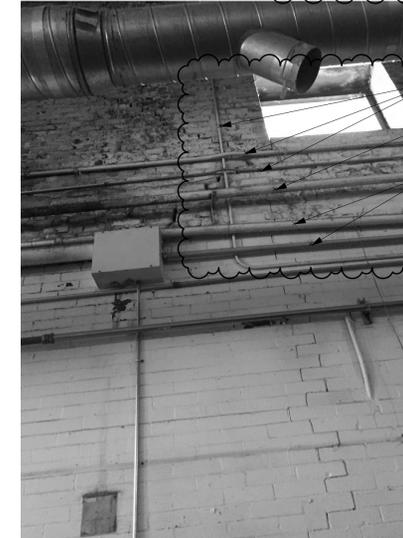
KEYNOTE LEGEND	
4	TUCKPOINT WITH MORTAR 100% OVER ENTIRE SURFACE ALL JOINT LOCATIONS IN THE AREA INDICATED. REPLACE MISSING, LOOSE, DETERIORATED, CRACKED, OR OUT OF POSITION BRICK. SEE FLUSH JOINT DETAIL ON THIS SHEET.
6	AT STEEL LINTEL, REMOVE ALL PAINT, CAULK AND RUST. PAINT EXPOSED PORTION OF STEEL LINTEL.
12	LICENSED ELECTRICAL CONTRACTOR TO TEMPORARILY REMOVE CONDUIT AND OTHER ELECTRICAL ACCESSORIES AS NECESSARY WHERE THESE ITEMS WILL INTERFERE WITH MASONRY TUCKPOINTING AND MASONRY REPAIR. RELOCATE OR REPLACE AFTER TUCKPOINTING IS COMPLETED. COORDINATE WITH OWNER. PROVIDE TEMPORARY ELECTRICAL SERVICE AS REQUIRED. OUTAGES ARE LIMITED TO 2 HOURS AND OWNER MUST BE NOTIFIED AT LEAST 72 HOURS IN ADVANCE FOR ANY 24-HOUR OUTAGES.
17	REMOVE EXISTING WINDOWS AND INFILL WITH BRICK TO MATCH ADJACENT WALL CONSTRUCTION. 12 INCH THICK (THREE WYTHES) AT LAUNDRY/CANTEEN BUILDING. 16 INCH THICK (FOUR WYTHES) AT BOILERHOUSE.
18	AT CRACK IN MASONRY WALL, INSTALL STAINLESS STEEL HELICAL WALL TIE (8 mm x 24" LENGTH) ACROSS CRACK EVERY THIRD COURSE.
19	RELOCATE PHOTO SENSOR TO PENETRATE THROUGH NEW BRICK INFILL AT WINDOW. COORDINATE WITH OWNER.
21	CONTRACTOR SHALL CARRY 100 SQ. FT. ADDITIONAL TUCKPOINTING IN BASE BID OUTSIDE OF HATCHED AREAS AT BOILERHOUSE. TUCKPOINT WITH MORTAR SELECTIVELY OVER ENTIRE SURFACE ALL MISSING, CRACKED, SOFT, LOOSE, POROUS OR OTHER DETERIORATED BRICK MORTAR JOINTS IN ALL AREAS NOT COVERED BY OTHER NOTES. REPLACE LOOSE, DETERIORATED, CRACKED, OR OUT OF POSITION BRICK AS NECESSARY IN ALL AREAS NOT COVERED BY OTHER NOTES. PROVIDE UNIT PRICE PER SQUARE FOOT FOR ADDITIONAL TUCKPOINTING OF MORTAR JOINTS.
22	FACILITY TO REMOVE ELECTRICAL CONDUIT INDICATED PRIOR TO MOBILIZATION.
23	TUCKPOINTING TO OCCUR ABOVE CONDUIT INDICATED. CONDUIT INDICATED AND ANY CONDUIT BELOW IS TO REMAIN IN PLACE.
24	FACILITY TO REMOVE EXISTING STEAM LINES INDICATED PRIOR TO MOBILIZATION.



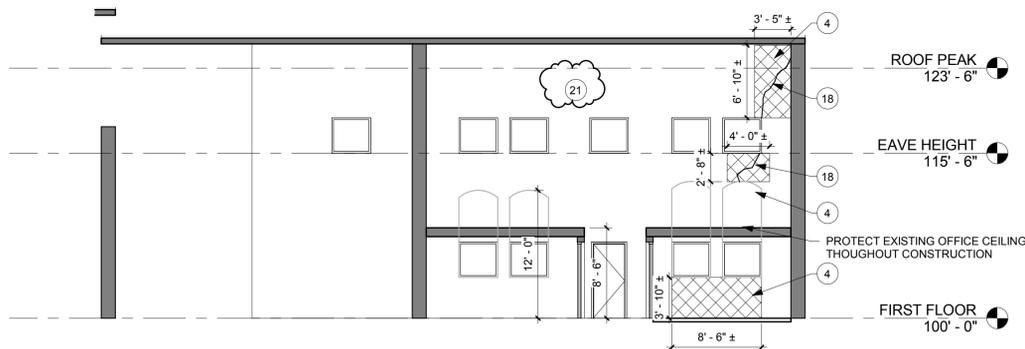
2 INTERIOR NORTH ELEVATION - BOILERHOUSE  
1/8" = 1'-0"



6 INTERIOR NORTH ELEVATION PHOTO - BOILERHOUSE  
NOT TO SCALE



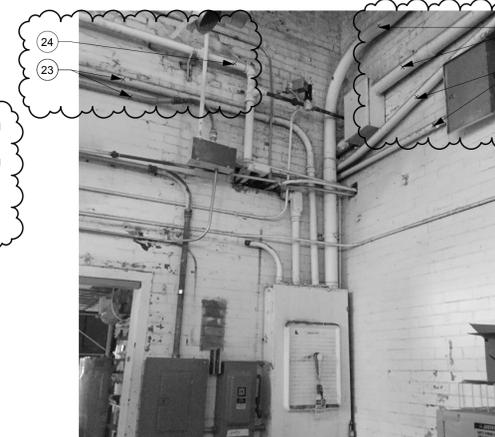
7 INTERIOR NORTH ELEVATION PHOTO - BOILERHOUSE  
NOT TO SCALE



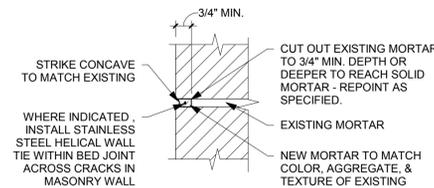
3 INTERIOR WEST ELEVATION - BOILERHOUSE  
1/8" = 1'-0"



8 INTERIOR WEST ELEVATION PHOTO - BOILERHOUSE  
NOT TO SCALE



9 INTERIOR NORTH ELEVATION PHOTO - BOILERHOUSE  
1/32" = 1'-0"



10 FLUSH JOINT DETAIL  
3" = 1'-0"

PROJECT

**IOWA DAS MASONRY REPAIRS AT STS**

ELDORA IOWA

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**INTERIOR ELEVATIONS BOILERHOUSE**