

ADDENDUM NO. 1
Nebraska State Patrol Troop A - HVAC Renovation
4411 S 108th Street
Omaha, Nebraska - 2012
November 2012 / OA Project No. 012-0684

Design Professionals:

Olsson Associates – Mechanical and Electrical Engineers

DATE OF ISSUANCE: December 13, 2012

Bid Opening Date, Time & Location: December 19, 2012, 2:00 PM CT, State of Nebraska, AS/State Building Division, Executive Building, 521 South 14th Street, Suite 400, Lincoln, Nebraska

The Project Manual and Project Drawings dated November 2012, for the above referenced project, are amended by this addendum.

NOTICE: This Addendum is issued to all interested prospective bidders as an amendment to the project manual or other parts of the bidding (contract) documents for the above named project. Reference to this Addendum must be included in the Bid proposal. The information contained herein shall be fully incorporated into the contract documents as though originally included therein.

PROJECT CHANGES

1) Refer to the Bid Form, Pages 1-4

Delete the "Bid Form" in its entirety and replace with the attached "Bid Form" dated December 13, 2012, pages 1-5. This Bid Form must be used by all Bidders. Added items as follows:

ALTERNATE (DEDUCT) #3: Deduct Alternate for providing windows as specified, minus the integral internal blinds.

Alternate #3 Contract Deduct Amount:

_____ (\$ _____)
(in words) (figures)

ALTERNATE (ADD OR DEDUCT) #4: Add/Deduct Alternate for specification Section 230900 (Instrumentation and Control for HVAC). Provide Deduct Alternate for providing manufacturer other than Johnson Controls, Inc. This alternate is not required.

Alternate Manufacturer:

Alternate #4 Contract (Circle one: ADD/DEDUCT) Amount:

_____ (\$ _____)
(in words) (figures)

ALTERNATE (ADD OR DEDUCT) #5: Add/Deduct Alternate for specification Section 237200 (Air-To-Air Recovery Equipment). Provide Deduct Alternate for providing manufacturer other than Johnson Controls/York. This alternate is not required.

Alternate Manufacturer:

Alternate #5 Contract (Circle one: ADD/DEDUCT) Amount:

_____ (\$_____)

ALTERNATE (ADD OR DEDUCT) #6: Add/Deduct Alternate for specification Section 238126 (Split-System Air-Conditioners). Provide Deduct Alternate for providing manufacturer other than York. This alternate is not required.

Alternate Manufacturer:

Alternate #6 Contract (Circle one: ADD/DEDUCT) Amount:

_____ (\$_____)

2) Refer to Specification 012300 – Alternatives, Pages 1

Delete the “Specification 012300 – Alternatives” in its entirety and replace with the attached “Specification 012300 – Alternatives”, pages 1-2. Added items as follows:

- C. Deduct Alternate #3: Deduct Alternate for providing windows as specified, minus the integral internal blinds.
- D. Add/Deduct Alternate #4: Add/Deduct Alternate for specification Section 230900 (Instrumentation and Control for HVAC). Provide Deduct Alternate for providing manufacturer other than Johnson Controls, Inc. This alternate is not required.
- E. Add/Deduct Alternate #5: Add/Deduct Alternate for specification Section 237200 (Air-To-Air Recovery Equipment). Provide Deduct Alternate for providing manufacturer other than Johnson Controls/York. This alternate is not required.
- F. Add/Deduct Alternate #6: Add/Deduct Alternate for specification Section 238126 (Split-System Air-Conditioners). Provide Deduct Alternate for providing manufacturer other than York. This alternate is not required.

3) Refer to Specifications Section, 085213 – Aluminum Clad Wood Windows, Page085213-6.

Refer to Section 2.1.E. – Blinds. Behind the word “Blinds” add “(Refer to Alternate #3)”.

4) Prior Approvals

The following manufacturers are approved for bidding purposes, subject to the provisions of the specifications and drawings.

- A. Specification Section 233300 – Air Duct Accessories: add (Smoke Dampers) Ruskin
- B. Specification Section 233423 – HVAC Power Ventilators: add Twin City Fans
- C. Specification Section 233600 – Air Terminal Units: add (VAV Boxes) Nailor
- D. Specification Section 238239 – Wall and Ceiling Unit Heaters: add Raywall, Qmark

5) Refer to Specifications Section, 260100 – Basic Electrical Requirements, Page 260100-3

Delete 1.7.A.item 4 in its entirety. Short-Circuit/Coordination Study/Arch Flash Hazard Analysis are not required.

6) Refer to Sheets A-1, M-1, & M-2

Add General Note: New roof to be installed after all mechanical equipment has been set and is operating. Existing roof to be maintained and watertight during construction.

7) Refer to the Drawings Sheet A-2, Elevations and Window Details.

Refer to Details 4/A-2 through 7/A-2, Change the window note to read as follows: "New prefinished operable 3 pane aluminum clad wood casement windows with integral blinds (Refer to Alternate #3)."

8) Refer to Sheet MD-1 – First and Ground Floor Mechanical Demo Plan

See attached MD-1-1. Demo gas piping on first floor.

9) Refer to Sheet M-1 – First and Ground Floor Mechanical Plan

See attached M-1-1. Add gas piping to 3 AHU's on first floor.

10) Refer to Sheet M-1 – First and Ground Floor Mechanical Plans

- A. Amend the Note in Ceiling Key Plan (4/M-1) to read: "New drop ceiling (new grid and new ceiling tiles) in ..."
- B. Amend General Note Q to read: "Fingerprinting machines (located in Office 121) are..."

11) Refer to Sheet M-2 – Roof Mechanical Plan

See attached M-2-1. See new site map with details of parking and outside use areas.

12) Refer to Sheet M-5 – Mechanical P&ID's

- A. In the text of VAV P&ID (3/M-5), and in the text of AHU P&ID (2/M-5), all references to HP (Heat Pump) shall be changed to AHU (Air Handling Unit).
- B. At the end of item B in the text of the AHU P&ID (2/M-5) add: "If a zone's temperature sensor is satisfied, its VAV shall go to 100% open, rather than minimum flow position."
- C. In the text of item D.1, in the text of the AHU P&ID (2/M-5), amend "30% open" to "60% open".
- D. At the end of item B in the text of the AHU P&ID (2/M-5), add: ", except 60% shall be 30%."

13) Refer to Sheet E-4 – Electrical Panel Schedules and Legend

- A. Schedule for Panel 'A', amend the number of Poles from 42 to 72.
- B. Schedule for Panel 'C', amend the Main Bus to 225 Amp.

END OF ADDENDUM NO. 1

Each Bidder must acknowledge receipt of all addenda in the space provided on the Bid Form.

BID FORM

PROJECT IDENTIFICATION: Nebraska State Patrol Troop A
HVAC Renovation
4411 S 108th St.
Omaha, Nebraska

CONTRACT IDENTIFICATION & NUMBER: OA Project No. 012-0684

THIS BID IS SUBMITTED TO THE OWNER: AS/State Building Division
The Executive Building
521 South 14th Street, Suite 400
P.O. Box 98940
Lincoln, NE 68508-8940

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an Agreement with OWNER in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Bid Price and within the Bid Times indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.
2. BIDDER accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to Bidders. This Bid will remain subject to acceptance for sixty days after the day of Bid opening. BIDDER will sign and deliver the required number of counterparts of the Agreement with the Bonds and other documents required by the Bidding Requirements within fifteen days after the date of OWNER's Notice of Award.
3. In submitting this Bid, BIDDER represents, as more fully set forth in the agreement, that:
 - (a) BIDDER has examined and carefully studied the Bidding Documents and the following Addenda receipt of all which is hereby acknowledged: (List Addenda by Addendum Number and Date).

- (b) BIDDER is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, performance and furnishing of the Work.
- (c) BIDDER is aware of the general nature of Work to be performed by Owner and others at the site that relates to Work for which this Bid is submitted as indicated in the Contract Documents.
- (d) BIDDER has given ENGINEER written notice of all conflicts, errors, ambiguities or discrepancies that BIDDER has discovered in the Contract Documents and the written resolution thereof by ENGINEER is acceptable to BIDDER, and the Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.

(e) This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other Bidder to submit 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 for itself any advantage over any other Bidder or over OWNER.

4. BIDDER will complete the Work in accordance with the Contract Documents for the following price(s):

LUMP SUM BID PRICES

BASE BID: Renovate the HVAC systems at the Nebraska State Patrol Troop A Building, Omaha, Nebraska.

Base Bid Contract Sum:

_____ (\$ _____)
(in words) (figures)

ALTERNATE #1: Provide 90 mil roof membrane, in lieu of 60 mil roof membrane.

Alternate #1 Contract Sum:

_____ (\$ _____)
(in words) (figures)

ALTERNATE #2: (also see drawings) NDOR Wall Flashing Modification: Remove 5 courses of the existing brick and install new thru-wall flashing with weep holes at 24" O.C., continuous termination bar and sealant as specified on architectural drawings. Salvage existing brick for reinstallation or provide new face Brick to infill where existing brick has been removed.

Alternate #2 Contract Sum:

_____ (\$ _____)
(in words) (figures)

ALTERNATE (DEDUCT) #3: Deduct Alternate for providing windows as specified, minus the integral internal blinds.

Alternate #3 Contract Deduct Amount:

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Alternate #6 Contract (Circle one: ADD/DEDUCT) Amount:

_____ (\$ _____)

UNIT PRICES

BASE BID: Provide a cost per linear foot to remove and replace existing deteriorated perimeter 2x wood blocking, in accordance with Section 061000 – Rough Carpentry.

Unit Price per linear foot:

_____ (\$ _____)
(in words) (figures)

5. Substantial completion by July 1, 2013 shall be an essential requirement of this Project. Bidder agrees that substantial completion for this Project will be completed by the following date:

6. Communications concerning this Bid shall be addressed to the BIDDER indicated below.
7. Terms used in this Bid which are defined in the General Conditions or Instructions will have the meaning indicated in the General Conditions or Instructions.

SUBMITTED on _____.

If BIDDER is:

An Individual

By _____ (SEAL)
(Individual's Name)

doing business as _____

Business Address: _____

Phone No.: _____

Federal Identification No.: _____

A Partnership

By _____ (SEAL)
(Firm Name)

(General Partner)

Business Address: _____

Phone No.: _____

Federal Identification No.: _____

A Corporation

By _____ (SEAL)
(Corporation Name)

(State of Incorporation)

By _____ (SEAL)
(Name of Person Authorized to Sign)

(Title)

(Corporate Seal)

Attest

(Secretary)

Business Address: _____

Phone No.: _____

Date of Qualification to do business is: _____

Federal Identification No.: _____

END OF SECTION

SECTION 012300

ALTERNATIVES

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Alternative submission procedures.
- B. Documentation of changes to Contract Sum and Contract Time.

1.2 RELATED SECTIONS

- A. Instructions to Bidders: Instructions for preparation of pricing for alternatives.
- B. Bid Form: List of Alternates.

1.3 ACCEPTANCE OF ALTERNATIVES

- A. Alternatives quoted on Bid Forms will be reviewed and accepted or rejected at Owner's option. Accepted alternatives will be identified and documented.
- B. Coordinate related work and modify surrounding work to integrate the Work of each alternative.

1.4 SCHEDULE OF ALTERNATIVES

- A. Add Alternate #1: Provide 90 mil roof membrane, in lieu of 60 mil roof membrane.
- B. Add Alternate #2: (also see drawings) NDOR Wall Flashing Modification: Remove 5 courses of the existing brick and install new thru-wall flashing with weep holes at 24" O.C., continuous termination bar and sealant as specified on architectural drawings. Salvage existing brick for reinstallation or provide new face Brick to infill where existing brick has been removed.
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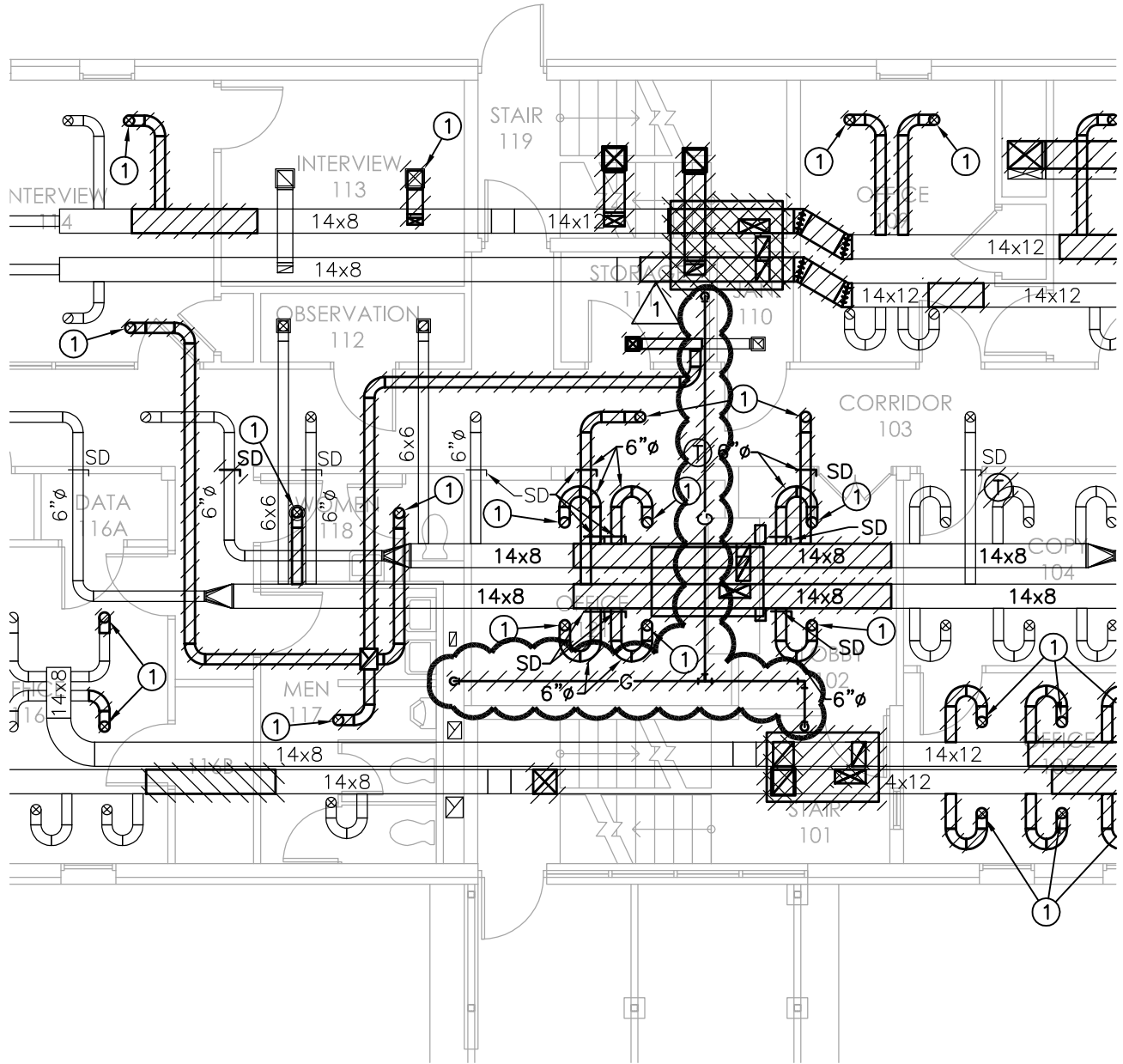
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PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

DWG: F:\projects\012-0684\me\1 - (ne das nsp troop a omaha hvac renov.)\Constructs\Mechanical\MHD1A.dwg
 DATE: Dec 12, 2012 4:15pm
 USER: lkost
 XREFS: XIB x-ref first floor x-ref ground floor



1
 MD-1

FIRST FLOOR MECHANICAL DEMO PLAN

SCALE: 1/8" = 1'-0"



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 P.O. Box 84608
 Lincoln, NE 68501-4608

TEL 402.474.6311
 FAX 402.474.5160
 www.oaconsulting.com

(Sheet Number)
MD-1

(Project Number)
 012-0684
 (Drawing Number)
 130733
 (Date)
 11-28-12

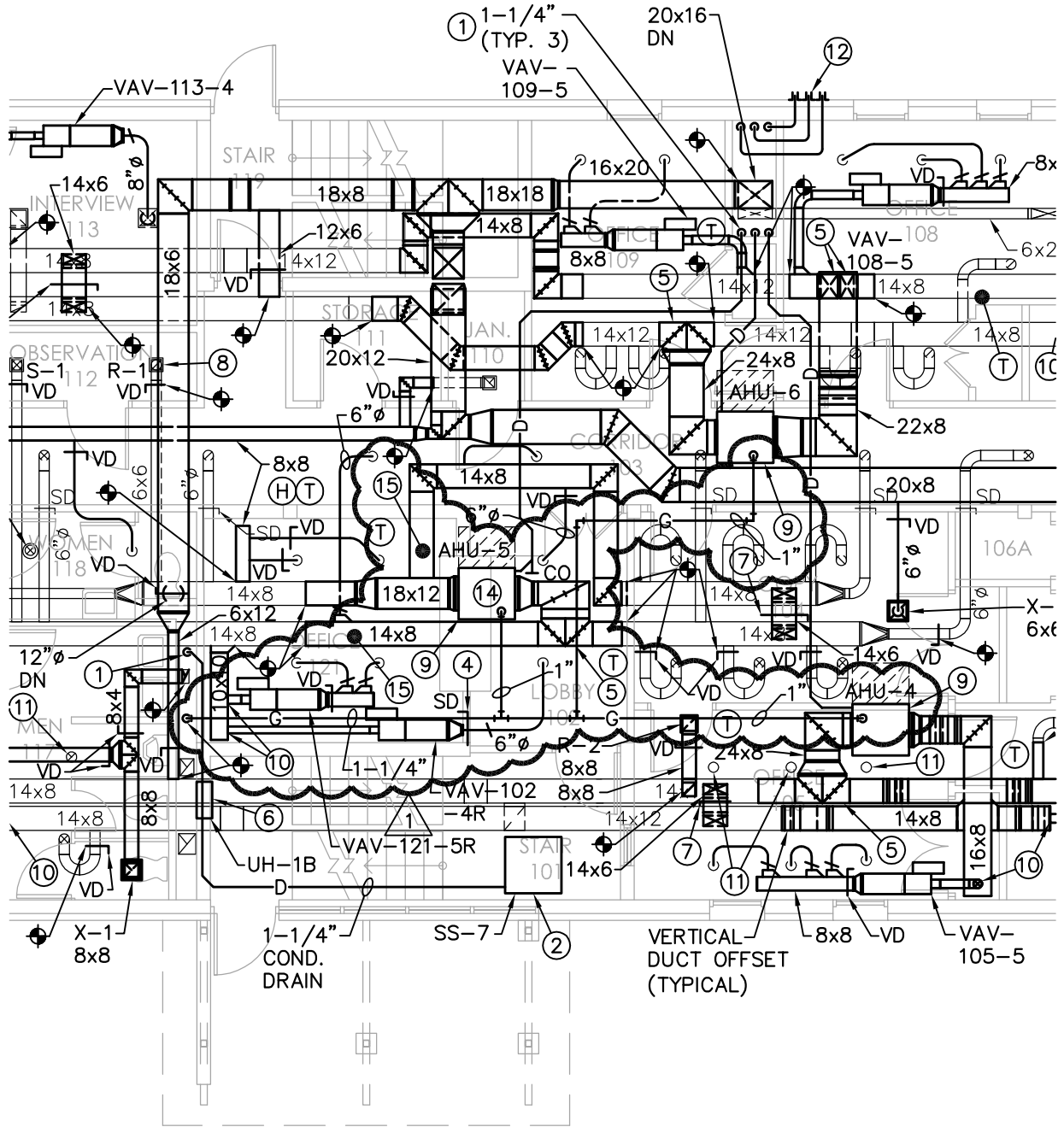
FIRST & GROUND FLOOR MECHANICAL DEMO PLANS
 NEBRASKA STATE PATROOL TROOP A
 HVAC RENOVATION



Attachment No. MD-1-1 to
 Addendum No. 1 Dated:
 December 12, 2012

SHEET NOTES: (SYMBOLS ①, ②, ETC.)

① 15. LOCATION OF FINGERPRINTING MACHINES, REFER TO GENERAL NOTE Q.



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 DATE: Dec 12, 2012 4:15pm
 USER: lkost
 XREFS: X1B MHD1A x-ref first floor x-ref ground floor



①
M-1

FIRST FLOOR MECHANICAL PLAN

SCALE: 1/8" = 1'-0"

DWG: F:\projects\012-0684\me\1 - (ne das nsp troop a omadha hvac renov.)\Constructs\Mechanical\MHNRA.dwg USER: lkost
DATE: Dec 12, 2012 4:16pm XREFS: XTB x-ref roof MHDRA

MATERIAL STORAGE/
STAGING,
GENERAL
USE

DUMPSTER

CONSTRUCTION
WORKER
PARKING



Imagery Date: 3/7/2012 1993 © 2012 Google Eye alt 1609 ft
41°12'57.00" N 96°04'49.03" W elev 1205 ft

SITE MAP

NOT TO SCALE

EQUIPMENT
TRUCK PARKING



1111 Lincoln Mall, Suite 111
P.O. Box 84608
Lincoln, NE 68501-4608
TEL 402.474.6311
FAX 402.474.5160
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Project #: 012-0684
Drawing #: 130733

(Sheet Number)
M-2
(Project Number)
012-0684
(Drawing Number)
130733
(Date)
11-28-12

ROOF MECHANICAL PLAN
NEBRASKA STATE PATROL TROOP A
HVAC RENOVATION

Attachment No. M-2-1 to
Addendum No. 1
Dated: December 12, 2012