



16 June 2016

MILITARY DEPARTMENT  
STATE of NEBRASKA  
LINCOLN, NEBRASKA

**NEBRASKA ARMY NATIONAL GUARD  
WAYNE RC SUSTAINMENT PROJECT**

at  
**Wayne Readiness Center  
800 East 7<sup>th</sup> Street  
Wayne, NE 68787**

**PROJECT NO. 31030138**

**ADDENDUM NO. 1**

The original specifications and drawings on the STATE OF NEBRASKA REQUEST for PROPOSAL FORM for the project noted above are amended as noted in this Addendum No. 1.

Receipt of this Addendum shall be acknowledged by inserting its number and date in the space provided on the Bid Form.

**ADDENDUM NO. 1**

NOTE TO ALL PLANHOLDERS: Please insert this Addendum into your copy of the Contract Documents for the above named project.

The following changes to the Contract Documents are issued by the CFMO-CMB and shall have the same force and affect as though a part of the original issue.

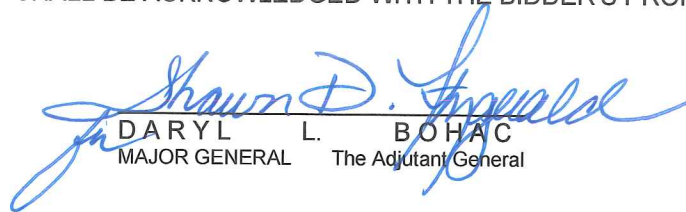
**THE RECEIPT DATE, TIME and LOCATION of the BID PROPOSAL submission HAVE NOT CHANGED.**

**ITEM NO.**

- ADD 1-1    **Pre-Bid Meeting Sign-In Sheet**  
Refer to the sign-in sheet, attached at the end of this addendum.
- ADD 1-2    **Project Manual**  
Door Hardware, section 087100.
- ADD 1-3    **Sheet C101 SITE PLAN**  
Miscellaneous notes revised on Site Plan, refer to sheet C101.
- ADD 1-4    **Sheet AD101 FIRST FLOOR - DEMOLITION PLAN**  
Add additional demolition notes to Demolition Plan, refer to sketch AD101.1.
- ADD 1-5    **Sheet A101 FIRST FLOOR – FLOOR PLAN**  
A. Remove demolition key notes from floor plan, refer to sketch A101.1.  
B. Add additional notes and elevation bubble to floor plan, refer to sketch A101.1.

- ADD 1-6     Sheet A102 ROOF PLAN  
Add additional notes to Roof Plan, refer to sheet A102.
- ADD 1-7     Sheet AS101 FIRST FLOOR – SIGNAGE PLAN  
Add additional notes Signage Plan, refer to sketch AS101.1.
- ADD 1-8     Sheet A201 MISC DETAILS  
Add additional photos to Misc. Details, refer to sheet A201.
- ADD 1-9     Sheet A601 SCHEDULES  
Revise schedules, refer to sheet A601.
- ADD 1-10    Sheet E1.1 ELECTRICAL PLANS  
Electrical Keynotes:  
Keynote 6; change reference for replacement pendant mounted luminaire to **LED** in lieu of fluorescent.
- ADD1-11    Sheet E6.1 ELECTRICAL SCHEDULES AND DETAILS  
Luminaire Schedule:  
**Luminaire Mark ‘A’** - Change the information under the headings for DESCRIPTION, MANUFACTURER, CATALOG NO., LIGHT SOURCE (QTY & TYPE), AND INPUT WATTS to the following:
- Description, LED HIGH BAY;
- Manufacturer, LITHONIA;
- Catalog No., IBH 18000LM SD080 MD MVOLT OZ10 40K 80CRI WH;
- Light Source, Qty. - ; Type, LED | 4000K | 17110 LM
- Input Watts, 146
- Luminaire Mark ‘B’** - Change the information under the headings for CATALOG NO., LIGHT SOURCE (QTY & TYPE), AND INPUT WATTS to the following:
- Catalog No., MS15FL-PP-DB-25L40K-SA;
- Light Source, Qty. - ; Type, LED | 4000K | 3260 LM
- Input Watts, 30
- Luminaire Mark ‘F’** - Change the information under the headings for LIGHT SOURCE (QTY & TYPE) to the following:
- Light Source, Qty. - ; Type, LED | 4000K | 16000 LM
- Subject to compliance with drawings, specifications, and shop drawing review, the following are acceptable manufacturers for luminaire types (marks) listed:
- A       REMARK 1 (under ‘LUMINAIRE SCHEDULE REMARKS:’)
- C, D     Gardco, Kim, McGraw Edison, Spaulding
- F        Gardco, Kim, McGraw Edison

THIS ADDENDUM SHALL BE ATTACHED TO AND MADE A PART OF THE DRAWINGS AND SPECIFICATIONS AND SHALL BE ACKNOWLEDGED WITH THE BIDDER'S PROPOSAL.

  
DARYL L. BOHAC  
MAJOR GENERAL The Adjutant General

End of Addendum No. 1



Attachments: Nine (9)

Pre-Bid Meeting Sign-In Sheet  
Section 087100 – Door Hardware  
Sheet C101  
Sketch AD101.1  
Sketch A101.1  
Sheet A102  
Sketch AS101.1  
Sheet A201  
Sheet A601



## SECTION 087100 – DOOR HARDWARE

## PART 1 - GENERAL

## 1.1 SUMMARY

- A. This Section includes commercial door hardware for the following:
  - 1. Swinging doors.
  - 2. Other doors to the extent indicated.
- B. Door hardware includes, but is not necessarily limited to, the following:
  - 1. Mechanical door hardware.
- C. Related Sections:
  - 1. Division 08 Section "Hollow Metal Doors and Frames".
- D. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.
  - 1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
  - 2. ICC/IBC - International Building Code.
  - 3. NFPA 70 - National Electrical Code.
  - 4. NFPA 80 - Fire Doors and Windows.
  - 5. NFPA 101 - Life Safety Code.
  - 6. NFPA 105 - Installation of Smoke Door Assemblies.
  - 7. State Building Codes, Local Amendments.
- E. Standards: All hardware specified herein shall comply with the following industry standards:
  - 1. ANSI/BHMA Certified Product Standards - A156 Series
  - 2. UL10C – Positive Pressure Fire Tests of Door Assemblies

## 1.2 SUBMITTALS

- A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.
- B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
  - 1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."

2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.
  3. Content: Include the following information:
    - a. Type, style, function, size, label, hand, and finish of each door hardware item.
    - b. Manufacturer of each item.
    - c. Fastenings and other pertinent information.
    - d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
    - e. Explanation of abbreviations, symbols, and codes contained in schedule.
    - f. Mounting locations for door hardware.
    - g. Door and frame sizes and materials.
    - h. Warranty information for each product.
  4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.
- C. Keying Schedule: After a keying meeting with the owner has taken place prepare a separate keying schedule detailing final instructions. Submit the keying schedule in electronic format. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner must approve submitted keying schedule prior to the ordering of permanent cylinders/cores.
- D. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Submittals.

### 1.3 QUALITY ASSURANCE

- A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum 5 years of documented experience in producing hardware and equipment similar to that indicated for this Project and that have a proven record of successful in-service performance.
- B. Installer Qualifications: A minimum 3 years documented experience installing both standard and electrified door hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
- C. Door Hardware Supplier Qualifications: Experienced commercial door hardware distributors with a minimum 5 years documented experience supplying both mechanical and electromechanical hardware installations comparable in material, design, and extent to that indicated for this Project. Supplier recognized as a factory direct distributor by the

manufacturers of the primary materials with a warehousing facility in Project's vicinity. Supplier to have on staff a certified Architectural Hardware Consultant (AHC) available during the course of the Work to consult with Contractor, Architect, and Owner concerning both standard and electromechanical door hardware and keying.

- D. Source Limitations: Obtain each type and variety of door hardware specified in this section from a single source unless otherwise indicated.
- E. Each unit to bear third party permanent label demonstrating compliance with the referenced standards.
- F. Keying Conference: Conduct conference to comply with requirements in Division 01 Section "Project Meetings." Keying conference to incorporate the following criteria into the final keying schedule document:
  - 1. Function of building, purpose of each area and degree of security required.
  - 2. Plans for existing and future key system expansion.
  - 3. Requirements for key control storage and software.
  - 4. Installation of permanent keys, cylinder cores and software.
  - 5. Address and requirements for delivery of keys.
- G. Pre-Submittal Conference: Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s), Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing door hardware.
  - 1. Prior to installation of door hardware, conduct a project specific training meeting to instruct the installing contractors' personnel on the proper installation and adjustment of their respective products. Product training to be attended by installers of door hardware (including electromechanical hardware) for aluminum, hollow metal and wood doors. Training will include the use of installation manuals, hardware schedules, templates and physical product samples as required.
  - 2. Review and finalize construction schedule and verify availability of materials.
  - 3. Review the required inspecting, testing, commissioning, and demonstration procedures.
- H. At completion of installation, provide written documentation that components were applied to manufacturer's instructions and recommendations and according to approved schedule.

#### 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.
- B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.
- C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".

## 1.5 COORDINATION

- A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing standard and electrified hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing hardware to comply with indicated requirements.
- B. Door and Frame Preparation: Doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.

## 1.6 WARRANTY

- A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.
- B. Warranty Period: Written warranty, executed by manufacturer(s), agreeing to repair or replace components of standard and electrified door hardware that fails in materials or workmanship within specified warranty period after final acceptance by the Owner. Failures include, but are not limited to, the following:
  - 1. Structural failures including excessive deflection, cracking, or breakage.
  - 2. Faulty operation of the hardware.
  - 3. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
  - 4. Electrical component defects and failures within the systems operation.
- C. Standard Warranty Period: One year from date of Substantial Completion, unless otherwise indicated.
- D. Special Warranty Periods:

## 1.7 MAINTENANCE SERVICE

- A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

## PART 2 - PRODUCTS

### 2.1 SCHEDULED DOOR HARDWARE

- A. General: Provide door hardware for each door to comply with requirements in Door Hardware Sets and each referenced section that products are to be supplied under.

- B. Designations: Requirements for quantity, item, size, finish or color, grade, function, and other distinctive qualities of each type of door hardware are indicated in the Door Hardware Sets at the end of Part 3. Products are identified by using door hardware designations, as follows:
- C. Named Manufacturer's Products: Product designation and manufacturer are listed for each door hardware type required for the purpose of establishing requirements. Manufacturers' names are abbreviated in the Door Hardware Schedule.
- D. Substitutions: Requests for substitution and product approval for inclusive mechanical and electromechanical door hardware in compliance with the specifications must be submitted in writing and in accordance with the procedures and time frames outlined in Division 01, Substitution Procedures. Approval of requests is at the discretion of the architect, owner, and their designated consultants.

## 2.2 CYLINDERS AND KEYING

- A. General: Cylinder manufacturer to have minimum (10) years' experience designing secured master key systems and have on record a published security keying system policy.
- B. Source Limitations: Obtain each type of keyed cylinder and keys from the same source manufacturer as locksets and exit devices, unless otherwise indicated.
- C. Cylinders: Original manufacturer cylinders complying with the following:
  - 1. Mortise Type: Threaded cylinders with rings and cams to suit hardware application.
  - 2. Rim Type: Cylinders with back plate, flat-type vertical or horizontal tailpiece, and raised trim ring.
  - 3. Bored-Lock Type: Cylinders with tailpieces to suit locks.
  - 4. Mortise and rim cylinder collars to be solid and recessed to allow the cylinder face to be flush and be free spinning with matching finishes.
  - 5. Keyway: Match Facility Restricted Keyway.
- D. Keying System: Each type of lock and cylinders to be factory keyed.
  - 1. Conduct specified "Keying Conference" to define and document keying system instructions and requirements.
  - 2. Furnish factory cut, nickel-silver large bow permanently inscribed with a visual key control number as directed by Owner.
  - 3. New System: Key locks and cores to a new key system as directed by the Owner.
- E. Key Quantity: Provide the following minimum number of keys:
  - 1. Change Keys per Cylinder: Two (2)
  - 2. Master Keys (per Master Key Level/Group): Five (5).
- F. Key Registration List (Bitting List):
  - 1. Provide keying transcript list to Owner's representative in the proper format for importing into key control software.
  - 2. Provide transcript list in writing or electronic file as directed by the Owner.

## 2.3 MECHANICAL LOCKS AND LATCHING DEVICES

- A. Cylindrical Locksets, Grade 1 (Heavy Duty): ANSI/BHMA A156.2, Series 4000, Grade 1 certified.
1. Furnish with solid cast levers, standard 2 3/4" backset, and 1/2" (3/4" at rated paired openings) throw brass or stainless steel latchbolt.
  2. Locks are to be non-handed and fully field reversible.
  3. Acceptable Manufacturers:
    - a. Corbin Russwin Hardware (RU) – CL3300 Series.
    - b. No Substitution.

## 2.4 LOCK AND LATCH STRIKES

- A. Strikes: Provide manufacturer's standard strike with strike box for each latch or lock bolt, with curved lip extended to protect frame, finished to match door hardware set, unless otherwise indicated, and as follows:
1. Flat-Lip Strikes: For locks with three-piece antifriction latchbolts, as recommended by manufacturer.
  2. Extra-Long-Lip Strikes: For locks used on frames with applied wood casing trim.
  3. Aluminum-Frame Strike Box: Provide manufacturer's special strike box fabricated for aluminum framing.
  4. Double-lipped strikes: For locks at double acting doors. Furnish with retractable stop for rescue hardware applications.
- B. Standards: Comply with the following:
1. Strikes for Mortise Locks and Latches: BHMA A156.13.
  2. Strikes for Bored Locks and Latches: BHMA A156.2.
  3. Strikes for Auxiliary Deadlocks: BHMA A156.5.
  4. Dustproof Strikes: BHMA A156.16.

## 2.5 DOOR CLOSERS

- A. All door closers specified herein shall meet or exceed the following criteria:
1. General: Door closers to be from one manufacturer, matching in design and style, with the same type door preparations and templates regardless of application or spring size. Closers to be non-handed with full sized covers including installation and adjusting information on inside of cover.
  2. Standards: Closers to comply with UL-10C for Positive Pressure Fire Test and be U.L. listed for use of fire rated doors.

3. Size of Units: Comply with manufacturer's written recommendations for sizing of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Where closers are indicated for doors required to be accessible to the physically handicapped, provide units complying with ANSI ICC/A117.1.
  4. Closer Arms: Provide heavy duty, forged steel closer arms unless otherwise indicated in Hardware Sets.
  5. Closers shall not be installed on exterior or corridor side of doors; where possible install closers on door for optimum aesthetics.
  6. Closer Accessories: Provide door closer accessories including custom templates, special mounting brackets, spacers and drop plates, and through-bolt and security type fasteners as required for proper installation.
- B. Door Closers, Surface Mounted (Large Body Cast Iron): ANSI/BHMA A156.4, Grade 1 surface mounted, heavy duty door closers with complete spring power adjustment, sizes 1 thru 6; and fully operational adjustable according to door size, frequency of use, and opening force. Closers to be rack and pinion type, one piece cast iron body construction, with adjustable backcheck and separate non-critical valves for closing sweep and latch speed control.
1. Acceptable Manufacturers:
    - a. LCN Closers (LC) - 4040XP Series.
    - b. Norton Door Controls (NO) – 9500 Series.
    - c. Sargent Manufacturing (SA) - 281 Series.

## 2.6 ARCHITECTURAL SEALS

- A. General: Thresholds, weatherstripping, and gasket seals to be of type and design as specified below or in the Hardware Sets. Provide continuous weatherstrip gasketing on exterior doors and provide smoke, light, or sound gasketing on interior doors where indicated. At exterior applications provide non-corrosive fasteners and elsewhere where indicated.
- B. Smoke Labeled Gasketing: Assemblies complying with NFPA 105 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for smoke control ratings indicated, based on testing according to UL 1784.
  1. Provide smoke labeled perimeter gasketing at all smoke labeled openings.
- C. Fire Labeled Gasketing: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to UL-10C.
  1. Provide intumescent seals as indicated to meet UL10C Standard for Positive Pressure Fire Tests of Door Assemblies, and UBC 7-2, Fire Tests of Door Assemblies.
- D. Sound-Rated Gasketing: Assemblies that are listed and labeled by a testing and inspecting agency, for sound ratings indicated.

- E. Replaceable Seal Strips: Provide only those units where resilient or flexible seal strips are easily replaceable and readily available from stocks maintained by manufacturer.
- F. Acceptable Manufacturers:
  - 1. National Guard Products (NG).
  - 2. Pemko Manufacturing (PE).
  - 3. Reese Enterprises, Inc. (RE).

## 2.7 FABRICATION

- A. Fasteners: Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to manufacturers recognized installation standards for application intended.

## 2.8 FINISHES

- A. Standard: Designations used in the Hardware Sets and elsewhere indicate hardware finishes complying with ANSI/BHMA A156.18, including coordination with traditional U.S. finishes indicated by certain manufacturers for their products.
- B. Provide quality of finish, including thickness of plating or coating (if any), composition, hardness, and other qualities complying with manufacturer's standards, but in no case less than specified by referenced standards for the applicable units of hardware.
- C. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine scheduled openings, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.
- B. Notify architect of any discrepancies or conflicts between the door schedule, door types, drawings and scheduled hardware. Proceed only after such discrepancies or conflicts have been resolved in writing.

### 3.2 PREPARATION

- A. Hollow Metal Doors and Frames: Comply with ANSI/DHI A115 series.
- B. Wood Doors: Comply with ANSI/DHI A115-W series.

### 3.3 INSTALLATION

- A. Install each item of mechanical and electromechanical hardware and access control equipment to comply with manufacturer's written instructions and according to specifications.
  - 1. Installers are to be trained and certified by the manufacturer on the proper installation and adjustment of fire, life safety, and security products including: hanging devices; locking devices; closing devices; and seals.
- B. Mounting Heights: Mount door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:
  - 1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
  - 2. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
  - 3. Where indicated to comply with accessibility requirements, comply with ANSI A117.1 "Accessibility Guidelines for Buildings and Facilities."
  - 4. Provide blocking in drywall partitions where wall stops or other wall mounted hardware is located.
- C. Retrofitting: Install door hardware to comply with manufacturer's published templates and written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 9 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.
- D. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 7 Section "Joint Sealants."
- E. Storage: Provide a secure lock up for hardware delivered to the project but not yet installed. Control the handling and installation of hardware items so that the completion of the work will not be delayed by hardware losses before and after installation.

### 3.4 FIELD QUALITY CONTROL

- A. Field Inspection: Supplier will perform a final inspection of installed door hardware and state in report whether work complies with or deviates from requirements, including whether door hardware is properly installed, operating and adjusted.

### 3.5 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.

### 3.6 CLEANING AND PROTECTION

- A. Protect all hardware stored on construction site in a covered and dry place. Protect exposed hardware installed on doors during the construction phase. Install any and all hardware at the latest possible time frame.
- B. Clean adjacent surfaces soiled by door hardware installation.
- C. Clean operating items as necessary to restore proper finish. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of owner occupancy.

### 3.7 DEMONSTRATION

- A. Instruct Owner's maintenance personnel to adjust, operate, and maintain mechanical and electromechanical door hardware.

### 3.8 DOOR HARDWARE SETS

- A. The hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.
- B. Manufacturer's Abbreviations:

1. RU - Corbin Russwin
2. NO - Norton
3. PE - Pemko
4. OT - By Others

### **Hardware Schedule**

#### **Set: 1.0**

Doors: 100, 101.1, 102, 102A, 103, 109A, 111, 116, 120, 129, 130, 131, 132, 132A, 201

1 SFIC (core only)	8500 AP CRxx 7P (Access3 Keyway)	626	RU
1 Existing Door, Frame & Hardware	Hardware to remain unless listed as new		OT

Notes:

\*Furnish new SFIC cylinder core in keyway to match other locks for owner's installation.

\*Verify if existing cylinder housing will accept specified core.

#### **Set: 2.0**

Doors: 106

1 SFIC (core only)	8500 AP CRxx 7P (Access3 Keyway)	626	RU
2 Surface Closer	UNI9500 DA SN-134	689	NO
1 Aluminum Frame Weatherstrip	New perimeter weatherstrip		OT
1 Aluminum Door Astragal	New brush astragal		OT

Notes:

\*Remainder of existing hardware to remain.

**Set: 3.0**

Doors: 102B

1 SFIC (core only)	8500 AP CRxx 7P (Access3 Keyway)	626	RU
1 Gasketing	294AV TKSP8		PE
1 Sweep	345ANB TKSP8		PE

Notes:

\*Remainder of existing hardware to remain.

**Set: 4.0**

Doors: 105, 113, 126

1 Cylindrical Lock (classroom)	CL3355 NZD CRxx 7P (Access3 Keyway)	626	RU
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Notes:

\*Remainder of existing hardware to remain.

\*See notes on door schedule for door 126. Verify existing hinge size and locations and prepare door and frame as required.

**Set: 5.0**

Doors: 101.1B, 104, 105A, 119, 125, 129A

1 Cylindrical Lock (storeroom)	CL3357 NZD CRxx 7P (Access3 Keyway)	626	RU
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Notes: \*Remainder of existing hardware to remain.

**Set: 6.0**

Doors: 107, 109, 112, 112A, 114

1 Cylindrical Lock (office)	CL3351 NZD CRxx 7P (Access3 keyway)	626	RU
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Notes:

\*Remainder of existing hardware to remain.

**Set: 7.0**

Doors: 101, 101.1A, 101A, 101B

1 Overhead Door Weatherstripping	New at Head & Jambs		OT
1 Obstruction Detection System	By overhead door system supplier		OT
1 Existing Door, Frame & Hardware	Hardware to remain unless listed as new		OT

## Notes:

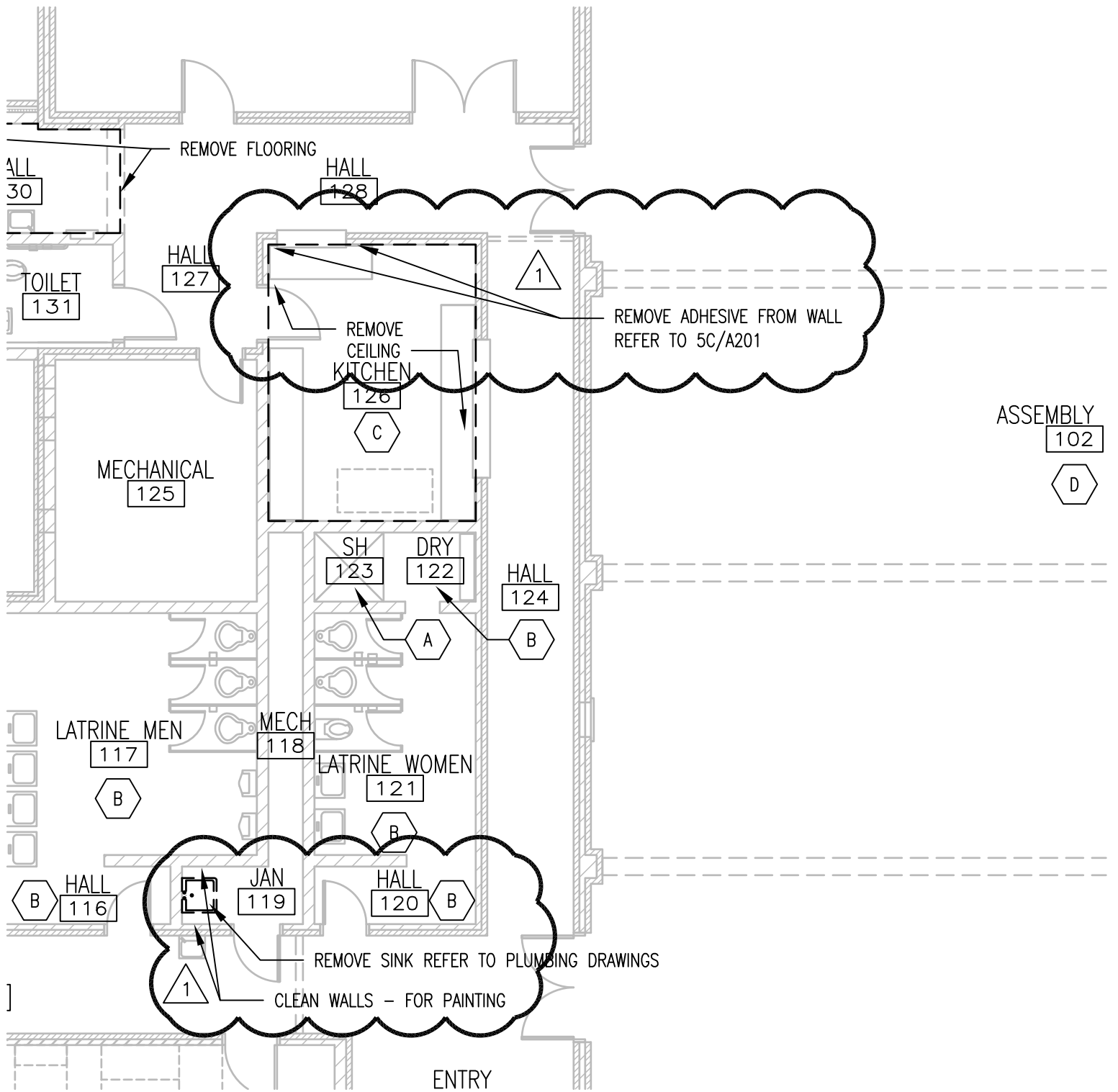
\*Existing overhead sectional door system and hardware to remain. Existing electrified operation system to be updated by overhead door system supplier with security obstruction detection system for automatic reverse and system override.

\*Weatherstripping provided only for doors 101A, 101.1A and 101B

<b>Mark</b>	<b>Hardware</b>				
		104	5.0	116	1.0
100	1.0	105	4.0	119	5.0
101	7.0	105A	5.0	120	1.0
101.1	1.0	106	2.0	125	5.0
101.1A	7.0	107	6.0	126	4.0
101.1B	5.0	109	6.0	129	1.0
101A	7.0	109A	1.0	129A	5.0
101B	7.0	111	1.0	130	1.0
102	1.0	112	6.0	131	1.0
102A	1.0	112A	6.0	132	1.0
102B	3.0	113	4.0	132A	1.0
103	1.0	114	6.0	201	1.0

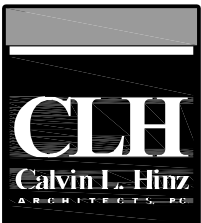
END OF SECTION 087100





# FIRST FLOOR – DEMOLITION PLAN

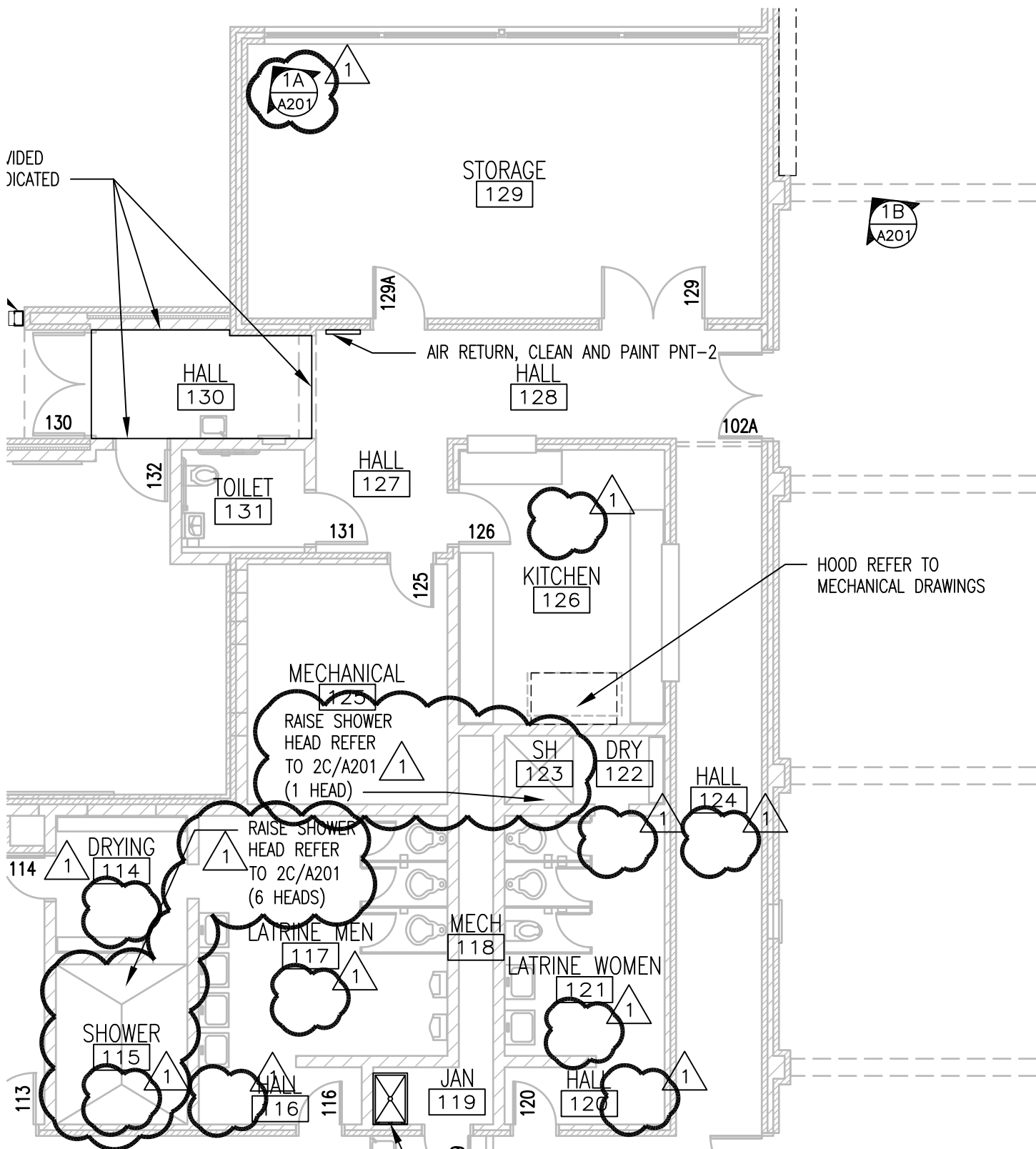
SCALE: 1/8" = 1'-0"



Project Title	NEBRASKA NATIONAL GUARD WAYNE SUSTAINMENT
Sheet Title	FIRST FLOOR – DEMOLITION PLAN

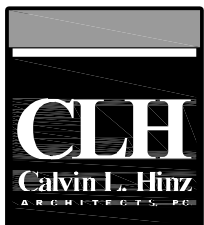
Project Number	2014-20
Project Manager	B. RYCKMAN
Date	16JUN16

Reference Sheet	AD101
Reference Document	ADDENDUM 1
Sketch Number	AD101.1



# FIRST FLOOR – FLOOR PLAN

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

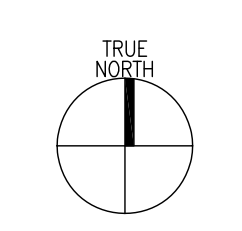
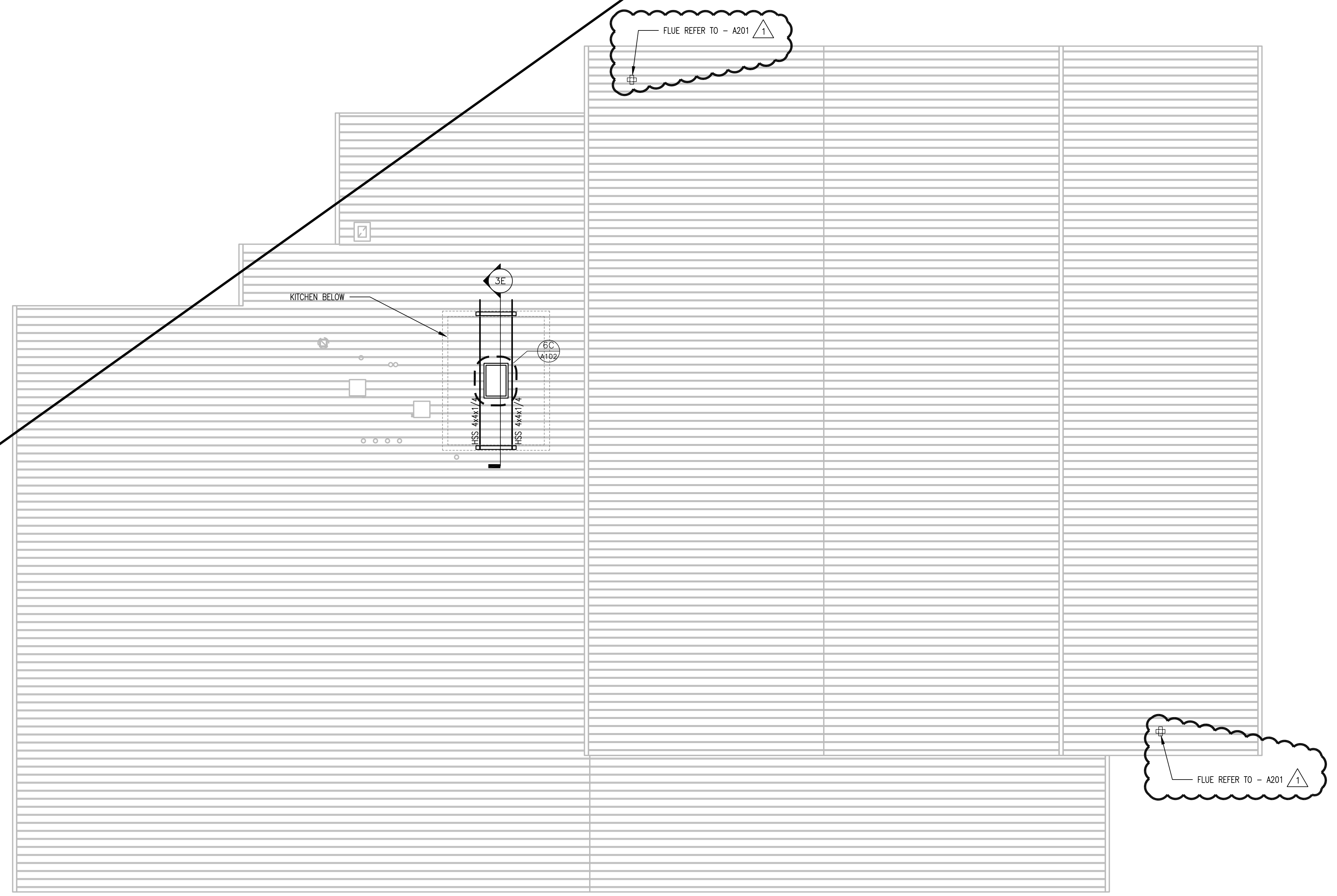
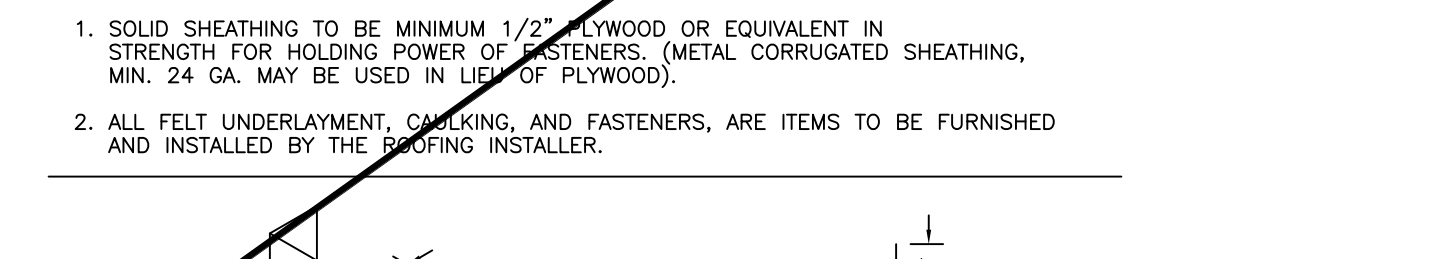
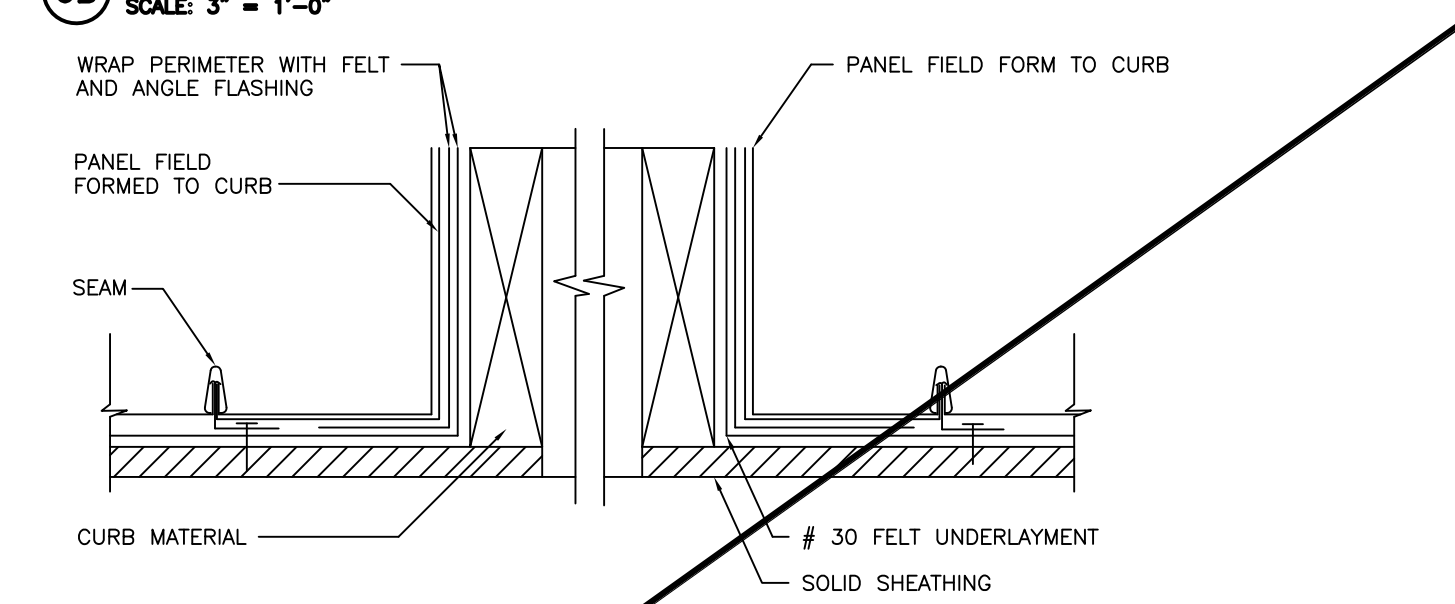
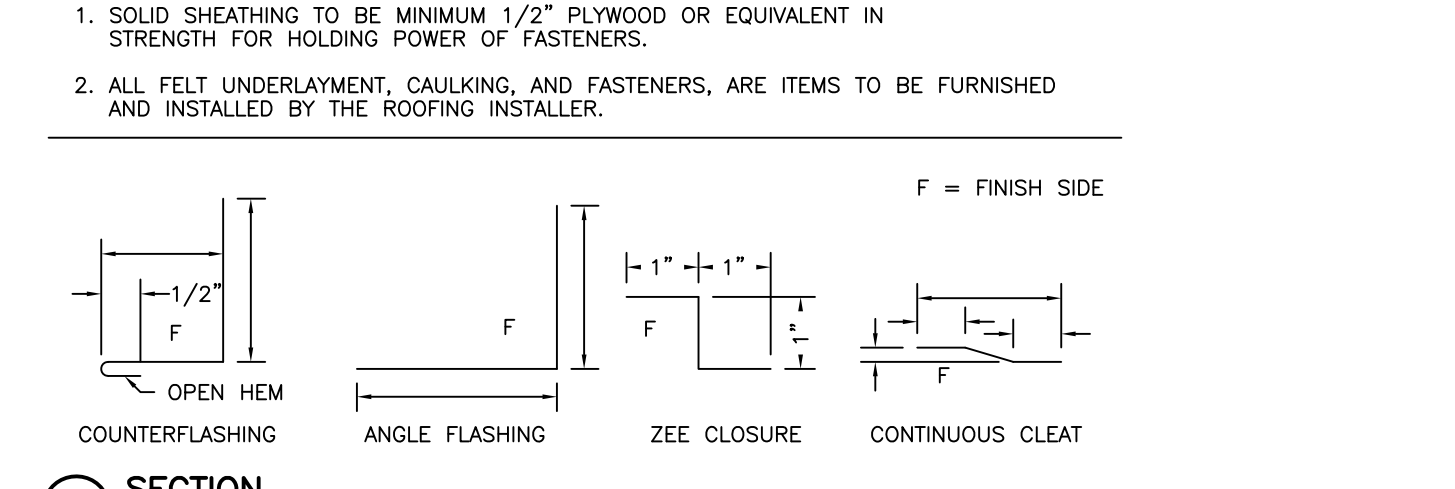
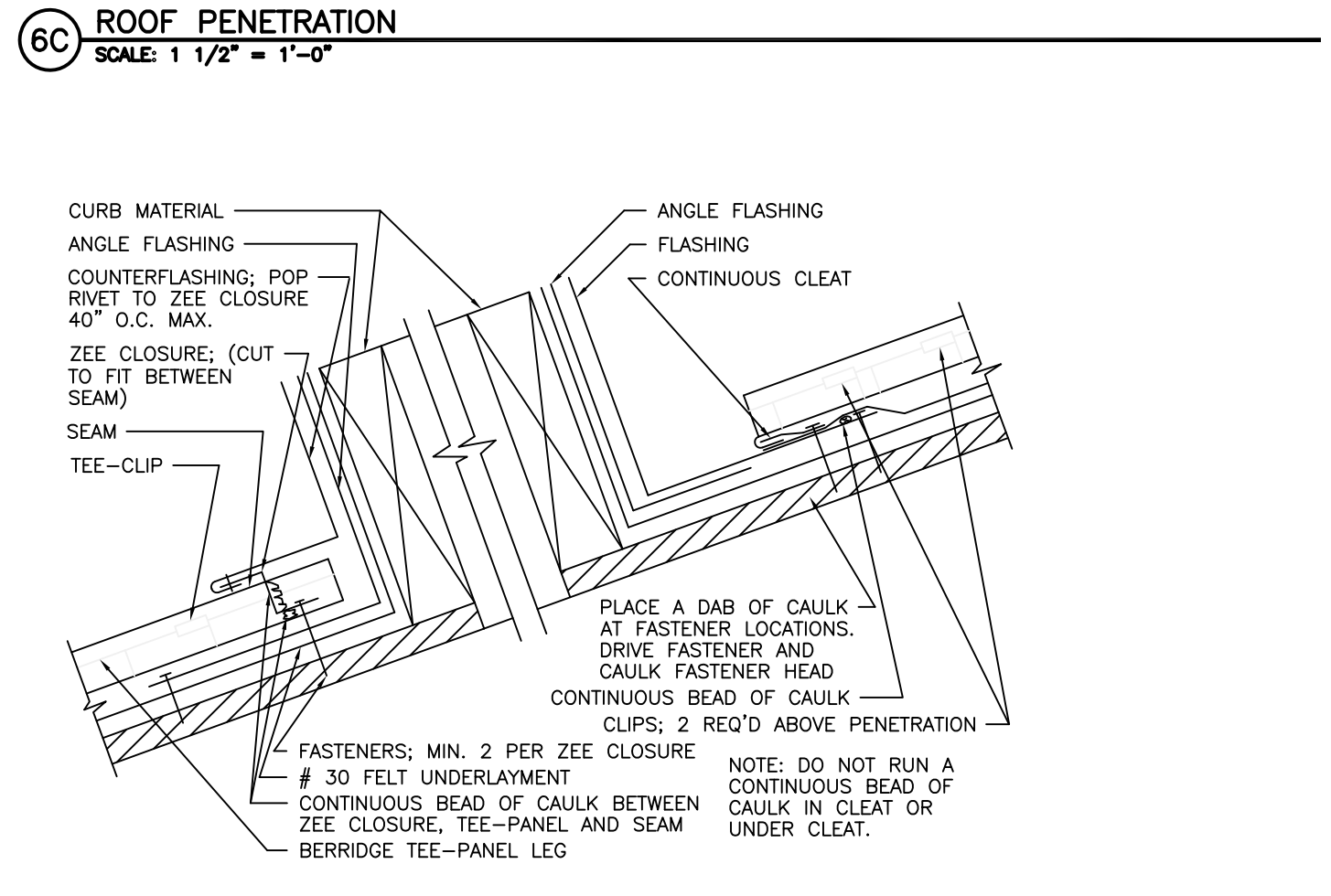
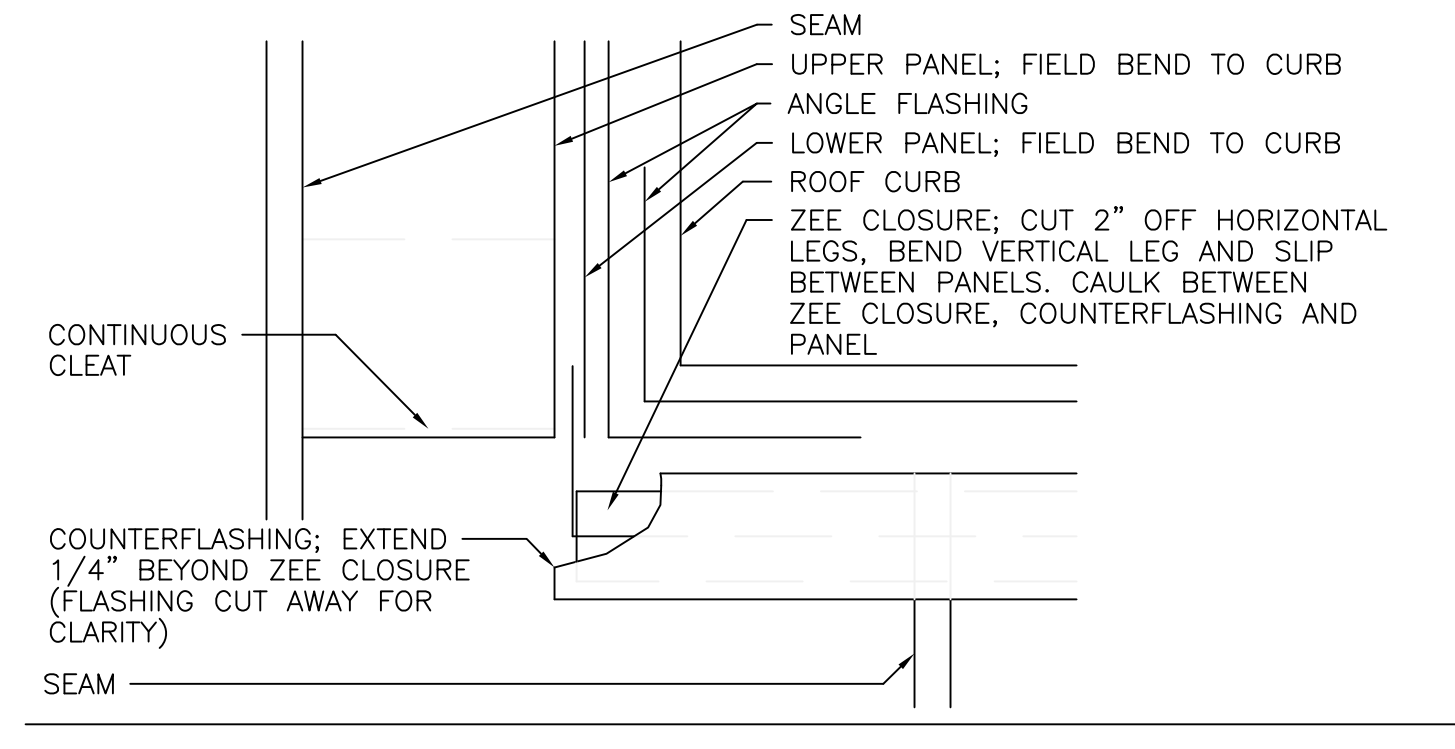
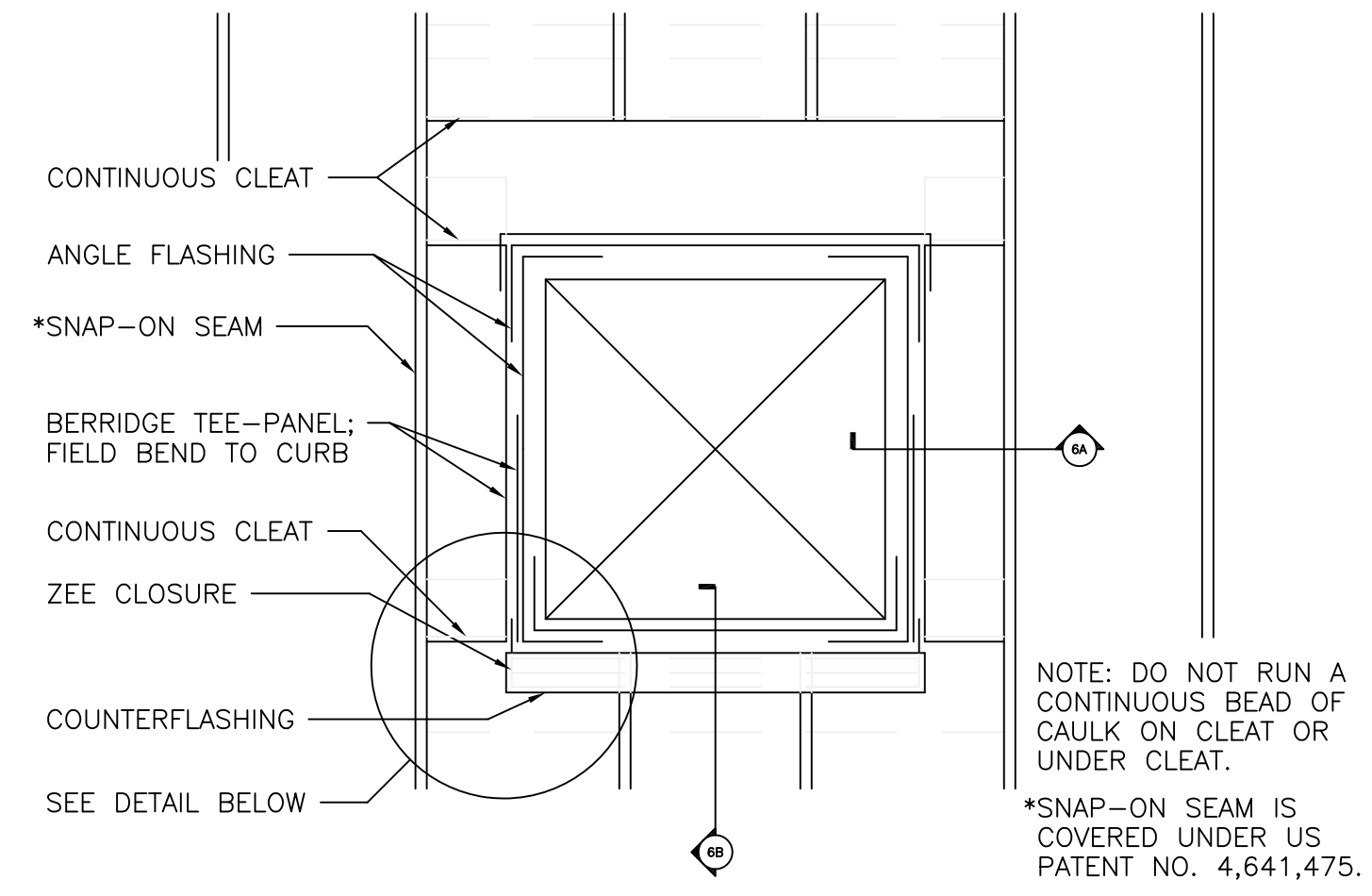
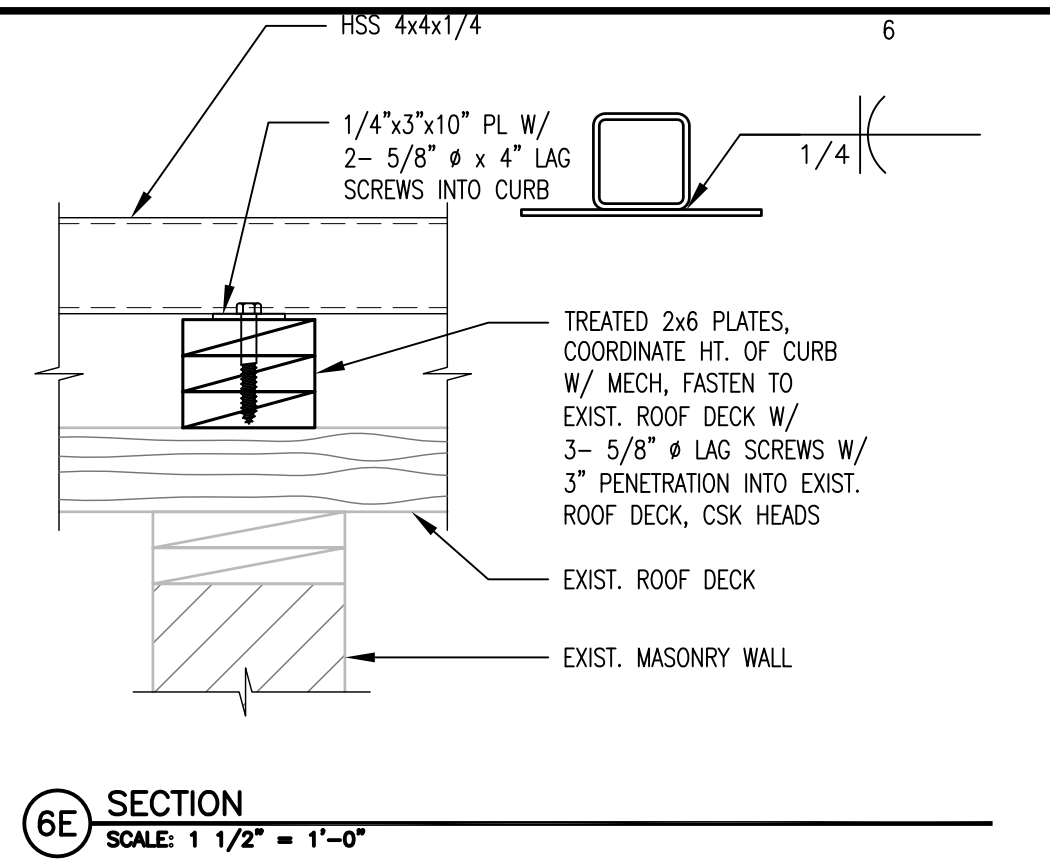
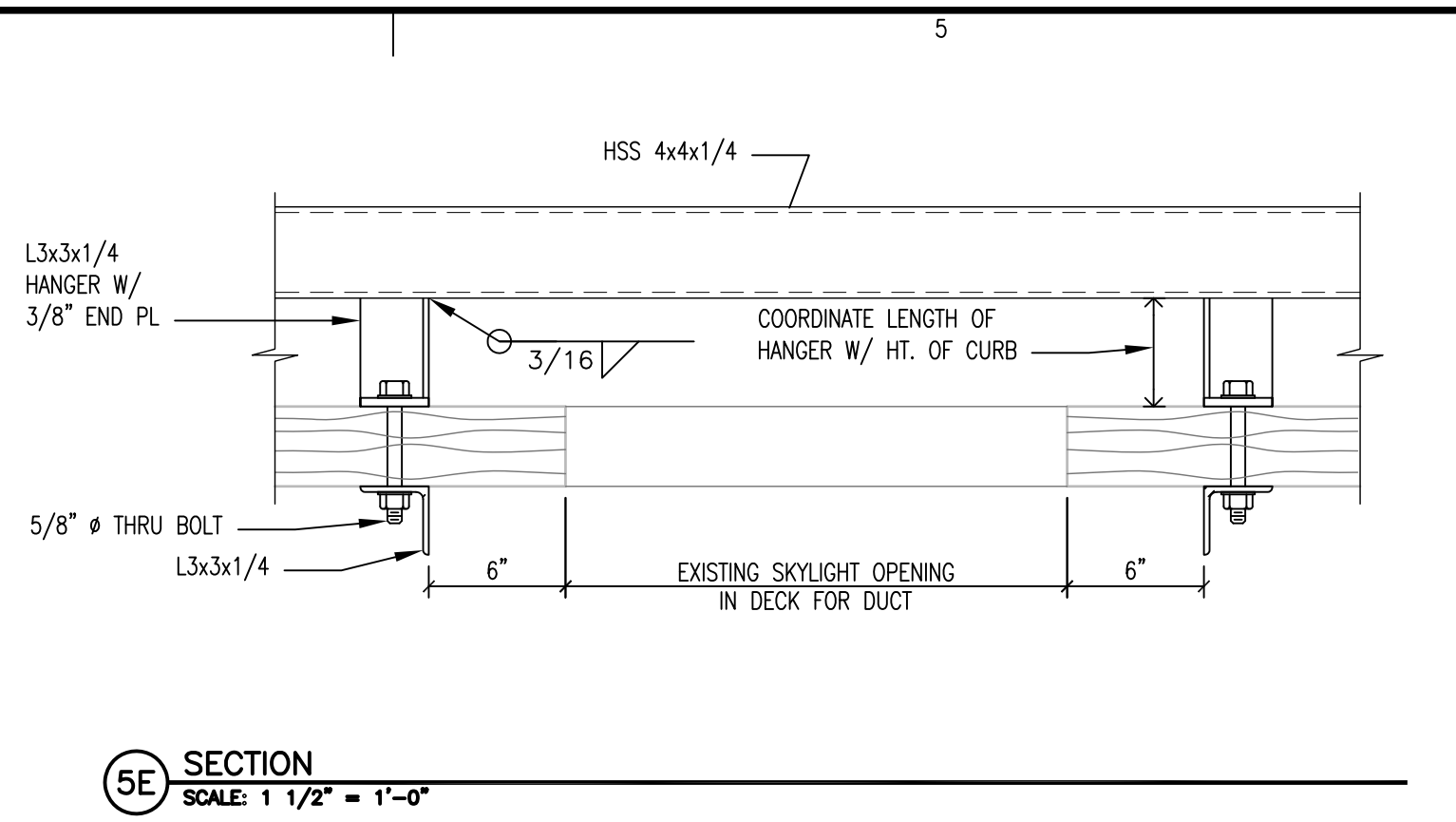
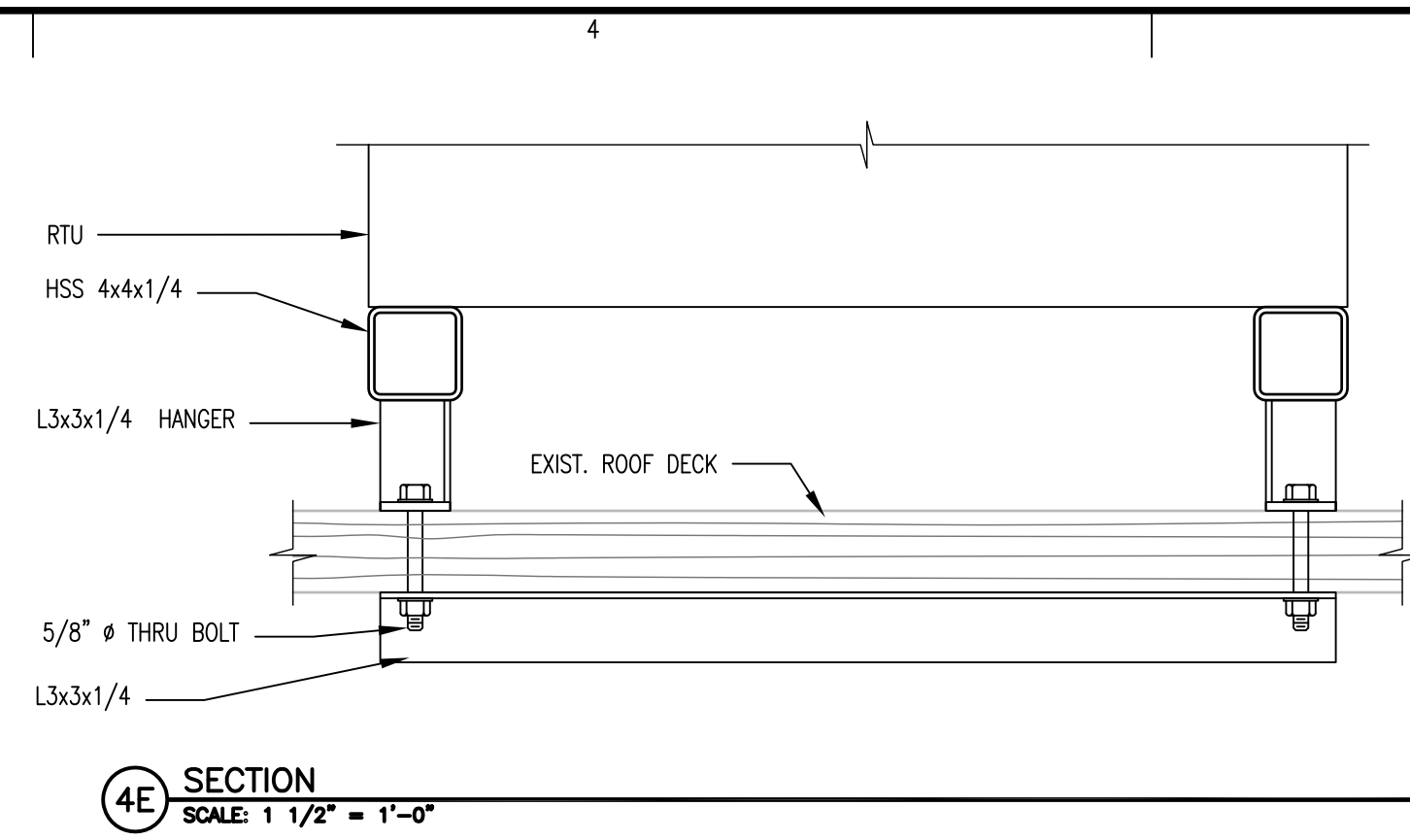
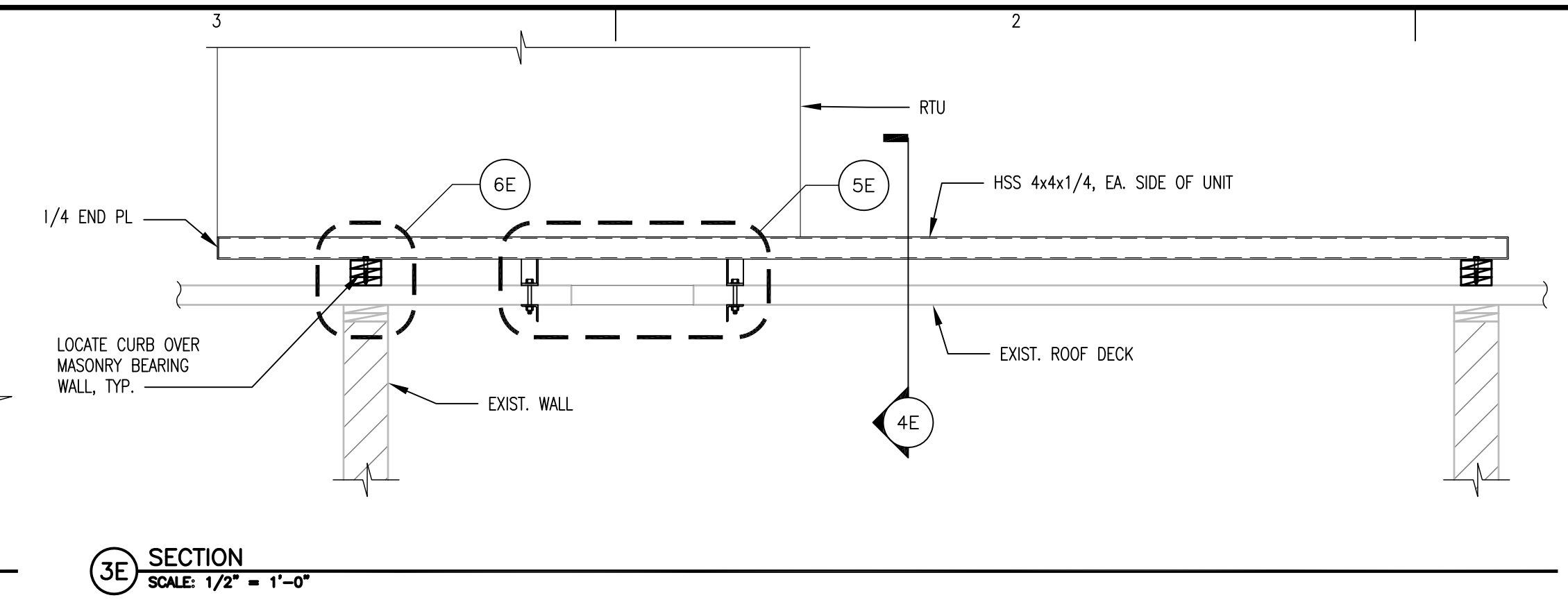


Project Title	NEBRASKA NATIONAL GUARD WAYNE SUSTAINMENT
Sheet Title	FIRST FLOOR – FLOOR PLAN

Project Number	2014-20
Project Manager	B. RYCKMAN
Date	16JUN16

Reference Sheet	A101
Reference Document	ADDENDUM 1
Sketch Number	A101.1

- GENERAL NOTES:
1. ALL NEW CONSTRUCTION IS INDICATED BOLD OR FULL TONE.
  2. ALL EXISTING CONSTRUCTION, CABINETWORK, EQUIPMENT, ETC. TO REMAIN IS INDICATED LIGHT OR HALF TONE.
  3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
  4. ROOM FINISH SCHEDULE, REFER TO SHEET A201
  5. DOOR SCHEDULE, REFER TO SHEET A201
  6. COLOR SCHEDULE, REFER TO SHEET A201.



three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
one quarter inch = one foot  
three eighths inch = one foot  
one eighth inch = one foot

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SIGNAGE

SIGN (BACKGROUND) COLOR – SW CHESTNUT BRONZE

COPY (TEXT) COLOR – TAN

CORNERS – SQUARE

MOUNTING – DOUBLE SIDED TAPE

COPY FONT – HELVETICA MEDIUM (SWISS 721 BT)

COPY HEIGHT – 3/4" NUMBERS, 5/8" COPY, 3 1/2" SYMBOL

COPY UPPER/LOWER – UPPER

JUSTIFIED – CENTERED/RIGHT

MATERIAL – ACRYLIC RASTER

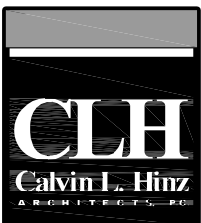
MOUNTING – DOUBLE STICK TAPE

TEXT COLOR: PARCHMENT

BACKGROUND CLOR: DRIFTWOOD



BASIS OF DESIGN: ROMARK ADA ALTERNATIVE SUBSTRATE AND APPLIQUE'



Project Title	NEBRASKA NATIONAL GUARD WAYNE SUSTAINMENT
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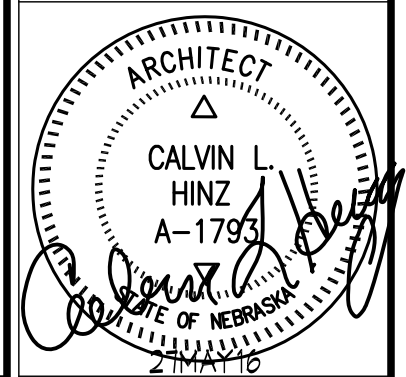
NO.	DATE	DESCRIPTION
1	12/16/16	ADDITIONAL 1

**FARRIS ENGINEERING**  
CIVIL / STRUCTURAL / ELECTRICAL / MECHANICAL  
142109  
farris-eng.com

**NEBRASKA NATIONAL GUARD**  
31030138  
Wayne RC Sustainment  
800 East 7th St., Wayne, Nebraska 68787

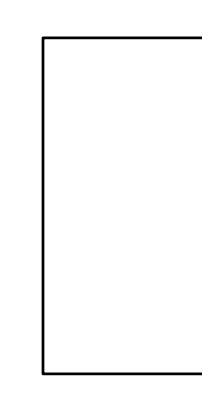
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DATE: 27 MAY 2016  
DRAWN BY: R.J.R.  
APPROVED BY: C.L.H.  
PROJECT NO: 2014-20  
Calvin L. Hinz is the Coordinating Professional



MISC DETAILS

**CLH**  
Calvin L. Hinz  
ARCHITECTS, P.C.



(A) FLUSH  
INTERIOR DOOR TYPES  
NOT TO SCALE



(1C) ELEVATION  
SCALE: N.T.S.  
PROVIDE HINGE BLANK



REMOVE RUST / SCUFF PAINT TO RECEIVE FRESH PAINT  
PAINT SIGN AND POST IN THEIR ENTIRETY



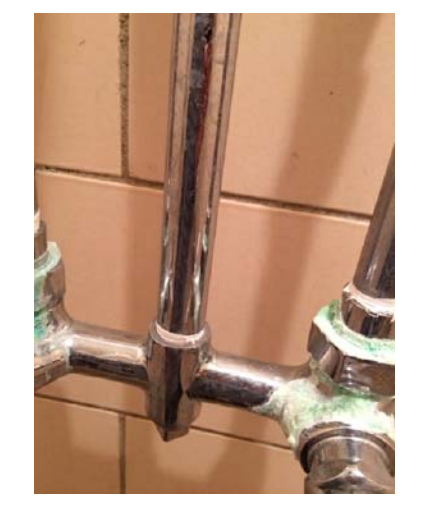
(3D) DETAIL  
SCALE: 1 1/2" = 1'-0"



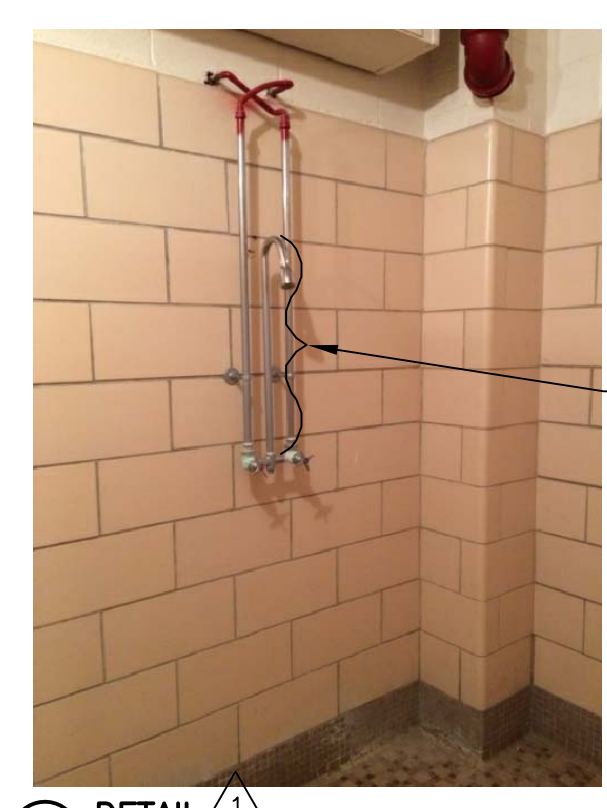
REMOVE RUST / SCUFF PAINT TO RECEIVE FRESH PAINT  
PAINT SIGN AND POST IN THEIR ENTIRETY



(4D) DETAIL  
SCALE: 1 1/2" = 1'-0"



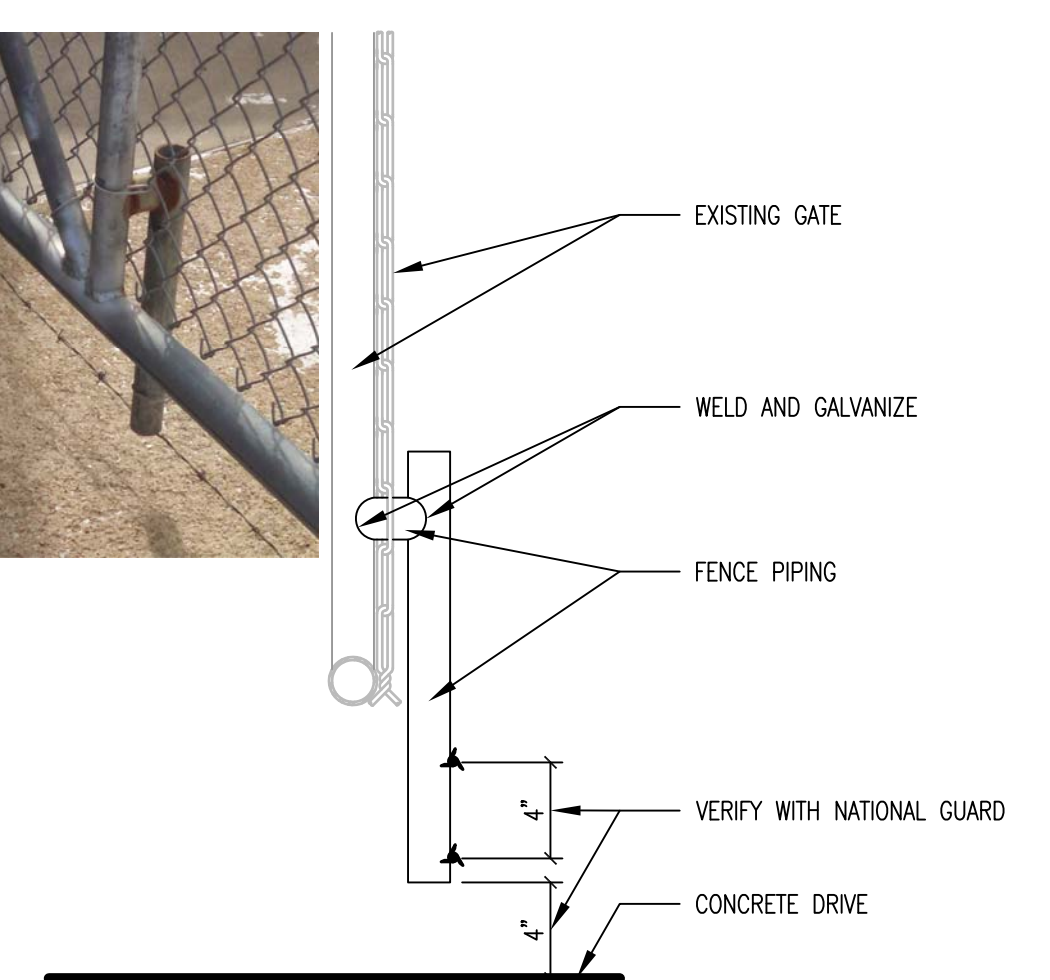
RAISE SHOWER HEAD 6" SECURE TOP TO ADJACENT PIPING WITH STAINLESS STEEL STRAPPING



(2C) DETAIL  
SCALE: 1 1/2" = 1'-0"



ADJUST FLUE TO BE PLUMB AND SECURE  
VERIFY ALL ATTACHMENTS ARE PROPERLY SECURED



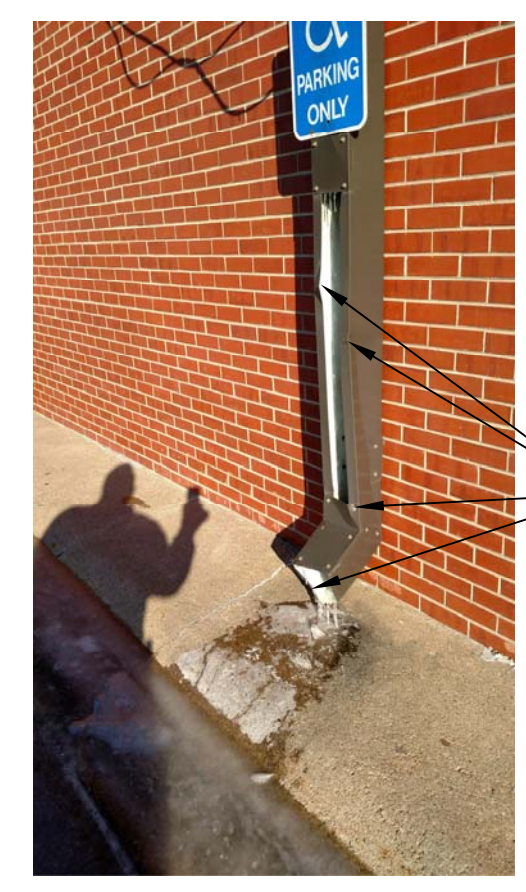
(3B) DETAIL  
SCALE: 1 1/2" = 1'-0"



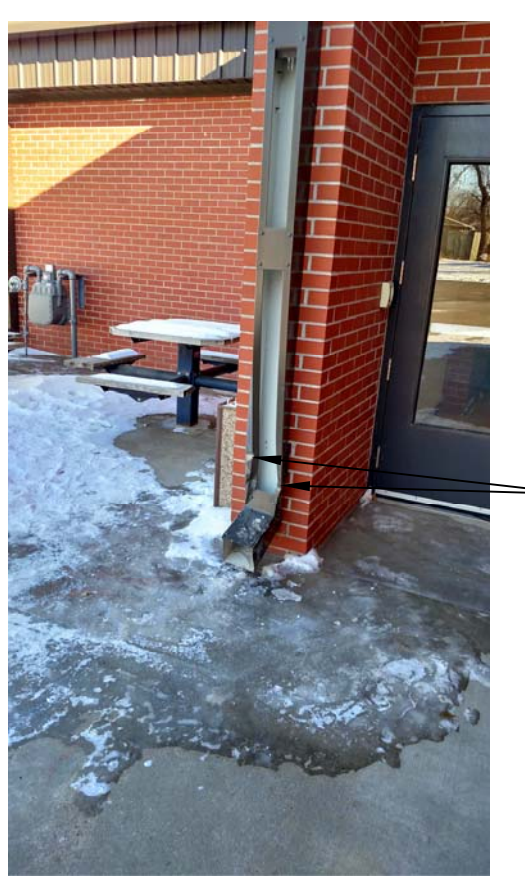
(2B) DETAIL  
SCALE: N.T.S.  
1. REPAIR EXISTING SIGN. REPLACE PLYWOOD INSERT WITH 3/4" PVC SHEET.  
2. PROVIDE TOP 'U' SHAPED CLOSURE.  
3. SIGN SIZE APPROX 4'x3'.



(1B) ELEVATION  
SCALE: N.T.S.  
1. REMOVE SHELF AND REPLACE WOOD. PAINT PNT-1.  
2. REPLACE ALL WALL BRACKETS WITH LUDO DESIGNS 8150 AND SECURE TO WALL. STRAIGHTEN ROD.  
3. STRAIGHTEN ROD.



(2A) ELEVATION  
SCALE: N.T.S.  
REPLACE DOWNSPOUT - MATCH EXISTING



(3A) ELEVATION  
SCALE: N.T.S.  
REPLACE DOWNSPOUT - MATCH EXISTING



(1A) ELEVATION  
SCALE: N.T.S.  
NORTHWEST CORNER OF STORAGE ROOM 129



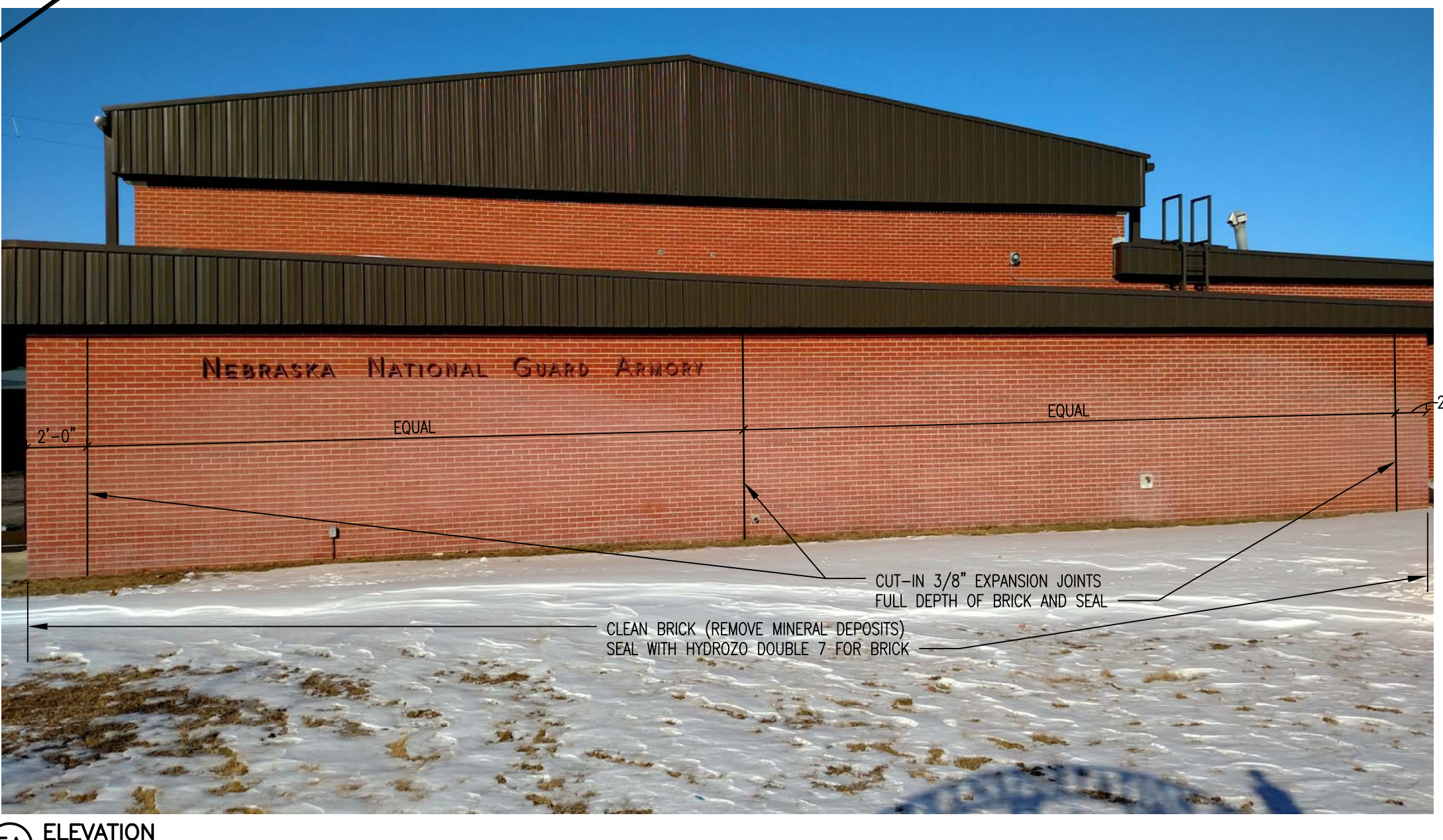
(5D) DETAIL  
SCALE: N.T.S.  
MATCH EXISTING



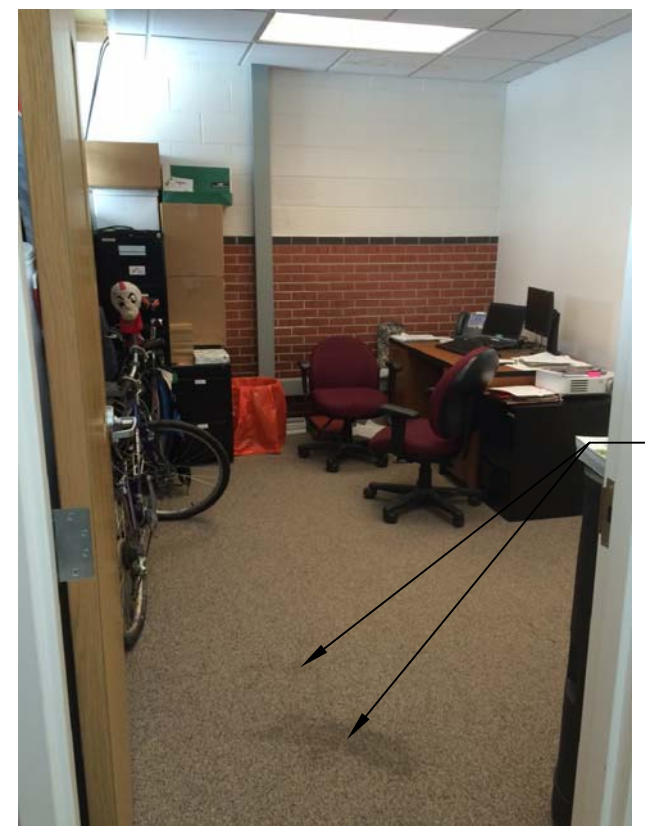
(5C) ELEVATION  
SCALE: N.T.S.  
CLEAN ADHESIVE FROM WALL



(5B) ELEVATION  
SCALE: N.T.S.



(5A) ELEVATION  
SCALE: N.T.S.  
CLEAN BRICK (REMOVE MINERAL DEPOSITS). SEAL WITH HYDROZO DOUBLE 7 FOR BRICK.  
CUT-IN 3/8" EXPANSION JOINTS FULL DEPTH OF BRICK AND SEAL



(6D) DETAIL  
SCALE: N.T.S.  
STAIN

PATCHING CRACKS IN BRICK MASONRY

PART 1---GENERAL

1.01 SUMMARY  
A. This procedure includes guidance on repairing cracks or infilling small holes in brick masonry using a cementitious patching material.

PART 2---PRODUCTS

2.01 MANUFACTURERS  
A. John Restoration Techniques and Research  
Cathedral Stone Company  
2505 Reed Street, NE  
Washington, DC 20018  
B. Edison Chemical Systems, Inc.  
25 Grant Street  
Waterbury, CT 06704  
203/597-9727

2.02 MATERIALS

A. Cementitious patching material such as "M70 Stone Restoration Mortar" (John Restoration), "Custom System 45" (Edison Chemical Systems), or approved equal.  
B. Clean, soft cloths  
C. Clean, potable water

2.03 EQUIPMENT

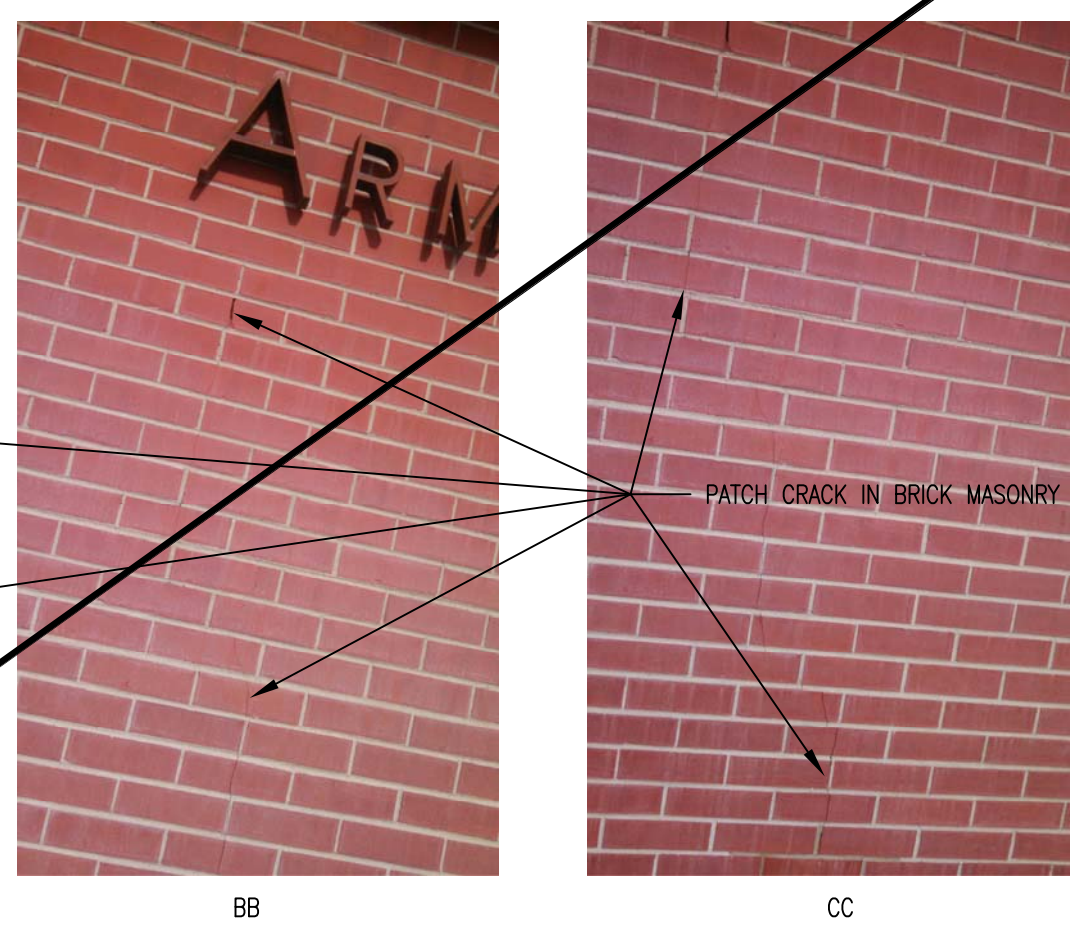
A. Stiff natural bristle brushes  
B. Trowel  
C. Chisel  
D. Hammer  
E. Putty knife

PART 3---EXECUTION

3.01 ERECTION, INSTALLATION, APPLICATION

A. Remove all loose materials from cracked brickwork.  
B. Widen crack to 1/8" wide and grout crack and any voids with a cementitious grout that is color matched to clean brick. The grout should be compatible in texture and porosity to the adjacent masonry. Tape joint to provide a clean neat finished appearance.  
C. Severely cracked brick associated with displaced masonry should be dismantled. Probe interior conditions and repair following an engineer's evaluation. Rebuild brickwork to match existing bonding patterns and use salvaged brick where possible and new brick to match existing color, texture and porosity.

END OF SECTION



(6A) ELEVATION  
SCALE: N.T.S.  
PATCH CRACK IN BRICK MASONRY

three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
one half inch = one foot  
three quarters inch = one foot  
one inch = one foot  
one and one half inches = one foot  
two inches = one foot  
three inches = one foot  
four inches = one foot  
five inches = one foot  
six inches = one foot  
seven inches = one foot  
eight inches = one foot  
nine inches = one foot  
ten inches = one foot  
eleven inches = one foot  
twelve inches = one foot

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