



ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

## ADDENDUM

**PROJECT:** State of Nebraska  
Grand Island Veteran's Home  
WWII / Phillips Building  
Mechanical, Electrical, and ADA Upgrades  
Grand Island, Nebraska

### ADDENDUM NUMBER

AD-3

### ISSUED BY:

Wynn Mehlhaff, Architect  
 Jim Luedke, Structural Engineer  
 Dave Roberts, Mechanical Engineer  
 Corry Jones, Electrical Engineer

**PROJECT #:** 08-0059

**DATE ISSUED:** Thursday, January 26, 2012

*This addendum is issued by the Architect to all known bidders before receipt of proposals, for the purpose of explaining, interpreting, or modifying the original plans and specifications. When enumerated by the bidder upon the proposal sheet, the information or instructions given hereon will be equally binding upon all parties as if included in the original plans and specifications.*

**BIDDER MUST ENTER THE NUMBER OF THIS ADDENDUM ON HIS PROPOSAL SHEET**

### THE FOLLOWING ITEMS ARE APPLICABLE TO THE SPECIFICATIONS:

#### AD-3, ITEM 1:

See attached sheets for sign in list of Pre Bid Meeting.

#### AD-3, ITEM 2:

*In reference to the Notice to Bidders*, first paragraph shall be revised to read as follows:

The State of Nebraska, Department of Administrative Services will receive sealed proposals for mechanical, electrical, and ADA upgrade work for the Grand Island Veteran's Home, WWII and Phillips Building located in Grand Island, Nebraska. Proposals shall be delivered to the State of Nebraska, State Building Division, 521 South 14<sup>th</sup> Street, ~~Suite 400~~, **5<sup>th</sup> Floor Conference Room**, Lincoln, Nebraska no later than 2:00 p.m., C.S.T., Thursday, February 2, 2012. Proposals will be opened in the 5<sup>th</sup> Floor Conference Room of the Executive Building located at 521 South 14<sup>th</sup> Street.

**AD-3, ITEM 3:**

**In reference to the General Conditions, Page 9, Item 24,** add the following paragraph and associated subparagraphs:

Refer to page 9, under 1.24.A. Add paragraph to read "The retainage amount may be lessened on the following scale as each phase of work is substantially complete, all punch lists are complete and the Owner has approved all work. The work can be considered to be in 6 phases."

Phases Complete Retainage %

|          |       |
|----------|-------|
| Phase 0: | 10.0% |
| Phase 1: | 9.3%  |
| Phase 2: | 8.6%  |
| Phase 3: | 7.9%  |
| Phase 4: | 7.1%  |
| Phase 5: | 6.4%  |
| Phase 6: | 5.7%  |

**AD-3, ITEM 4:**

**In reference to specification Section 075323 – EPDM ROOFING, Article 3.1 Insulation Installation, E. Adhered Insulation.**

Either roofing asphalt or insulation adhesive may be used for all layers of roofing insulation.

**AD-3, ITEM 5:**

**In reference to specification Section 081416,** See attached specifications for Laminated Wood Doors

**AD-3, ITEM 6:**

**In reference to the Specifications,** the following manufacturers are approved for the products in the corresponding sections:

|                              |          |
|------------------------------|----------|
| 08 90 00 Louvers and Vents - | Pottorff |
| Radiant Ceiling Panels -     | Markel   |

**AD-3, ITEM 7:**

**In reference to specification Section 260923 – LIGHTING CONTROL DEVICES, Article 2.1 Indoor Occupancy Sensors, A. Manufacturers.**

Add Schneider Electric as an acceptable manufacturer of indoor occupancy sensors.

**THE FOLLOWING ITEMS ARE APPLICABLE TO THE DRAWINGS:**

**AD-3, ITEM 8:**

**In reference to drawing G-104 and G-105,** refer to drawing G-104.1 for correct Separations Legend and modification of 1-Hour Rated Smoke Barrier into a 2-Hour Rated Smoke Barrier

**AD-3, ITEM 9:**

**In reference to structural floor penetrations,** Provide line item cost of locating structural post tension floor strands at locations of floor penetrations, using non-destructive testing methods.

**AD-3, ITEM 10:**

**In reference to demolition drawing,** all window blinds in area of construction shall be removed and reinstalled with new ceiling.

**AD-3, ITEM 11:**

**In reference to drawing AD-104 & AD-105,** demolition note #9. Curtains shall be removed from tracks and turned over to owner for cleaning.

**AD-3, ITEM 12:**

**In reference to drawing AD-105,** refer to attached drawing AD-105.1 for door demo note addition.

**AD-3, ITEM 13:**

**In reference to drawing A-102, A-103, A-104, & A-105,** refer to attached drawing A-105.1 for Smoke Barrier partition type modification.

**AD-3, ITEM 14:**

**In reference to drawing A-301 and A-302,** refer to attached drawings A-301 and A-302 for correct detail tags.

**AD-3, ITEM 15:**

**In reference to drawing A-601,** refer to drawings A-601.1 for door fire labels.

**AD-3, ITEM 16:**

**In reference to drawing A-601,** refer to drawing A-601.2 for door type modification and finish schedule notes.

**AD-3, ITEM 17:**

**In reference to Partition Schedule,** Partition type SP

- Shall be continuous to structural deck.
- Provide unit cost for sealing all existing penetrations ranging from ½" to 6" diameter.
- Provide unit cost per square foot for extending walls to deck.
- Provide Base Bid cost for sealing all penetrations (existing & new) with fire stopping.
- Provide Deduct Alternate cost for sealing all penetrations (existing & new) with sealant.

**AD-3, ITEM 18:**

**In reference to drawing FS-102**, refer to the Second Level Fire Sprinkler Plan. In all areas that are NOT identified with a hatch the contractor shall:

“RELOCATE ALL EXISTING WET PIPE FIRE SPRINKLER SYSTEM MAINS AND BRANCH PIPING IN THIS AREA TO ALLOW THE INSTALLATION OF THE NEW HVAC AND PLUMBING SYSTEMS. INSTALL NEW PIPING AS NEED AND INSTALL NEW CEILING MOUNTED FIRE SPRINKLER HEADS THROUGHOUT.”

**AD-3, ITEM 19:**

**In reference to drawing FS-103**, refer to the Third Level Fire Sprinkler Plan. In all areas that are NOT identified with a hatch the contractor shall:

“RELOCATE ALL EXISTING WET PIPE FIRE SPRINKLER SYSTEM MAINS AND BRANCH PIPING IN THIS AREA TO ALLOW THE INSTALLATION OF THE NEW HVAC AND PLUMBING SYSTEMS. INSTALL NEW PIPING AS NEED AND INSTALL NEW CEILING MOUNTED FIRE SPRINKLER HEADS THROUGHOUT.”

**AD-3, ITEM 20:**

**In reference to drawing FS-103**, refer to revised drawing FS-103 for changes to the fire sprinkler requirements.

**AD-3, ITEM 21:**

**In reference to drawing M-202**, refer to the WWII Lower Level Mechanical Plan. Note at the northwest corner of the building on the HWS and HWR piping reads “EXISTING 3” HWS/R FROM OT BUILDING”.

**AD-3, ITEM 22:**

**In reference to drawing M-204**, refer to revised drawing M-204 for changes to piping.

**AD-3, ITEM 23:**

**In reference to drawing M-205**, refer to revised drawing M-205 for changes to piping.

**AD-3, ITEM 24:**

**In reference to drawing M-206**, refer to revised drawing M-206 for changes to piping.

**AD-3, ITEM 25:**

**In reference to drawing M-207**, refer to revised drawing M-207 for changes to piping.

**AD-3, ITEM 26:**

**In reference to drawing M-401**, refer to the Mechanical Schedule. The steam generator shall be changed as follows:  
STEAM GENERATOR TYPE 1,2,3,4 (SG-1,2,3,4):

**AD-3, ITEM 27:**

**In reference to drawing E-204,** add a Sheet Note 17 by the occupancy sensor in Office 364.  
(Disregard Addendum 1, Item #10)

**AD-3, ITEM 28:**

**In reference to drawing E-501,** refer to the Lighting Fixture Schedule. The following shall be acceptable manufacturers:

|         |          |          |
|---------|----------|----------|
| Type D1 | Williams | PHSQ60   |
| Type G1 | Williams | WMA      |
| Type R1 | Williams | DRM1     |
| Type S1 | Williams | LEDPSQ60 |

**END AD-3**



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**PRE-BID CONFERENCE SIGN-IN SHEET**

PROJECT: State of Nebraska DATE: January 18, 2012  
Grand Island Veterans'  
WWII Phillips Building Mechanical,  
Electrical, and ADA Upgrades TIME: 10:00 AM

PROJECT #: 08-0059

|     | <u>Name</u>          | <u>Company</u>                   | <u>Phone Number</u>   | <u>E-mail Address</u>              |
|-----|----------------------|----------------------------------|-----------------------|------------------------------------|
| 1.  | <u>RYAN MENHAFF</u>  | <u>DAVIS DESIGN</u>              | <u>402 471 0409</u>   | <u>tom.schwerner@nebraska.gov</u>  |
| 2.  | <u>Tom Schwerner</u> | <u>State Silly DIN</u>           | <u>402-458-5982</u>   | <u>droberts@oaconsulting.com</u>   |
| 3.  | <u>DAVID ROBERTS</u> | <u>DA</u>                        | <u>402-458-5983</u>   | <u>cjones@oaconsulting.com</u>     |
| 4.  | <u>Corry Jones</u>   | <u>DA</u>                        | <u>308-384-2866</u>   | <u>Stacy.Spotski@lagge.com</u>     |
| 5.  | <u>Stacy Spotski</u> | <u>LACI CONSTRUCTION COMPANY</u> | <u>308-583-2092</u>   | <u>GSCAT Home@gmail.com</u>        |
| 6.  | <u>Greg Cramer</u>   | <u>GSC Unlimited</u>             | <u>(308) 384-1690</u> | <u>Pat@OAT.llwr.com</u>            |
| 7.  | <u>Pat O'Neil</u>    | <u>O'Neil Truss &amp; Ezyed</u>  | <u>308 381-2033</u>   | <u>ryan@nebraskafire.com</u>       |
| 8.  | <u>RYAN PETER</u>    | <u>NE FIRE</u>                   | <u>402-689-8467</u>   | <u>mlsawicki@b2env.com</u>         |
| 9.  | <u>Mike Smith</u>    | <u>BCE</u>                       | <u>402 304 6884</u>   | <u>MPP@NEB.PR.COM</u>              |
| 10. | <u>CILVOS WINTER</u> | <u>MFP</u>                       | <u>402-463-4975</u>   | <u>Uden 402 @windstream.net</u>    |
| 11. | <u>Kip Uden</u>      | <u>Uden Plumbing</u>             | <u>402-464-1877</u>   | <u>tbrown@willmar-electric.com</u> |
| 12. | <u>Tyler Brown</u>   | <u>Willmar Electric Service</u>  | <u>402-499-4929</u>   | <u>sdguyer@ryangrp.com</u>         |
| 13. | <u>Sheyenne Gye</u>  | <u>Ryan Associates</u>           |                       |                                    |

|     |                |                            |              |                                     |
|-----|----------------|----------------------------|--------------|-------------------------------------|
| 14. | John Sekup     | Swell Services Inc         | 308-532-6870 | Jsekup@windstream.net               |
| 15. | JAY CALHOUN    | SWELL SERVICES, INC        | " " "        | jay.calhoun@windstream.net          |
| 16. | Craig Supp     | Heat And Elec              | 308-385-4600 | craig_supp@chicofad.com             |
| 17. | CHARS ENSLEY   | ENCLY ELEC. SERVICES       | 308-382-8402 | ensley@ensleyelectric.com           |
| 18. | Jay Hehnke     | Jean's Super Man           | 308-380-9584 | jay@jeanschestnut.com               |
| 19. | SCOTT HILLIGAS | MIDWEST SHEET METAL        | 308-384-2425 | scott@midwestsheetmetal.com         |
| 20. | Bob Supencheck | Essink Bros Drywall        | 308-384-8617 | Bob@Essink.biz                      |
| 21. | JOHN MAHANEY   | DAKNEW dck                 | 712-623-4927 | jamahaney@dkkum.com                 |
| 22. | SCOT FLETCHER  | T-C Ceilings Inc.          | 308-389-4854 | sfletcher@tceeilings.com            |
| 23. | Andrew Johnson | Continental Fire Sprinkler | 402-330-5170 | Andrew.Johnson@continental-fire.com |
| 24. | Bill Zeller    | Ziller Tile                | 382-0671     |                                     |
| 25. | Sam Erb        | Cornhusker Htg             | 402-464-3159 | Same@Cornhuskerhtg.com              |
| 26. | TIM STOFER     | DAS/SBD                    | 402-471-8353 | TIM.STOFER@nebraskat4.gov           |
| 27. |                |                            |              |                                     |
| 28. |                |                            |              |                                     |
| 29. |                |                            |              |                                     |
| 30. |                |                            |              |                                     |
| 31. |                |                            |              |                                     |
| 32. |                |                            |              |                                     |
| 33. |                |                            |              |                                     |
| 34. |                |                            |              |                                     |
| 35. |                |                            |              |                                     |

**STATE OF NEBRASKA  
GRAND ISLAND VETERAN'S HOME  
WWII / PHILLIPS BLDG – MECHANICAL, ELECTRICAL, AND ADA UPGRADES  
GRAND ISLAND, NEBRASKA**

**SECTION 081416 - FLUSH WOOD DOORS**

**PART 1 - GENERAL**

**1.1 SUMMARY**

**A. Section Includes:**

1. Solid-core doors with plastic-laminate faces.
2. Factory finishing flush wood doors.
3. Factory fitting flush wood doors to frames and factory machining for hardware.

**B. Related Requirements:**

1. Section 088000 "Glazing" for glass view panels in flush wood doors.
2. Section 099123 "Interior Painting" for requirements of paint finish to be by others.

**1.2 ACTION SUBMITTALS**

**A. Product Data:** For each type of door. Include factory-finishing specifications.

**B. Shop Drawings:** Indicate location, size, and hand of each door; elevation of each kind of door; construction details not covered in Product Data; and the following:

1. Dimensions and locations of blocking.
2. Dimensions and locations of mortises and holes for hardware.
3. Dimensions and locations of cutouts.
4. Undercuts.
5. Requirements for veneer matching.
6. Doors to be factory finished and finish requirements.
7. Fire-protection ratings for fire-rated doors.

**C. Samples:** For plastic-laminate door faces.

**D. Submit written agreement for product in door manufacturer's standard form, signed by the Manufacturer's Installer and Contractor, agreeing to repair or replace defective doors which have warped (bow, cup, or twist) or show photographing of construction below faces. The warranty shall also include re-finishing and re-installation which may be required due to repair or replacement or defective doors.**

**1.3 WARRANTY**

**A. Warranty: Life of Installation.** Provide the Owner with a written warranty including date of expiration and detail of coverage.

**STATE OF NEBRASKA  
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**PART 2 - PRODUCTS**

**2.1 MANUFACTURERS**

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
1. Algoma Hardwoods, Inc.
  2. General Veneer Manufacturing Co.
  3. Graham Wood Doors; an Assa Abloy Group company.
  4. Lynden Door, Inc.
  5. Marshfield Door Systems, Inc.
  6. Mohawk Doors; a Masonite company.
  7. VT Industries, Inc.

**2.2 FLUSH WOOD DOORS, GENERAL**

- A. Quality Standard: In addition to requirements specified, comply with WDMA I.S.1-A, "Architectural Wood Flush Doors."
- B. WDMA I.S.1-A Performance Grade:
1. Extra Heavy Duty: Public toilets, janitor's closets, and exits.
- C. Fire-Rated Wood Doors: Doors complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252. Provide UL rating label.
1. Cores: Provide core specified or mineral core as needed to provide fire-protection rating indicated.
  2. Edge Construction: Provide edge construction with intumescent seals concealed by outer stile. Comply with specified requirements for exposed edges.
  3. Pairs: Provide fire-retardant stiles that are listed and labeled for applications indicated without formed-steel edges and astragals. Provide stiles with concealed intumescent seals as required at fire-rated doors. Comply with specified requirements for exposed edges.
- D. Smoke- and Draft-Control Door Assemblies: Listed and labeled for smoke and draft control, based on testing according to UL 1784.
- E. Particleboard-Core Doors:
1. Particleboard: ANSI A208.1, Grade LD-2, made with binder containing no urea-formaldehyde.
  2. Blocking: Provide wood blocking in particleboard-core doors as needed to eliminate through-bolting hardware.

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WWII / PHILLIPS BLDG – MECHANICAL, ELECTRICAL, AND ADA UPGRADES  
GRAND ISLAND, NEBRASKA**

F. Agrifiber Board Core Doors:

1. Agrifiber Board: ANSI A208.1, Grade 1-LD-2, #28-32/ cubic foot.
2. Blocking: Provide structural composite lumber rails, stiles with matching hardwood edge, and block reinforcement at surface-mounted hardwood locations.

G. Structural-Composite-Lumber-Core Doors:

1. Structural Composite Lumber: WDMA I.S.10.
  - a. Screw Withdrawal, Face: 700 lbf.
  - b. Screw Withdrawal, Edge: 400 lbf.

H. Mineral-Core Doors:

1. Core: Noncombustible mineral product complying with requirements of referenced quality standard and testing and inspecting agency for fire-protection rating indicated.
2. Blocking: Provide composite blocking with improved screw-holding capability approved for use in doors of fire-protection ratings indicated as needed to eliminate through-bolting hardware.
3. Edge Construction: At hinge stiles, provide laminated-edge construction with improved screw-holding capability and split resistance. Comply with specified requirements for exposed edges.

2.3 PLASTIC-LAMINATE-FACED DOORS

A. Interior Solid-Core Doors (Sheet A-601):

1. Grade: Premium.
2. Plastic-Laminate Faces: High-pressure decorative laminates complying with NEMA LD 3, Grade HGS. (GP-50, 0.050" nominal thickness. Apply to both faces of the door.)
3. Colors, Patterns, and Finishes: As selected by Architect from laminate manufacturer's full range of products.
4. Exposed Vertical Edges: Plastic laminate that matches faces, applied before faces. Edges must be laminated before faces are applied.
5. Core: Particleboard.
6. Construction: Five plies. Stiles and rails are bonded to core, then entire unit is abrasive planed before faces and crossbands are applied. Faces are bonded to core using a hot press.

2.4 LIGHT FRAMES

- A. Metal Frames for Light Openings in Fire-Rated Doors: Manufacturer's standard frame formed of 0.048-inch- thick, cold-rolled steel sheet; factory primed for paint finish; and approved for use in doors of fire-protection rating indicated.

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GRAND ISLAND VETERAN'S HOME  
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GRAND ISLAND, NEBRASKA**

**2.5 FABRICATION**

- A. Factory fit doors to suit frame-opening sizes indicated. Comply with clearance requirements of referenced quality standard for fitting unless otherwise indicated.
  - 1. Comply with NFPA 80 requirements for fire-rated doors.
- B. Factory machine doors for hardware that is not surface applied.
- C. Openings: Factory cut and trim openings through doors.
  - 1. Light Openings: Trim openings with moldings of material and profile indicated.
  - 2. Glazing: Factory install glazing in doors indicated to be factory finished. Comply with applicable requirements in Section 088000 "Glazing."
- D. Take accurate field dimensions of hardware mortises in metal frames to verify dimensions and alignment before proceeding with machining in the factory.

**PART 3 - EXECUTION**

**3.1 INSTALLATION**

- A. Hardware: For installation, see Section 087100 "Door Hardware."
- B. Installation Instructions: Install doors to comply with manufacturer's written instructions and referenced quality standard, and as indicated.
  - 1. Install fire-rated doors according to NFPA 80.
  - 2. Install smoke- and draft-control doors according to NFPA 105.
- C. Job-Fitted Doors: Align and fit doors in frames with uniform clearances and bevels as indicated below; do not trim stiles and rails in excess of limits set by manufacturer or permitted for fire-rated doors. Machine doors for hardware. Seal edges of doors, edges of cutouts, and mortises after fitting and machining.
  - 1. Clearances: Provide 1/8 inch at heads, jambs, and between pairs of doors. Provide 1/2 inch from bottom of door to top of decorative floor finish or covering unless otherwise indicated. Where threshold is shown or scheduled, provide 1/4 inch from bottom of door to top of threshold unless otherwise indicated.
    - a. Comply with NFPA 80 for fire-rated doors.
- D. Factory-Fitted Doors: Align in frames for uniform clearance at each edge.
- E. Factory-Finished Doors: Restore finish before installation if fitting or machining is required at Project site.

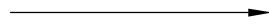
END OF SECTION 081416

# SEPARATION LEGEND

SMOKE PARTITION  
(LIMIT THE TRANSFER OF SMOKE)



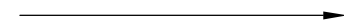
1/2-HOUR SEPARATION



SMOKE BARRIER  
(RESTRICT MOVEMENT OF SMOKE)



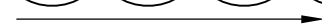
1-HOUR SEPARATION



2-HOUR RATED SMOKE BARRIER  
(2 HOUR FIRE RATED AND RESTRICT MOVEMENT OF SMOKE)



2-HOUR SEPARATION



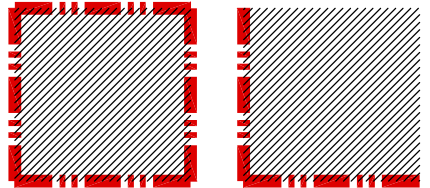
3-HOUR SEPARATION



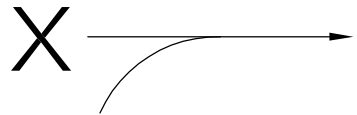
4-HOUR SEPARATION



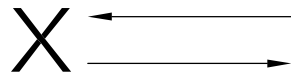
VERTICAL SHAFT



EXIT



HORIZONTAL EXIT



VERTICAL EXIT INDICATOR



15



**Lincoln:**  
 211 North 14th Street  
 Lincoln, NE 68506  
 Phone (402) 476-9700  
 FAX (402) 476-9722

**OMAHA:**  
 4245 South 143rd Street  
 Omaha, NE 68187  
 Phone (402) 741-6600  
 FAX (402) 741-6611

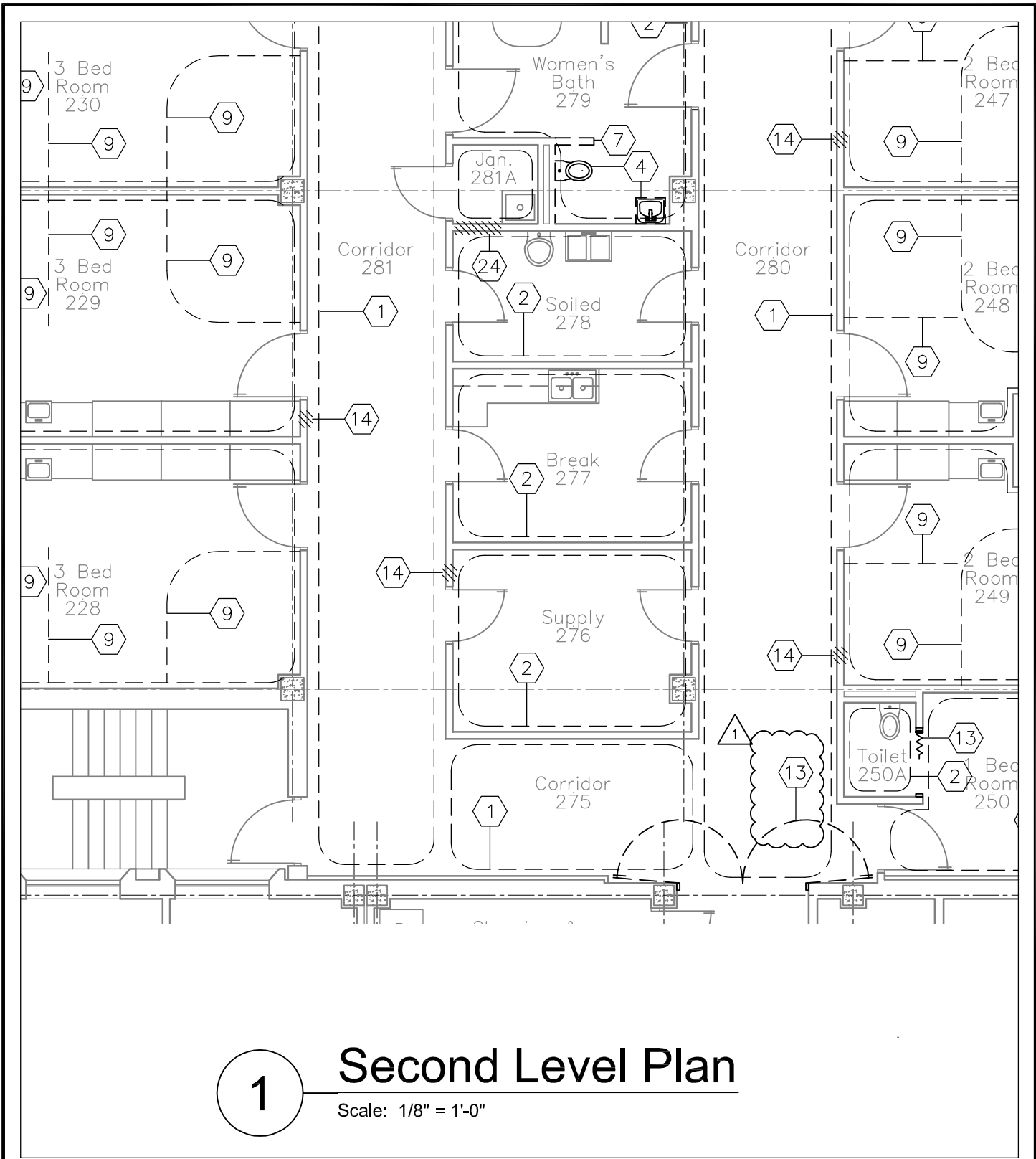
ARCHITECTURE   ENGINEERING   INTERIOR DESIGN

Client Information  
**State of Nebraska**  
 2300 West Capital Avenue  
 Grand Island NE 68803

Project Information  
**Grand Island  
 Veterans Home  
 Phillips & WWII  
 Building**

|  |            |
|--|------------|
| Issue Date                                   | 01.25.2012 |
| Job #  | 07-0157    |
| Drawn by:                                    | JMB        |
| CADD file:                                   | G-104      |
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|   |             |
|---|-------------|
| Drawing Title<br><b>Separation Legends Correct<br/>         Line Types &amp; 2 Hour Rated<br/>         Smoke Barrier - AD-3</b> |             |
| From Sheet:   | for CA use: |
| G-104-G-105   |             |
| Drawing #   |             |
| G-104.1   |             |



1

# Second Level Plan

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

|   |   |   |   |   |
|---|---|---|---|---|
|  | <p>Lincoln:<br/>271 North 14th Street<br/>Lincoln, NE 68506<br/>Phone (402) 476-9700<br/>Fax (402) 476-9722</p> | <p>Client Information<br/><b>State of Nebraska</b><br/>2300 West Capital Avenue<br/>Grand Island NE 68803</p> | <p>Issue Date: 01.25.2012<br/>Job #: 07-0157<br/>Drawn by: JMB<br/>CADD file: AD-105.dwg<br/>COPYRIGHT © DAVIS DESIGN ALL RIGHTS RESERVED</p> |   |
|   | <p>Omaha:<br/>4245 South 143rd Street<br/>Omaha, NE 68187<br/>Phone (402) 741-6600<br/>Fax (402) 741-6611</p>   | <p>Project Information<br/><b>Grand Island Veterans Home Phillips &amp; WWII Building</b></p>                 | <p>Drawing Title<br/>Door Demo Note Addition<br/>AD-3<br/>1</p>   | <p>From Sheet: AD-105 for CA use:<br/>Drawing #: AD-105.1</p> |

# PARTITION TYPES

## SCHEDULE

| TYPE | SUPPORT                                | FACING                                  | NOM THK | HEIGHT                        | FIRE RAT. | STC RAT. | INSUL.                | NOTES    |
|------|--|---|---------|-------------------------------|-----------|----------|-----------------------|----------|
| 5    | 3 5/8" DRYWALL STUDS SPACED @ 16" O.C. | ONE LAYER OF 5/8" TYPE X GWB EACH SIDE  | 5"      | TO STRUCT. DECK ABOVE CEILING | 1 HR      |          |                       | (1), (4) |
| 6    | 3 5/8" DRYWALL STUDS SPACED @ 16" O.C. | TWO LAYERS OF 5/8" TYPE X GWB EACH SIDE | 5"      | TO STRUCT. DECK ABOVE CEILING | 2 HR.     | 45-49    | 3" SOUND ATTEN. BLKT. | (5)      |
| 7    | 1 1/2" HAT CHANNEL SPACED @ 16" O.C.   | ONE LAYER OF 5/8" TYPE X GWB ROOM SIDE  | 2"      | AS REQUIRED                   | --        | --       | --                    | -        |
| PB   | PATCH & FINISH EXISTING PARTITION      | --                                      | --      | TO STRUCT. DECK ABOVE CEILING | 2 HR      | 45-49    | 3" SOUND ATTEN. BLKT. | (5)      |

### Referenced Notes:

- (1.) REFER TO ROOM FINISH SCHEDULE, IF ROOM IS TO RECEIVE FINISH THEN PROVIDE AS INDICATED. IF ROOM IS NOT SCHEDULED TO RECEIVE A NEW FINISH, MATCH EXISTING FINISH.
- (2.) REFER TO ROOM FINISH SCHEDULE FOR NEW WALL FINISH ON "EX" OR "EST" TYPE PARTITIONS INCLUDED AS PART OF THIS CONTRACT.
- (3.) ALIGN FACE OF WALL WITH ADJACENT, EXISTING WALL. PROVIDE SMOOTH TRANSITION BETWEEN WORK AND EXISTING. THIS WORK MAY REQUIRE A SKIM COATING OF ENTIRE WALL (EXISTING AND NEW WORK).
- (4.) WALL IS TO BE CONSTRUCTED TO RESIST THE PASSAGE OF SMOKE.
- (5.) SMOKE BARRIER, BUT PENETRATIONS MUST BE FILLED AS IF IT WERE A 2 HOUR FIRE RATED WALL
- (6.) UL DESIGN U419 OR EQUAL

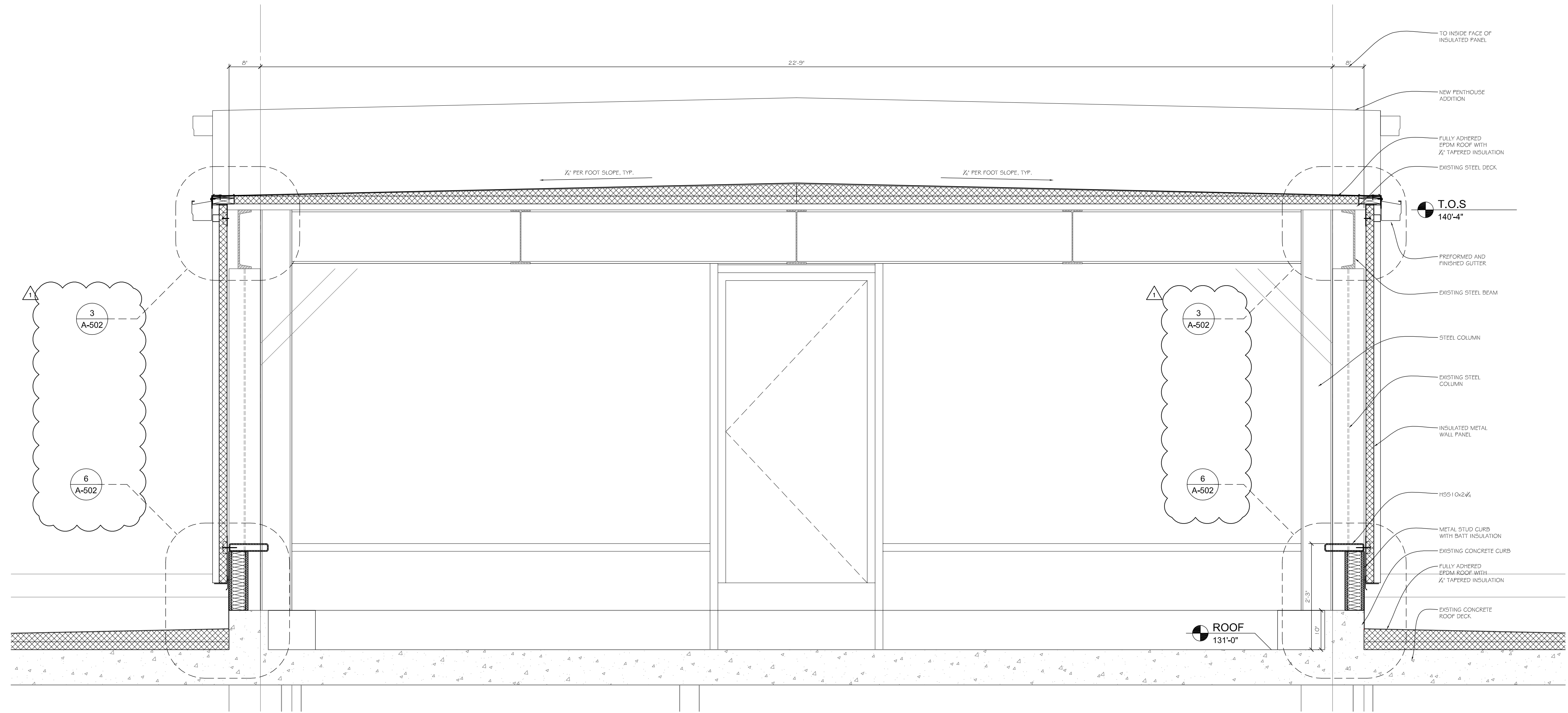


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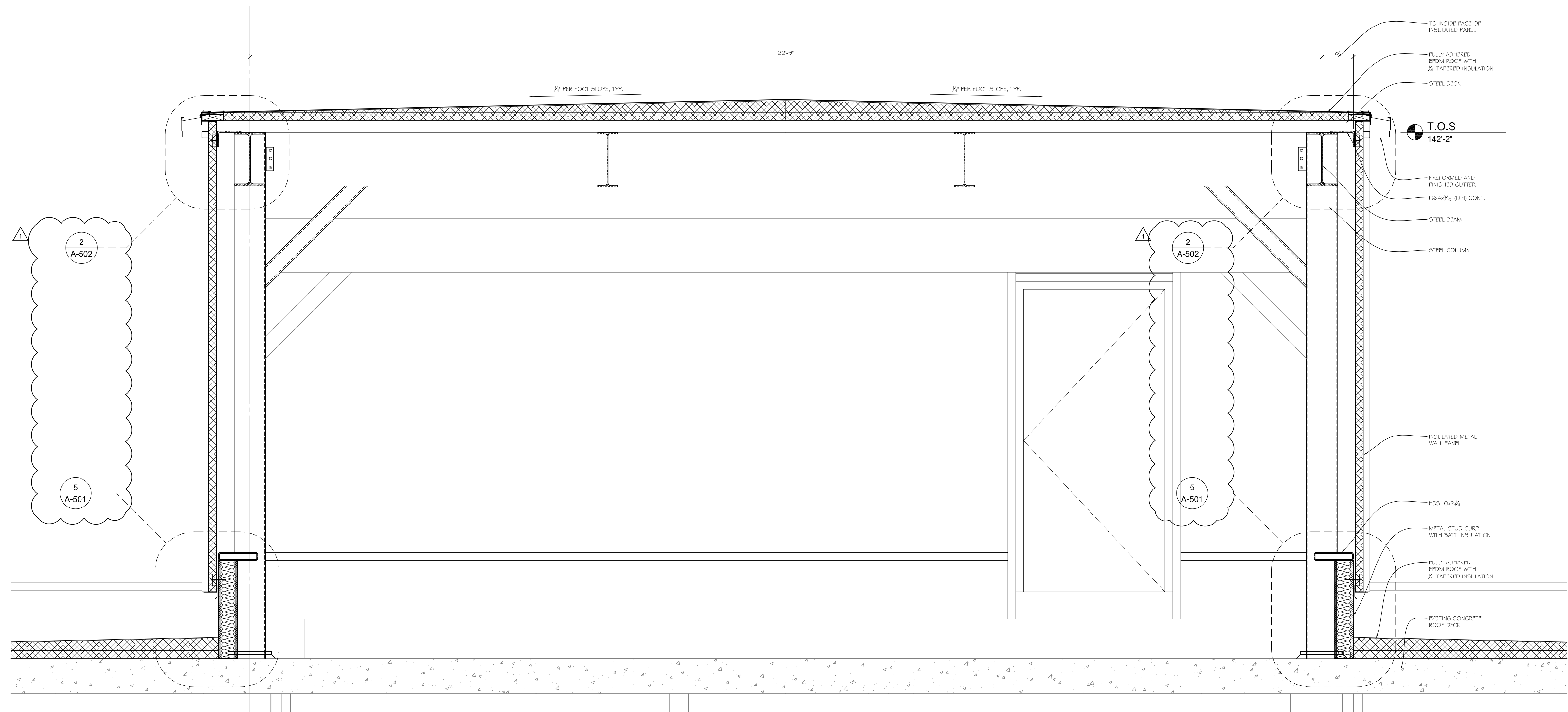
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ARCHITECTURE ENGINEERING INTERIOR DESIGN

|  |         |                        |            |
|--|---------|------------------------|------------|
| Client Information                           |         | Issue Date             | 01/25/2012 |
| <b>State of Nebraska</b>                     |         | Job #                  | 07-0157    |
| 2300 West Capital Avenue                     |         | Drawn by:              | JMB        |
| Grand Island NE 68803                        |         | CADD file:             | A-105.1    |
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| Project Information                          |         | Drawing Title          |            |
| <b>Grand Island Veterans Home</b>            |         | Partition Type Scedule |            |
| <b>Phillips &amp; WWII Building</b>          |         | 2-Hour Smoke Barrier   |            |
|  |         | AD-3                   |            |
| From Sheet:                                  | A-105   | for CA use:            |            |
| Drawing #                                    | A-105.1 |                        |            |



**1 Section**  
Scale: 3/4" = 1'-0"



**2 Section**  
Scale: 3/4" = 1'-0"

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**DAVIS**  
DESIGN  
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This document was originally approved and sealed on 12.19.11, by Wynn E. Menhoff, a licensed professional architect in the State of NEBRASKA A-1632.

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CLIENT INFORMATION  
**State of Nebraska**

PROJECT INFORMATION  
**Grand Island Veterans Home Phillips & WWII Building**

2300 West Capital Avenue  
Grand Island NE 68803

Job # 07-0157

ISSUE DATE: 12-14-2011

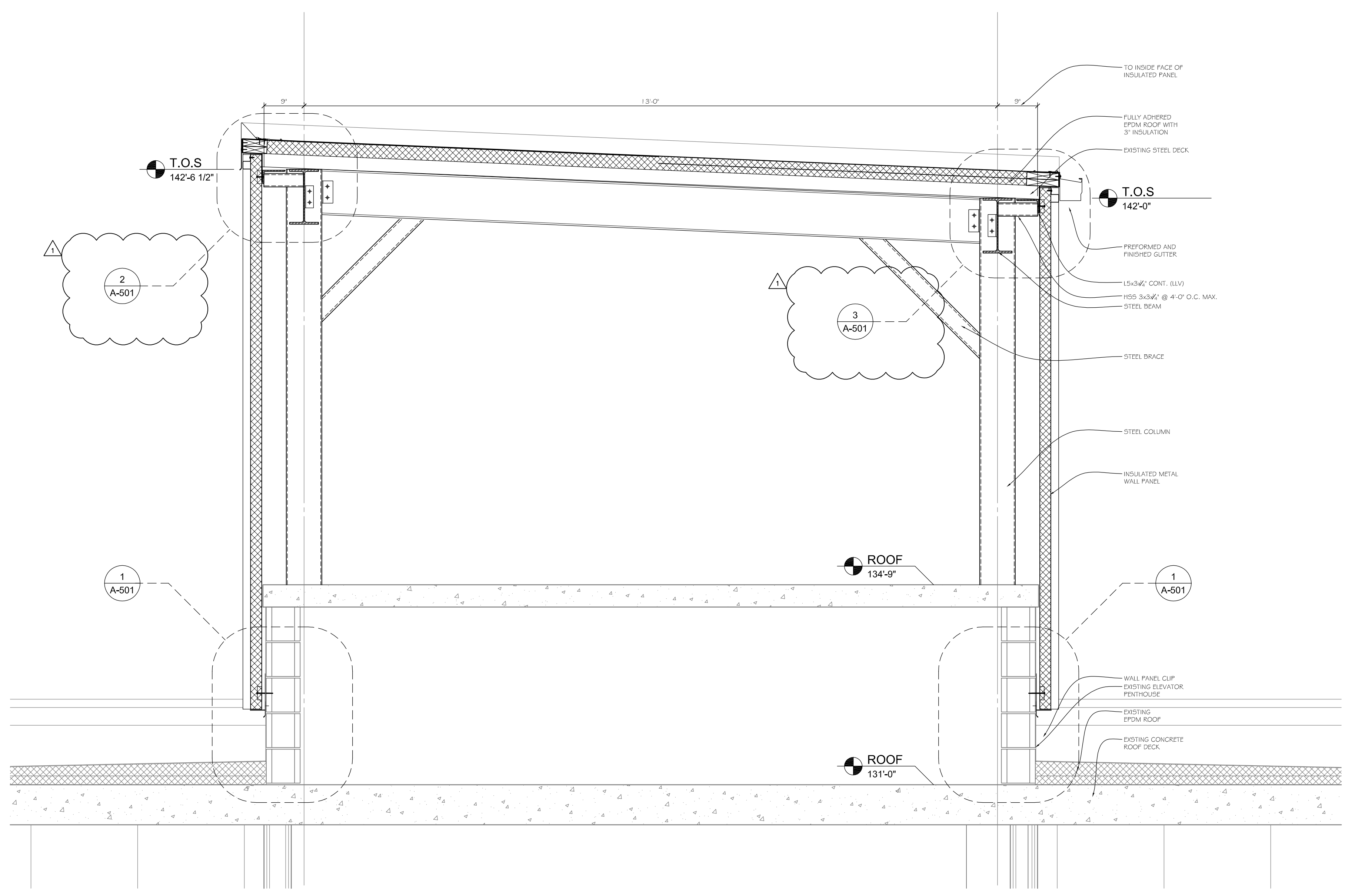
Revisions:

0125/12 Detail Tag Corrections AD-3

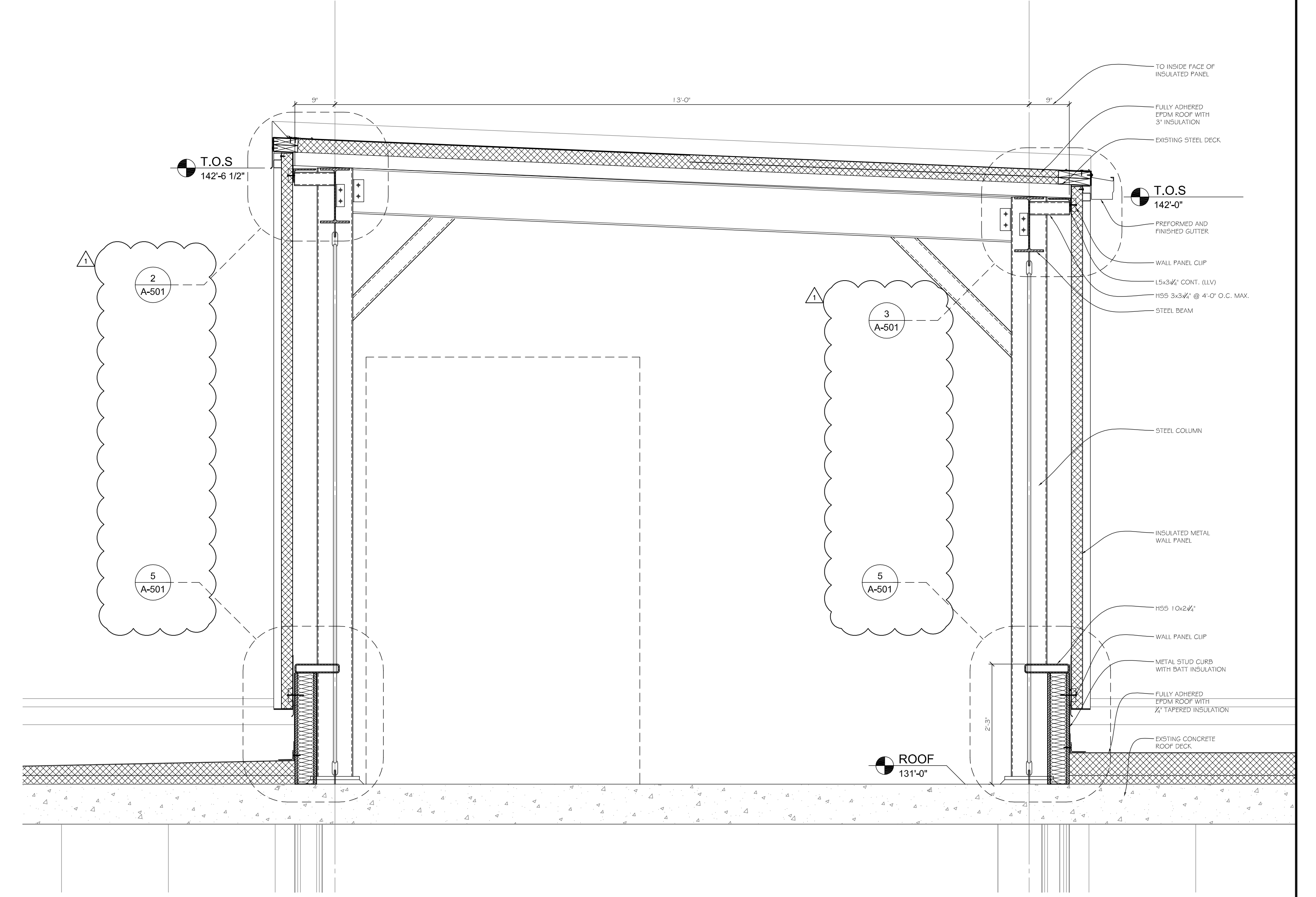
CHECKED: WEM  
OUTSIDE: JMB  
DATE: 12/14/2011

SHEET TITLE  
**Penthouse Sections**

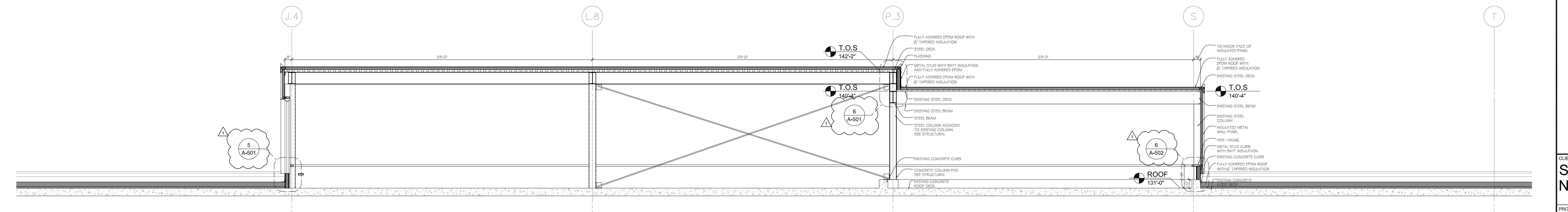
SHEET NUMBER  
**A-301**



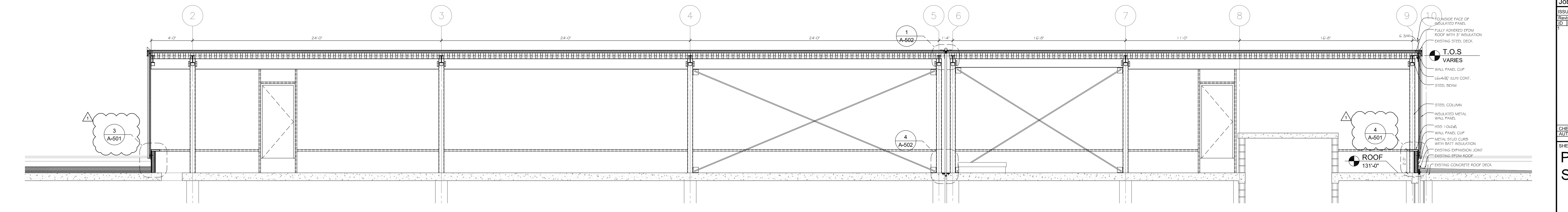
4 WWII Section  
Scale: 3/4" = 1'-0"



3 WWII Section  
Scale: 3/4" = 1'-0"



2 Phillips Section  
Scale: 1/4" = 1'-0"



1 WWII Section  
Scale: 1/4" = 1'-0"

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CLIENT INFORMATION  
**State of Nebraska**

PROJECT INFORMATION  
**Grand Island Veterans Home Phillips & WWII Building**

2300 West Capital Avenue  
Grand Island NE 68803

Job # 07-0157

ISSUE DATE: 12-12-2011

| NO. | DATE     | DESCRIPTION                 |
|-----|----------|-----------------------------|
| 10  | 07/25/12 | Detail Top Corrections AD-1 |

CHECKED: WEM  
DATE: 12/12/11

DESIGNED: WEM  
DATE: 12/12/11

SHEET TITLE  
**Penthouse Sections**

SHEET NUMBER  
**A-302**

# DOOR AND FRAME SCHEDULE

| OPN'G # | DOOR     |        |           |      |        |           |        | FRAME     |          |        | DETAILS |      |        |      | REMARKS  |
|---------|----------|--------|-----------|------|--------|-----------|--------|-----------|----------|--------|---------|------|--------|------|----------|
|         | WIDTH    | HEIGHT | THICKNESS | TYPE | FINISH | ELEVATION | LABEL  | ELEVATION | MATERIAL | FINISH | HEAD    | JAMB | THRESH | HW # |          |
| 251     | PR 3'-8" | 7'-0"  | 1 3/4"    | W-3  | PL     | B         | 90 MIN | HMF-2     | HM-16 GA | PAINT  | D6      | D5   | ----   | HW-2 |          |
| 253A    | 2'-5"    | ----   | ----      | ---- | ----   | -         | ----   | --        | --       | --     | ----    | ---- | ----   | ---- | 2        |
| 253B    | 3'-6"    | 7'-0"  | 1 3/4"    | W-1  | PL     | A         | ----   | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-3 |          |
| 254     | PR 3'-8" | 7'-0"  | 1 3/4"    | W-3  | PL     | B         | 90 MIN | HMF-2     | HM-16 GA | PAINT  | D6      | D5   | ----   | HW-2 |          |
| 257     | 3'-6"    | 7'-0"  | 1 3/4"    | W-1  | PL     | A         | ----   | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-3 |          |
| 271A    | 3'-6"    | 7'-0"  | 1 3/4"    | W-1  | PL     | A         | ----   | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-3 |          |
| 272A    | 2'-5"    | ----   | ----      | ---- | ----   | -         | ----   | --        | --       | --     | ----    | ---- | ----   | ---- | 2        |
| 272B    | 3'-6"    | 7'-0"  | 1 3/4"    | W-1  | PL     | A         | ----   | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-3 |          |
| 275     | PR 3'-8" | 7'-0"  | 1 3/4"    | W-3  | PL     | B         | 90 MIN | HMF-2     | HM-16 GA | PAINT  | D6      | D5   | ----   | HW-4 |          |
| 280     | PR 3'-8" | 7'-0"  | 1 3/4"    | W-3  | PL     | B         | 90 MIN | HMF-2     | HM-16 GA | PAINT  | D6      | D5   | ----   | HW-2 |          |
| 281     | PR 3'-8" | 7'-0"  | 1 3/4"    | W-3  | PL     | B         | 90 MIN | HMF-2     | HM-16 GA | PAINT  | D6      | D5   | ----   | HW-2 |          |
| 290A    | 3'-0"    | 7'-0"  | 1 3/4"    | W-1  | PL     | A         | ----   | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-5 |          |
| 291A    | 3'-6"    | 7'-0"  | 1 3/4"    | W-1  | PL     | A         | ----   | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-3 |          |
| 294     | PR 3'-8" | 7'-0"  | 1 3/4"    | W-2  | PL     | B         | 20 MIN | HMF-2     | HM-16 GA | PAINT  | D6      | D5   | ----   | HW-2 |          |
| 295     | PR 3'-8" | 7'-0"  | 1 3/4"    | W-2  | PL     | B         | 20 MIN | HMF-2     | HM-16 GA | PAINT  | D6      | D5   | ----   | HW-2 |          |
| 351     | PR 3'-8" | 7'-0"  | 1 3/4"    | W-3  | PL     | B         | 90 MIN | HMF-2     | HM-16 GA | PAINT  | D6      | D5   | ----   | HW-2 |          |
| 353A    | 2'-5"    | ----   | ----      | ---- | ----   | -         | ----   | --        | --       | --     | ----    | ---- | ----   | ---- | 2        |
| 353B    | 3'-6"    | 7'-0"  | 1 3/4"    | W-1  | PL     | A         | ----   | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-3 |          |
| 354     | PR 3'-8" | 7'-0"  | 1 3/4"    | W-3  | PL     | B         | 90 MIN | HMF-2     | HM-16 GA | PAINT  | D6      | D5   | ----   | HW-2 |          |
| 357     | 3'-6"    | 7'-0"  | 1 3/4"    | W-1  | PL     | A         | ----   | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-3 |          |
| 361A    | 3'-0"    | 7'-0"  | 1 3/4"    | W-3  | PL     | A         | 90 MIN | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-6 |          |
| 371A    | 3'-6"    | 7'-0"  | 1 3/4"    | W-1  | PL     | A         | ----   | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-3 |          |
| 372A    | 2'-5"    | ----   | ----      | ---- | ----   | -         | ----   | --        | --       | --     | ----    | ---- | ----   | ---- | 2        |
| 372B    | 3'-6"    | 7'-0"  | 1 3/4"    | W-1  | PL     | A         | ----   | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-3 |          |
| 375     | PR 3'-8" | 7'-0"  | 1 3/4"    | W-3  | PL     | B         | 90 MIN | HMF-2     | HM-16 GA | PAINT  | D6      | D5   | ----   | HW-4 |          |
| 380     | PR 3'-8" | 7'-0"  | 1 3/4"    | W-3  | PL     | B         | 90 MIN | HMF-2     | HM-16 GA | PAINT  | D6      | D5   | ----   | HW-2 |          |
| 381     | PR 3'-8" | 7'-0"  | 1 3/4"    | W-3  | PL     | B         | 90 MIN | HMF-2     | HM-16 GA | PAINT  | D6      | D5   | ----   | HW-2 |          |
| 390A    | 3'-0"    | 7'-0"  | 1 3/4"    | W-1  | PL     | A         | ----   | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-5 |          |
| 391A    | 3'-6"    | 7'-0"  | 1 3/4"    | W-1  | PL     | A         | ----   | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-3 |          |
| 394     | PR 3'-8" | 7'-0"  | 1 3/4"    | W-2  | PL     | B         | 20 MIN | HMF-2     | HM-16 GA | PAINT  | D6      | D5   | ----   | HW-2 |          |
| 395     | PR 3'-8" | 7'-0"  | 1 3/4"    | W-2  | PL     | B         | 20 MIN | HMF-2     | HM-16 GA | PAINT  | D6      | D5   | ----   | HW-2 |          |
| 401A    | 3'-0"    | 7'-0"  | 1 3/4"    | S-2  | PAINT  | A         | ----   | HMF-1     | HM-16 GA | PAINT  | ----    | ---- | ----   | HW-7 |          |
| 401B    | 3'-0"    | 7'-0"  | 1 3/4"    | S-2  | PAINT  | A         | ----   | HMF-1     | HM-16 GA | PAINT  | ----    | ---- | ----   | HW-7 |          |
| 402A    | 3'-0"    | 7'-0"  | 1 3/4"    | S-2  | PAINT  | A         | ----   | HMF-1     | HM-16 GA | PAINT  | ----    | ---- | ----   | HW-7 |          |
| 402B    | 3'-0"    | 7'-0"  | 1 3/4"    | S-2  | PAINT  | A         | ----   | HMF-1     | HM-16 GA | PAINT  | ----    | ---- | ----   | HW-7 |          |
| 000L    | 3'-8"    | 7'-0"  | 1 3/4"    | W-1  | PL     | A         | ----   | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-1 | 20 DOORS |
| 000R    | 3'-8"    | 7'-0"  | 1 3/4"    | W-1  | PL     | A         | ----   | HMF-1     | HM-16 GA | PAINT  | D1/D2   | D3   | ----   | HW-1 | 24 DOORS |

REMARKS:

- (1) ALL LOCKS TO BE KEYED TO "MASTER" (COORDINATE WITH OWNER).
- (2) REUSE EXISTING DOOR, FRAME, AND HARDWARE



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Client Information  
**State of Nebraska**  
2300 West Capital Avenue  
Grand Island NE 68803

Project Information  
**Grand Island Veterans Home Phillips & WWII Building**

Issue Date: 01.25.2012  
Job #: 07-0157  
Drawn by: JMB  
CADD file: A-601.dwg  
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Drawing Title  
Door Type and Label Modifications AD-3 1

From Sheet: A-601 for CA use:  
Drawing #: A-601.1

# DOOR TYPE SCHEDULE

| SWINGING DOOR TYPES |                            |           |                  |             |        |                |            |
|---------------------|----------------------------|-----------|------------------|-------------|--------|----------------|------------|
| TYPE                | CONSTRUCTION               | THICKNESS | FACE MATERIAL    | FIRE RATING | FINISH | SPECIAL REQ'TS | SPEC. SECT |
| W-1                 | SOLID CORE FLUSH WOOD DOOR | 1 3/4"    | PLASTIC LAMINATE | NONE        | --     | --             | 08210      |
| W-2                 | SOLID CORE FLUSH WOOD DOOR | 1 3/4"    | PLASTIC LAMINATE | 20 MIN.     | --     | --             | 08210      |
| W-3                 | SOLID CORE FLUSH WOOD DOOR | 1 3/4"    | PLASTIC LAMINATE | 90 MIN.     | --     | --             | 08210      |
| S-2                 | HOLLOW METAL DOOR          | 1 3/4"    | STEEL            | --          | PAINT  | --             | 081113     |
|                     |                            |           |                  |             |        |                | 1          |

# ROOM FINISH SCHEDULE

### General Notes:


1. SEE SPECIFICATIONS FOR ALL FINISH INFORMATION
2. ALL COLORS SHALL BE APPROVED BY OWNER AND ARCHITECT PRIOR TO INSTALLATION

### ALTERNATE A1:

ON FIRST, SECOND, AND THIRD FLOORS PROVIDE ALTERNATE TO PAINT:

1. ALL REMAINING CORRIDOR WALLS
2. ALL REMAINING ROOM WALLS

1

|   |   |  |   |                                      |
|---|---|--|---|--------------------------------------|
|  <p><b>DAVIS</b><br/>DESIGN<br/>ARCHITECTURE ENGINEERING INTERIOR DESIGN</p> | <p>Lincoln:<br/>271 North 14th Street<br/>Lincoln, NE 68506<br/>Phone (402) 476-9700<br/>FAX (402) 476-9722</p> | <p>Client Information</p> <p><b>State of Nebraska</b><br/>2300 West Capital Avenue<br/>Grand Island NE 68803</p> | <p>Issue Date: 01.25.2012</p> <p>Job #: 07-0157</p> <p>Drawn by: JMB</p> <p>CADD file: A-601.dwg</p> <p><small>COPYRIGHT © DAVIS DESIGN ALL RIGHTS RESERVED</small></p> |                                      |
|   | <p>OMAHA:<br/>4245 South 143rd Street<br/>Omaha, NE 68187<br/>Phone (402) 741-6600<br/>FAX (402) 741-6611</p>   | <p>Project Information</p> <p><b>Grand Island Veterans Home Phillips &amp; WWII Building</b></p>                 | <p>Drawing Title</p> <p>Door Types Addition<br/>Room Finish Schedule Notes<br/>AD-3 <span style="float: right;">1</span></p>  | <p>From Sheet: A-601 for CA use:</p> |
|   |   |  | <p>Drawing #</p> <p>A-601.2</p>   |                                      |
|   |   |  |   |                                      |

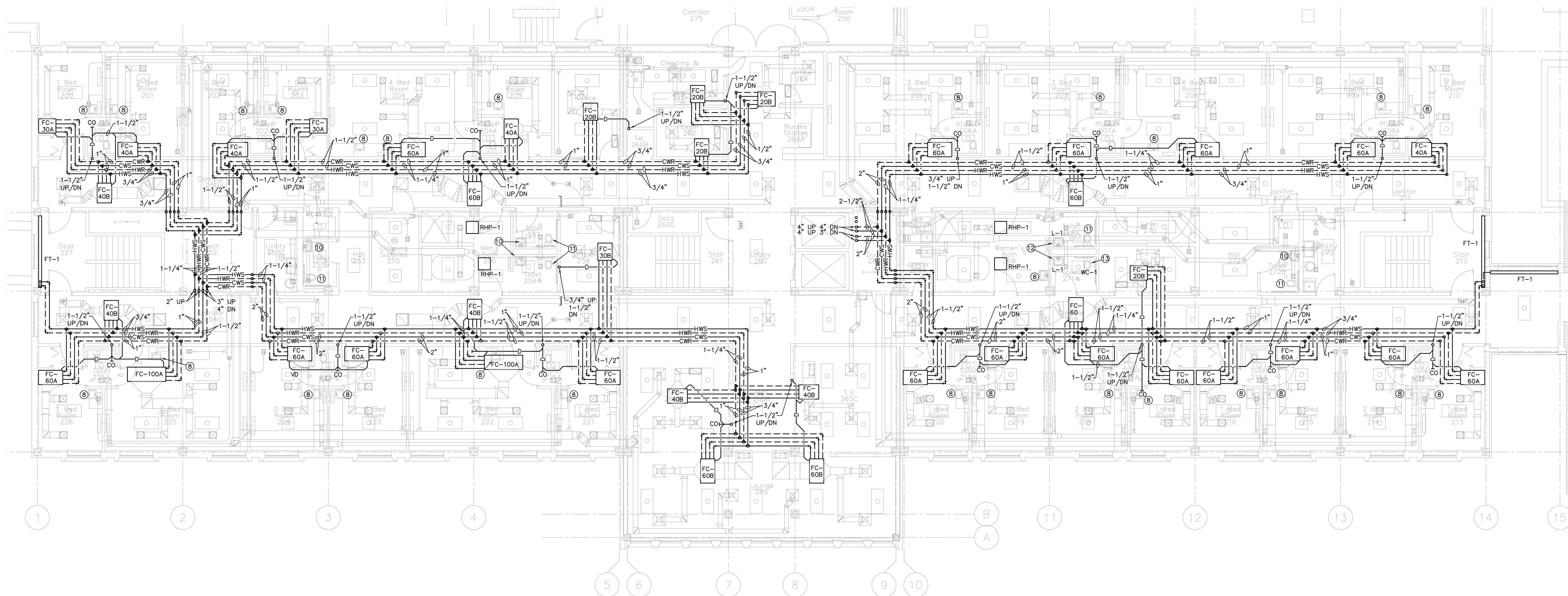
- GENERAL NOTES:
- A. CONSTRUCTION IS TO BE COMPLETED IN PHASES. SEE PHASE PLAN FOR ADDITIONAL INFORMATION. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY CAPPING OF DUCT AND PIPING.
  - B. SUPPORT EXISTING ELECTRICAL, DATA, PHONE, AND TV WIRING WHERE REQUIRED WHEN PIPING, DUCTWORK, CEILING, ETC. ARE REMOVED. PROTECT WIRING FROM BEING DAMAGED DURING DEMO AND CONSTRUCTION. ANY DAMAGED CABLEING, WIRING, OR RACEWAY SHALL BE REPLACED IN ITS ENTIRETY.
  - C. COORDINATE ITEMS TO BE SALVAGED WITH OWNER.
  - D. IF ANY MATERIAL IS SUSPECTED TO CONTAIN ASBESTOS CONTACT OWNER FOR REMOVAL.
  - E. GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL HOLES LEFT FROM REMOVING PIPES, DUCT, AND EQUIPMENT.
  - F. PRIOR TO INSTALLATION FIELD VERIFY EXISTING UTILITIES AND EXISTING CONDITIONS. COORDINATE WITH NEW WORK.
  - G. NOTIFY ARCHITECT AND ENGINEER IN WRITING OF ANY INTERFERENCE FOR DIRECTION.
  - H. DO NOT ROUTE ITEMS ABOVE ELECTRICAL PANELS. ALSO PROVIDE A MINIMUM FOUR FEET CLEARANCE IN FRONT AND 30 INCHES CLEARANCE FROM CENTER OF PANEL TO EITHER SIDE.
  - I. CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING PENETRATIONS THROUGH EXISTING WALLS AND FLOORS. COORDINATE PENETRATIONS THROUGH FLOOR WITH CONCRETE STRUCTURAL TEES. DO NOT CUT THROUGH STRUCTURAL TEES. ADDITIONAL FITTINGS MAY BE REQUIRED TO OFFSET AROUND STRUCTURAL TEES FROM FLOOR TO FLOOR.
  - J. UNLESS OTHERWISE SHOWN OR NOTED ON THESE PLANS INSTALL ALL PIPING AS HIGH AS POSSIBLE OR TIGHT TO STRUCTURE IN THE JOIST SPACE. COORDINATE LAYOUT WITH OTHER TRADES.
  - K. DO NOT COMPROMISE EXISTING STRANDS AT POST-TENSIONED SLAB CONSTRUCTION, SEE STRUCTURAL SHEETS.
- SHEET NOTES: (SYMBOLS ①, ②, ETC.)
1. ELECTRICAL PANELS (TYPICAL).
  2. HEATING HOT WATER ENERGY METER AND CONTROL PANEL. MOUNT THE CONTROL PANEL ON A UNI-STRUT STAND SUPPORTED FROM FLOOR TO ROOF STRUCTURE.
  3. CHILLED WATER ENERGY METER AND CONTROL PANEL.
  4. ROUTE FULL SIZE EQUIPMENT DRAIN TO CLOSEST FLOOR DRAIN.
  5. ROUTE DRAIN PIPING DOWN TO SINK.
  6. INSTALL A CONDENSATE DRAIN PUMP ON THIS UNIT.
  7. CONNECT 3 - 3" RUBBER HOSES FROM 4" MANIFOLD SUPPLIED BY HUMIDIFIER MANUFACTURER TO THE DISPERSION TUBES IN AIR HANDLER. SUPPORT RUBBER HOSES FROM MANIFOLD TO AIR HANDLING UNIT WITH UNISTRUT STAND. TYPICAL OF BOTH STEAM GENERATORS.
  8. PROVIDE VINYL-INSULATING LAY-SHIELD COVER ON WATER AND WASTE PIPING AND ACCESSORIES UNDER LAVATORY TO MEET ADA REQUIREMENTS.
  9. INSTALL 1-1/2" EQUIPMENT DRAIN. CORE DRILL FLOOR TO ACCOMMODATE REQUIRED TRAP DEPTH. SEE CORE DRILL THROUGH EXISTING FLOOR DETAIL.
  10. RELOCATED LAVATORY. ROUTE 1/2" COLD/HOT WATER AND 1-1/2" WASTE PIPING TO NEAREST MAIN LOCATED IN FLOOR BELOW. PROVIDE WITH NEW FIXTURE CARRIER AND FAUCET (F-1).
  11. RELOCATED WATER CLOSET. ROUTE 1-1/4" COLD WATER AND 3" WASTE PIPING TO NEAREST MAIN LOCATED IN FLOOR BELOW. PROVIDE WITH NEW FIXTURE CARRIER.
  12. ROUTE 1/2" COLD/HOT WATER AND 1/2" WASTE PIPING TO NEAREST MAIN LOCATED IN EXISTING PIPING CHASE.
  13. ROUTE 1-1/4" COLD WATER AND 3" WASTE PIPING TO NEAREST MAIN LOCATED IN EXISTING PIPING CHASE.
  14. 4" LPS TO HEAT EXCHANGER, TYPICAL FOR HX-1,2,3.
  15. 1-1/2" CD TO HEAT EXCHANGER, TYPICAL FOR HX-1,2,3.
  16. 3" HWS AND HWR TO HEAT EXCHANGER AND PUMP, TYPICAL FOR HX-1,2,3 AND HWP-1,2,3.
  17. 2-1/2" LPS TO HEAT EXCHANGER, TYPICAL FOR EX-4,5,6.
  18. 1-1/4" CD TO HEAT EXCHANGER, TYPICAL FOR HX-4,5,6.
  19. 2-1/2" HWS AND HWR TO HEAT EXCHANGER AND PUMP, TYPICAL FOR HX-4,5,6 AND HWP-4,5,6.

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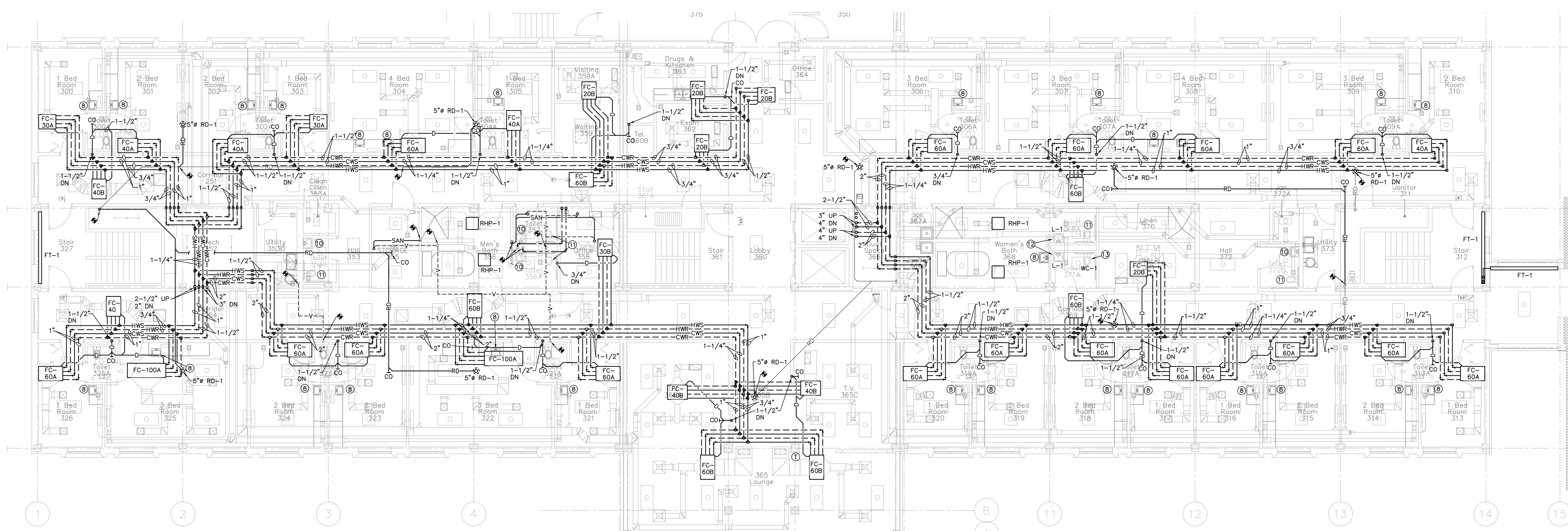
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**1 WWII SECOND LEVEL MECH. PIPING PLAN**  
SCALE: 1/8" = 1'-0"



- GENERAL NOTES:
- CONSTRUCTION IS TO BE COMPLETED IN PHASES. SEE PHASE PLAN FOR ADDITIONAL INFORMATION. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY CAPPING OF DUCT AND PIPING.
  - SUPPORT EXISTING ELECTRICAL, DATA, PHONE, AND TV WIRING WHERE REQUIRED WHEN PIPING, DUCTWORK, CEILING, ETC. ARE REMOVED. PROTECT WIRING FROM BEING DAMAGED DURING DEMO AND CONSTRUCTION. ANY DAMAGED CABLING, WIRING, OR RACEWAY SHALL BE REPLACED IN ITS ENTIRETY.
  - COORDINATE ITEMS TO BE SALVAGED WITH OWNER.
  - IF ANY MATERIAL IS SUSPECTED TO CONTAIN ASBESTOS CONTACT OWNER FOR REMOVAL.
  - GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL HOLES LEFT FROM REMOVING PIPES, DUCT, AND EQUIPMENT.
  - PRIOR TO INSTALLATION FIELD VERIFY EXISTING UTILITIES AND EXISTING CONDITIONS. COORDINATE WITH NEW WORK.
  - NOTIFY ARCHITECT AND ENGINEER IN WRITING OF ANY INTERFERENCE FOR DIRECTION.
  - DO NOT ROUTE ITEMS ABOVE ELECTRICAL PANELS. ALSO PROVIDE A MINIMUM FOUR FEET CLEARANCE IN FRONT AND 30 INCHES CLEARANCE FROM CENTER OF PANEL TO EITHER SIDE.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING PENETRATIONS THROUGH EXISTING WALLS AND FLOORS. COORDINATE PENETRATIONS THROUGH FLOOR WITH CONCRETE STRUCTURAL TEES. DO NOT CUT THROUGH STRUCTURAL TEES. ADDITIONAL FITTINGS MAY BE REQUIRED TO OFFSET AROUND STRUCTURAL TEES FROM FLOOR TO FLOOR.
  - UNLESS OTHERWISE SHOWN OR NOTED ON THESE PLANS INSTALL ALL PIPING AS HIGH AS POSSIBLE OR TIGHT TO STRUCTURE IN THE EXISTING SPACE. COORDINATE LAYOUT WITH OTHER TRADES.
  - DO NOT COMPROMISE EXISTING STRANDS AT POST-TENSIONED SLAB CONSTRUCTION. SEE STRUCTURAL SHEETS.

- SHEET NOTES: (SYMBOLS (1), (2), ETC.)
- ELECTRICAL PANELS (TYPICAL).
  - HEATING HOT WATER ENERGY METER AND CONTROL PANEL. MOUNT THE CONTROL PANEL ON A UNI-STRUT STAND SUPPORTED FROM FLOOR TO ROOF STRUCTURE.
  - CHILLED WATER ENERGY METER AND CONTROL PANEL.
  - ROUTE FULL SIZE EQUIPMENT DRAIN TO CLOSEST FLOOR DRAIN.
  - ROUTE DRAIN PIPING DOWN TO SINK.
  - INSTALL A CONDENSATE DRAIN PUMP ON THIS UNIT.
  - CONNECT 3 - 3" RUBBER HOSES FROM 4" MANIFOLD SUPPLIED BY HUMIDIFIER MANUFACTURER TO THE DISPERSION TUBES IN AIR HANDLER. SUPPORT RUBBER HOSES FROM MANIFOLD TO AIR HANDLING UNIT WITH UNISTRUT STAND. TYPICAL OF BOTH STEAM GENERATORS.
  - PROVIDE VINYL-INSULATING LAY-SHIELD COVER ON WATER AND WASTE PIPING AND ACCESSORIES UNDER LAVATORY TO MEET ADA REQUIREMENTS.
  - INSTALL 1-1/2" EQUIPMENT DRAIN. CORE DRILL FLOOR TO ACCOMMODATE REQUIRED TRAP DEPTH. SEE CORE DRILL THROUGH EXISTING FLOOR DETAIL.
  - RELOCATED LAVATORY. ROUTE 1/2" COLD/HOT WATER AND 1-1/2" WASTE PIPING TO NEAREST MAIN LOCATED IN FLOOR BELOW. PROVIDE WITH NEW FIXTURE CARRIER AND FAUCET (F=1).
  - RELOCATED WATER CLOSET. ROUTE 1-1/4" COLD WATER AND 3" WASTE PIPING TO NEAREST MAIN LOCATED IN FLOOR BELOW. PROVIDE WITH NEW FIXTURE CARRIER.
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  - 4" LPS TO HEAT EXCHANGER, TYPICAL FOR HX-1,2,3.
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  - 3" HWS AND HWR TO HEAT EXCHANGER AND PUMP, TYPICAL FOR HX-1,2,3 AND HWP-1,2,3.
  - 2-1/2" LPS TO HEAT EXCHANGER, TYPICAL FOR EX-4,5,6.
  - 1-1/4" CD TO HEAT EXCHANGER, TYPICAL FOR HX-4,5,6.
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CLIENT INFORMATION  
**State of Nebraska**

PROJECT INFORMATION  
**Grand Island Veterans Home Phillips & WWII Building**

2300 West Capital Avenue  
Grand Island NE 68803

Job # 07-0157

ISSUE DATE: 12-19-2011

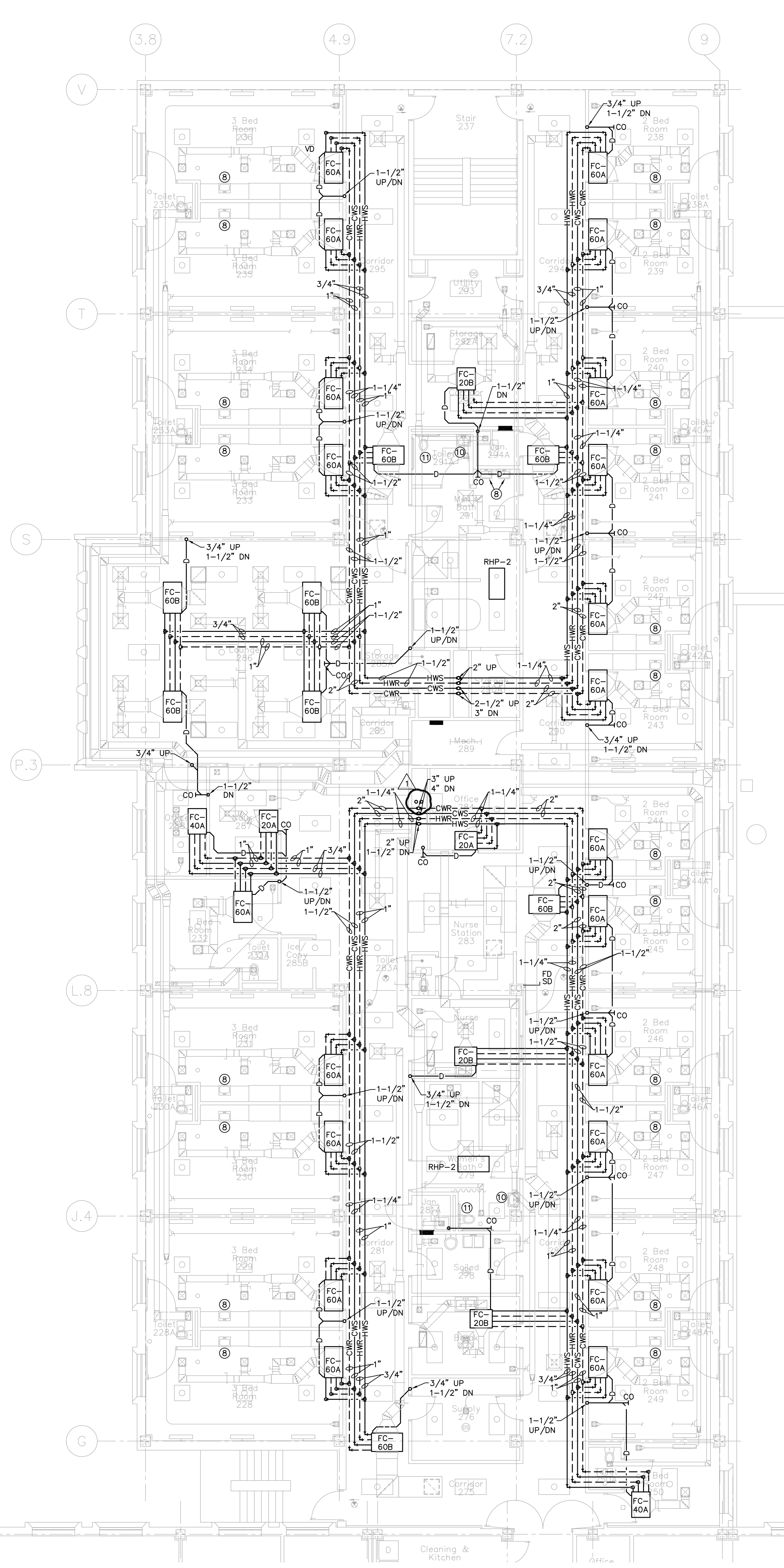
Revisions:  
1 01-25-2012 ADDENDUM NO. 3

CHECKED: DLR LNK  
DESIGNED: JLS  
DRAWN: DAVIS DESIGN. ALL RIGHTS RESERVED.

SHEET TITLE  
**Phillips Second & Third Level Mech. Piping Plans**

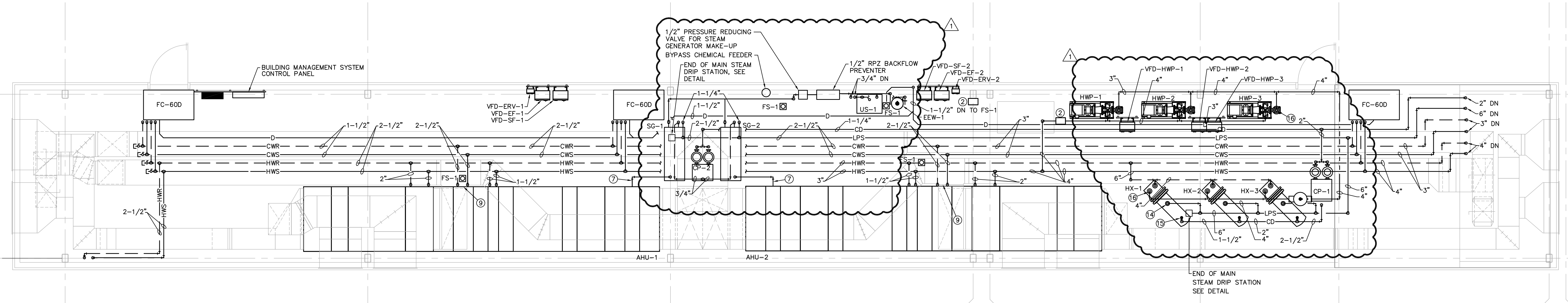
SHEET NUMBER  
**M-205**

REVISED  
ROOF DRAINS  
& ROOF  
DRAIN PIPING

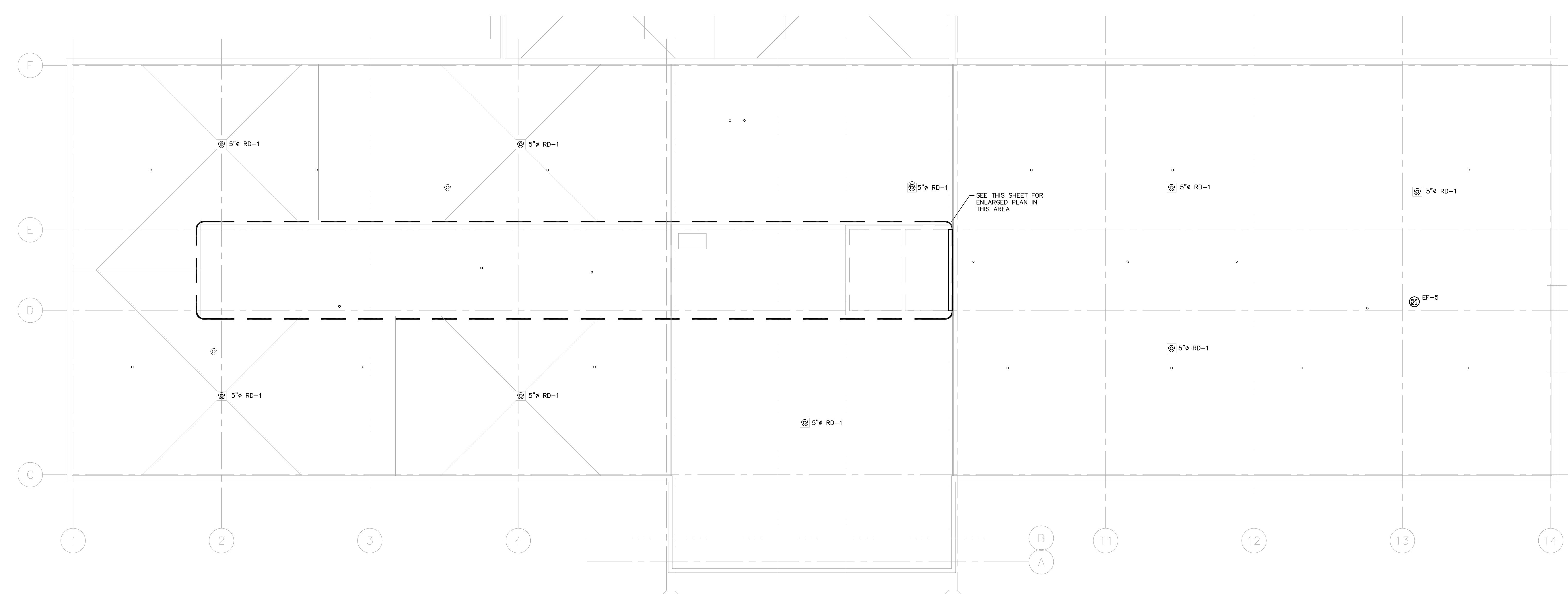


GENERAL NOTES:

- A. CONSTRUCTION IS TO BE COMPLETED IN PHASES. SEE PHASE PLAN FOR ADDITIONAL INFORMATION. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY CAPPING OF DUCT AND PIPING.
  - B. SUPPORT EXISTING ELECTRICAL, DATA, PHONE, AND TV WIRING WHERE REQUIRED WHEN PIPING, DUCTWORK, CEILING, ETC. ARE REMOVED. PROTECT WIRING FROM BEING DAMAGED DURING DEMO AND CONSTRUCTION. ANY DAMAGED CABLING, WIRING, OR RACEWAY SHALL BE REPLACED IN ITS ENTIRETY.
  - C. COORDINATE ITEMS TO BE SALVAGED WITH OWNER.
  - D. IF ANY MATERIAL IS SUSPECTED TO CONTAIN ASBESTOS CONTACT OWNER FOR REMOVAL.
  - E. GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL HOLES LEFT FROM REMOVING PIPES, DUCT, AND EQUIPMENT.
  - F. PRIOR TO INSTALLATION FIELD VERIFY EXISTING UTILITIES AND EXISTING CONDITIONS. COORDINATE WITH NEW WORK.
  - G. NOTIFY ARCHITECT AND ENGINEER IN WRITING OF ANY INTERFERENCE FOR DIRECTION.
  - H. DO NOT ROUTE ITEMS ABOVE ELECTRICAL PANELS. ALSO PROVIDE A MINIMUM FOUR FEET CLEARANCE IN FRONT AND 30 INCHES CLEARANCE FROM CENTER OF PANEL TO EITHER SIDE.
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  3. CHILLED WATER ENERGY METER AND CONTROL PANEL.
  4. ROUTE FULL SIZE EQUIPMENT DRAIN TO CLOSEST FLOOR DRAIN.
  5. ROUTE DRAIN PIPING DOWN TO SINK.
  6. INSTALL A CONDENSATE DRAIN PUMP ON THIS UNIT.
  7. CONNECT 3 - 3" RUBBER HOSES FROM 4" MANIFOLD SUPPLIED BY HUMIDIFIER MANUFACTURER TO THE DISPERSION TUBES IN AIR HANDLER. SUPPORT RUBBER HOSES FROM MANIFOLD TO AIR HANDLING UNIT WITH UNI-STRUT STAND. TYPICAL OF BOTH STEAM GENERATORS.
  8. PROVIDE VINYL-INSULATING LAY-SHIELD COVER ON WATER AND WASTE PIPING AND ACCESSORIES UNDER LAVATORY TO MEET ADA REQUIREMENTS.
  9. INSTALL 1-1/2" EQUIPMENT DRAIN. CORE DRILL FLOOR TO ACCOMMODATE REQUIRED TRAP DEPTH. SEE CORE DRILL THROUGH EXISTING FLOOR DETAIL.
  10. RELOCATED LAVATORY. ROUTE 1/2" COLD/HOT WATER AND 1-1/2" WASTE PIPING TO NEAREST MAIN LOCATED IN FLOOR BELOW. PROVIDE WITH NEW FIXTURE CARRIER AND FAUCET (F-1).
  11. RELOCATED WATER CLOSET. ROUTE 1-1/4" COLD WATER AND 3" WASTE PIPING TO NEAREST MAIN LOCATED IN FLOOR BELOW. PROVIDE WITH NEW FIXTURE CARRIER.
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  14. 4" LPS TO HEAT EXCHANGER, TYPICAL FOR HX-1,2,3.
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  16. 3" HWS AND HWR TO HEAT EXCHANGER AND PUMP, TYPICAL FOR HX-1,2,3 AND HWP-1,2,3.
  17. 2-1/2" LPS TO HEAT EXCHANGER, TYPICAL FOR EX-4,5,6.
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  19. 2-1/2" HWS AND HWR TO HEAT EXCHANGER AND PUMP, TYPICAL FOR HX-4,5,6 AND HWP-4,5,6.



**WWII PENTHOUSE MECH. PIPING PLAN**  
 SCALE: 1/4" = 1'-0"



**WWII ROOF LEVEL MECH. PIPING PLAN**  
 SCALE: 1/8" = 1'-0"

**REVISED  
 ROOF DRAINS  
 & ROOF  
 DRAIN PIPING**

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**PROJECT INFORMATION**  
 Grand Island Veterans Home Phillips & WWII Building

2300 West Capital Avenue  
 Grand Island NE 68803

Job # 07-0157

ISSUE DATE: 12-19-2011

Revisions:  
 1. 11-29-2012 ADDENDUM NO. 3

CHECKED: DMR L BK  
 AUTHORIZED: DAVIS DESIGN ALL RIGHTS RESERVED

**SHEET TITLE**  
 WWII Roof Level Mech. Piping Plan

**SHEET NUMBER**  
 M-206



P:\Projects\2012\07-0157\07-0157-01\07-0157-01-01.dwg  
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 USER: DAVIS DESIGN  
 PLOT: 12/19/2011 10:39:00 AM  
 PLOTTER: HP DesignJet 5000PS  
 PLOT SCALE: 1/8" = 1'-0"  
 PLOT SHEETS: 11/11  
 PLOT STATUS: SUCCESS  
 PLOT FILE: 07-0157-01-01.dwg  
 PLOTTER: HP DesignJet 5000PS  
 PLOT SCALE: 1/8" = 1'-0"  
 PLOT SHEETS: 11/11  
 PLOT STATUS: SUCCESS

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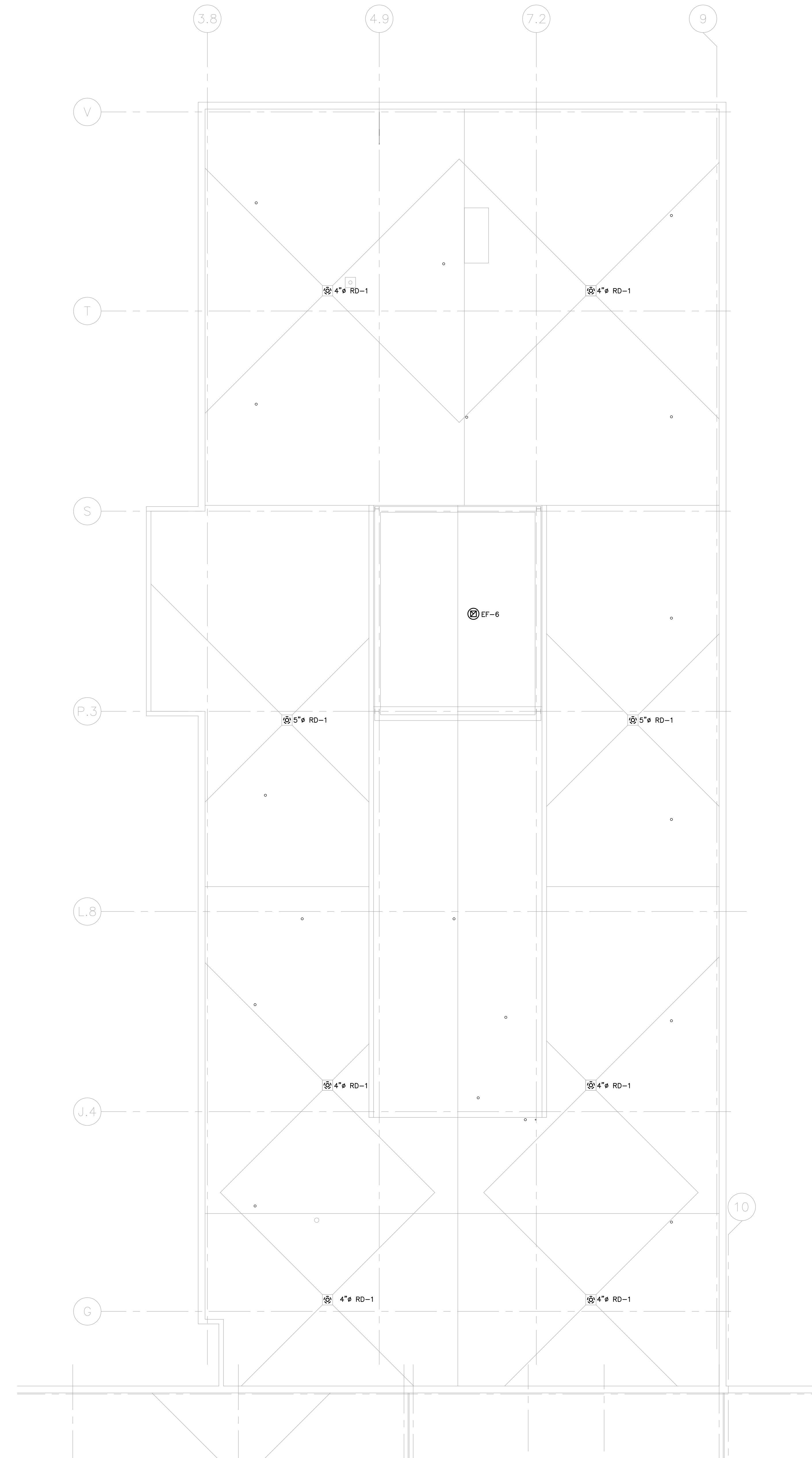
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AUTOR: DMR

DESIGNED: DAVIS DESIGN  
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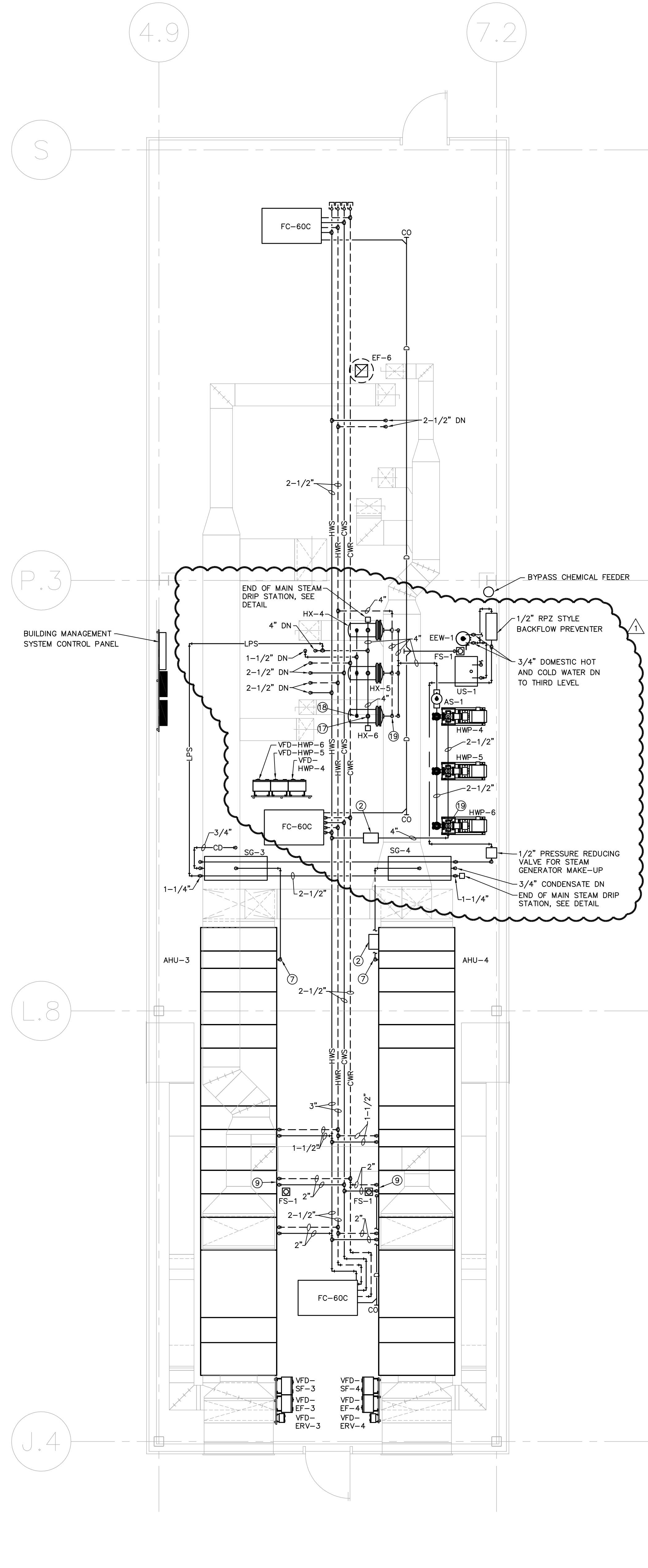
SHEET TITLE  
**Phillips Roof Level & Penthouse Mech. Piping Plans**

SHEET NUMBER  
**M-207**

**REVISED  
ROOF DRAINS  
& ROOF  
DRAIN PIPING**



**PHILLIPS ROOF LEVEL MECH. PIPING PLAN**  
SCALE: 1/8" = 1'-0"



**PHILLIPS PENTHOUSE MECH. PIPING PLAN**  
SCALE: 1/4" = 1'-0"

**KEY PLAN**  
NOT TO SCALE

DATE: 12-19-2011  
 DWG: M-207  
 PLOT: 12-19-2011 10:23:00  
 PLOTTER: HP DesignJet 2450  
 PLOT SCALE: 1/8" = 1'-0"  
 PLOT SHEETS: 1/18  
 PLOT TOTAL: 1/18  
 PLOTTER: HP DesignJet 2450  
 PLOT SCALE: 1/8" = 1'-0"  
 PLOT SHEETS: 1/18  
 PLOT TOTAL: 1/18