



STATE OF NEW YORK
OFFICE OF GENERAL SERVICES
DESIGN AND CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242



ADDENDUM NO. 1 TO PROJECT NOS. 41696

**CONSTRUCTION WORK, HVAC WORK, PLUMBING WORK, ELECTRIC WORK
REPAIR CELL BACKS AND UPGRADE HVAC & PLUMBING BLOCK H
GREEN HAVEN CORRECTIONAL FACILITY
594 ROUTE 216
STORMVILLE, NEW YORK 12582-0010**

March 20, 2013

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual.
Acknowledge receipt of this Addendum in the space provided on the Bid Form.

CONSTRUCTION CONTRACT:

SPECIFICATIONS

1. **SECTION 011000 SUMMARY OF THE WORK:** Add the following paragraph

1.03. PHASING OR SEQUENCING OF WORK

“B. Each cell block is divided into two sides. In H Block, each side has an open gallery with 3 stories, for a total of 252 cells.

1. The Director’s Representative and the facility will determine the order of construction for the cell blocks at the initial project meeting but the intent is to start at the top of the cell block 3rd floor level for work inside the cell blocks.
2. A detailed proposed phasing plan for all contracts has been prepared on drawing sheet A-002 inclusive of abatement of Asbestos Containing Materials and lead paint.
3. The Work of this project shall consist of 5 phases. Under phase 4 the main work within the 252 cells will be done in 16 groups or steps and shall be defined as one whole side of one cell block to include all 3 levels. The time allocated to perform the Work of each Group is approx. 33 days maximum from start to completion.
 - a. It is anticipated that 21 cells will be vacated at one time.
 - b. Phase 1 Work will begin in the Attic area and the Utility Corridor.
 - c. Phase 4 Work will begin at the 3rd floor, second floor and 1st floor of south side with Group 1 and progress along that side and then to north side until all work is completed through Group 16. Substantially complete the Work of each Group before commencing the Work of the next Group, except that HVAC and Electric Work Contracts shall be able to move ahead of phasing in attic areas as permitted by the Director’s Representative. Complete each phase and address Director’s Representative’s final inspection items in the cells before the inmates are returned to their cells and before the next group of inmates begin to move out.

ADDENDUM NO. 1 TO PROJECT NO. 41696

4. See the phasing plan drawing A-002 for more complete details of each contract's work coordination within each phase.
 - a. Construction Work including abatement.
 - b. Heating Work.
 - c. Plumbing Work.
 - d. Electric Work.”

2. SECTION 051200 STRUCTURAL STEEL:

2.02 STRUCTURAL STEEL CHANNELS, PLATES AND ANGLES: Add the following sentence to the end of the paragraph.

“Install Galvanize lintels in exterior walls at louver openings type A.”

3. SECTION 099101 CONSTRUCTION PAINTING:

2.03 FINISH PAINT TYPES, add

“D. Exterior Finish Paint Type.

1. Paint Type EAL-3: Exterior Acrylic Latex, Gloss Enamel.

- a. Solids by Weight: 40.0 percent.
- b. Solids by Volume: 32.0 percent.
- c. Solvent: Water.
- d. Vehicle: 100 percent acrylic resin.
- e. Weight Per Gallon: 10.0 lbs.
- f. Wet Film Thickness: 3.4 mils.
- g. Dry Film Thickness: 1.2 mils.
- h. Manufacturers: Benjamin Moore, PPG, Sherwin- Williams.”

3.02 PREPARATION: add to 3.02C1-a:

“2) Because abrasive blast cleaning is a hazardous operation, all work shall be conducted in compliance with applicable occupational and environmental health and safety rules and regulations. Also refer to Section 015000 Construction Facilities and Temporary Controls part 1.06 and part 1.07 for protection of work and existing property and also for Barriers and Enclosures. It will be the C-Contract's responsibility to provide proper containment for the commercial blast cleaning system that they chose. Such containment must be stated in the Contractor's Work Plan and be approved by the Director's Representative.”

DRAWINGS

1. **Drawing A-001, SUMMARY OF WORK, C-CONTRACT :** add
“No. 12. THE REMOVAL OF THE LIGHT FIXTURE MOUNTED ON THE CELL CEILING SHALL BE PERFORMED BY C-CONTRACT AND THE E-CONTRACT SHALL COORDINATE THE ELECTRICAL POWER SHUT-OFF WITH THE LIGHT FIXTURE REMOVAL. BOTH CONTRACTS SHALL COORDINATE POWER SHUT-OFFS WITH THE DIRECTOR'S REPRESENTATIVE. ABATE THE CEILING SURFACE OF LEAD PAINT TO FACILITATE THE CLOSURE TASKS OF THE REMAINING CEILING OPENING BY E-CONTRACT.”
2. **Drawing A-001, SUMMARY OF WORK, C-CONTRACT :** add

ADDENDUM NO. 1 TO PROJECT NO. 41696

“No. 13. THE REMOVAL OF MASONRY ASSOCIATED WITH A LARGER LOUVER OPENING AT THE ATTIC LEVEL SHALL BE THE RESPONSIBILITY OF THE C-CONTRACT AND THE WORK AS SHOWN ON ADDENDA DRAWING A-106 ATTACHED TO THIS ADDENDUM NO. 1.”

3. **Drawing A-102 : ATTIC PLAN AND DETAILS;** Detail 6 ATTIC PLAN; Change reference to HRU#1 on left hand partial plan to HRU#2. Change drawing reference note at the bottom right corner of the left partial plan and the bottom left corner of the right partial plan from 4/A-105 to 9/A-105. In addition, one of each of these pairs of openings will have some additional work as covered in the Addenda Drawing A-106.
4. **Addendum Drawing:** Drawing A-106 (Louver Details and Building Elevation) dated March 18, 2013, accompanies this Addendum and forms part of the Contract Documents. Print this drawing in size 24”x36” format.

HVAC CONTRACT:

SPECIFICATIONS

1. SECTION 079200 JOINT SEALERS:
Add the following paragraphs to Part 2.01:

“D. Type 1D Sealant: One-part, mildew resistant silicone sealant; Dow Corning 786, Dow Corning Tub and Ceramic, Pecora 898 Sanitary Silicone, General Electric Sanitary SCS1700, or Bostik Silicone Rubber Bathroom Caulk.

E. Type 6 Sealant (flexible security sealant):
1. One-component 25% total joint movement, elastomeric, aliphatic, polyurethane; Pecora Dynaflex SC, Sonneborn Sonolastic Ultra.”

Add the following sub-paragraphs to Part 2.02.A:

- “1. For Type 6 Sealant (one component):
 - a. Pecora No. P120 for non-porous substrates.
 - b. Pecora No. P75 or P150 for porous substrates.
 - c. Sonneborn No. 733 or 766 for porous or non-porous substrates.”

Insert the following paragraphs into Part 3.02.C and renumber paragraphs “1” and “2” to “2” and “3”:

- “1. Prime joints which are to receive Type 6 Sealants.”

2. SECTION 230523 VALVES: **Add** the following paragraphs:

“2.08 GATE VALVES

- A. Type A: 125 psig WSP, 200 psig WOG, bronze body, union bonnet, solid wedge disc, and threaded ends. Acceptable Valves: Crane 428UB, Hammond IB617, Jenkins 47CU, Milwaukee 1152, Nibco T134, and Stockham B105.

ADDENDUM NO. 1 TO PROJECT NO. 41696

- B. Type C: 125 psig WSP, 200 psig WOG up to 12 inch size; IBBM OS&Y, bolted bonnet, solid wedge disc, and threaded or flanged ends depending on size. Acceptable Valves: Crane 464-1/2 & 465-1/2, Hammond IR1140, Milwaukee F2885, Nibco T6170 & F6170, and Stockham G620 & G623.”

Replace Part 3.02 VALVE APPLICATION SCHEDULE - Part A with the following:
“

- A. Schedule of valve applications for the different services is as follows:
 - 1. Condensate Returns (LPR) 125 psig and less:
 - a. 4 inches and less: A or C gates, J globes or angles, and S checks.
 - 2. Steam (LPS) 125 psig and less:
 - a. 4 inches and less: A or C gates, J globes or angles, and S checks.”

3. SECTION 237313 AIR HANDLING UNITS:

Add the following paragraphs to Part 3.01.G:

- “10. Provide manufacturer’s technical representative to witness and inspect on site disassembly of factory supplied components prior to transportation to attic. Provide manufacturer’s technical representative to witness and inspect installation, start-up and operation, and to provide minimum 2 hours of demonstration and training to Facility personnel.”

Replace the letter “B” designation for the last paragraph in Part 3.01 with the letter “H”.

4. SECTION 230923 DIRECT DIGITAL BUILDING CONTROL SYSTEM:

Add Part 3.02.F as follows:

- “F. Turn over all existing instrument controllers, computer workstations and printers that have been removed to the Director’s Representative.”

Add the following paragraphs to Part 3.05.A.3:

“

- a. Upon detection of a low limit alarm in the exhaust leaving air temperature the heat exchanger face and bypass dampers shall modulate to maintain exhaust leaving air temperature minimum setpoint. The face and bypass damper shall modulate based on outdoor air temperature starting at full bypass damper closed (0% bypass) at initial low limit detection of 22°F to a bypass airflow quantity of 3,970 CFM (70% bypass) at 2°F outdoor air temperature.”

5. SECTION 232201 STEAM SPECIALITIES

Add the following paragraph to Part 3.01:

- “B. Provide manufacturer’s technical representative to inspect installation, start-up and operation, and to provide minimum 2 hours of demonstration and training to Facility personnel.”

ADDENDUM NO. 1 TO PROJECT NO. 41696

DRAWINGS

6. **Add** Drawing M-106 dated March 18, 2013. Drawing accompanies this Addendum and forms part of the Contract Documents.
7. **Add** Drawing M-107 dated March 18, 2013. Drawing accompanies this Addendum and forms part of the Contract Documents.
8. **Add** Drawing M-503 dated March 18, 2013; **ADD DETAIL 5 TYPICAL LOUVER CONNECTION**. Drawing accompanies this Addendum and forms part of the Contract Documents.
9. **Add** Drawing M-701 dated March 18, 2013; **REVISE DETAIL 4**. Drawing accompanies this Addendum and forms part of the Contract Documents.

P CONTRACT

SPECIFICATIONS

1. **SECTION 220700 PIPING INSULATION:** Add the following paragraphs to Part 2.02:

“D. PVC Jacketing:

1. Encase fiberglass and calcium silicate pipe fittings insulation with one-piece premolded PVC fitting covers, fastened as per manufacturer's recommendations.
2. Encase all exposed pipe insulation with PVC pipe covers.
 - a. PVC jacketing thickness shall be 30 mil.
 - b. Bond all PVC seams with Polyco VP adhesive, or equal. Bond adhesive shall conform to ASTM D-2654.”
2. **SECTION 220700 PIPING INSULATION:** Add the following paragraph to Part 3 EXECUTION:

“3.08 SCHEDULE OF JACKETING FOR INSULATED PIPE

- A. Piping: Shall have a 0.030 inch minimum thickness PVC jacket with moisture barrier with locking longitudinal seam and butt straps. Fittings, valves, flanges, etc., shall have factory or job fabricated PVC cover secured with banding.”

DRAWINGS

NO ADDENDUM AT THIS TIME

E CONTRACT

ADDENDUM NO. 1 TO PROJECT NO. 41696

SPECIFICATIONS

NO ADDENDUM AT THIS TIME

DRAWINGS

1. **Drawing E-601:** add the following to comment column of type A fixture in the Lighting fixture schedule:

“Overall length of fixture shall be approximately 36”. Provide fixture with a flush mounted GFCI receptacle.”

2. **Drawing E-603:** add the following General Notes:

“H. PROVIDE TEMPORARY POWER AS REQUIRED IN AREAS OF THE CONSTRUCTION AND AREAS AFFECTED BY CONSTRUCTION NOT LIMITED TO THE FOLLOWING:

1. TEMPORARY LIGHTING AND RECEPTACLES IN AREAS OF WORK INDICATED ON DRAWINGS.
 2. LIFE SAFETY CIRCUITS AFFECTED BY REQUIRED SHUT DOWNS.
 3. AREAS AFFECTED BY REPLACEMENT OF PANELBOARDS.
 4. TEMPORARY POWER TO SERVE EQUIPMENT, SUCH AS WELDING MACHINES, FANS USED BY OTHER TRADES.
- I. COORDINATE SOURCE LOCATION OF TEMPORARY POWER, ROUTING AND INSTALLATION METHODS WITH DIRECTOR’S REPRESENTATIVE AND FACILITY.”

END OF ADDENDUM

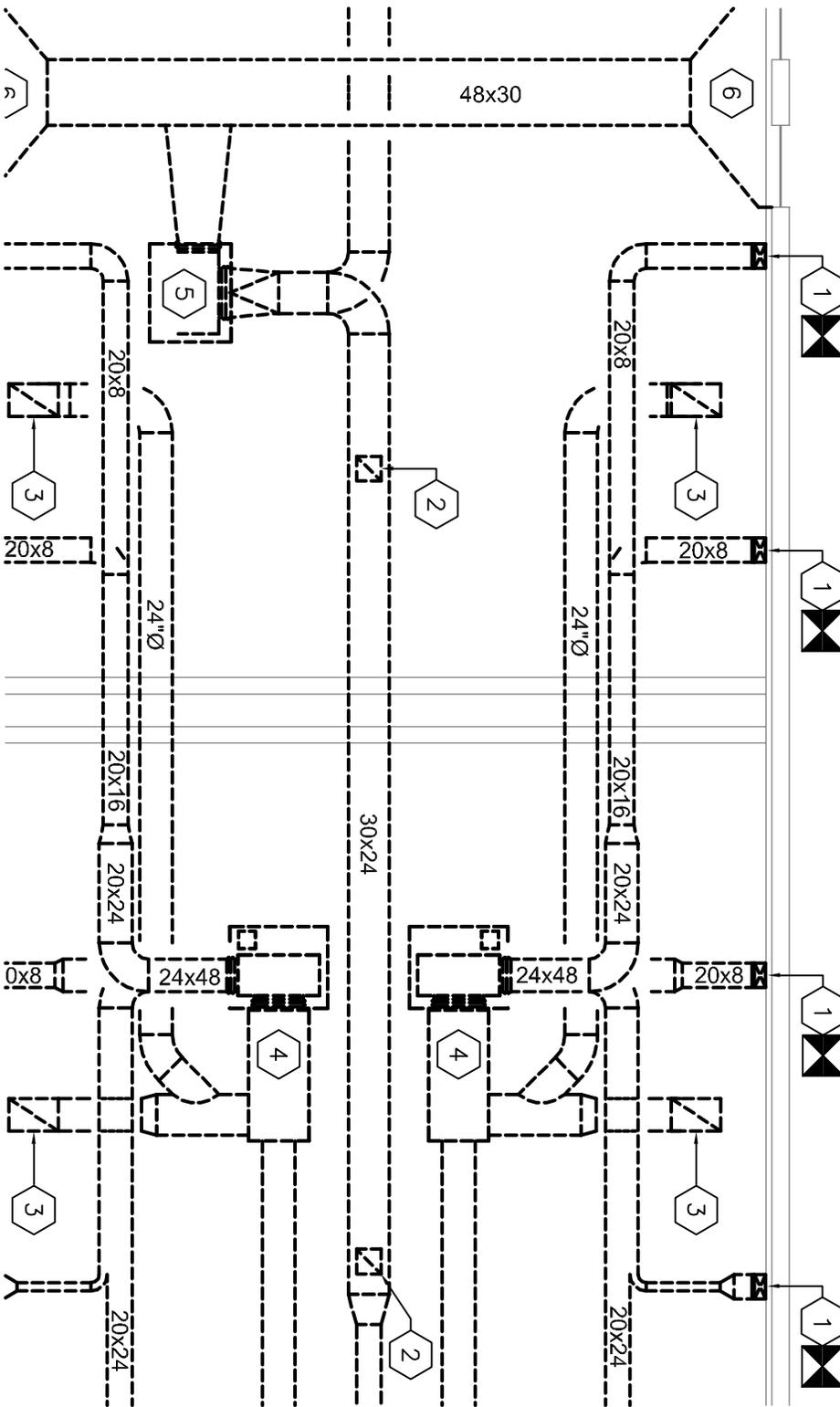
James Dirolf, P.E.
Director of Design

GENERAL NOTE:

- A. ALL EQUIPMENT, PIPING, AND DUCTWORK THAT IS TO BE REMOVED FROM THE ATTIC MUST BE BROKEN DOWN TO FIT THROUGH A 5 FT. BY 5 FT. OPENING IN THE ATTIC (FORMERLY THE LOUVER OPENING).
- B. THE EXISTING ATTIC FLOOR SYSTEM HAS VERY LITTLE RESERVE CAPACITY FOR CONSTRUCTION LOADING. DO NOT STORE/STOCKPILE CONSTRUCTION TOOLS, MATERIALS, AND/OR MECHANICAL EQUIPMENT ON THE ATTIC FLOOR DURING CONSTRUCTION.

KEYED REMOVAL I

- 1. REMOVE EXISTING 20x8 PENETRATION. PREPARE WITH REPLACEMENT SL
- 2. REMOVE EXISTING 18x11 PENETRATION. FLOOR I
- 3. REMOVE EXISTING 36x22 PENETRATION. FLOOR II
- 4. REMOVE EXISTING AIR F EQUIPMENT CURBS, ANI SUPPORTS.
- 5. REMOVE EXISTING EXH/ AND SUPPORTS.
- 6. REMOVE EXHAUST DUC DUCTWORK. EXISTING I



SHEET TITLE:
ADD GENERAL NOTES TO M-102

PROJECT:
REPAIR CELL BACKS AND UPGRADE
HVAC & PLUMBING BLOCK "H"

WARNING: THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

DWG NO:
M-106



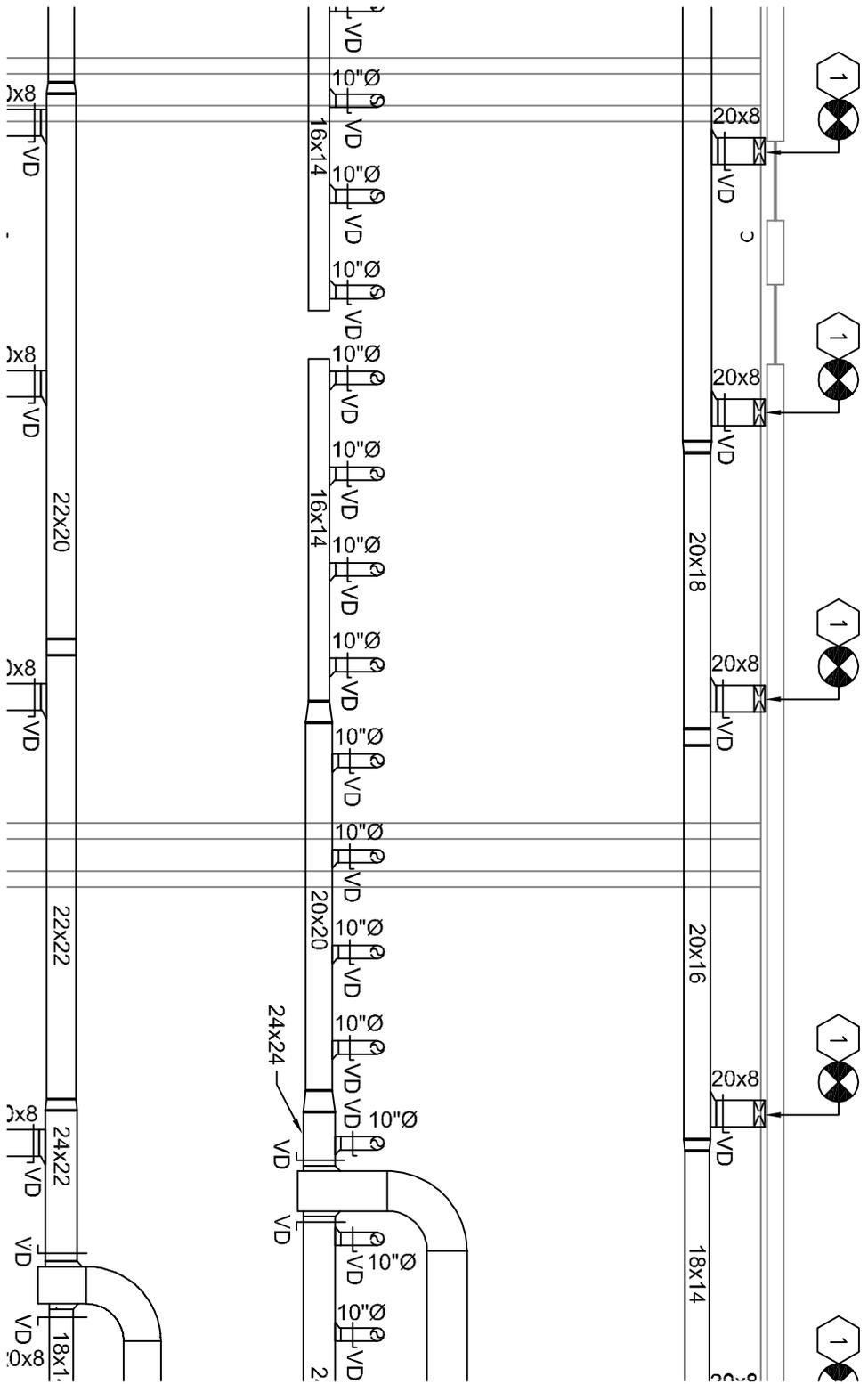
CONTRACT: H-CONTRACT
 PROJ. NO: 41696 - H
 DATE: 18 MARCH 2013
 DRAWN: KJK
 APPROVED: RDM

GENERAL NOTE:

- A. ALL EQUIPMENT, PIPING, AND DUCTWORK THAT IS TO BE REMOVED FROM THE ATTIC MUST BE BROKEN DOWN TO FIT THROUGH A 5 FT. BY 5 FT. OPENING IN THE ATTIC (FORMERLY THE LOUVER OPENING).
- B. THE EXISTING ATTIC FLOOR SYSTEM HAS VERY LITTLE RESERVE CAPACITY FOR CONSTRUCTION LOADING. DO NOT STORE/STOCKPILE CONSTRUCTION TOOLS, MATERIALS, AND/OR MECHANICAL EQUIPMENT ON THE ATTIC FLOOR DURING CONSTRUCTION.
- C. COORDINATE TIMING OF CUTTING WITH C-CONTRACT. OVERSIZING DUCT HOLES SHALL NOT BE PERMITTED.

KEYED NOTES: (#)

- 1. 20x8 SUPPLY DUCT DO CONNECT TO EXISTING PENETRATION.



SHEET TITLE:
ADD GENERAL NOTES TO M-105

PROJECT:
REPAIR CELL BACKS AND UPGRADE
HVAC & PLUMBING BLOCK "H"

WARNING: THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

DWG NO:
M-107

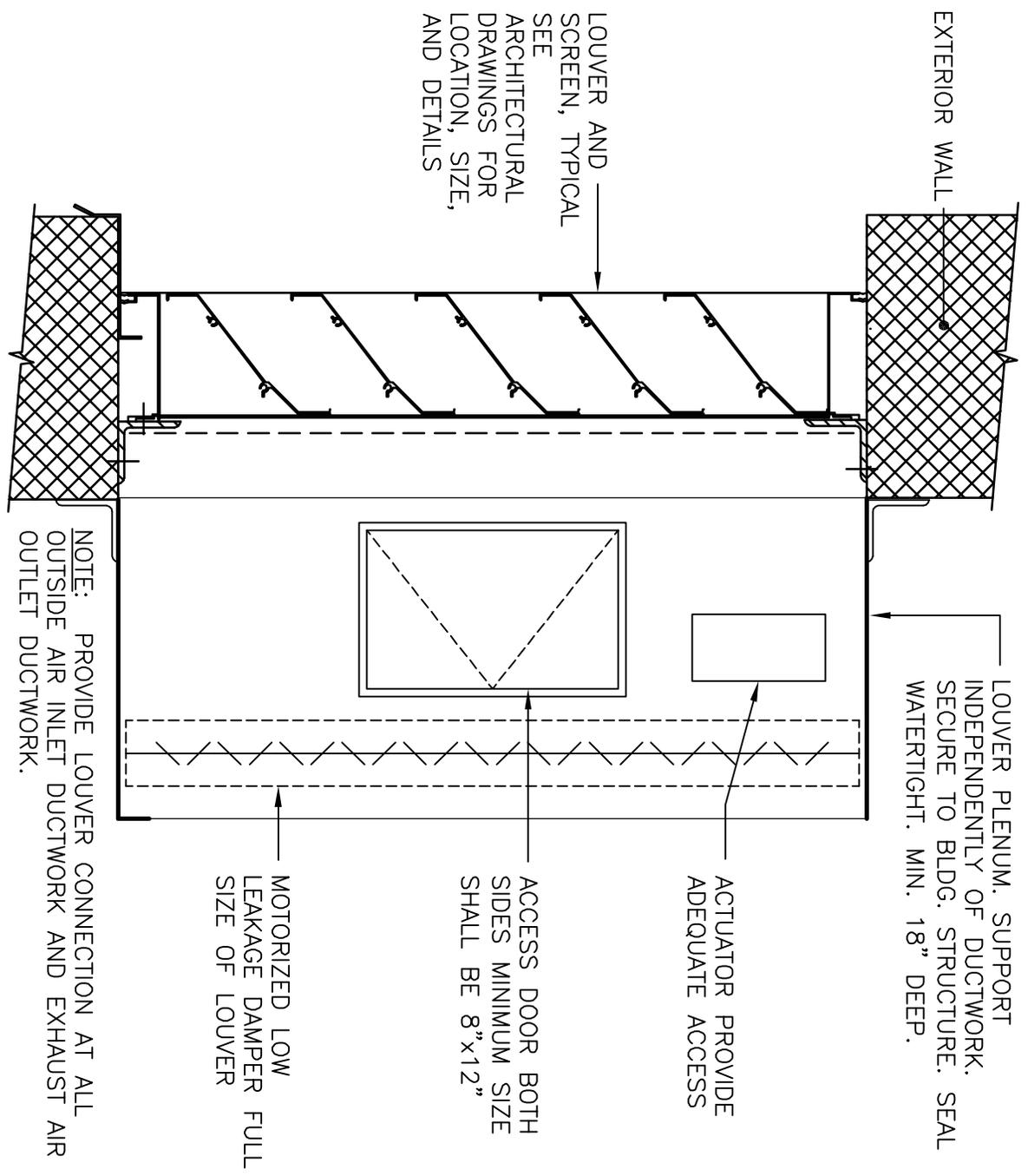


CONTRACT: H-CONTRACT
 PROJ. NO: 41696 - H
 DATE: 18 MARCH 2013
 DRAWN: KJK
 APPROVED: RDM

5

TYPICAL LOUVER CONNECTION DETAIL

SCALE: NTS



NOTE: PROVIDE LOUVER CONNECTION AT ALL OUTSIDE AIR INLET DUCTWORK AND EXHAUST AIR OUTLET DUCTWORK.

MOTORIZED LOW LEAKAGE DAMPER FULL SIZE OF LOUVER

ACCESS DOOR BOTH SIDES MINIMUM SIZE SHALL BE 8"x12"

ACTUATOR PROVIDE ADEQUATE ACCESS

LOUVER PLENUM. SUPPORT INDEPENDENTLY OF DUCTWORK. SECURE TO BLDG. STRUCTURE. SEAL WATERTIGHT. MIN. 18" DEEP.



CONTRACT: H-CONTRACT
 PROJ. NO: 41696 - H
 DATE: 18 MARCH 2013
 DRAWN: KJK
 APPROVED: RDM

SHEET TITLE:
 ADD DETAIL 5 TO M-502

PROJECT:
 REPAIR CELL BACKS AND UPGRADE HVAC & PLUMBING BLOCK "H"

WARNING: THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

DWG NO:
 M-503

