

ADDENDUM NUMBER 1

MARCIA COGGS HUMAN SERVICES CENTER
HVAC RENOVATIONS
Site #340, Bldg. #5600
1220 West Vliet Street
Milwaukee, WI

Project Number: P129-11608-02

Date of Addendum: November 23, 2011

This Addendum to the Contract Documents is issued to modify, explain or correct the original documents, dated November 7, 2011, and is hereby made part of the Contract Documents. Acknowledge receipt of this Addendum in the space provided on the Bid Form, or bid may be rejected.

BIDDING AND CONTRACT DOCUMENTS

1. SPECIFICATIONS

- a. Section 23 09 14 – PART 2 – PRODUCTS, 2.1 APPROVED MANUFACTURER, B.
 - i. Delete paragraph B.
- b. Section 23 09 15 – Add Outdoor Air Air Flow Station DDC Input/Output Summary Table. See Table 23 09 15 – 3 attached.
- c. Section 23 09 93 – PART 3 – EXECUTION
 - i. ADD the following:
 - ii. 3.4 Existing AHU-10 Modifications to Control
 1. The existing controls for existing AHU-10 shall remain in place and operate as previously designed with the following modifications or additions.
 2. TCC shall modify the existing outdoor air control dampers to accommodate the new minimum outdoor air air flow station and the maximum air flow station. The minimum outdoor air air flow station shall be 35.5" x 155.5". The maximum outdoor air air flow station shall be 120.5" x 155.5". Coordinate with the mechanical contractor who shall provide ductwork sleeves for the minimum and maximum airflow stations to connect to.
 3. The minimum outdoor air flow station shall open the associated control dampers on a timed schedule coinciding with the Marcia Coggs Center, set at 6:00 AM (adj). The maximum air flow station control dampers shall remain closed. All associated outdoor air control dampers shall close on a timed schedule coinciding with the Marcia Coggs Center end of day. Set to 6:00 PM (adj).
 4. The TCC shall provide a CO2 sensor in the mixed air plenum. Locate in the center of the existing air baffle. The CO2 monitor shall sense the amount of CO2 and modulate the maximum air flow station to keep the CO2 level below 200 ppm. A setup parameter shall allow the user to select either "use highest value" or "use sensor selected by input number for the current system CO2 value".
 5. The economizer cycle of AHU-10 shall override the CO2 sensor and airflow stations when AHU-10 is in economizer cycle.
- d. All Specifications with Electrical Components and Equipment – Add Manufacturer Square D to all applicable product sections.

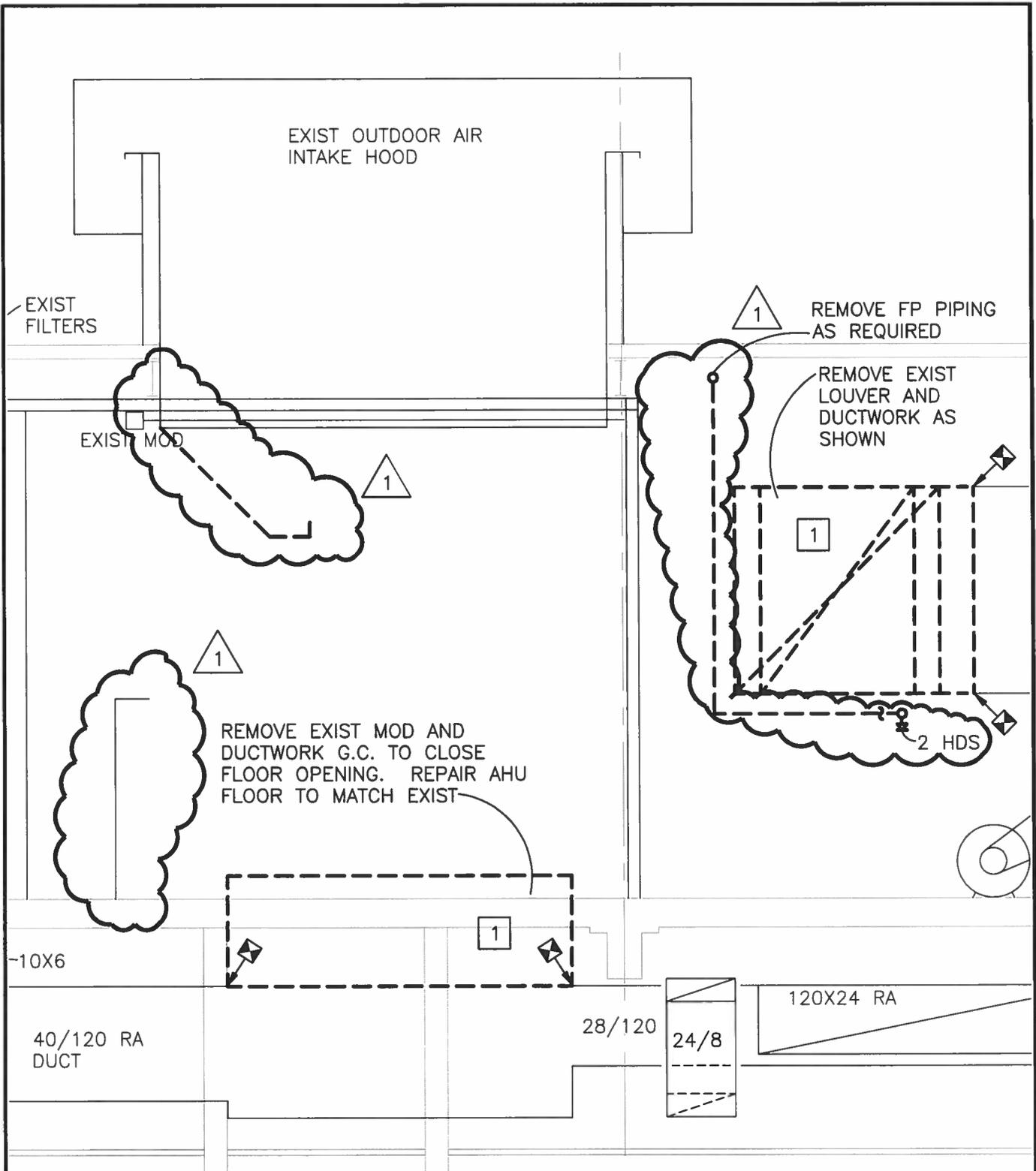
2. DRAWINGS

- a. Addendum drawing M1(attached) from drawing M1.4 SECTION "A" – DEMO.
 - i. Added existing air deflectors in mixed air plenum at existing AHU-10.
 - ii. Added existing fire protection piping and heads for demolition below existing relief air ductwork.

- b. Addendum drawing M2 (attached) from drawing M2.4 PENTHOUSE PLAN – NEW.
 - i. Revised ductwork from existing RF-10 outlet to existing AHU-10 mixed air plenum and ductwork to new relief louver.
 - ii. Added new air flow stations below existing control dampers for minimum outdoor air and maximum outdoor air.

- c. Addendum drawing M3 (attached) from drawing M2.4 SECTION "A" – NEW.
 - i. Revised ductwork from existing RF-10 outlet to existing AHU-10 mixed air plenum and ductwork to new relief louver.
 - ii. Added new air flow stations below existing control dampers for minimum outdoor air and maximum outdoor air.

End of Addendum No. 1



SECTION "A" - DEMO

1/4" = 1'-0"

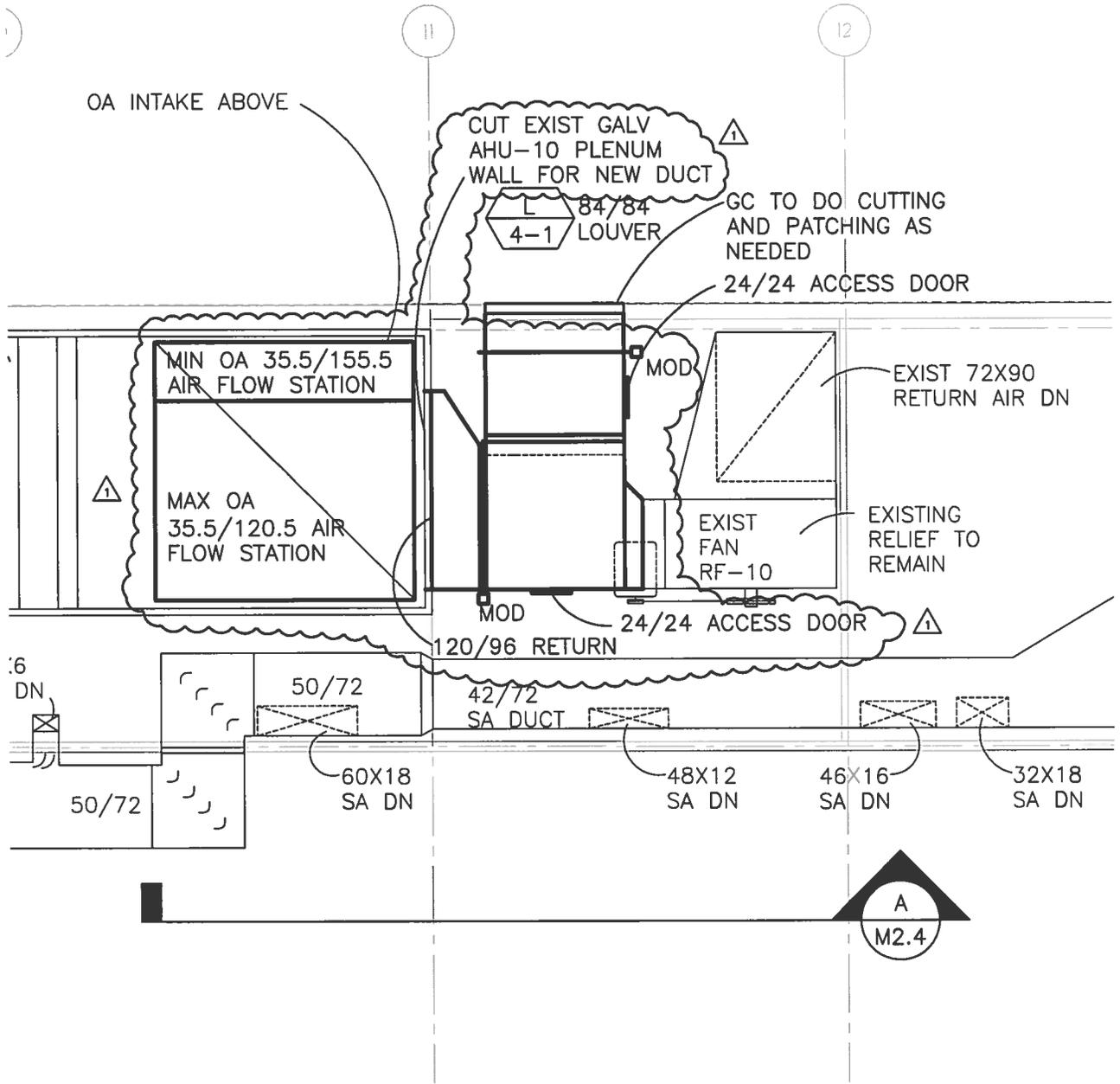


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09-029

Project: MARCIA P. COGGS HUMAN SERVICES CENTER HVAC RENOVATIONS
Project Number: S032-09434 **Drawn By:** MAC
Checked By: JMD **Date:** 11/22/11 **Drawing Reference Sheet No.:** M1.4

M1



PENTHOUSE PLAN - NEW

1/8" = 1'-0"

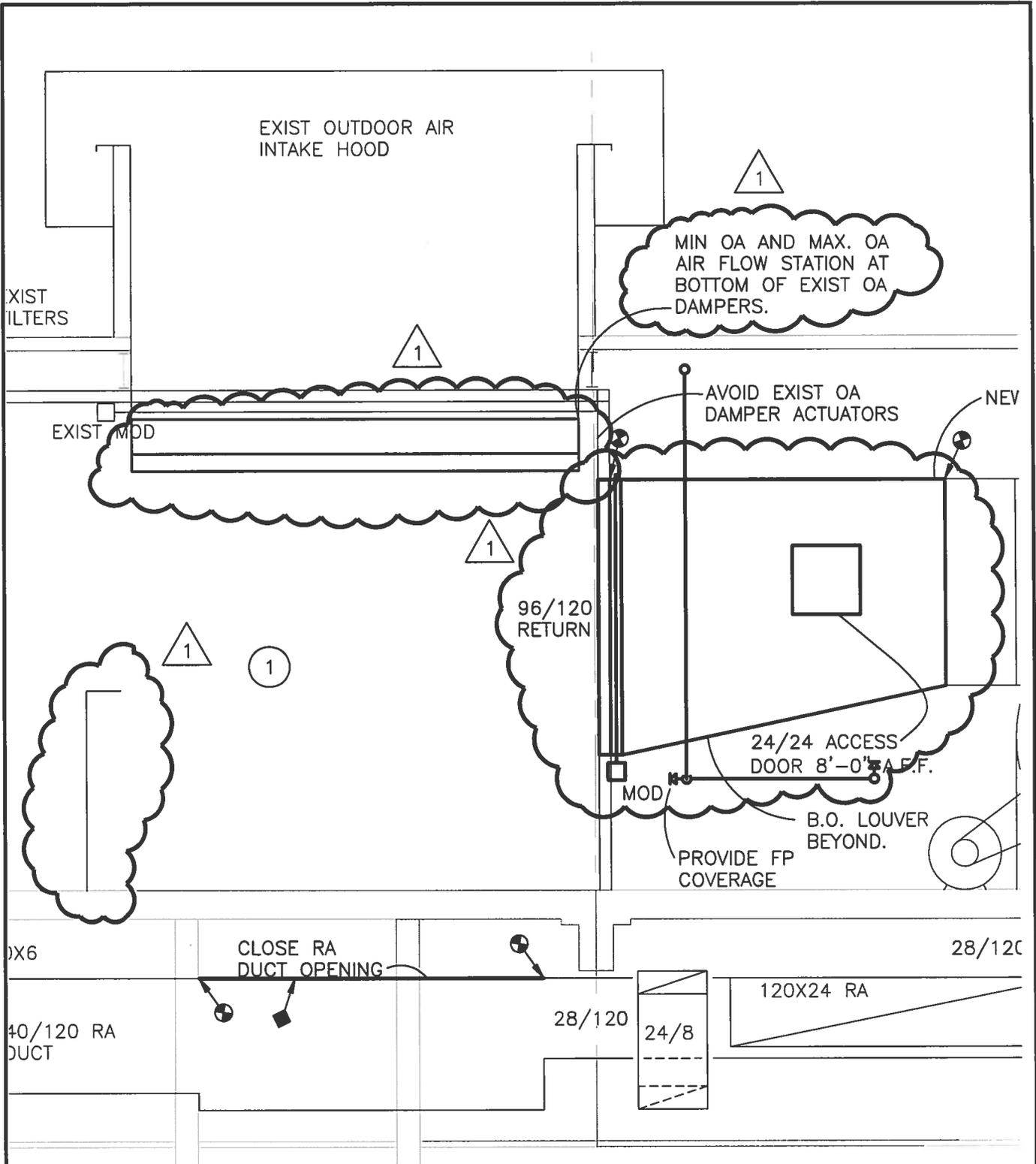


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M2



SECTION "A" - NEW

1/4" = 1'-0"



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M3