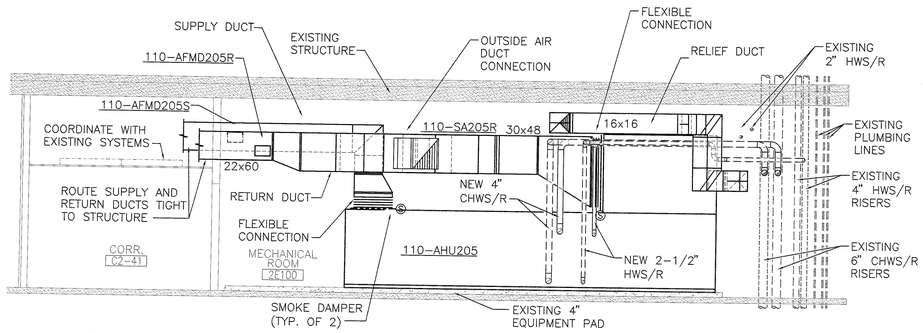
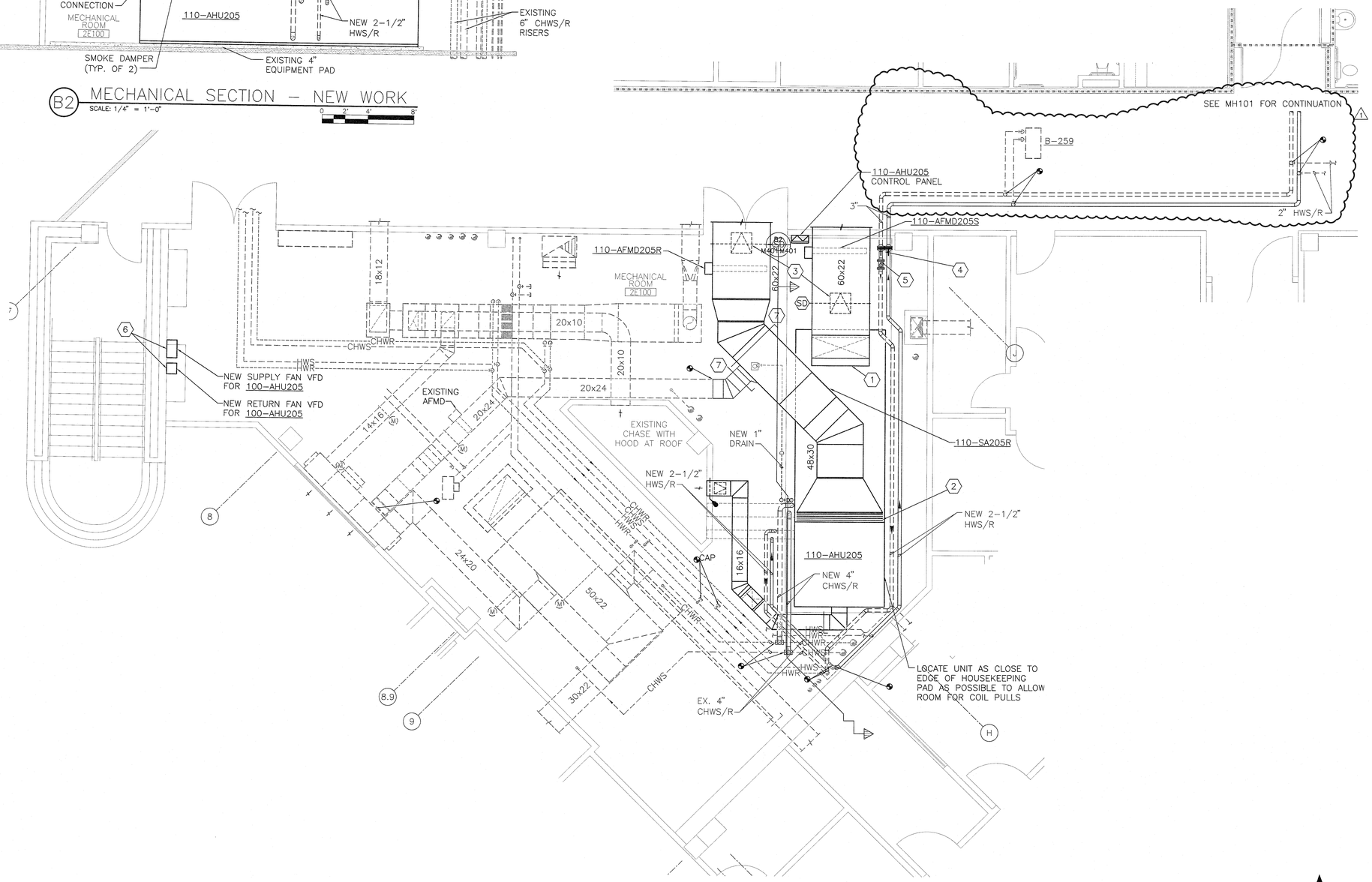


B2 MECHANICAL SECTION – NEW WORK
SCALE: 1/4" = 1'-0"



F3 MECHANICAL ROOM 2E100 PLAN – NEW WORK
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

A. MECHANICAL CONTRACTOR SHALL FIELD VERIFY WITH CONTRACTING OFFICER, THE MAXIMUM DIMENSIONS AVAILABLE FOR TRANSPORTING THE AHU INTO THE MECHANICAL ROOM AND SHALL HAVE THE UNITS SHIPPED AS REQUIRED. THEN THE MECHANICAL CONTRACTOR SHALL FIELD ASSEMBLE THE UNITS PER THE MANUFACTURER'S RECOMMENDATIONS. A REPRESENTATIVE OF THE AHU MANUFACTURER SHALL PROVIDE A WRITTEN REPORT TO THE CONTRACTING OFFICER THAT GIVES THE MANUFACTURERS APPROVAL OF THE INSTALLED AHU.

B. THE MECHANICAL CONTRACTOR SHALL CONFIRM THE EXISTING HOUSEKEEPING PAD WIDTH (APPROXIMATELY 109") AND LENGTH. EXTEND EXISTING HOUSEKEEPING PAD AS REQUIRED TO PROVIDE 6" AROUND UNIT. SEE DETAIL.

C. MAKE NEW PIPING CONNECTION WITH WET TAPS. PROVIDE VALVES IN NEW PIPES AT CONNECTION POINTS.

D. MODIFY EXISTING FIRE SPRINKLERS AS REQUIRED TO ALLOW INSTALLATION OF NEW SUPPLY AND RETURN DUCTWORK AND UNIT.

SHEET KEYNOTES ⟨#⟩

1. PROVIDE SUPPLY AIR SMOKE DAMPER SIZED FOR UNIT SUPPLY DISCHARGE OPENING.
2. PROVIDE RETURN AIR SMOKE DAMPER SIZED FOR UNIT RETURN INLET OPENING.
3. PROVIDE 16x16 ACCESS DOOR.
4. PROVIDE BUTTERFLY VALVES.
5. PROVIDE CIRCUIT SETTER IN HOT WATER RETURN PIPING.
6. PROVIDE VARIABLE FREQUENCY DRIVE WITH MANUAL BYPASS, LOCKING DISCONNECT SWITCH AND INPUT AND OUTPUT LINE REACTORS.
7. PROVIDE MANUAL VOLUME DAMPERS.

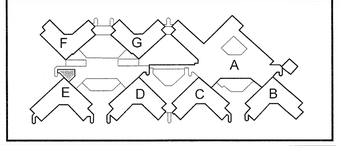
COORDINATION DRAWINGS

SEE COVER SHEET FOR COORDINATION NOTES.

SYMBOLS LEGEND

- EXISTING WALL, DOOR, WINDOW, MILLWORK, FIXTURE OR OTHER FIXTURE OR ASSEMBLY TO BE REMOVED.
- EXISTING WALL, DOOR, WINDOW, MILLWORK, FIXTURE OR OTHER FIXTURE OR ASSEMBLY TO REMAIN.
- NEW WALL
- SMOKE TIGHT WALL
- 2-HOUR FIRE/ SMOKE RATED WALL
- 1 HOUR FIRE RATED WALL
- 1 HOUR SMOKE BARRIER WALL
- PROJECT LIMITS OF WORK
- NO PIPING OR DUCTWORK SHALL BE ROUTED THROUGH ELECTRICAL AND/OR DATA ROOMS.
- EXISTING CONCRETE COLUMN

KEY PLAN



REVISION NO.	REVISION DESCRIPTION	
1	AMENDMENT 02	07/07/17
Revisions		By Date

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Recommended Approvals:	
1. MEDICAL CENTER DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER
2. ASSISTANT DIRECTOR	7. INFECTION CONTROL MANAGER
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COR

Drawing Title: MECHANICAL ROOM 2E100 PLAN - NEW WORK

100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: RENOVATE MENTAL HEALTH UNITS

Drawn: DWS | Building Number | AutoCAD File Name | Checked | Reviewed | Const. Contract No.

Date: February 10, 2017
Project Number: 509-12-104
DRAWING No. M401

Veterans Affairs