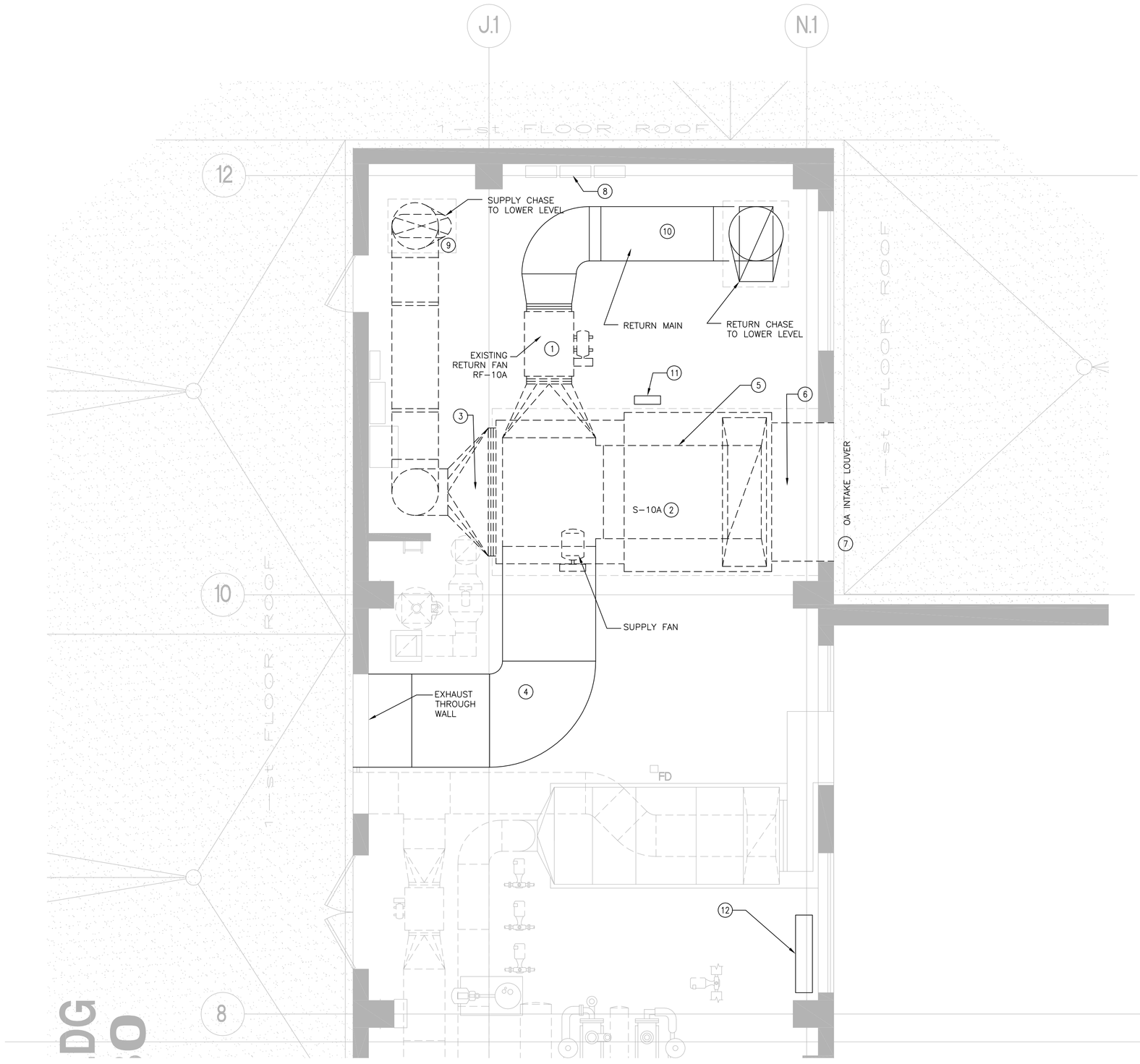
GENERAL DEMO NOTES:

1. EXISTING LOUVERS TO BE REMOVED FOR NEW S-10A ACCESS, SALVAGED AND REINSTALLED BACK FOR NEW S-10A OA INTAKE.

KEY NOTES:

1. REMOVE EXISTING RETURN FAN
2. REMOVE EXISTING AHU S-10A
3. DEMO CONNECTION SECTION FROM SUPPLY MAIN TO EXISTING AHU S-10A.
4. RECONNECT EXISTING EXHAUST DUCT WITH DAMPER
5. DEMO EXISTING RETURN MAIN BETWEEN RF-10A AND AHU
6. DEMO EXISTING OA INTAKE BOX WITH DAMPERS
7. EXISTING LOUVERS REMAIN FOR REUSE.
8. EXISTING DDC CONTROL PANEL OF S-10A TO REMAIN.
9. EXISTING SMOKE DAMPERS REMAIN. CONTRACTOR SHALL CHECK AND MAKE SURE THEIR ARE FUNCTIONING PROPERLY.
10. EXISTING RETURN MAIN AND RISER REMAIN.
11. EXISTING VFD OF RF-10A TO REMAIN.
12. EXISTING VFD OF SF-10A TO REMAIN.



2 MECHANICAL VENTILATION DEMO PLAN
1/4" = 1'-0"

GENERAL NOTES:

1. PROVIDE NEW CONTROL VALVES FOR COOLING COIL, HEATING COIL, AND HUMIDIFIER.
2. COORDINATE WITH NEW DUCTWORK AND AHU, RELOCATE FIRE SPRINKLER HEADS IF REQUIRED.
4. NEW AHU WILL BE MOUNTED ON THE EXISTING CONCRETE PAD.
5. NEW O.A. INTAKE BOX WITH DAMPERS BETWEEN EXISTING OA INTAKE LOUVER AND NEW AHU.
6. EXISTING JOHNSON CONTROL DDC PANEL LOCATED ON NORTH WALL OF MECHANICAL ROOM SHALL BE UPGRADED FOR NEW S-10A
7. REUSE EXISTING VFDS OF SUPPLY FAN AND RETURN FAN.

RECOMMENDED REMOVAL & INSTALLATION PROCEDURE

REMOVAL

DISASSEMBLE EXISTING AHU S-10A INTO PIECES CAPABLE OF REMOVAL THROUGH THE OA INTAKE OPENING. REMOVE THE EXISTING UNIT ENTIRELY FROM THE SITE.

INSTALLATION OF NEW AHU S-10A

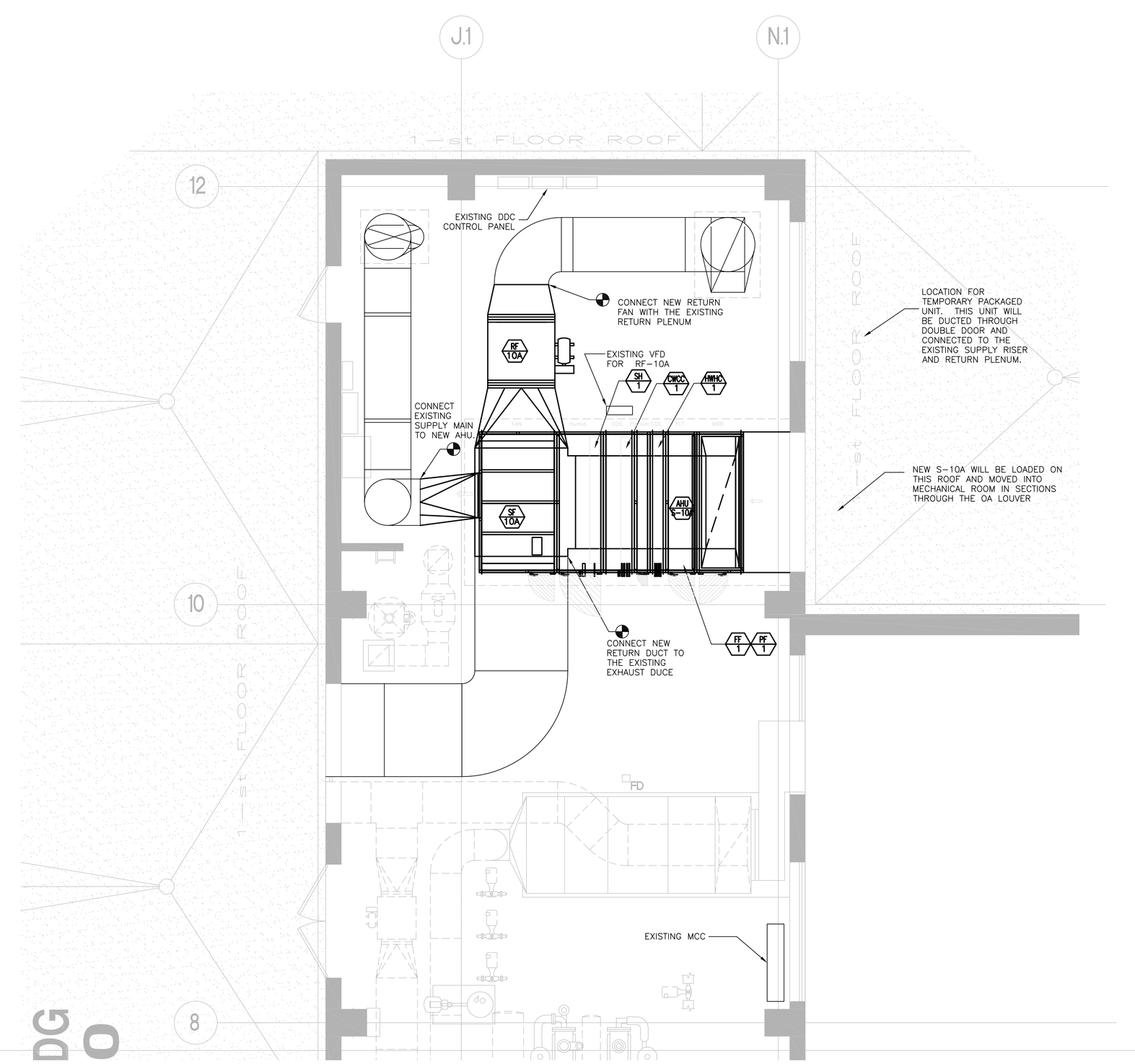
- NEW AHU S-10A TO BE DELIVERED TO SITE AND LOADED ON THE ROOF OUTSIDE OF PENTHOUSE MECHANICAL ROOM.
- NEW S-10A WILL BE MOVED INTO PENTHOUSE MECHANICAL ROOM IN SECTIONS THROUGH OA LOUVER OPENING OF AHU S-10A
- TEMPORARY UNIT TO BE MOUNTED ON THE ROOF OF OUTSIDE OF THE PENTHOUSE MECHANICAL ROOM AS INDICATED.

TEMPORARY HVAC UNIT

A TEMPORARY HVAC UNIT WILL BE REQUIRED TO MAINTAIN ENVIRONMENTAL CONDITIONS WITHIN THE INTERIOR SPACED SERVED BY AHU S-10A DURING UNIT REPLACEMENT. TEMPORARY UNIT TO BE A PACKAGED SELF CONTAINED UNIT CAPABLE OF PROVIDING THE REQUIRED HVAC TO THE INTERIOR SPACES WITHOUT CONNECTIONS TO THE EXISTING BUILDING PIPING SYSTEMS. ELECTRICAL SERVICE WILL BE AVAILABLE AT THE UNIT LOCATION. CONTRACTOR TO LOCATE TEMPORARY HVAC UNIT ON ROOF ADJACENT TO EXISTING PENTHOUSE. CONTRACTOR RESPONSIBLE FOR ALL CONNECTIONS TO INSURE PROPER OPERATION OF EXISTING HVAC SYSTEM DURING CONSTRUCTION.

CONTRACTOR TO DISASSEMBLE AND REMOVE TEMPORARY UNIT FROM SITE AFTER NEW UNIT IS IN PLACE AND OPERATING SATISFACTORILY.

CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING ROOF MEMBRANE IN AREAS FOR STAGING, DEMOLITION, NEW CONSTRUCTION AND LOCATION OF TEMPORARY HVAC UNIT.



1 MECHANICAL VENTILATION FLOOR PLAN
1/4" = 1'-0"

FULLY SPRINKLERED

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

Revisions:	Date
ISSUED FOR CONSTRUCTION DOCUMENTS (FINAL BID)	11/26/13
ISSUED FOR 100% DESIGN SUBMITTAL	10/28/13
ISSUED FOR 75% DESIGN DEVELOPMENT	08/22/13

CONSULTANTS:

ARCHITECT/ENGINEERS:

EPSTEIN
600 West Fulton Street
Chicago, Illinois 60661

Drawing Title: MECHANICAL ROOM VENTILATION PLAN

Approved: Project Director

Project Title: REPLACEMENT OF AHU S-10A IN BUILDING 30

Location: 820 S. DAMEN AVE. CHICAGO, IL 60612

Date: 11/26/2013 | Checked: YW | Drawn: AM

Project Number: 537-10-122

Building Number: BUILDING 30

Drawing Number: 30-M-101

Dwg. 03 of 10

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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