

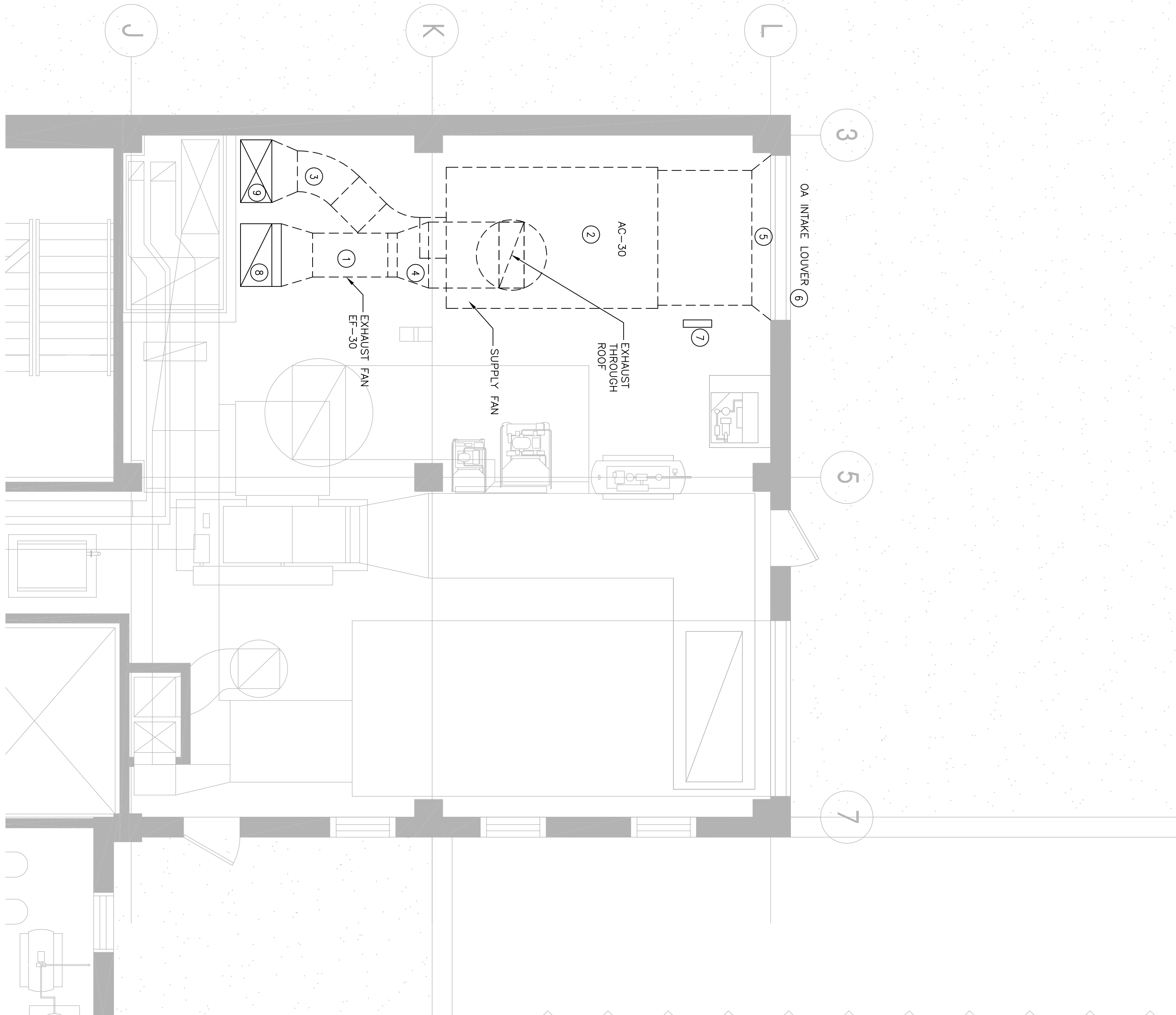
ISSUED FOR CONSTRUCTION DOCUMENTS (FINAL BD)	11/26/13
ISSUED FOR 100% DESIGN SUBMITTAL	10/29/13
ISSUED FOR 75% DESIGN DEVELOPMENT	06/22/15
Revised	Date

CONSULTANTS:

2 MECHANICAL VENTILATION DEMO PLAN



7th FLOOR ROOF



- GENERAL DEMO NOTES:
- EXISTING LOUVERS TO BE REMOVED FOR NEW AC-30 ACCESS. NEW LOUVER WITH SAME SIZE SHOULD BE INSTALLED FOR NEW AC-30 OA INAKE.

- KEY NOTES:
- REMOVE EXISTING EXHAUST FAN EF-30.
 - REMOVE EXISTING AHU AC-30.
 - DEMO CONNECTION SECTION FROM SUPPLY MAIN TO EXISTING AHU AC-30.
 - DISCONNECT EXISTING EXHAUST DUCT AND REMOVE EXISTING GOOSENECK HOOD ON ROOF.
 - DEMO EXISTING OA INTAKE BOX WITH DAMPERS.
 - EXISTING LOUVERS NEED TO BE REPLACED WITH NEW ONE.
 - EXISTING DDC CONTROL PANEL OF AC-30 TO REMAIN.
 - EXISTING EXHAUST RISER REMAIN.
 - EXISTING SUPPLY RISER REMAIN.

ARCHITECT/ENGINEERS:

STEPSTEIN
600 West Fulton Street
Chicago, Illinois 60661

Drawing Title

MECHANICAL ROOM
VENTILATION PLAN

Approved Project Director

Project Title

REPLACEMENT OF AHU AC-30
IN BUILDING 11A

Location
820 S. DAMEN AVE CHICAGO, IL 60612

Project Number

537-10-122

Drawing Number
BUILDING 11A

FULLY SPRINKLERED

Scale: 1/2"=1'-0"

Office of
Construction
and Facilities
Management
Department of
Veterans Affairs

GENERAL NOTES:

- PROVIDE NEW CONTROL VALVES FOR COOLING COIL.
- COORDINATE WITH NEW DUCTWORK AND AHU, RELOCATE FIRE SPRINKLER HEADS IF REQUIRED.
- NEW AHU WILL BE MOUNTED ON A NEW 4" CONCRETE PAD.
- NEW OA INTAKE BOX WITH DAMPERS BETWEEN NEW AC-30 AND EXISTING OA INTAKE BOX.
- EXISTING DDC CONTROL PANEL LOCATED NEAR THE AC-30 SHALL BE UPGRADED FOR NEW AC-30.
- NEW VFD FOR SUPPLY FAN SF-30 AND EXHAUST FAN EF-30

RECOMMENDED REMOVAL & INSTALLATION PROCEDURE

- REMOVAL
- DISASSEMBLE EXISTING AHU AC-30 INTO PIECES CAPABLE OF REMOVAL THROUGH THE OA INTAKE OPENING. REMOVE THE EXISTING UNIT ENTIRELY FROM THE SITE.
 - INSTALLATION OF NEW AHU AC-30
 - NEW AHU AC-30 TO BE DELIVERED TO SITE AND LOADED ON THE ROOF OUTSIDE OF PENTHOUSE
 - MECHANICAL ROOM BE MOVED INTO PENTHOUSE
 - MECHANICAL ROOM IN SECTIONS THROUGH OA LOUVER
 - OPENING OF AHU AC-30 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 VENTILATED SPACE DURING REMOVAL AND INSTALLATION OF THE NEW UNIT. THE TEMPORARY UNIT TO BE A PACKAGED SELF-CONTAINED UNIT CAPABLE OF PROVIDING THE REQUIRED HVAC TO THE BUILDING. THE TEMPORARY UNIT SHALL BE INSTALLED IN THE BUILDING PIPING SYSTEMS. ELECTRICAL SERVICE WILL BE AVAILABLE AT THE UNIT LOCATION. CONTRACTOR TO LOCATE PENTHOUSE. CONTRACTOR RESPONSIBLE FOR ALL EXISTING HVAC SYSTEM DURING CONSTRUCTION.

CONTRACTOR TO DISASSEMBLE AND REMOVE TEMPORARY UNIT FROM SITE.

CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING ROOF MEMBRANE DURING REMOVAL AND INSTALLATION OF TEMPORARY HVAC UNIT.

RECOMMENDED REMOVAL & INSTALLATION PROCEDURE

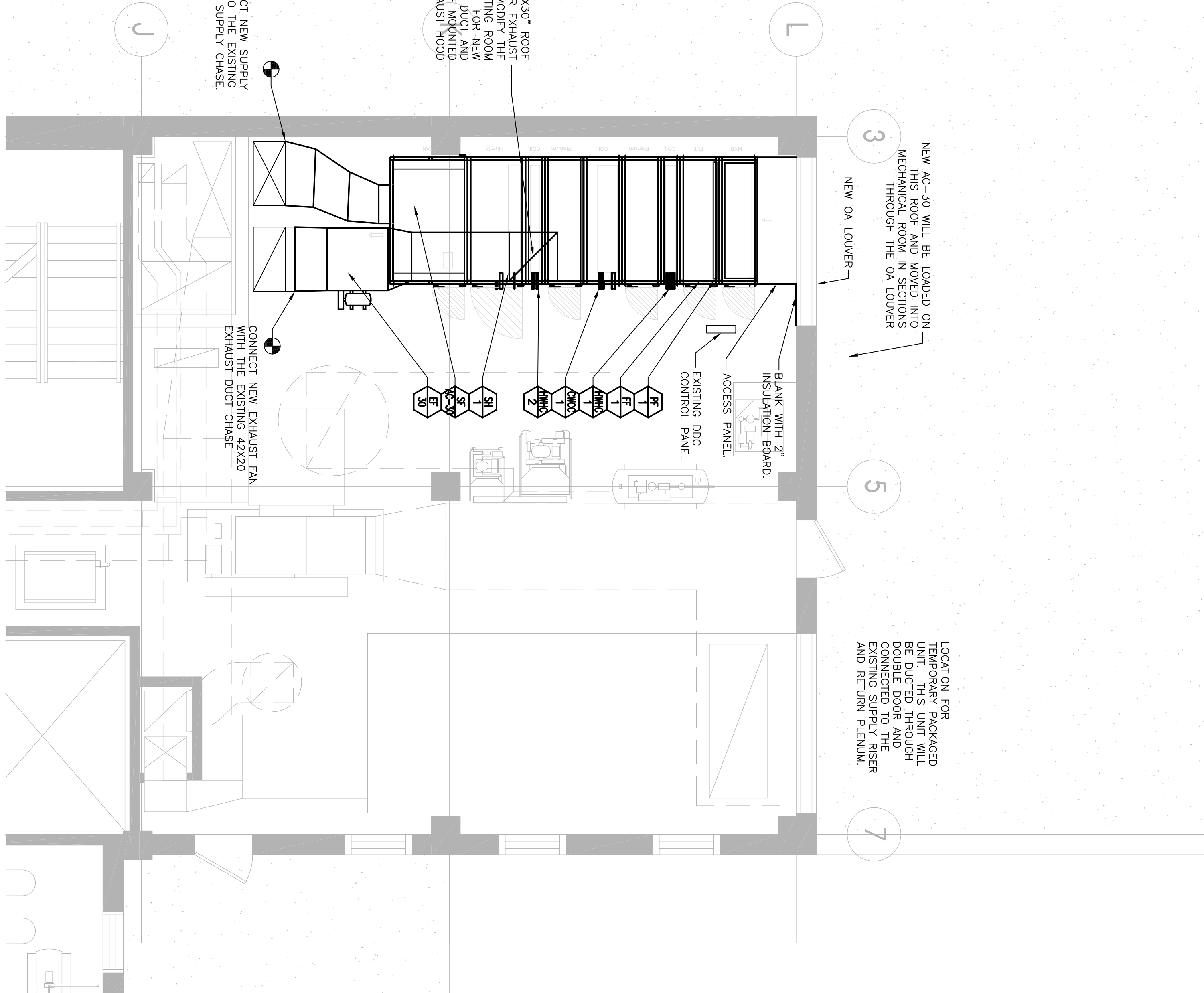
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NEW AC-30 WILL BE LOADED ON THIS ROOF AND MOVED INTO MECH THROUGH THE OA LOUVER

NEW OA LOUVER

LOCATION FOR TEMPORARY PACKAGED HVAC UNIT TO BE LOCATED THROUGH DOUBLE DOOR AND EXISTING SUPPLY RISER AND RETURN PLENUM.

7th FLOOR ROOF



1 MECHANICAL VENTILATION FLOOR PLAN

