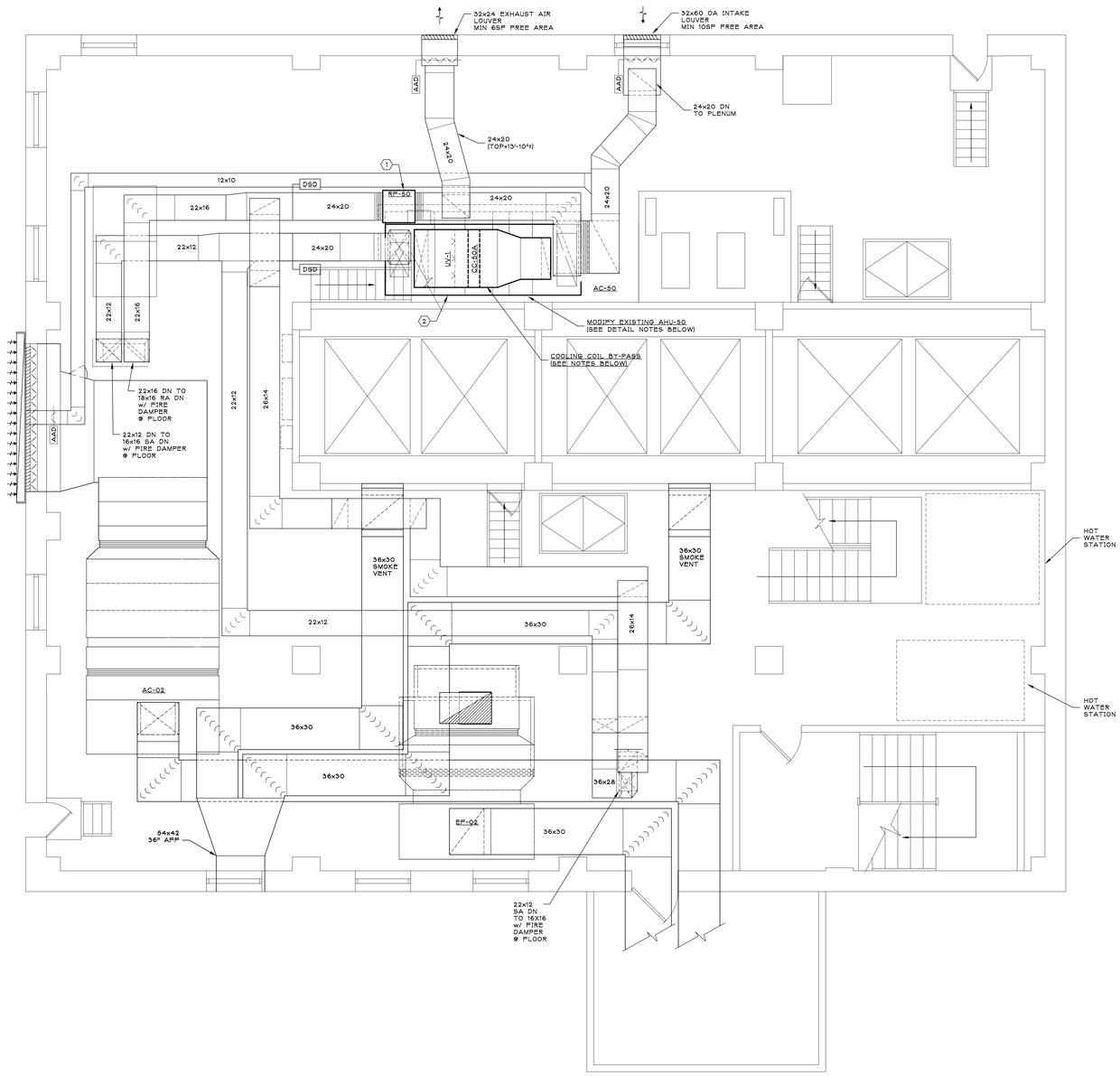


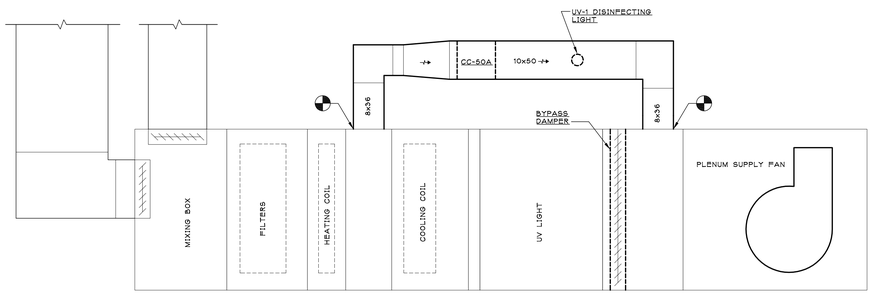
10TH FLOOR PLAN - HVAC PLAN

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

NORTH

KEYED NOTES:

1. TEMPORARILY SUPPORT EXISTING DUCTWORK AND REMOVE EXISTING RF-50 AND ASSOCIATED VFD. MODIFY EXISTING EXHAUST FAN SUPPORTS AND DUCTWORK AS NECESSARY TO INSTALL NEW RF-50 OF SCHEDULED CAPACITY.
2. REMOVE EXISTING AC-50 CHILLED WATER AND HOT WATER PIPING BACK 20 FT. OR AS NECESSARY FOR THE INSTALLATION OF THE BYPASS DUCTWORK AND COOLING COIL. RECONNECT EXISTING HOT WATER COIL AND MODIFY CHILLED WATER CONNECTION AS PER THE COOLING COIL CONNECTION DETAIL SHEET M-001.

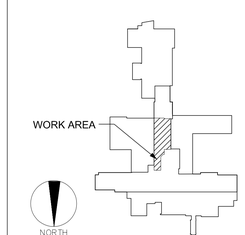


AC-50 MODIFICATION SCOPE OF WORK:

1. REMOVE AND REPLACE EXISTING FAN MOTOR AND SHEAVES WITH 15 HP PREMIUM EFFICIENCY, INVERTER DUTY MOTOR, SIZED FOR 3,000 RMP AT FAN. REPLACE BELTS AND PROVIDE TWO (2) SETS OF SPARE BELTS TO BE TURNED OVER TO COR.
2. PROVIDE BY-PASS DUCTWORK, UV LIGHT AND DUCT MOUNTED COOLING COIL (CC-50A) SIZED FOR 1,600 CFM.
3. MODIFY CHILLED WATER PIPING AND CONDENSATE CONNECTION AS NECESSARY TO ACCOMMODATE THE INSTALLATION AND OPERATION OF THE BY-PASS COOLING COIL. PROVIDE NEW 2-WAY CONTROL VALVE SIZED FOR THE ADDITIONAL COOLING COIL FLOW RATE. SEE DETAIL SHEET M-001.
4. INSTALL NEW BYPASS DAMPER AND BALANCE TO LIMIT MAXIMUM OF 4,400 CFM TO EXISTING COOLING COIL (500 FPM).

AC-50 ELEVATION

NOT TO SCALE



KEY PLAN

Scale: As Noted

Revisions:	Date

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Drawing Title: 10th FLOOR HVAC PLAN

Approved: Project Director

Project Title: RENOVATE FOR WOMEN'S CLINIC

Location: 800 IRVING AVENUE, SYRACUSE NY 13210

Date: 12.18.2012 | Checked: SBG | Drawn: NCB

Project Number: VA# 528A7-13-701 IPD# 11-7230

Building Number: 1

Drawing Number: M-103

Dwg. 31 of 41

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