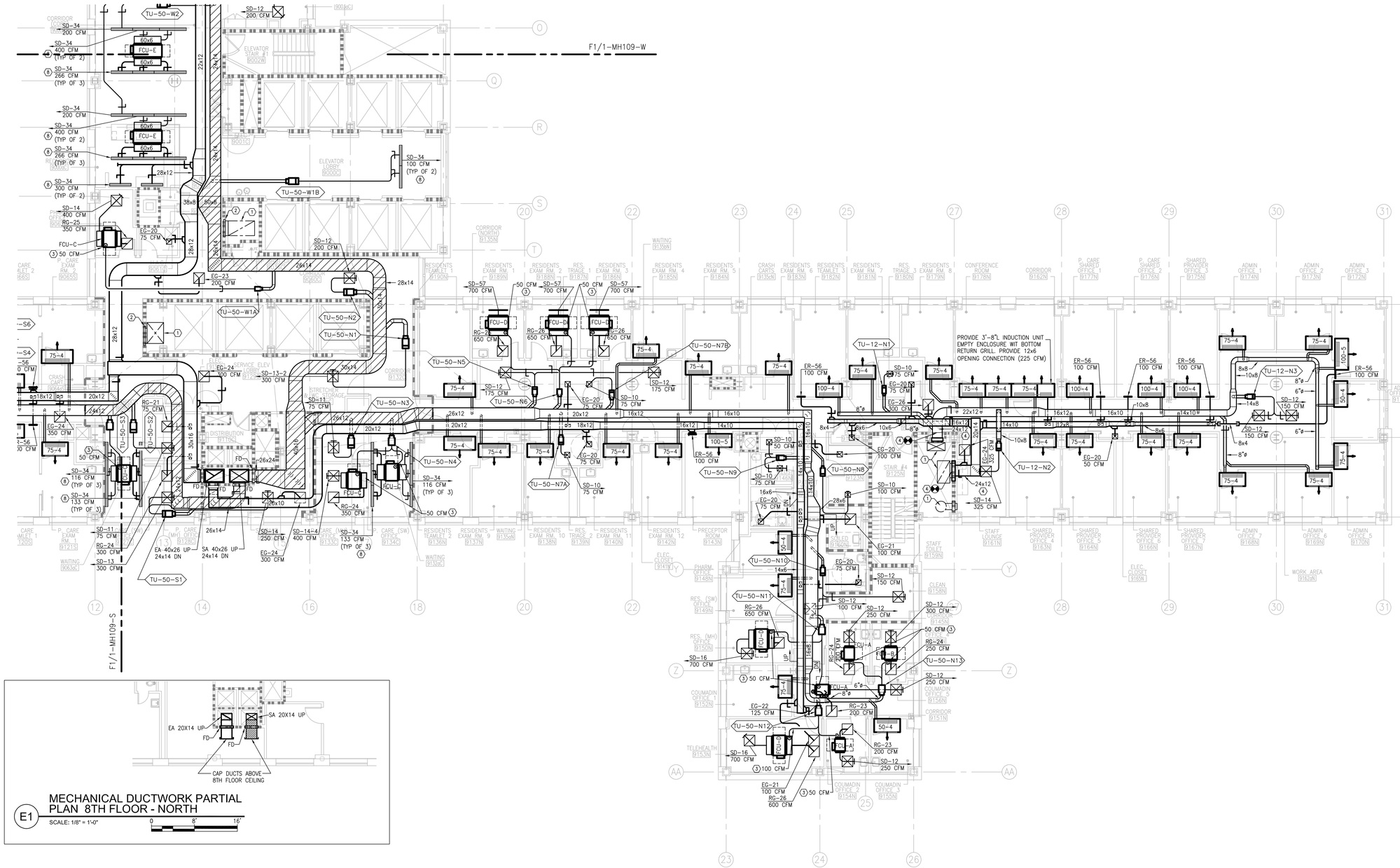


E1 MECHANICAL DUCTWORK PARTIAL PLAN 8TH FLOOR - NORTH

SCALE: 1/8" = 1'-0" 0 8" 16"

F1 MECHANICAL DUCTWORK PLAN 9TH FLOOR - NORTH

SCALE: 1/8" = 1'-0" 0 8" 16"

PARTITION FIRE RATING LEGEND

- 1 HOUR FIRE
- SMOKE BARRIER (1 HOUR FIRE)
- 2 HOUR FIRE BARRIER

CONSTRUCTION PLAN LEGEND

MATCH LINE F1/1-MXXXX-X / F1/1-MXXXX-X

SPECIFIC CONSTRUCTION NOTE (1)

NEW SUPPLY CEILING DIFFUSER — DEVICE TYPE SEE SCHEDULE; SD-XX; XXX CFM; AIRFLOW

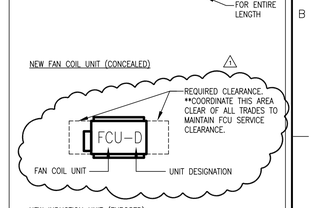
NEW RETURN CEILING REGISTER — DEVICE TYPE SEE SCHEDULE; RG-XX; XXX CFM; AIRFLOW

NEW EXHAUST CEILING REGISTER — DEVICE TYPE SEE SCHEDULE; EG-XX; XXX CFM; AIRFLOW

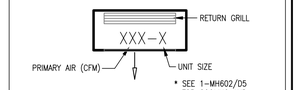
NEW WALL REGISTER — DEVICE TYPE SEE SCHEDULE; ER-XX; XXX CFM; AIRFLOW

NEW LINEAR SLOT DIFFUSER — DEVICE TYPE SEE SCHEDULE; SD-XX; XXX CFM; AIRFLOW FOR ENTIRE LENGTH

NEW FAN COIL UNIT (CONCEALED)



NEW INDUCTION UNIT (EXPOSED)



* SEE 1-MH602/D5 FOR COOLING AND HEATING CAPACITY.

GENERAL CONSTRUCTION NOTES

1. PRIMARY AIR DUCT CONNECTION TO EACH INDUCTION UNIT SHALL BE 4"ø UNLESS NOTED OTHERWISE.
2. ALL SUPPLY DIFFUSER AIR FLOW PATTERNS ARE 4-WAY UNLESS NOTED OTHERWISE.
3. FIRE CAULK ALL DUCT AND PIPE PENETRATIONS OF CORRIDOR WALLS AND RATED WALLS.
4. ALL HATCHED SUPPLY DUCTWORK SHALL BE 5" DUCT PRESSURE CLASS, ALL OTHER SUPPLY DUCTWORK SERVING DEVICES ON THIS FLOOR SHALL BE 4" DUCT PRESSURE CLASS.
5. ALL EXHAUST DUCTWORK SERVING DEVICES ON THIS FLOOR SHALL BE 2" DUCT PRESSURE CLASS.
6. COORDINATE INDUCTION UNIT PIPING/DUCT CONNECTION WITH FLOOR PLAN.
7. REBALANCE EXISTING AIR SYSTEMS PER CFM VALUES ON CONSTRUCTION PLAN.

SPECIFIC CONSTRUCTION NOTES

1. EXISTING TO REMAIN.
2. EXISTING FD TO REMAIN. PERMANENTLY CAP AND RE-BALANCE EXISTING AIR SYSTEM.
3. BALANCE VENTILATION SUPPLY INTO FCU OA INTAKE TO INDICATED FLOW RATE.
4. PROVIDE DUCT TRANSITION, FD AND ACCESS DOOR.
5. REDUCE THIS CABINET SIZE TO FIT SPACE AVAILABLE.
6. INCREASE THIS CABINET LENGTH TO ALIGN BOTH CABINET FACES.
7. AC-50 SUPPLY DUCT STATIC PRESSURE SENSOR LOCATION.
8. EXTEND LINEAR DEVICE TO ALIGN WITH ARCHITECTURAL RCP. BLANK-OFF BACKSIDE OF INACTIVE SEGMENTS.
9. PROVIDE DUCT TRANSITION TO ROUTE DUCT ABOVE EXISTING SANITARY MAIN.

BUILDING IS FULLY SPRINKLERED

Scale: 1/8"=1'-0"

Revisions:	Date
ADDENDUM #1 ⚠1	06/28/2013
ISSUED FOR CONSTRUCTION	08/15/2013

CONSULTANTS:

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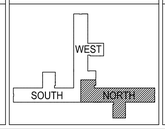
KEY PLAN:



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Houston ■ Los Angeles ■ Mumbai ■ New York ■ Phoenix
St. Louis ■ San Francisco ■ Shanghai ■ Toronto
Vancouver ■ Victoria ■ Washington DC

Drawing Title: MECHANICAL DUCTWORK PLAN 9TH FLOOR - NORTH

Approved: Project Director

Project Title: VA NY HARBOR HEALTHCARE SYSTEM MANHATTAN VAMC - BUILDING 1 9TH FLOOR RENOVATIONS

Location: 423 EAST 23RD STREET NEW YORK, NY 10010

Date	Checked	Drawn
AUGUST 15, 2013	JB	SO

Project Number: 630PR2600

Building Number: 1

Drawing Number: 1-MH109-N

Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

VA FORM 08-6231

three quarters inch = one foot 0 6 12 18 24 | one and one half inches = one foot 0 6 12 18 24 30 36 | three inches = one foot 0 6 12 18 24 30 36 42 48 | one inch = one foot 0 6 12 18 24 30 36 42 48 | one half inch = one foot 0 6 12 18 24 30 36 42 48 | three eighths inch = one foot 0 4 8 12 16 20 24 28 32 36 | one quarter inch = one foot 0 4 8 12 16 20 24 28 32 | one eighth inch = one foot 0 4 8 16 24 32 40 48 56 64
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