

0 6 1 6 2 0 2 0 4 0 4 8 16

three-eighths inch = one foot

one and one-half inch = one foot

one-half inch = one foot

three-quarter inch = one foot

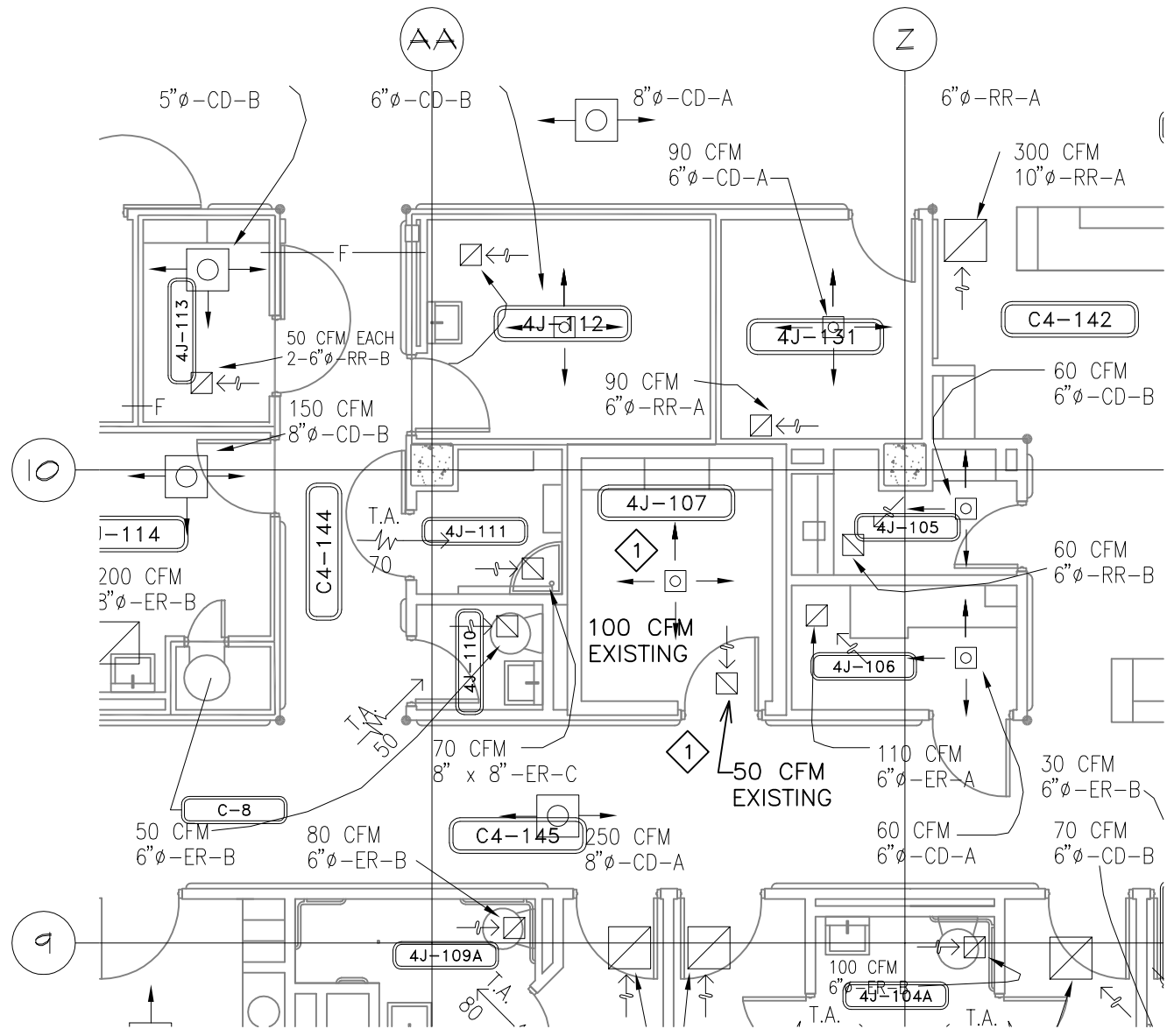
one-half inch = one foot

one-half inch = one foot

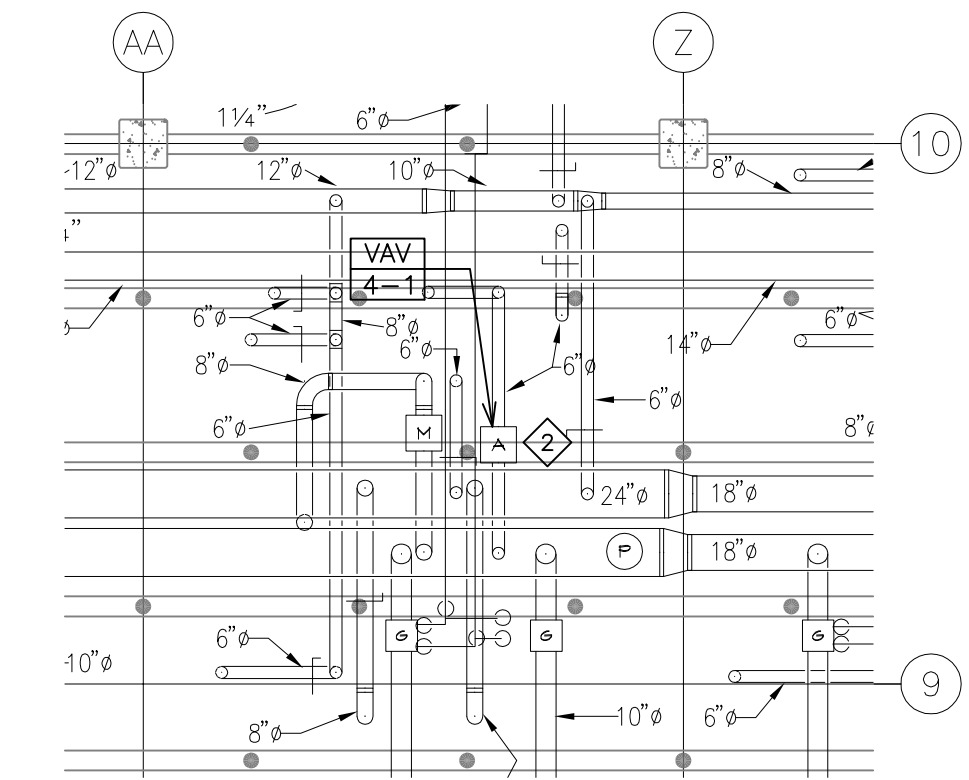
one-quarter inch = one foot

one-quarter inch = one foot

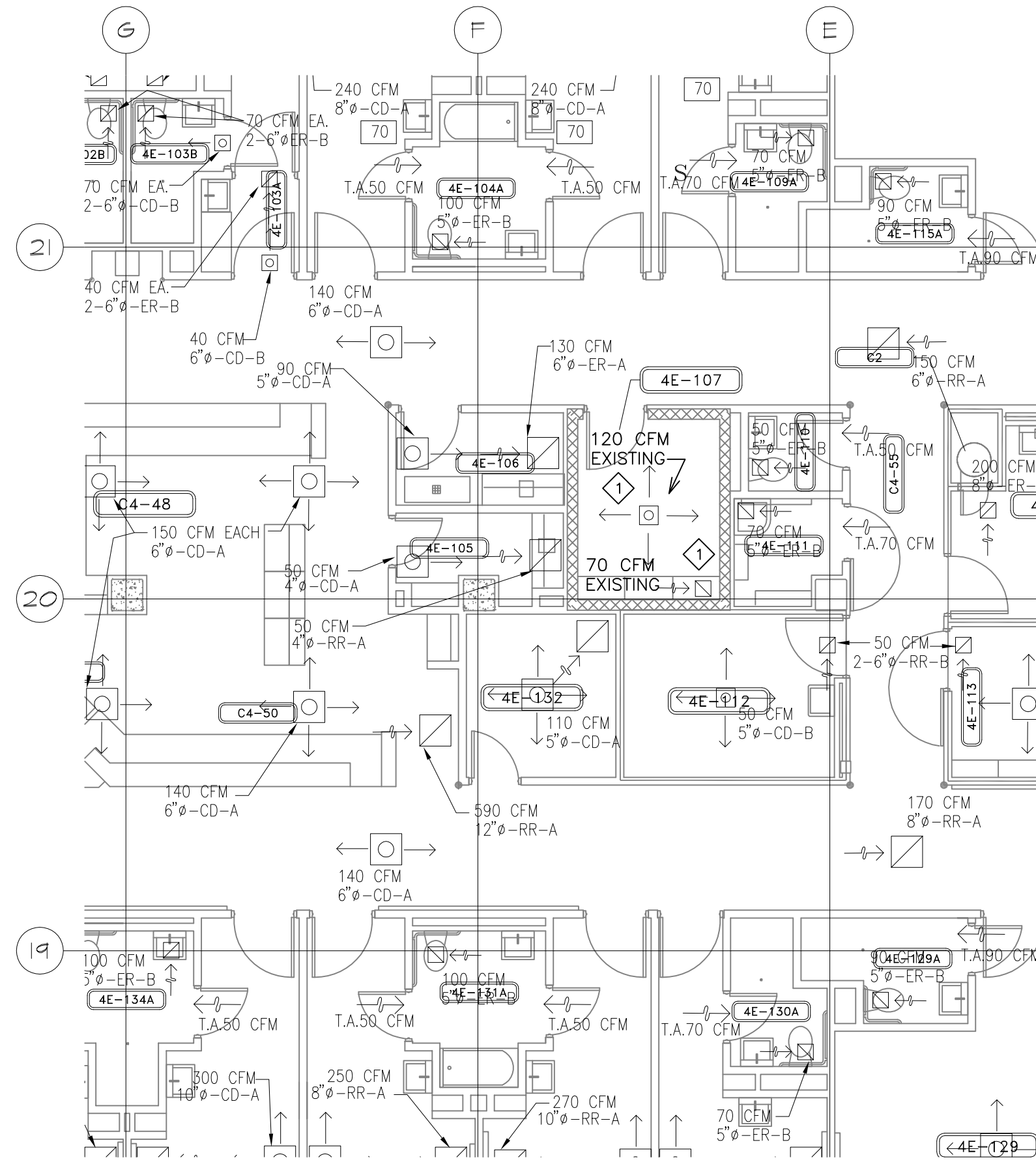
one-eighth inch = one foot



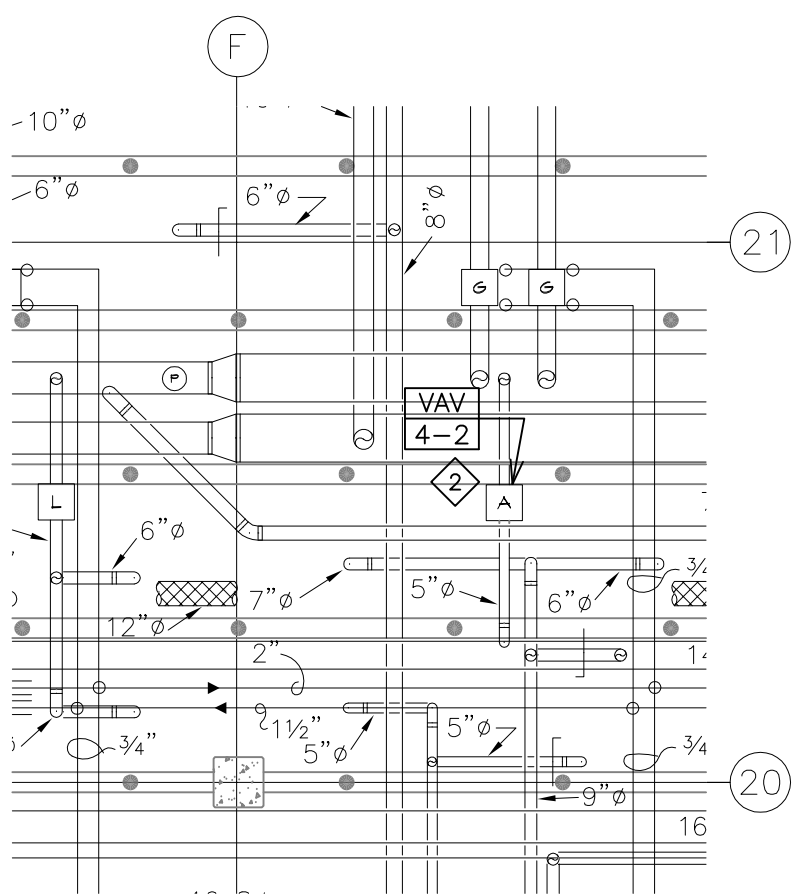
① 4J-107 DEMO PLAN
1/8"=1'-0"



③ 4J-107 INT PLAN
1/8"=1'-0"



② 4E-107 PLAN
1/8"=1'-0"



④ 4E-107 INT PLAN
1/8"=1'-0"

- GENERAL NOTES:
- A. CONTRACTOR IS RESPONSIBLE FOR ALL INTERSTITIAL FLOOR PATCHING AND PENETRATIONS REQUIRED.
 - B. ALL SATELLITE SPD ROOMS TO BE BALANCED TO HAVE A POSITIVE PRESSURE TO ADJACENT ROOM.
 - C. CONTRACTOR TO MEASURE AIRFLOW QUANTITIES AT ALL DIFFUSERS AND GRILLES IN SATELLITE SPD ROOMS BEFORE AND AFTER WORK. CONTRACTOR TO VERIFY CONSTRUCTION WORK OR BALANCING SHALL NOT IMPACT AIRFLOW QUANTITIES OF DIFFUSERS AND GRILLES IN ROOMS SERVED BY THE SAME VAV BOX. SEE VAV BOX BALANCING SCHEDULE FOR ROOMS SERVED BY THE SAME VAV BOX. SEE VAV BOX BALANCING SCHEDULE FOR ALL ROOMS SERVED BY THE SAME VAV BOX.
 - D. DIFFUSERS LABELED "CFM, EXISTING" DENOTES AN EXISTING DIFFUSER TO BE BALANCED TO CFM INDICATED.

- KEY NOTES:
- ◇ RE-BALANCE DIFFUSER TO CFM INDICATED.
 - ◇ RE-BALANCE VAV BOX MIN AND MAX BY QUANTITY LISTED IN VAV BOX BALANCING SCHEDULE ON SHEET. BOX TO BE CONSTANT VOLUME.

VAV BOX BALANCING SCHEDULE			
VAV BOX NUMBER	ROOM SERVED	CHANGE IN TOTAL BOX CFM	MECH NOTES
VAV-4-1	4E-107	+110 CFM	-
VAV-4-2	4J-107	+100 CFM	-
1. CHANGE IN TOTAL BOX CFM BASED ON PRELIMINARY AIR QUANTITIES PREVIOUSLY MEASURED. CONTRACTOR TO MEASURE AND BALANCE ALL BOXES AND DIFFUSERS TO EXISTING AIR QUANTITIES OR NEW AS INDICATED.			

REVISIONS	ADDENDUM #3	02/18/13
REVISIONS	ADDENDUM #1	02/05/13
REVISIONS	DATE	

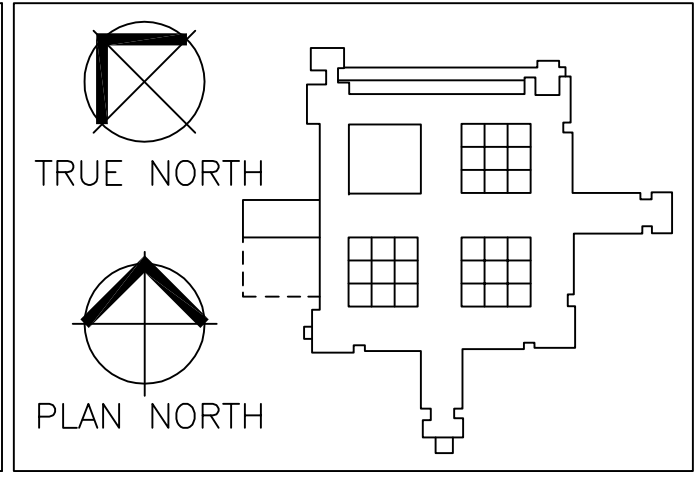
GENERAL NOTES:

GENERAL CONTRACTOR AND/OR ALL SUBCONTRACTORS SHALL FIELD VERIFY ALL DIMENSIONS SHOWN ON THESE PLANS AND SHALL BE RESPONSIBLE FOR VARIATIONS BETWEEN PLAN DIMENSIONS AND ACTUAL FIELD DIMENSIONS. WHERE VARIATIONS ARE FOUND TO OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING PRIOR TO PROCEEDING WITH CONSTRUCTION; NO ADJUSTMENT TO THE WORK WILL BE MADE WITHOUT THE PRIOR APPROVAL OF THE PROJECT ENGINEER.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL DEMOLITION INCLUDING REMOVAL OF WALLS, PARTITIONS, DOORS & CEILING & FLOORS, ANY AND ALL CUTTING OF CONCRETE FLOORS, WALLS OR STRUCTURE SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY. CORE DRILLING THROUGH CONCRETE WALLS, FLOORS OR STRUCTURE FOR PIPING OR CONDUIT SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR BY TRADE. FIRESTOPPING OF THESE OPENINGS SHALL BE DONE BY THE RESPECTIVE SUBCONTRACTOR. REMOVAL OF DEBRIS RESULTING FROM DEMOLITION, CUTTING, AND/OR DRILLING IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. PATCHING AND REPAIR OF CONCRETE WALLS, FLOOR, OR STRUCTURE SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR; THIS WILL BE ACCOMPLISHED UPON COMPLETION OF THE INSTALLATION OF ANY AND ALL UTILITIES INSTALLED BY THE VARIOUS SUBCONTRACTORS.

DUNHAM

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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Engineer under the laws of the State of Minnesota.

DARIN MAY
Date 08/13/2012 Reg. No. 42401

Drawing Scale
AS NOTED

Plot Scale
12" = 1'-0"

Drawing Title
FOURTH FLOOR MECHANICAL SPD SATELLITE ROOMS PLANS

Approved: Cynthia Doolittle, Chief, Projects Section

Approved: Steven Challeen, Director, Engineering

Project Title
VA SPD HVAC IMPROVEMENTS

Location
**V.A. MEDICAL CENTER
ONE VETERANS DRIVE
MINNEAPOLIS, MN 55417**

Date
08/13/2012

Checked
CM

Drawn
AU

Project No.
618-12-127

Building Number
70

DRAWING NO.
1260-M15

Dwg. 20 of 28

Office of
Facilities
Management

Department of
Veterans Affairs

100% CD ISSUE
FULLY SPRINKLERED