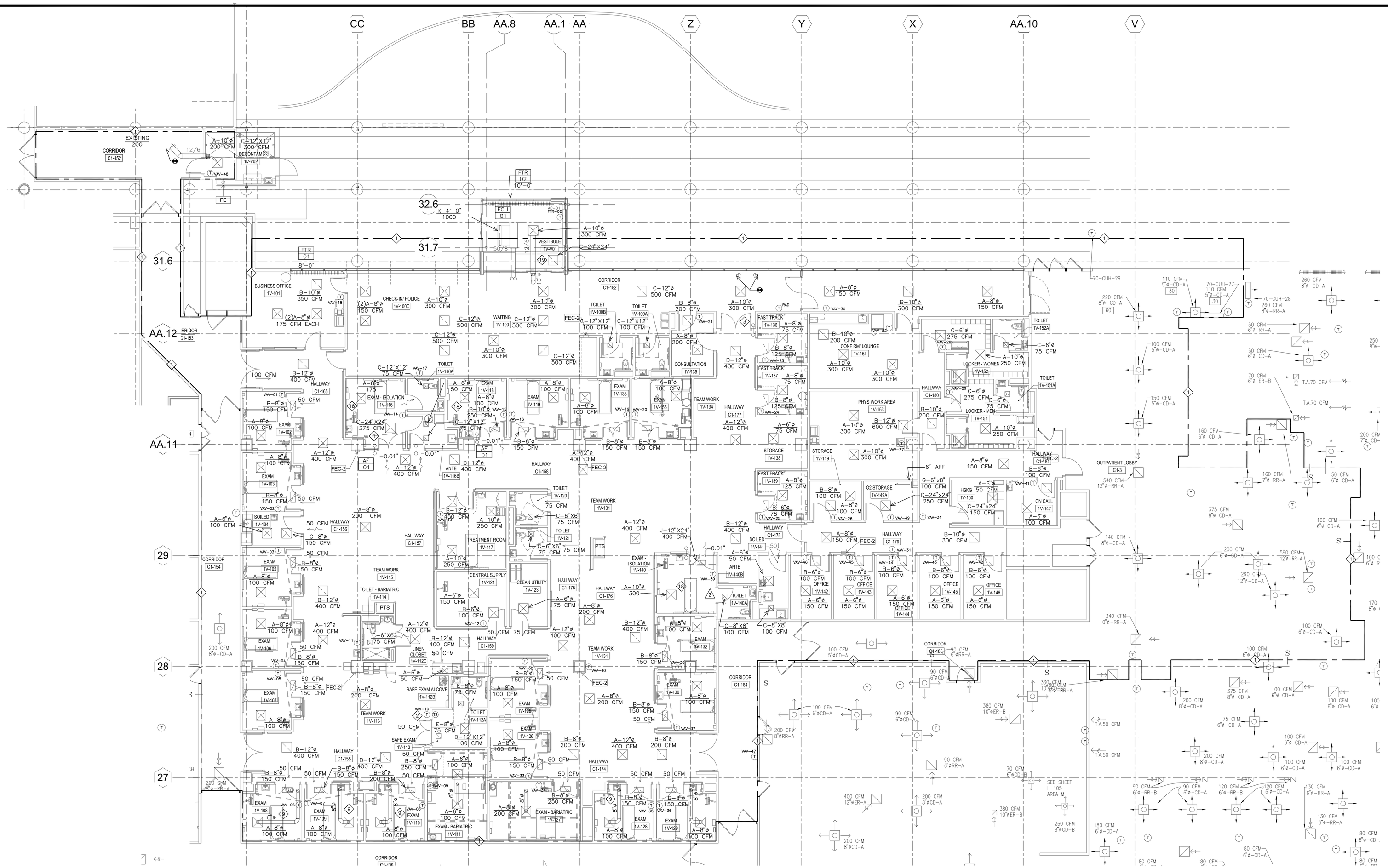

1 1ST FLOOR MECHANICAL BALANCING PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES:

A. SEE SHEET 1293-70-MH1.0 FOR GENERAL HVAC AND INFECTION CONTROL NOTES. ALSO REFER TO PHASING OUTLINE ON THAT DRAWING FOR SCHEDULING OF BALANCING EFFORTS.

B. COORDINATE HVAC WORK INDICATED ON THIS DRAWING WITH PROPOSED PHASING SHUTDOWNS INDICATED ON SHEET 1293-70-M1.0.

C. MECHANICAL CONTRACTOR SHALL HELP ORGANIZE AND MAINTAIN TEMPORARY COOLING UNITS, AND HEPA FILTERS, AROUND ENTIRE DEPARTMENT DURING EACH OUTAGE (refer to 'challanges' listed on drawing M0.0). VA WILL FURNISH ALL TEMPORARY COOLING UNITS, AND HEPA FILTERS REQUIRED FOR INSTALLATION BY MECHANICAL CONTRACTOR. HEAT DISCHARGE FROM EACH COOLING UNIT SHALL BE TEMPORARILY CONNECTED TO AN ADEQUATE EXHAUST DUCT, OR DUCTED TO EXTERIOR OF BUILDING. ASSUME UP TO TEN(10) COOLING UNITS REQUIRED.

KEY NOTES:

1 AH1NW-11 SERVES AREA INDICATED WITH DIFFUSER AND GRILLE LAYOUT PROVIDED FOR REFERENCE ONLY. AIRFLOW CFM QUANTITIES PROVIDED FROM VA AS-BUILTS AND ARE FOR REFERENCE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING GRILLE AND DIFFUSER QUANTITIES. PRIOR TO ANY DEMOLITION PROVIDE PRE-READINGS OF STATIC PRESSURE, AND AIRFLOW TRAVERSES, ON ALL SUPPLY DUCT MAINS. ALSO RECORD AIRFLOW WITHIN TWELVE(12) RANDOM ROOMS WITHIN BOUNDARIES SHOWN. REFER TO PHASING OUTLINE AND COORDINATE AHU SHUTDOWN WITH VA COR. ONCE NEW FANWALL IS INSTALLED SET DUCT STATIC PRESSURE IN EACH DUCT MAIN BACK TO PRE-RECORDED LEVELS AND CONFIRM TRAVERSE AIRFLOW READINGS ARE SAME AS PRE-DEMOLITION LEVELS. RETURN TO THE TWELVE(12) RANDOM ROOMS AND CONFIRM AIRFLOW LEVELS HAVE NOT BEEN ADVERSELY AFFECTED.

CD ISSUE
FULLY SPRINKLERED

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.

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TRUE NORTH
PLAN NORTH

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 Professional Engineer under the laws of the State of Minnesota.
JASON GOTTWALT, PE
Date 08/08/2014 Reg. No. 41360

Drawing Title: 1ST FLOOR MECHANICAL BALANCING PLAN	Project Title: UPGRADE AHU'S PHASE 2	Project No. 618-13-130	Office of Facilities Management
		Building Number 70	
Drawing Scale: AS NOTED	Approved: Catherine Joyce, Chief, Projects Section	Location: V.A. MEDICAL CENTER, ONE VETERANS DRIVE, MINNEAPOLIS, MN 55417	DRAWING NO. 1293-70-MH1.3
Plot Scale: 12" = 1'-0"	Approved: Steven Challeen, Director, Engineering	Date 08/08/2014 · Checked JRG · Drawn JG/RF	Dwg. 08 of 30

Department of Veterans Affairs