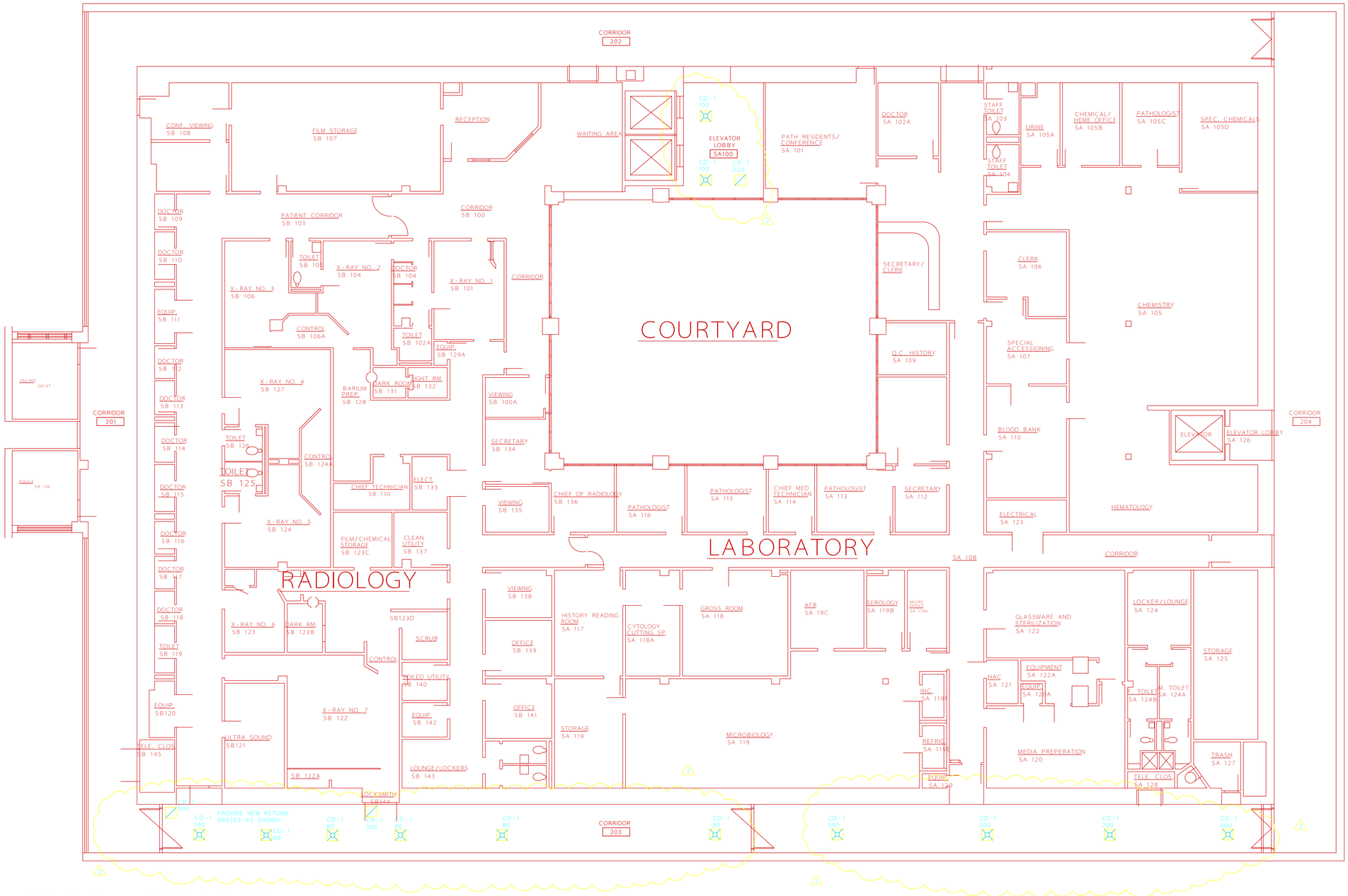

BUILDING 77 SECOND FLOOR HVAC PLAN

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

1

MECHANICAL LEGEND AND NOTES

1. JOHNSON CONTROLS PNEUMATIC THERMOSTAT MOUNTED AT 48" ABOVE THE FINISHED FLOOR TO PROVIDE COOLING ONLY OPERATION OF THE ASSOCIATED PNEUMATIC VAV BOX, OR APPROVED EQUAL.

TITUS MODEL PECV, OR APPROVED EQUAL, VARIABLE AIR VOLUME TERMINAL UNIT. PROVIDE A 10" DIAMETER TERMINAL WITH A MULTI POINT SENSOR. THE UNIT WILL SUPPLY 0 TO 800 CFM.

CD-1, 2 CEILING SUPPLY TITUS MODEL TMS, OR APPROVED EQUAL.

CR-1 CEILING RETURN TITUS MODEL 50F, OR APPROVED EQUAL.

CE-1 CEILING EXHAUST TITUS MODEL 50F, OR APPROVED EQUAL.

COORDINATE AIR DISTRUBUTION DEVICE LOCATIONS WITH THE ARCHITECHURAL CEILING PLAN, 69 A12.

F/SD FIRE / SMOKE DAMPER WITH ACCESS DOORS. PROVIDE DAMPER TO ACCOMADATE THE WALL RATING. INTERLOCK WITH THE EXISTING FIRE ALARM SYSTEM AS REQUIRED.

INDICATE CONNECTION OF NEW EQUIPMENT TO EXISTING SERVICES FIELD VERIFY CONNECTIONS.

DUCT CONNECTION: CONNECT THE NEW AIR DISTRIBUTION DEVICES TO THE EXISTING HVAC SYSTEMS. PROVIDE ALL LABOR MATERIALS AND HARDWARE REQUIRED. VERIFY INLINOUT SIZE BEFORE ORDING AIR DISTRIBUTTION DEVICES.

DUCTWORK SIZES AND LOCATIONS ARE APPROXMATE. THE CONTRACTOR SHALL FIELD VERIFY ALL DUCT SIZES AND LOCATIONS ADJACENT TO FIRE WALLS BEFORE ORDERING FIRE DAMPERS.

THE CONTRACTOR SHALL PROVIDE A TEST FOR ALL EXISTING AIR DISTRIBUTION DEVICES PRIOR DEMOLITION FROM AABC CERTIFIED TEST AND BALANCE AGENT, WITH THE ASSOCIATED VAV BOX FULLY OPEN, AND PROVIDE THE TEST INFORMATION TO THE DESIGN ENGINEER. THE TEST INFORMATION WILL INCLUDE AT THE LEAST DIFFUSER SIZE, NECK SIZE, AND FLOW RATE IN CFM. THE DESIGN ENGINEER WILL EVALUATE THE "AS CONFIGURED" CONDITION AS SHOWN IN THE REPORT AND PROVIDE REVISED DRAWINGS SHOWING REQUIRED AIR QUANTITIES FOR THE NEW LAYOUT.

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Revisions:	Date:
ADD AIR QUANTIES TO HVAC DIFUSERS 1	5/12/04

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Drawing Title: BUILDING 77 SECOND FLOOR HVAC PLAN

Project Title: James H. Quillen VA Medical Center Clinical Renovations - Bldg. 69/77

Date: 05/12/04

Project No.: 621-03-101

Approved: Chief, Facility Mgt. Svc.: COTR: Daniel B. Snyder III, P.E.

Building Number: 77

Checked by: GAF

Drawn by: JDG

Drawing No.: 77-M1.2

Dwg. ____ of ____

Approved: Chief, Facility & Plant Mgt. Div.:

Location: Mountain Home, TN

Department of Veterans Affairs