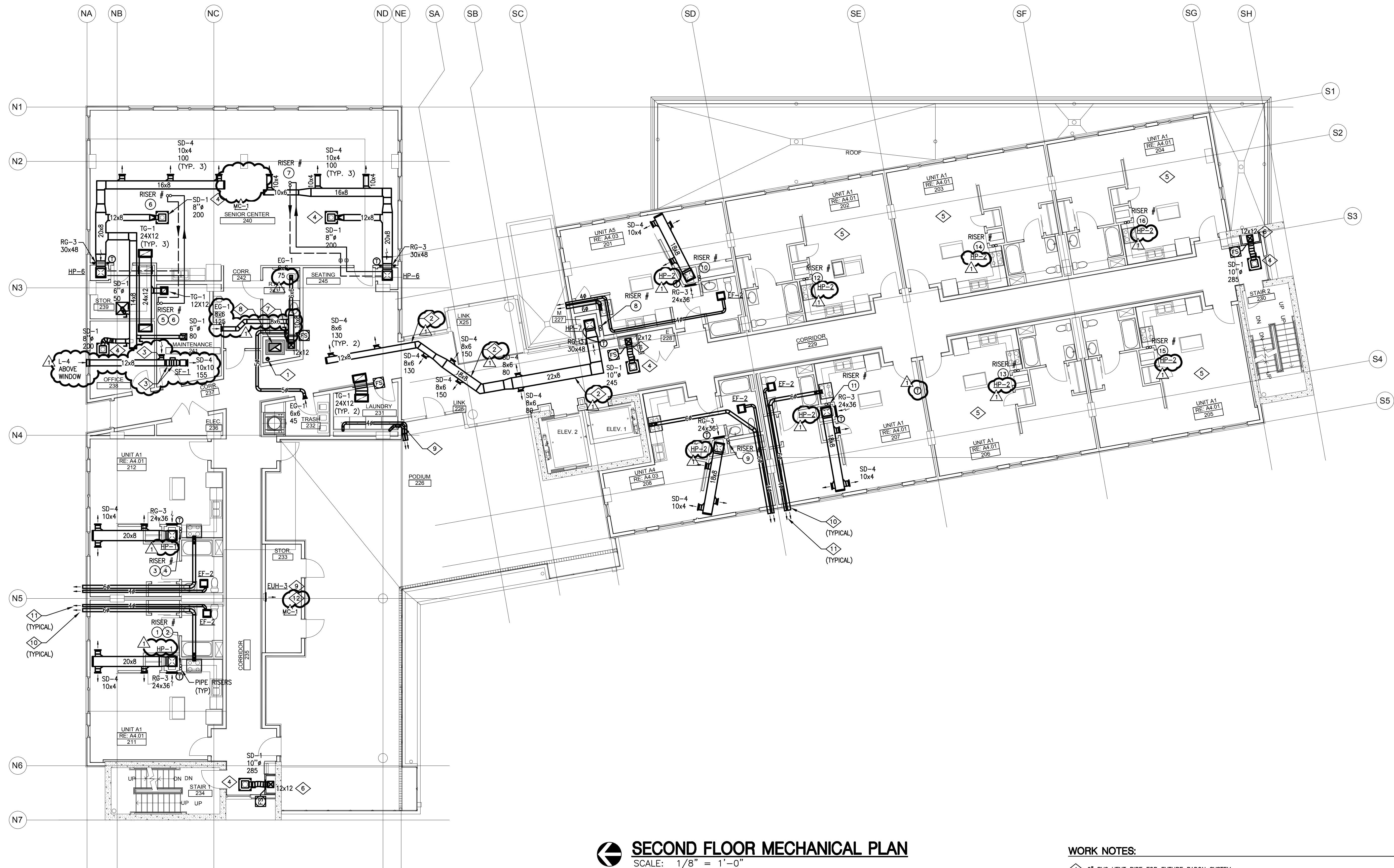




SECOND FLOOR MECHANICAL PLAN SCALE: 1/8" = 1'-0"

- WORK NOTES:**
- 6" PVC VENT PIPE FOR FUTURE RADON SYSTEM.
 - ALTERNATE OVAL DUCT SIZES: 14"x8" (REPL 12"x8" RECT); 20"x8" (REPL 18"x8" RECT); 22"x8" (REPL 22"x8" RECT).
 - FURNISH AND INSTALL SIDE MOUNT FILTER RACK FOR 12"x12"x1" 20% EFFICIENT THROW AWAY FILTER. FURNISH AND INSTALL 12"x12"x1" 2.1KW SLIP-IN OPEN COIL ELECTRIC DUCT HEATER, WITH FAN RELAY AND SCR CONTROL. INTERLOCK DUCT HEATER WITH FAN. BALANCE 8"x6" RETURN GRILLE TO 125 CFM.
 - SEE SUPPLY DIFFUSER PLENUM DETAIL ON SHEET M6.01.
 - MECHANICAL CONFIGURATION TYPICAL OF UNIT A1 ROOM 207, OR ITS MIRROR IMAGE.
 - 12"x12" DUCT UP (EXTERNALLY WRAPPED). TRANSITION TO 22"x12" DUCT IN 3RD FLOOR CHASE.
 - 12"x10" DUCT DOWN, 12"x12" DUCT UP.
 - 24"x16" GREASE DUCT UP. SEE GREASE DUCT EXHAUST DETAIL ON SHEET M6.00.
 - 4" DIA. DRYER EXHAUST. TERMINATE WITH MANUFACTURER RECOMMENDED BACKDRAFT DAMPERED WEATHER HOODS.
 - 6" DIA. KITCHEN EXHAUST. RANGE HOOD BY OTHERS.
 - 4" DIA. TOILET EXHAUST.
 - UNIT HEATER SHALL BE SET TO TURN ON WHEN ROOM TEMPERATURE FALLS BELOW 45°F. UNIT HEATERS SHALL BE OFF WHEN ROOM TEMPERATURE IS ABOVE 55°F.