

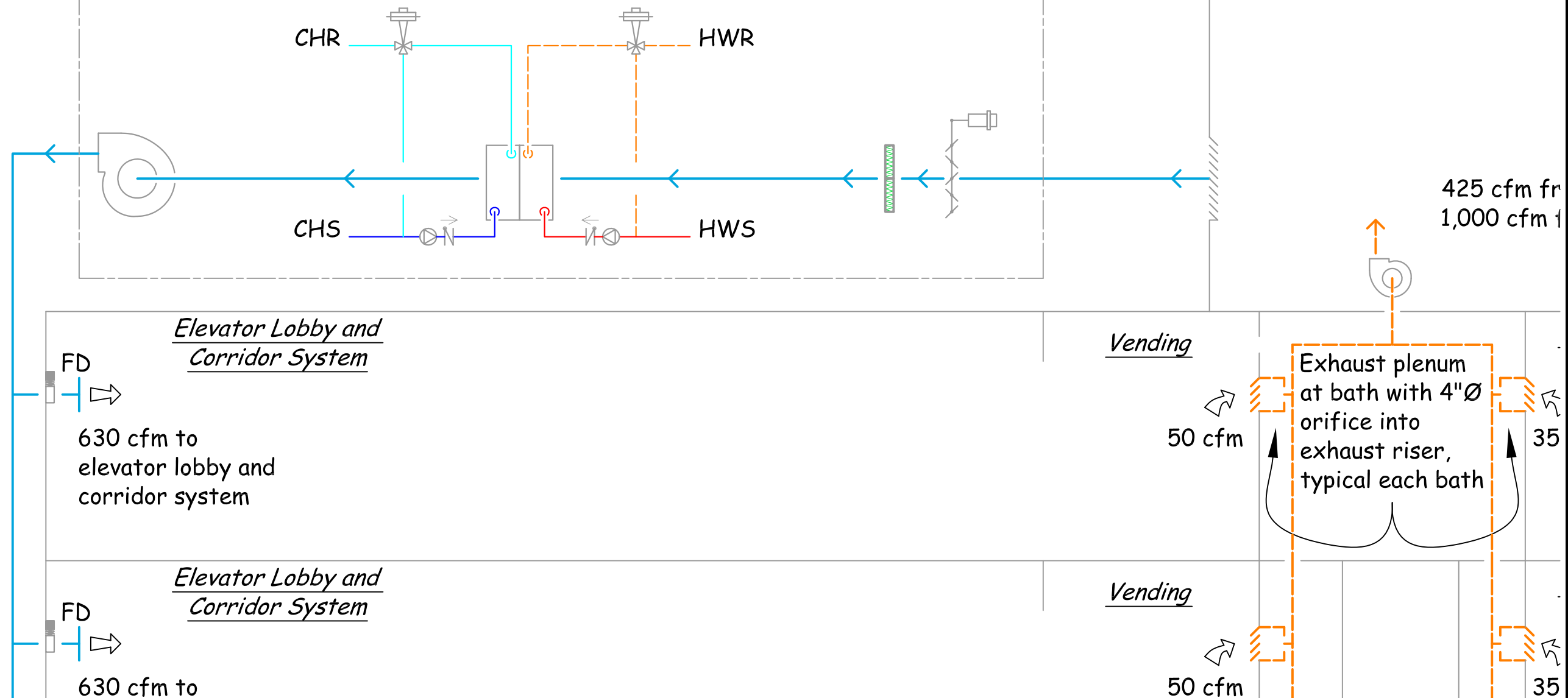
AHU13

Corridor Make-up Air Handling Unit at the Freight Elevators (others similar)

Supply fan - 3,152 cfm at 2.25 in.w.c., 3 hp from drawings; 3.150 cfm from drawing air flow

Preheat Coil - 3.152 cfm from -5°F to 105°F, 310.9 MBH using 9.6 gpm from 180°F to 113°F; 0.15 in.w.c. air side pressure drop, 1.4 ft.w.c. water side pressure drop; 2 Row, 14 fins per inch

Cooling Coil - 3.152 cfm from 93/63 tdb/twb °F to 52.0/48.8 tdb/twb°F, 116.8 MBH using 14.5 gpm from 40°F to 56°F; 0.30 in.w.c. air side pressure drop, 1.1 ft.w.c. water side pressure drop; 4 Row, 14 fins per inch



Denver West Corridor Make Up AHU 13 (Others Similar) - AHU Detail

Revisions: 1 -
Revisions: 2 -
Revisions: 3 -

Drawn by: DAS

Date: 2013-01-25

Checked by: ???

Plot date: ??? ? ? , ??? ?

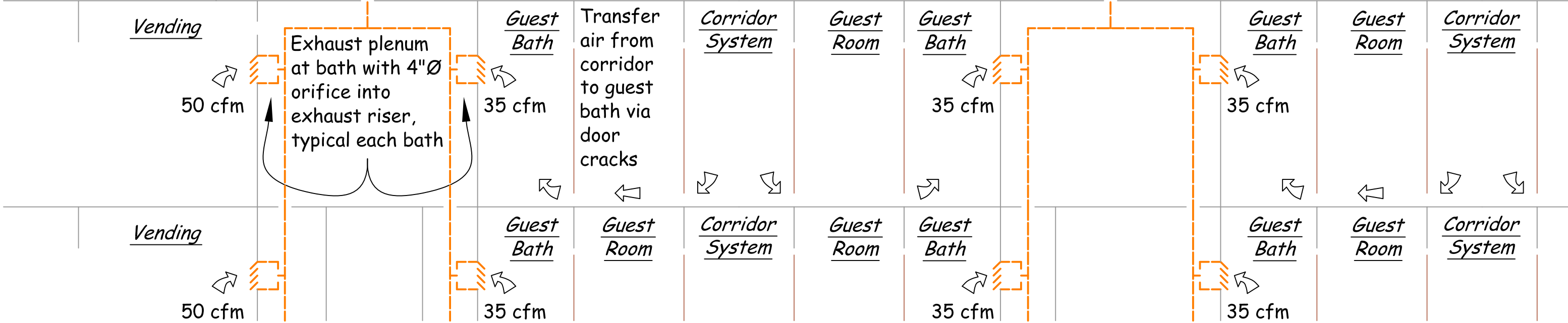
MAU-02

ing air
'F to
low, 14
IBH
water

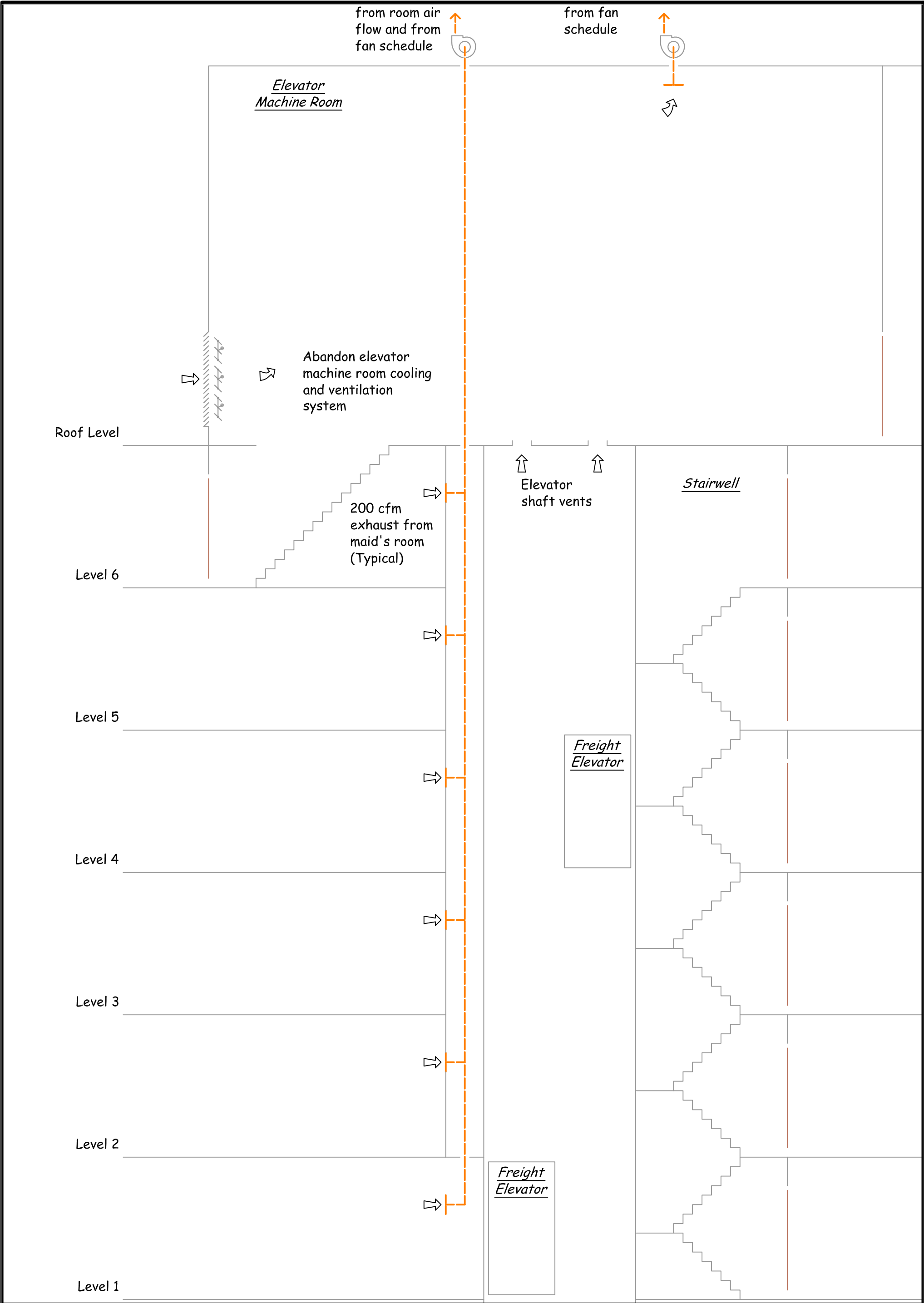


425 cfm from room air flow,
1,000 cfm from fan schedule

350 cfm from room air flow,
1,000 cfm from fan schedule



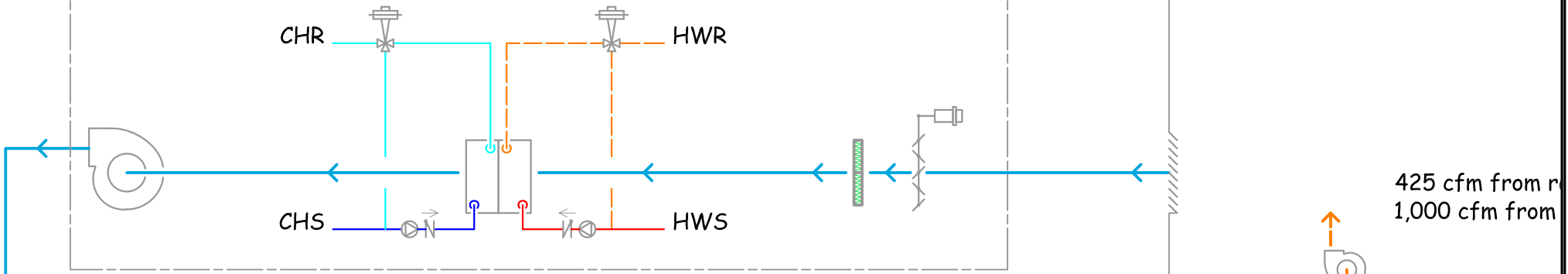
Denver West Corridor Make Up AHU 13 (Others Similar) - Guest Room Detail



Denver West Corridor Make Up AHU 13 Maids Room Exhaust Riser			
Revisions: 1 - Revisions: 2 - Revisions: 3 -	Drawn by: DAS	Date: 2013-01-25	MAU-04
	Checked by: ???	Plot date: ??? ??, ????	

AHU13

Corridor Make-up Air Handling Unit at the Freight Elevators (others similar)
Supply fan - 3,152 cfm at 2.25 in.w.c., 3 hp from drawings; 3.150 cfm from drawing air flow
Preheat Coil - 3.152 cfm from -5°F to 105°F, 310.9 MBH using 9.6 gpm from 180°F to 113°F; 0.15 in.w.c. air side pressure drop, 1.4 ft.w.c. water side pressure drop; 2 Row, 14 fins per inch
Cooling Coil - 3.152 cfm from 93/63 tdb/twb °F to 52.0/48.8 tdb/twb°F, 116.8 MBH using 14.5 gpm from 40°F to 56°F; 0.30 in.w.c. air side pressure drop, 1.1 ft.w.c. water side pressure drop; 4 Row, 14 fins per inch



Elevator Lobby and Corridor System

Vending

Guest Bath

FD
630 cfm to elevator lobby and corridor system

50 cfm

Exhaust plenum at bath with 4"Ø orifice into exhaust riser, typical each bath

35 cfm

Elevator Lobby and Corridor System

Vending

Guest Bath

FD
630 cfm to elevator lobby and corridor system

50 cfm

35 cfm

Elevator Lobby and Corridor System

Vending

Guest Bath

FD
630 cfm to elevator lobby and corridor system

50 cfm

35 cfm

Elevator Lobby and Corridor System

Vending

Guest Bath

FD
630 cfm to elevator lobby and corridor system

50 cfm

35 cfm

Elevator Lobby and Corridor System

Vending

Guest Bath

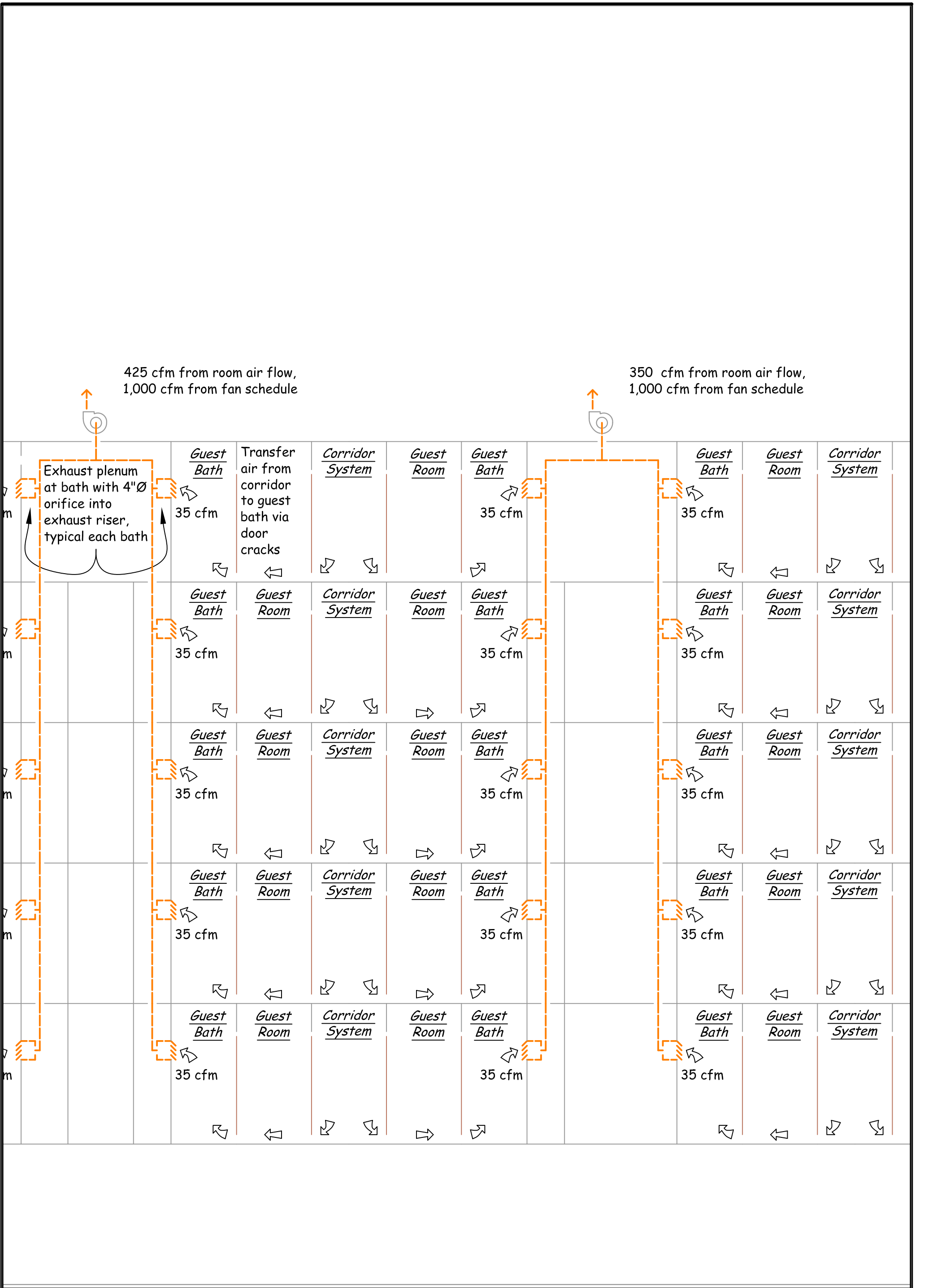
FD
630 cfm to elevator lobby and corridor system

50 cfm

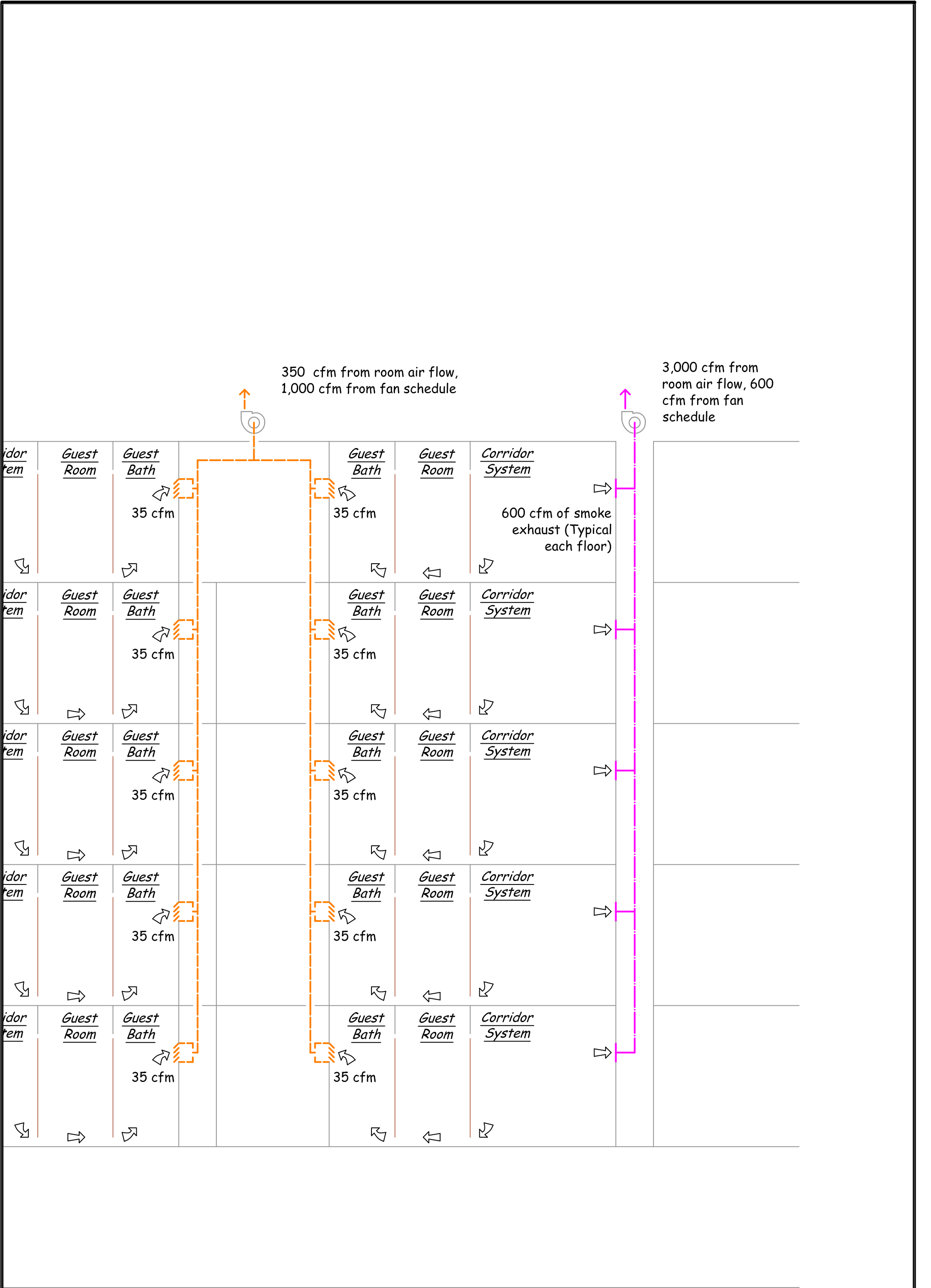
35 cfm

Denver West Corridor Make Up AHU 13 Vending Area Exhaust Riser

Revisions: 1 -	Drawn by: DAS	Date: 2013-01-25	MAU-05
Revisions: 2 -			
Revisions: 3 -	Checked by: ???	Plot date: ??? ? , ??? ?	



Denver West Corridor Make Up AHU 13 Guest Room Exhaust Riser			
Revisions: 1 - Revisions: 2 - Revisions: 3 -	Drawn by: DAS	Date: 2013-01-25	MAU-06
	Checked by: ???	Plot date: ??? ? , ??? ?	



Denver West Corridor Make Up AHU 13 Smoke Exhaust Riser			
Revisions: 1 - Revisions: 2 - Revisions: 3 -	Drawn by: DAS	Date: 2013-01-25	MAU-07
	Checked by: ???	Plot date: ??? ? ?, ????	