

VENTILATION SCHEDULE (PER ASHRAE 62.1)

Zone FCU 5 - PUBLIC AREA Ventilation

System Primary Airflow:	1,800 CFM	Average Outdoor Air Fraction:	0.125	Occupant Diversity:	1	Zone Air Distribution Effectiveness:	0.5	Primary Air Fraction to Zone:	1	Secondary Air Fraction to Zone:	1
Via:	Xs	D									
Unconnected Air Intake:	250 CFM	System Ventilation Efficiency:	0.792	Min. Outside Air Required:	200 CFM	Fraction of Supply Air to Zone from Outside Zone:	1	Fraction of Supply Air to Zone from Fully Mixed Primary Air:	1	Fraction of Outside Air to Zone from Outside Zone:	1
Via:	Ev	Vot	0.101	Fa	Fb	Fc					

Room Information

Room	Room Type	People Outdoor Air			Area Outdoor Air			Breathing Zone Outside Airflow (CFM)	Zone Outdoor Airflow (CFM)	Zone Discharge Airflow (CFM)	Discharge Outdoor Air Fraction	Zone Ventilation Efficiency
		Rate (CFM/person)	People (P)	Total (CFM)	Rate (CFM/ft ²)	Area (ft ²)	Total (CFM)					
110A ELEVATOR	General Corridor	0	0	0	0.56	34.0	22	22	29	77	0.364	0.792
112 W. MEN	General Restrooms	0	0	0	0	56.8	0	0	0	56	0	1.1
114 MEN	General Restrooms	0	0	0	0	59.4	0	0	0	58	0	1.1
117A MARKET	Food-Preparation	15	2	30	0	54.5	0	30	30	180	0.282	0.498
117B STORE	General Storage-Unoccupied	0	0	0	0	22.4	0	0	0	66	0	1.1
117 OFFICE-RECEPTION	Office-Reception	5	5	25	0.06	138	9	54	48	157	0.274	0.527
118 LOBBY	Office-Main Entry Lobby	5	12	60	0.06	1120	68	128	160	1450	0.11	0.99

VENTILATION SCHEDULE (PER ASHRAE 62.1)

Zone MFCU 1 - EMPLOYEE BREAKROOM Ventilation

System Primary Airflow:	600 CFM	Average Outdoor Air Fraction:	0.234	Occupant Diversity:	1	Zone Air Distribution Effectiveness:	0.5	Primary Air Fraction to Zone:	1	Secondary Air Fraction to Zone:	1
Via:	Xs	D									
Unconnected Air Intake:	50 CFM	System Ventilation Efficiency:	1	Min. Outside Air Required:	30 CFM	Fraction of Supply Air to Zone from Outside Zone:	1	Fraction of Supply Air to Zone from Fully Mixed Primary Air:	1	Fraction of Outside Air to Zone from Outside Zone:	1
Via:	Ev	Vot	0.05	Fa	Fb	Fc					

Room Information

Room	Room Type	People Outdoor Air			Area Outdoor Air			Breathing Zone Outside Airflow (CFM)	Zone Outdoor Airflow (CFM)	Zone Discharge Airflow (CFM)	Discharge Outdoor Air Fraction	Zone Ventilation Efficiency
		Rate (CFM/person)	People (P)	Total (CFM)	Rate (CFM/ft ²)	Area (ft ²)	Total (CFM)					
107 EMPLOYEE	General-BreakRoom	5	2	10	0.06	222	14	24	30	300	0.05	1

VENTILATION SCHEDULE (PER ASHRAE 62.1)

Zone MFCU 2 - EMPLOYEE WORK ROOMS Ventilation

System Primary Airflow:	600 CFM	Average Outdoor Air Fraction:	0.104	Occupant Diversity:	1	Zone Air Distribution Effectiveness:	0.5	Primary Air Fraction to Zone:	1	Secondary Air Fraction to Zone:	1
Via:	Xs	D									
Unconnected Air Intake:	60 CFM	System Ventilation Efficiency:	0.955	Min. Outside Air Required:	50 CFM	Fraction of Supply Air to Zone from Outside Zone:	1	Fraction of Supply Air to Zone from Fully Mixed Primary Air:	1	Fraction of Outside Air to Zone from Outside Zone:	1
Via:	Ev	Vot	0.083	Fa	Fb	Fc					

Room Information

Room	Room Type	People Outdoor Air			Area Outdoor Air			Breathing Zone Outside Airflow (CFM)	Zone Outdoor Airflow (CFM)	Zone Discharge Airflow (CFM)	Discharge Outdoor Air Fraction	Zone Ventilation Efficiency
		Rate (CFM/person)	People (P)	Total (CFM)	Rate (CFM/ft ²)	Area (ft ²)	Total (CFM)					
115A WORK	Office-Office	5	2	10	0.0	213	14	24	30	206	0.146	0.955
115B OFFICE	Office-Office	5	1	5	0.0	114	7	12	15	327	0.0459	1.04
115C STORE	General-Storage-Unoccupied	0	0	0	0	37.1	0	0	0	67	0	1.08

VENTILATION SCHEDULE (PER ASHRAE 62.1)

Zone FCU 1 - DINING Ventilation

System Primary Airflow:	1,800 CFM	Average Outdoor Air Fraction:	0.125	Occupant Diversity:	1	Zone Air Distribution Effectiveness:	0.5	Primary Air Fraction to Zone:	1	Secondary Air Fraction to Zone:	1
Via:	Xs	D									
Unconnected Air Intake:	250 CFM	System Ventilation Efficiency:	0.639	Min. Outside Air Required:	200 CFM	Fraction of Supply Air to Zone from Outside Zone:	1	Fraction of Supply Air to Zone from Fully Mixed Primary Air:	1	Fraction of Outside Air to Zone from Outside Zone:	1
Via:	Ev	Vot	0.101	Fa	Fb	Fc					

Room Information

Room	Room Type	People Outdoor Air			Area Outdoor Air			Breathing Zone Outside Airflow (CFM)	Zone Outdoor Airflow (CFM)	Zone Discharge Airflow (CFM)	Discharge Outdoor Air Fraction	Zone Ventilation Efficiency
		Rate (CFM/person)	People (P)	Total (CFM)	Rate (CFM/ft ²)	Area (ft ²)	Total (CFM)					
112A OFFICE	Food-Preparation	15	2	30	0	43.2	0	30	30	180	0.282	0.498
112B BREAKFAST	Food-Preparation	7.5	2	15	0.16	85.8	1.55	350	45.8	1,150	0.04	0.99

VENTILATION SCHEDULE (PER ASHRAE 62.1)

Zone FCU 2 - FOOD PREP Ventilation

System Primary Airflow:	600 CFM	Average Outdoor Air Fraction:	0.234	Occupant Diversity:	1	Zone Air Distribution Effectiveness:	0.5	Primary Air Fraction to Zone:	1	Secondary Air Fraction to Zone:	1
Via:	Xs	D									
Unconnected Air Intake:	100 CFM	System Ventilation Efficiency:	1	Min. Outside Air Required:	150 CFM	Fraction of Supply Air to Zone from Outside Zone:	1	Fraction of Supply Air to Zone from Fully Mixed Primary Air:	1	Fraction of Outside Air to Zone from Outside Zone:	1
Via:	Ev	Vot	0.1	Fa	Fb	Fc					

Room Information

Room	Room Type	People Outdoor Air			Area Outdoor Air			Breathing Zone Outside Airflow (CFM)	Zone Outdoor Airflow (CFM)	Zone Discharge Airflow (CFM)	Discharge Outdoor Air Fraction	Zone Ventilation Efficiency
		Rate (CFM/person)	People (P)	Total (CFM)	Rate (CFM/ft ²)	Area (ft ²)	Total (CFM)					
112A FOOD PREP	Food-Preparation	15	2	30	0	38.6	0	30	30	200	0.128	1

VENTILATION SCHEDULE (PER ASHRAE 62.1)

Zone FCU 3 - FITNESS CENTER Ventilation

System Primary Airflow:	100 CFM	Average Outdoor Air Fraction:	0.234	Occupant Diversity:	1	Zone Air Distribution Effectiveness:	0.5	Primary Air Fraction to Zone:	1	Secondary Air Fraction to Zone:	1
Via:	Xs	D									
Unconnected Air Intake:	251 CFM	System Ventilation Efficiency:	1	Min. Outside Air Required:	225 CFM	Fraction of Supply Air to Zone from Outside Zone:	1	Fraction of Supply Air to Zone from Fully Mixed Primary Air:	1	Fraction of Outside Air to Zone from Outside Zone:	1
Via:	Ev	Vot	0.128	Fa	Fb	Fc					

Room Information

Room	Room Type	People Outdoor Air			Area Outdoor Air			Breathing Zone Outside Airflow (CFM)	Zone Outdoor Airflow (CFM)	Zone Discharge Airflow (CFM)	Discharge Outdoor Air Fraction	Zone Ventilation Efficiency
		Rate (CFM/person)	People (P)	Total (CFM)	Rate (CFM/ft ²)	Area (ft ²)	Total (CFM)					
116 FITNESS CENTER	Sports-Health Club-Weight Room	20	7	140	0.06	233	38	178	228	1,200	0.188	1

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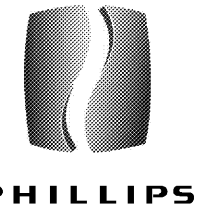
Zone FCU 4 - LAUNDRY Ventilation

System Primary Airflow:	600 CFM	Average Outdoor Air Fraction:	0.234	Occupant Diversity:	1	Zone Air Distribution Effectiveness:	0.5	Primary Air Fraction to Zone:	1	Secondary Air Fraction to Zone:	1
Via:	Xs	D									
Unconnected Air Intake:	100 CFM	System Ventilation Efficiency:	0.948	Min. Outside Air Required:	150 CFM	Fraction of Supply Air to Zone from Outside Zone:	1	Fraction of Supply Air to Zone from Fully Mixed Primary Air:	1	Fraction of Outside Air to Zone from Outside Zone:	1
Via:	Ev	Vot	0.128	Fa	Fb	Fc					

Room Information

Room	Room Type	People Outdoor Air			Area Outdoor Air			Breathing Zone Outside Airflow (CFM)	Zone Outdoor Airflow (CFM)	Zone Discharge Airflow (CFM)	Discharge Outdoor Air Fraction	Zone Ventilation Efficiency
		Rate (CFM/person)	People (P)	Total (CFM)	Rate (CFM/ft ²)	Area (ft ²)	Total (CFM)					
109 LAUNDRY	Retail-Consumer-Operated Laundry	7.5	11	83	0.06	521	32	115	144	612	0.238	0.268
113A L. CLOSET	General-Storage-Unoccupied	0	0	0	0	49.5	0	0	0	168	0	1.10

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KEYPLAN

CONSULTANT



SEAL



ISSUE & REVISION RECORD

#	DATE	DESCRIPTION
06.10.2019	30% DESIGN REVIEW SET	
08.15.2019	80% REVIEW SET	
08.23.2019	PERMIT SET	

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PROJECT

Fairfield BY MARRIOTT INN & SUITES
 DAWSONVILLE, GEORGIA

PROTOTYPE VERSION 2016
 REV 7.12.21.18
 4 STORY, 92 UNITS
 w/ INDOOR POOL

FAIRFIELD DAWSON FOREST ROAD DAWSONVILLE, GA 30534

CLIENT

RIMROCK COMPANIES
 10000 RIVERSIDE AVE
 SUITE 32201
 JACKSONVILLE, FL 32204

PHILLIPS JOB NUMBER 1972101

ISSUE DATE 08/23/2019

DRAWN BY/CHECKED BY TW JD

DRAWING TITLE SCHEDULES

SHEET NUMBER

M-0.5

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