

17TH FLOOR VAV BOX SCHEDULE

REF.	SIZE	AIR FLOW		OUTLET SIZE	REMARKS
		MAX. L/S	MIN. L/S		
VAV-17-01	254#	540	70	---	EXISTING VAV BOX TO BE REBALANCED
VAV-17-02	152#	90	10	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-03	152#	90	10	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-04	203#	225	40	305x305	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-05	152#	135	20	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-06	152#	90	10	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-07	229#	315	50	---	EXISTING VAV BOX TO BE REBALANCED
VAV-17-08	152#	152	30	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-09	152#	152	30	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-10	229#	270	40	---	EXISTING VAV BOX TO BE REBALANCED
VAV-17-11	152#	90	10	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-12	152#	135	20	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-13	152#	135	20	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-14	229#	270	40	305x305	RELOCATED VAV BOX TO BE REBALANCED
VAV-17-15	203#	225	40	305x305	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-16	152#	135	20	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-17	152#	135	20	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-18	254#	450	60	---	EXISTING VAV BOX TO BE REBALANCED
VAV-17-19	203#	270	40	---	EXISTING VAV BOX TO BE REBALANCED
VAV-17-20	152#	90	10	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-21	203#	180	30	305x305	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-17-22	229#	360	50	---	EXISTING VAV BOX TO BE REBALANCED
VAV-17-23	152#	135	20	---	EXISTING VAV BOX TO BE REBALANCED
VAV-17-24	229#	360	50	---	EXISTING VAV BOX TO BE REBALANCED
VAV-17-25	203#	180	30	305x305	NEW VAV BOX C/W 900mm ATTENUATOR

19TH FLOOR VAV BOX SCHEDULE

REF.	SIZE	AIR FLOW		OUTLET SIZE	REMARKS
		MAX. L/S	MIN. L/S		
VAV-19-01	229#	180	30	---	EXISTING VAV BOX TO BE REBALANCED
VAV-19-02	152#	135	20	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-03	203#	225	40	305x305	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-04	152#	135	20	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-05	203#	225	40	305x305	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-06	152#	90	10	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-07	203#	270	40	305x305	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-08	152#	152	20	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-09	152#	152	20	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-10	254#	495	60	---	RELOCATED VAV BOX TO BE REBALANCED
VAV-19-11	152#	135	20	---	EXISTING VAV BOX TO BE REBALANCED
VAV-19-12	152#	135	20	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-13	152#	135	20	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-14	229#	315	50	---	RELOCATED VAV BOX TO BE REBALANCED
VAV-19-15	203#	180	30	---	EXISTING VAV BOX TO BE REBALANCED
VAV-19-16	203#	225	40	305x305	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-17	152#	135	20	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-18	229#	270	40	---	EXISTING VAV BOX TO BE REBALANCED
VAV-19-19	254#	540	70	---	EXISTING VAV BOX TO BE REBALANCED
VAV-19-20	152#	90	10	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-21	152#	90	10	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-22	152#	90	10	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-23	152#	90	10	305x254	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-19-24	229#	270	40	---	EXISTING VAV BOX TO BE REBALANCED
VAV-19-25	229#	270	40	---	EXISTING VAV BOX TO BE REBALANCED

20TH FLOOR VAV BOX SCHEDULE

REF.	SIZE	AIR FLOW		OUTLET SIZE	REMARKS
		MAX. L/S	MIN. L/S		
VAV-20-01	254#	585	70	---	EXISTING VAV BOX TO BE REBALANCED
VAV-20-02	152#	90	10	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-03	152#	90	10	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-04	152#	135	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-05	203#	225	40	305x305	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-06	152#	90	10	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-07	229#	405	50	---	EXISTING VAV BOX TO BE REBALANCED
VAV-20-08	152#	152	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-09	152#	152	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-10	152#	150	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-11	254#	675	80	---	EXISTING VAV BOX TO BE REBALANCED
VAV-20-12	152#	135	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-13	152#	135	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-14	203#	270	40	305x305	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-15	203#	225	40	305x305	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-16	152#	135	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-17	305#	765	90	---	EXISTING VAV BOX TO BE REBALANCED
VAV-20-18	203#	180	30	---	EXISTING VAV BOX TO BE REBALANCED
VAV-20-19	152#	90	10	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-20	152#	90	10	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-20-21	254#	540	60	---	EXISTING VAV BOX TO BE REBALANCED

21ST FLOOR VAV BOX SCHEDULE

REF.	SIZE	AIR FLOW		OUTLET SIZE	REMARKS
		MAX. L/S	MIN. L/S		
VAV-21-01	254#	405	50	---	EXISTING VAV BOX TO BE REBALANCED
VAV-21-02	152#	90	10	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-03	152#	90	10	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-04	152#	135	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-05	203#	225	40	305x305	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-06	152#	90	10	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-07	229#	405	50	---	EXISTING VAV BOX TO BE REBALANCED
VAV-21-08	152#	152	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-09	152#	152	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-10	152#	135	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-11	254#	495	50	---	EXISTING VAV BOX TO BE REBALANCED
VAV-21-12	152#	135	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-13	152#	135	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-14	203#	270	40	305x305	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-15	203#	225	40	305x305	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-16	152#	135	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-17	152#	135	20	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-18	254#	405	50	---	EXISTING VAV BOX TO BE REBALANCED
VAV-21-19	152#	90	10	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-20	152#	90	10	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-21	152#	90	10	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-22	152#	90	10	305x203	NEW VAV BOX C/W 900mm ATTENUATOR
VAV-21-23	254#	405	50	---	EXISTING VAV BOX TO BE REBALANCED
VAV-21-24	152#	90	10	305x203	NEW VAV BOX C/W 900mm ATTENUATOR

17TH FLOOR FAN SCHEDULE

REF.	FUNCTION	LOCATION	CAPACITY		ELECTRICAL			REMARKS	
			FLOW L/S	SP Pa	RPM	MAX WATTS	VOLTS		PH.
F-17-1	TRANSFER FAN	ROOM 1716	283	62	1050	273	120	1	NEW CABINET FAN
F-17-2	TRANSFER FAN	ROOM 1703a	283	62	1050	273	120	1	NEW CABINET FAN
F-17-3	TRANSFER FAN	ROOM 1703b	283	62	1050	273	120	1	NEW CABINET FAN
F-17-4	TRANSFER FAN	ROOM 1751	283	62	1050	273	120	1	NEW CABINET FAN
F-17-5	TRANSFER FAN	ROOM 1751	283	62	1050	273	120	1	NEW CABINET FAN

19TH FLOOR FAN SCHEDULE

REF.	FUNCTION	LOCATION	CAPACITY		ELECTRICAL			REMARKS	
			FLOW L/S	SP Pa	RPM	MAX WATTS	VOLTS		PH.
F-19-1	TRANSFER FAN	ROOM 1916	283	62	1050	273	120	1	NEW CABINET FAN
F-19-2	TRANSFER FAN	ROOM 1903a	283	62	1050	273	120	1	NEW CABINET FAN
F-19-3	TRANSFER FAN	ROOM 1903b	283	62	1050	273	120	1	NEW CABINET FAN
F-19-4	TRANSFER FAN	ROOM 1951	283	62	1050	273	120	1	NEW CABINET FAN
F-19-5	TRANSFER FAN	ROOM 1951	283	62	1050	273	120	1	NEW CABINET FAN

20TH FLOOR FAN SCHEDULE

REF.	FUNCTION	LOCATION	CAPACITY		ELECTRICAL			REMARKS	
			FLOW L/S	SP Pa	RPM	MAX WATTS	VOLTS		PH.
F-20-1	TRANSFER FAN	ROOM 2016	283	62	1050	273	120	1	NEW CABINET FAN
F-20-2	TRANSFER FAN	ROOM 2003a	283	62	1050	273	120	1	NEW CABINET FAN
F-20-3	TRANSFER FAN	ROOM 2003b	283	62	1050	273	120	1	NEW CABINET FAN
F-20-4	TRANSFER FAN	ROOM 2051	283	62	1050	273	120	1	NEW CABINET FAN
F-20-5	TRANSFER FAN	ROOM 2051	283	62	1050	273	120	1	NEW CABINET FAN

21ST FLOOR FAN SCHEDULE

REF.	FUNCTION	LOCATION	CAPACITY		ELECTRICAL			REMARKS	
			FLOW L/S	SP Pa	RPM	MAX WATTS	VOLTS		PH.
F-21-1	TRANSFER FAN	ROOM 2116	283	62	1050	273	120	1	NEW CABINET FAN
F-21-2	TRANSFER FAN	ROOM 2103a	283	62	1050	273	120	1	NEW CABINET FAN
F-21-3	TRANSFER FAN	ROOM 2103b	283	62	1050	273	120	1	NEW CABINET FAN
F-21-4	TRANSFER FAN	ROOM 2151	283	62	1050	273	120	1	NEW CABINET FAN
F-21-5	TRANSFER FAN	ROOM 2151	283	62	1050	273	120	1	NEW CABINET FAN

GRILLE & DIFFUSER SCHEDULE

REF.	FUNCTION	THROW DIRECTION	FRAME OR BORDER TYPE	NECK SIZE	COLOR	BALANCING DAMPER	REMARKS
A	SUPPLY	4-WAY	T-BAR	152#	WHITE	IN BRANCH	NEW SQUARE DEFLECTOR DIFFUSER
B	RETURN	---	T-BAR	305x305	WHITE	---	NEW ALUMINUM EDGEGRATE GRILLE

REMOVED AND/OR RELOCATED	EXISTING TO REMAIN	NEW	HVAC LEGEND
			SUPPLY AIR DUCT
			RETURN OR EXHAUST DUCT
			INTERNAL ACOUSTIC DUCT LINING
			FIRE DAMPER
			BALANCING DAMPER
			TURNING VANES
			SQUARE TO ROUND TRANSITION
			FLEXIBLE DUCT (MAX. 6' LENGTH)
			VAV BOX NO ATTENUATOR
			VAV BOX WITH ATTENUATOR
			SQUARE DIFFUSER
			DUCTED RETURN/EXHAUST GRILLE
			EDGEGRATE RETURN/EXHAUST GRILLE
			DOOR GRILLE
			FLEXIBLE CONNECTION

REMOVED AND/OR RELOCATED	EXISTING TO REMAIN	NEW	CONTROLS LEGEND
			TEMPERATURE SENSOR
			CARBON DIOXIDE SENSOR
			CONTROL WIRING/TUBING
			HEATING ZONES

REMOVED AND/OR RELOCATED	EXISTING TO REMAIN	NEW	PLUMBING LEGEND
			SANITARY PIPING ABOVE GRADE/FLOOR
			SANITARY PIPING BELOW GRADE/FLOOR
			DOMESTIC COLD WATER PIPING
			DOMESTIC HOT WATER PIPING
			DOMESTIC HOT WATER RECIRCULATION PIPING
			CLEAN OUT

REMOVED AND/OR RELOCATED	EXISTING TO REMAIN	NEW	VALVES & FITTINGS LEGEND
			GATE VALVE
			BALL VALVE