

Report By:

**National TAB
1329 E. KEMPER ROAD
SUITE 4210
CINCINNATI, OH 45246**



**Report: test_22
Function: Test, Adjust, & Balance
Date: 06/07/2023**

PROJECT

Dayton Children's Hospital (Dayton, OH)

1 Childrens Plaza

Dayton, OH 45404

Client

Cinfab, LLC
5240 Lester Road
Cincinnati, OH 45213

National TAB

Project: Dayton Children's Hospital (Dayton, OH)

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Comfort. Under control.

National TAB

Project: Dayton Children's Hospital (Dayton, OH)

System/Unit: AHU-DUAL FAN

Asset: AHU-63

AREA:6-6503

UNIT DATA - SUPPLY		
	Design	Actual
Manufacturer	TRANE	TRANE
Model Number	NA	TCPA0AD29C4M3322S0209
Serial Number	-	M21J00093
No. Pre-Filters / Size (1)	-	45, 24"X24"X2"
No. Final Filters / Size (1)	-	45, 24"X24"X2"

MOTOR DATA - SUPPLY		
	Design	Actual
Motor MFG / Frame	-	BALDOR / 256
Horsepower / RPM	-	30 / 1800
Rated Volts / Phase	-	460 / 3
Rated Amperage / SF	-	38 / 1.15

DRIVE DATA - SUPPLY		
	Design	Actual

TEST DATA - SUPPLY		
	Design	Actual
Total CFM	85000 / 64480	65522 (connected)
OA CFM	16120	14876
VFD Speed	77.0hz / 56hz	56.2 HZ
RL Voltage	460	318 VFD
RL Amperage	-	17.1 VFD

PERFORMANCE DATA - SUPPLY		
	Design	Actual
Static Pressure Stpt	-	2.2"
Suction S.P.	-	1.24"
Discharge S.P.	-	1.38"
Total S.P.	-	2.64"
Chilled Water Coil P.D.	0.62	0.37"
Pre Heat Coil P.D.	0.10	0.08"
Final Filters P.D.	0.39	NOT INSTALLED
Pre-Filters P.D.	0.23	0.42"
Total ESP	4.0"	3.4"

UNIT DATA - EXHAUST/RETURN		
	Design	Actual

MOTOR DATA - EXHAUST/RETURN		
	Design	Actual
Motor MFG / FRAME	-	BALDOR / 256
Horsepower / RPM	-	10 / 1180
Rated Volts / Phase	-	460 / 3
Rated Amperage / SF	-	14.1 / 1.15

DRIVE DATA - EXHAUST/RETURN		
	Design	Actual

TEST DATA - EXHAUST/RETURN		
	Design	Actual
Total CFM	80000 / 50450	50125 (connected)
VFD Speed	67hz / 56hz	55.8 HZ
RL Voltage	-	301 VFD
RL Amperage	-	8.9 VFD

PERFORMANCE DATA - EXHAUST/RETURN		
	Design	Actual
Static Pressure Stpt	-	1.25"
Suction S.P.	-	2.02"
Discharge S.P.	-	0.12"
Total S.P.	3.150"	2.14"

Completed By: Nick Payne on 12/22/2022

Notes: Flow Station K Factors Supply 0.825 Return 0.715 OA Min 1.715 OA Econ 1.317

Date: 12/23/2022



Comfort. Under control.

National TAB

Project: Dayton Children's Hospital (Dayton, OH)

AHU-DUAL FAN

VAV - Single Duct

AHU-63/6-6503

Asset											
Asset Name	MFG	Model Num	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
63-1-01	NAILOR	D30RE	VAV	9"	780	799	780	784	515	521	1544.9
63-1-02	NAILOR	D30RE	CAV	24"	2420	2438	2420	2408	2180	2195	6314
63-1-03	NAILOR	D30RE	VAV	16"	1890	1901	1890	1891	945	956	3230.9
63-1-04	NAILOR	D30RE	VAV	9"	750	759	750	751	715	720	1537.9
63-1-05	NAILOR	D30RE	VAV	9"	795	802	795	797	760	768	1560.8
63-1-06	NAILOR	D30RE	VAV	7"	450	451	140	142	225	231	924.1
63-1-07	NAILOR	D30RE	VAV	6"	140	144	70	74	140	141	556.4
63-1-08	NAILOR	D30RE	VAV	6"	300	303	70	72	150	149	529.4
63-1-09	NAILOR	D30RE	VAV	6"	245	243	70	72	125	129	484.6
63-1-10	NAILOR	D30RE	VAV	7"	430	417	410	409	410	413	933.4
63-1-11	NAILOR	D30RE	VAV	6"	200	197	125	132	125	127	527.6
63-1-12	NAILOR	D30RE	VAV	6"	240	243	160	162	160	158	516.0
63-1-13	NAILOR	D30RE	VAV	6"	240	245	170	174	170	165	504.2
63-1-14	NAILOR	D30RE	VAV	7"	530	526	465	459	465	471	965.9
63-1-15	NAILOR	D30RE	VAV	6"	240	249	160	162	160	158	552.6
63-1-16	NAILOR	D30RE	VAV	6"	240	252	160	164	160	163	612.2
63-1-17	NAILOR	D30RE	VAV	6"	180	191	65	71	90	92	569.1
63-1-18	NAILOR	D30RE	VAV	6"	180	180	100	102	100	101	501.2
63-1-19	NAILOR	D30RE	VAV	6"	140	138	80	82	80	81	477.6
63-2-01	NAILOR	D30RE	VAV	12"	980	1002	615	621	615	621	2081.7
63-2-02	NAILOR	D30RE	VAV	7"	400	401	300	304	300	304	966.3
63-2-03	NAILOR	D30RE	VAV	9"	870	868	770	760	770	760	1477.3
63-2-04	NAILOR	D30RE	VAV	9"	650	660	650	647	650	643	1574.8
63-2-05	NAILOR	D30RE	VAV	14"	1280	1290	400	406	835	835	2639.2
63-2-06	NAILOR	D30RE	VAV	12"	1180	1351	350	360	590	596	1867.3
63-2-07	NAILOR	D30RE	VAV	14"	1555	1557	445	451	780	775	3007.9
63-2-08	NAILOR	D30RE	VAV	6"	200	206	150	154	150	154	487.9
63-2-09	NAILOR	D30RE	VAV	6"	175	174	165	167	165	169	512.6
63-2-10	NAILOR	D30RE	VAV	9"	885	867	605	601	605	601	1622.6
63-2-11	NAILOR	D30RE	VAV	12"	1175	1176	400	409	765	771	2091.8
63-2-12	NAILOR	D30RE	VAV	14"	1715	1734	400	406	1115	1184	2697.2
63-2-13	NAILOR	D30RE	VAV	12"	1200	1194	300	312	600	592	2151.7
63-2-14	NAILOR	D30RE	VAV	24"	3500	3710	1000	1022	2275	2288	7488
63-2-15	NAILOR	D30RE	VAV	6"	100	99	70	69	100	99	629.8
63-2-16	NAILOR	D30RE	VAV	24"	2420	2440	1105	1115	2180	2204	5720
63-2-17	NAILOR	D30RE	VAV	6"	150	150	70	74	75	74	492.7
63-2-18	NAILOR	D30RE	VAV	6"	300	306	300	319	300	310	909.5
63-2-19	NAILOR	D30RE	VAV	7"	370	367	100	108	185	188	978.1
63-2-20	NAILOR	D30RE	VAV	3"	200	196	150	153	150	153	535.2
63-3-01	NAILOR	D30RE	VAV	10"	770	806	510	512	510	518	1381.8
63-3-02	NAILOR	D30RE	VAV	10"	800	832	510	517	510	522	1537.6
63-3-03	NAILOR	D30RE	VAV	12"	900	921	290	298	450	456	2131.3
63-3-04	NAILOR	D30RE	VAV	6"	300	315	225	230	225	237	525.4
63-3-05	NAILOR	D30RE	VAV	8"	400	403	125	130	200	208	986.4
63-3-06	NAILOR	D30RE	VAV	8"	600	627	290	313	300	305	935.6
63-3-07	NAILOR	D30RE	VAV	6"	360	375	360	362	360	370	667.6
63-3-08	NAILOR	D30RE	VAV	6"	350	346	70	72	175	180	474.2
63-3-09	NAILOR	D30RE	VAV	16"	1860	1859	450	461	1210	1224	3525.9
63-3-10	NAILOR	D30RE	VAV	8"	530	548	170	177	265	272	940.2
63-3-11	NAILOR	D30RE	VAV	8"	600	620	290	293	300	319	901.6
63-3-12	NAILOR	D30RE	VAV	8"	600	626	225	230	300	303	988.1
63-3-13	NAILOR	D30RE	VAV	8"	400	399	320	313	320	327	1019.2
63-3-14	NAILOR	D30RE	VAV	8"	425	432	425	427	425	420	917.4
63-3-15	NAILOR	D30RE	VAV	6"	200	195	70	72	100	101	560.0
63-3-16	NAILOR	D30RE	VAV	6"	350	368	350	368	350	362	547.1
63-3-17	NAILOR	D30RE	VAV	8"	400	414	320	322	320	329	964.9
63-3-18	NAILOR	D30RE	VAV	10"	655	669	655	660	655	649	1437.6
63-3-19	NAILOR	D30RE	VAV	6"	200	206	190	199	190	194	522.9
63-3-20	NAILOR	D30RE	VAV	10"	805	816	805	822	805	801	1648.34
63-3-21	NAILOR	D30RE	VAV	8"	550	549	125	130	330	333	913.3
63-3-22	NAILOR	D30RE	VAV	8"	600	608	125	130	360	368	947.6
63-3-23	NAILOR	D30RE	VAV	10"	825	852	225	230	495	487	1630.2
63-3-24	NAILOR	D30RE	VAV	8"	600	611	125	130	360	372	943.3
63-3-25	NAILOR	D30RE	VAV	8"	365	377	125	130	220	228	929.3
63-3-26	NAILOR	D30RE	VAV	8"	400	424	320	333	320	311	927.4

63-3-27	NAILOR	D30RE	VAV	8"	485	500	485	492	485	499	919.8
63-3-28	NAILOR	D30RE	VAV	6"	295	314	75	78	150	159	504.3
63-3-29	NAILOR	D30RE	VAV	6"	250	256	75	78	125	130	487.1
63-4-01	NAILOR	D30RE	VAV	9"	740	736	550	549	550	561	1210.2
63-4-02	NAILOR	D30RE	VAV	6"	200	213	150	155	150	148	562.7
63-4-03	NAILOR	D30RE	VAV	6"	160	164	65	66	80	82	502.3
63-4-04	NAILOR	D30RE	VAV	16"	1860	1875	430	436	1210	1218	3189.6
63-4-05	NAILOR	D30RE	VAV	7"	415	425	160	169	210	213	702.3
63-4-06	NAILOR	D30RE	VAV	12"	915	936	915	920	915	909	2183.5
63-4-07	NAILOR	D30RE	VAV	7"	315	316	240	237	240	242	759.6
63-4-08	NAILOR	D30RE	VAV	7"	400	428	300	317	300	310	723.5
63-4-09	NAILOR	D30RE	VAV	7"	400	420	300	313	300	310	734.0
63-4-10	NAILOR	D30RE	VAV	6"	175	179	165	170	165	161	575.6
63-4-11	NAILOR	D30RE	VAV	14"	1715	1735	360	372	1115	1142	2738.6
63-4-12	NAILOR	D30RE	VAV	9"	640	650	235	242	420	427	1236.3
63-4-13	NAILOR	D30RE	VAV	6"	300	296	225	230	225	231	520.8
63-4-14	NAILOR	D30RE	VAV	9"	660	686	660	644	660	655	1314.6
63-4-15	NAILOR	D30RE	VAV	7"	440	446	170	177	265	288	702.8
63-4-16	NAILOR	D30RE	VAV	9"	620	640	165	172	310	312	1134.6
63-4-17	NAILOR	D30RE	VAV	6"	325	340	180	188	195	190	533.9
63-4-18	NAILOR	D30RE	VAV	6"	200	210	150	162	150	155	588.3
63-4-19	NAILOR	D30RE	CAV	9"	730	759	730	725	730	740	1353.9
63-4-20	NAILOR	D30RE	VAV	6"	200	208	200	210	200	206	552.3
63-4-21	NAILOR	D30RE	VAV	9"	805	797	805	792	805	815	1070.0
63-4-22	NAILOR	D30RE	VAV	9"	735	747	165	164	445	453	1071.0
63-4-23	NAILOR	D30RE	VAV	6"	100	98	100	105	100	92	432.4
63-5-01	NAILOR	D30RE	VAV	16"	1600	1668	0	0	1600	1621	3743.2
63-5-02	NAILOR	D30RE	VAV	16"	1860	1875	500	509	1210	1222	3448.9
63-6-01	NAILOR	D30RE	VAV	14"	1500	1533	1000	1020	1000	1032	3005
63-6-02	NAILOR	D30RE	VAV	12"	900	906	0	0	0	0	2052.77

Diffuser Ret/Exh (GRD)

AHU-63/6-6503

Asset									
Asset Name	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design	VEL(1)
R63-1-1	J1	24"X24"	1620		2020		1608	99.3	
R63-1-2	J1	24"X24"	1500		844		1405	93.7	
R63-1-3	J1	24"X24"	1500		1216		1458	97.2	
R63-1-4	J1	24"X12"	75		128		72	96.0	
R63-1-5	J1	24"X12"	200		244		205	102.5	
R63-1-6	J1	24"X12"	150		220		158	105.3	
R63-1-7	J1	24"X12"	300		316		316	105.3	
R63-1-8	J1	24"X12"	50		108		52	104.0	
R63-1-9	J1	24"X12"	75		82		82	109.3	
R63-1-10	J1	24"X12"	400		95		416	104.0	
R63-1-11	J2	24"X24"	1270		1499		1299	102.3	
R63-1-12	J1	24"X12"	75		95		70	93.3	
R63-1-13	J1	24"X12"	400		451		426	106.5	
R63-1-14	J1	24"X12"	75		110		76	101.3	
R63-1-15	J1	24"X12"	75		118		81	108.0	
R63-1-16	J1	24"X12"	200		156		210	105.0	
R63-1-17	J1	12"X24"	140		202		152	108.6	
R63-1-18	J1	24"X12"	120		160		126	105.0	
R63-1-19	J1	24"X12"	120		105		113	94.2	
R63-1-20	J1	12"X24"	90		128		94	104.4	
R63-1-21	J1	24"X12"	120		133		122	101.7	
R63-1-22	J1	24"X12"	120		125		105	87.5	
R63-1-23	J1	24"X12"	120		116		115	95.8	
R63-1-24	J1	24"X12"	120		146		123	102.5	
R63-1-25	J1	12"X24"	90		152		94	104.4	
R63-1-26	J1	24"X12"	120		155		126	105.0	
R63-1-27	J1	12"X24"	90		162		88	97.8	
R63-1-28	J1	24"X12"	120		144		121	100.8	
R63-1-29	J1	12"X24"	90		123		96	106.7	
R63-1-30	J1	24"X12"	425		366		417	98.1	
R63-2-1	J1	24"X12"	75		145		72	96.0	
R63-2-2	J1	24"X24"	1620		1882		1588	98.0	
R63-2-3	J1	24"X24"	1100		1355		1109	100.8	
R63-2-4	J1	24"X24"	1550		1288		1522	98.2	
R63-2-5	J1	24"X24"	1550		1655		1567	101.1	
R63-2-6	J1	24"X12"	650		811		629	96.8	
R63-2-7	J1	24"X12"	135		165		130	96.3	
R63-2-8	J1	24"X12"	100		129		103	103.0	
R63-2-9	J1	24"X12"	100		159		109	109.0	
R63-2-10	J1	24"X12"	175		166		184	105.1	
R63-2-11	J1	24"X12"	100		139		106	106.0	
R63-2-12	J1	24"X12"	370		454		377	101.9	
R63-2-13	J1	24"X12"	100		142		104	104.0	
R63-2-14	H1	8"X12"	100		129		92	92.0	
R63-2-15	J1	24"X24"	1070		1166		1099	102.7	
R63-2-16	J1	24"X12"	100		126		105	105.0	
R63-2-17	J1	24"X12"	100		133		102	102.0	
R63-2-18	J1	24"X12"	100		140		109	109.0	
R63-2-19	J2	24"X12"	225		22		220	97.8	
R63-2-20	J1	24"X12"	200		166		213	106.5	
R63-2-21	J1	24"X12"	100		140		96	96.0	
R63-2-22	J1	24"X24"	1550		1216		1563	100.8	
R63-2-23	J1	24"X12"	105		88		112	106.7	
R63-2-24	J2	24"X24"	1550		1304		1536	99.1	
R63-2-25	J1	24"X12"	150		106		145	96.7	
R63-2-26	J1	24"X24"	1550		1005		1522	98.2	
R63-2-27	J1	24"X12"	110		150		104	94.5	
R63-2-28	J1	24"X12"	100		108		109	109.0	
R63-3-1	J1	24"X12"	120		219		111	92.5	
R63-3-2	J1	24"X24"	825		1014		806	97.7	
R63-3-3	J1	24"X12"	350		387		368	105.1	
R63-3-4	J1	24"X12"	140		291		148	105.7	
R63-3-5	J1	24"X12"	75		172		79	105.3	
R63-3-6	J1	24"X12"	200		347		186	93.0	
R63-3-7	J1	24"X12"	365		409		355	97.3	

R63-3-8	J1	24"X12"	100		321		106	106.0	
R63-3-9	J1	24"X12"	300		316		312	104.0	
R63-3-10	J1	24"X12"	300		498		285	95.0	
R63-3-11	J1	24"X12"	100		241		101	101.0	
R63-3-12	J1	24"X12"	100		230		97	97.0	
R63-3-13	J1	24"X12"	100		46		104	104.0	
R63-3-14	J1	24"X12"	170		321		167	98.2	
R63-3-15	J1	24"X12"	170		303		174	102.4	
R63-3-16	J1	24"X12"	100		178		95	95.0	
R63-3-17	J1	24"X12"	100		197		99	99.0	
R63-3-18	J1	24"X12"	100		104		108	108.0	
R63-3-19	J1	24"X12"	100		169		104	104.0	
R63-3-20	J1	24"X12"	300		220		277	92.3	
R63-3-21	J1	24"x24"	600		201		620	103.3	
R63-3-22	J1	24"X12"	100		304		107	107.0	
R63-3-23	J1	24"X12"	100		290		92	92.0	
R63-3-24	J1	24"X12"	100		216		102	102.0	
R63-3-25	J1	24"X12"	125		200		119	95.2	
R63-3-26	J1	24"X12"	170		205		172	101.2	
R63-3-27	J1	24"X12"	100		19		105	105.0	
R63-3-28	J1	24"X12"	170		205		167	98.2	
R63-3-29	J1	24"X12"	300		260		280	93.3	
R63-3-30	J1	24"X12"	550		629		522	94.9	
R63-3-31	J1	24"X12"	200		240		198	99.0	
R63-3-32	J1	24"x24"	800		705		834	104.3	
R63-3-33	J1	24"X12"	125		150		120	96.0	
R63-3-34	J1	24"X12"	125		162		126	100.8	
R63-3-35	J1	24"X12"	125		174		117	93.6	
R63-3-36	J1	24"X12"	225		255		219	97.3	
R63-3-37	J1	24"X12"	400		462		398	99.5	
R63-3-38	J1	24"X12"	300		321		310	103.3	
R63-3-39	J1	24"x24"	900		1055		926	102.9	
R63-3-40	J2	24"x24"	600		745		587	97.8	
R63-3-41	J2	24"x24"	600		636		597	99.5	
R63-3-42	J1	24"x24"	600		744		583	97.2	
R63-3-43	J1	24"X12"	100		133		105	105.0	
R63-3-44	J1	24"X12"	100		125		109	109.0	
R63-3-45	J1	24"X12"	100		146		95	95.0	
R63-3-46	J1	24"X12"	135		178		129	95.6	
R63-3-47	J1	24"X12"	225		274		234	104.0	
R63-3-48	J2	24"x24"	1100		1326		1065	96.8	
R63-3-49	J2	24"x24"	1100		1244		1009	91.7	
R63-3-50	J1	24"X12"	100		134		105	105.0	
R63-4-1	J1	24"X12"	120		381		107	89.2	
R63-4-2	J1	24"X24"	735		1495		713	97.0	
R63-4-3	J1	24"X12"	115		245		104	90.4	
R63-4-4	J1	24"X12"	75		246		69	92.0	
R63-4-5	J1	24"X12"	100		307		92	92.0	
R63-4-6	J1	24"X12"	100		259		105	105.0	
R63-4-7	J1	24"X12"	325		421		314	96.6	
R63-4-8	J1	24"X12"	220		404		205	93.2	
R63-4-9	J1	24"X24"	620		456		605	97.6	
R63-4-10	J1	24"X12"	220		298		218	99.1	
R63-4-11	J1	24"X12"	220		163		230	104.5	
R63-4-12	J1	24"X24"	830		436		824	99.3	
R63-4-13	J1	24"X12"	100		97		105	105.0	
R63-4-14	J1	24"X12"	220		101		204	92.7	
R63-4-15	J1	24"X12"	100		67		109	109.0	
R63-4-16	J1	24"X12"	100		91		99	99.0	
R63-4-17	J1	24"X12"	100		32		101	101.0	
R63-4-18	J1	24"X12"	350		578		329	94.0	
R63-4-19	J1	24"X12"	115		301		109	94.8	
R63-4-20	J1	24"X12"	175		620		168	96.0	
R63-4-21	J1	24"X12"	100		380		107	107.0	
R63-4-22	J1	24"X12"	100		322		95	95.0	
R63-4-23	J1	24"X12"	100		130		105	105.0	
R63-4-24	J1	24"X12"	100		106		95	95.0	
R63-4-25	J1	24"X12"	100		129		108	108.0	
R63-4-26	J1	24"X12"	100		50		105	105.0	

R63-4-27	J1	24"X24"	830		913		837	100.8	
R63-4-28	J1	24"X12"	100		110		94	94.0	
R63-4-29	J1	24"X12"	100		140		98	98.0	
R63-4-30	J1	24"X12"	100		133		105	105.0	
R63-4-31	J1	24"X12"	115		128		116	100.9	
R63-4-32	J1	24"X12"	100		101		91	91.0	
R63-4-33	J2	24"X12"	195		236		208	106.7	
R63-4-34	J2	24"X24"	1165		958		1212	104.0	
R63-4-35	J2	24"X24"	1165		806		1188	102.0	
R63-4-36	J2	24"X24"	1165		1717		1105	94.8	
R63-6-1	H1	30"X12"	900		1055		922	102.4	
R63-6-2	H1	30"X24"	1500						

Diffuser Supply (GRD)

63-1-01/6-1512

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-01-1	6-1006-1	A1	6"	155	198	153	98.7
63-1-01-2	6-1006-1	A1	6"	155	224	151	97.4
63-1-01-3	6-1006-1	A1	6"	155	203	166	107.1
63-1-01-4	6-1200	A1	6"	155	219	160	103.2
63-1-01-5	6-1200	A1	6"	160	198	169	105.6

63-1-02/2ND FLR CONNECTOR

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-02-1	1ST FLR CONNECTOR	S1	8"	165	225	172	104.2
63-1-02-2	1ST FLR CONNECTOR	S1	8"	165	198	158	95.8
63-1-02-3	1ST FLR CONNECTOR	S1	8"	165	216	162	98.2
63-1-02-4	1ST FLR CONNECTOR	S1	8"	165	205	168	101.8
63-1-02-5	1ST FLR CONNECTOR	S1	8"	165	224	172	104.2
63-1-02-6	1ST FLR CONNECTOR	S1	8"	165	203	177	107.3
63-1-02-7	1ST FLR CONNECTOR	S1	8"	165	198	175	106.1
63-1-02-8	1ST FLR CONNECTOR	S1	8"	165	222	160	97.0
63-1-02-9	1ST FLR CONNECTOR	S1	8"	165	182	152	92.1
63-1-02-10	1ST FLR CONNECTOR	S1	8"	165	200	165	100.0
63-1-02-11	1ST FLR CONNECTOR	S1	8"	160	189	166	103.8
63-1-02-12	1ST FLR CONNECTOR	S1	8"	160	188	155	96.9
63-1-02-13	1ST FLR CONNECTOR	A1	8"	225	224	216	96.0
63-1-02-14	1ST FLR CONNECTOR	A1	8"	225	188	240	106.7

63-1-03/6-1510

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-03-1	6-1002	A1	8"	190	253	197	103.7
63-1-03-2	6-1002	A1	8"	180	220	175	97.2
63-1-03-3	6-1002	A1	8"	180	198	173	96.1
63-1-03-4	6-1002	A1	8"	180	184	185	102.8
63-1-03-5	6-1002	A1	8"	180	166	182	101.1
63-1-03-6	6-1002	S1	10"	200	199	175	87.5
63-1-03-7	6-1002	S1	10"	200	202	198	99.0
63-1-03-8	6-1002	S1	10"	200	153	206	103.0
63-1-03-9	6-1002	S1	10"	200	201	212	106.0
63-1-03-10	6-1002	S1	10"	200	239	198	99.0

63-1-04/6-1004

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-04-1	6-1510	A1	6"	75	163	76	101.3
63-1-04-2	6-1501	A1	6"	75	177	70	93.3
63-1-04-3	6-1507-1	A1	6"	100	177	101	101.0
63-1-04-4	6-1500	A1	8"	200	44	197	98.5
63-1-04-5	6-1500	S1	10"	200	281	206	103.0
63-1-04-6	6-1513	A1	6"	100	163	109	109.0

63-1-05/6-1101

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-05-1	6-1004	A1	6"	135	164	134	99.3
63-1-05-2	6-1004	A1	6"	135	174	130	96.3
63-1-05-3	6-1004	A1	6"	135	164	139	103.0
63-1-05-4	6-1004	A1	6"	135	160	145	107.4
63-1-05-5	6-1004	A2	6"	130	161	127	97.7
63-1-05-6	6-1003	A1	6"	50	102	51	102.0
63-1-05-7	6-1002	A1	6"	75	148	76	101.3

63-1-06/6-1102

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-06-1	6-1101	A1	6"	125	176	137	109.6
63-1-06-2	6-1101	A1	6"	125	143	122	97.6
63-1-06-3	6-1101	A1	6"	125	171	122	97.6
63-1-06-4	6-1102A	A2	6"	75	143	70	93.3

63-1-07/6-1102

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-07-1	6-1103	A1	6"	50	83	48	96.0
63-1-07-2	6-1102	A1	6"	90	90	96	106.7

63-1-08/6-1104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-08-1	6-1104	A1	10"	300	361	303	101.0

63-1-09/6-1512

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-09-1	6-1511	A1	6"	125	124	114	91.2
63-1-09-2	6-1512	A1	6"	120	138	129	107.5

63-1-10/6-1115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-10-1	6-1116	A1	6"	100	206	101	101.0
63-1-10-2	6-1116	A1	6"	80	127	76	95.0
63-1-10-3	6-1114	A1	6"	150	130	148	98.7
63-1-10-4	6-1116	A1	6"	100	148	92	92.0

63-1-11/6-1115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-11-1	6-1115	A1	8"	200	232	197	98.5

63-1-12/6-1110

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-12-1	6-1111	A1	6"	120	238	115	95.8
63-1-12-2	6-1113	A1	6"	120	22	128	106.7

63-1-13/6-1100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-13-1	6-1110	A1	6"	120	145	129	107.5
63-1-13-2	6-1112	A1	6"	120	123	116	96.7

63-1-14/6-1100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-14-1	6-1100	A1	6"	150	242	152	101.3
63-1-14-2	HALL	A1	6"	115	90	109	94.8
63-1-14-3	6-1100	A1	6"	150	226	149	99.3
63-1-14-4	6-1116	A1	6"	115	224	116	100.9

63-1-15/6-1109

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-15-1	6-1108	A1	6"	120	150	119	99.2
63-1-15-2	6-1109	A1	6"	120	140	130	108.3

63-1-16/6-1118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-16-1	6-1106	A1	6"	120	43	125	104.2
63-1-16-2	6-1107	A1	6"	120	285	127	105.8

63-1-17/6-1118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-17-1	6-1118	A1	6"	90	117	96	106.7
63-1-17-2	6-1119	A1	6"	90	108	95	105.6

63-1-18/6-1121

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-18-1	6-1120	A1	6"	90	91	93	103.3
63-1-18-2	6-1121	A1	6"	90	107	87	96.7

63-2-01/6-2008

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-01-1	6-2008	A1	6"	110	201	115	104.5
63-2-01-2	6-2200	A1	8"	225	44	226	100.4
63-2-01-3	6-2008	A1	6"	115	166	112	97.4
63-2-01-4	6-2009	A1	6"	200	204	211	105.5
63-2-01-5	6-2011	A2	6"	50	86	54	108.0
63-2-01-6	6-2008	A1	6"	115	40	121	105.2
63-2-01-7	6-2010	A2	6"	50	184	54	108.0
63-2-01-8	6-2008	A1	6"	115	195	109	94.8

63-2-02/6-2211

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-02-1	6-2203	A1	6"	100	152	108	108.0
63-2-02-2	6-2204	A1	6"	100	136	98	98.0
63-2-02-3	6-2210	A1	6"	100	145	101	101.0
63-2-02-4	6-2211	A1	6"	100	162	94	94.0

63-2-04/6-2001

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-04-1	6-2001	A1	10"	325	422	312	96.0
63-2-04-2	6-2001	A1	10"	325	456	348	107.1

63-2-05/6-2007

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-05-1	6-2007	S3	12"	320	356	313	97.8
63-2-05-2	6-2007	S3	12"	320	299	310	96.9
63-2-05-3	6-2007	S3	12"	320	316	332	103.8
63-2-05-4	6-2007	S3	12"	320	338	335	104.7

63-2-06/6-2100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-06-1	6-2005	A1	6"	150	170	154	102.7
63-2-06-2	6-2006	A1	8"	185	164	188	101.6
63-2-06-3	6-2006	A1	8"	185	183	191	103.2
63-2-06-4	6-2006	A1	8"	185	187	187	101.1
63-2-06-5	6-2006			185	179	176	95.1
63-2-06-6	6-2007	A1	8"	185	204	169	91.4
63-2-06-7	6-2007	A1	8"	185	162	180	97.3
63-2-06-8	6-2107	A1	6"	105	90	106	101.0

63-2-07/6-2100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-07-1	6-2002-1	A1	8"	220	60	224	101.8
63-2-07-2	6-2002-1	A1	8"	220	480	240	109.1
63-2-07-3	6-2002-1	A1	8"	220	480	214	97.3
63-2-07-4	HALL	A1	8"	220	34	205	93.2
63-2-07-5	6-2111	A1	6"	75	32	77	102.7
63-2-07-6	6-2112	A1	6"	150	50	137	91.3
63-2-07-7	6-2102	A1	6"	110	248	111	100.9
63-2-07-8	6-2100	A1	8"	170	469	186	109.4
63-2-07-9	6-2100	A1	8"	170	53	163	95.9

63-2-08/6-2206

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-08-1	6-2206	A1	6"	100	123	102	102.0
63-2-08-2	6-2207	A1	6"	100	128	104	104.0

63-2-09/6-2208

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-09-1	6-2208	A1	8"	175	211	174	99.4

63-2-10/6-2106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-10-1	6-2105	A1	8"	175	263	182	104.0
63-2-10-2	6-2105	A1	8"	175	245	164	93.7
63-2-10-3	6-2105	A1	8"	175	241	165	94.3
63-2-10-4	6-2105	A1	8"	185	279	180	97.3
63-2-10-5	6-2105	A1	8"	175	199	176	100.6

63-2-11/6-2005

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-11-1	6-2106	A1	8"	220	18	207	94.1
63-2-11-2	6-2106	S1	10"	220	233	226	102.7
63-2-11-3	6-2106	A1	8"	220	282	230	104.5
63-2-11-4	6-2501	A1	8"	220	265	235	106.8
63-2-11-5	6-2502	A1	6"	75	34	71	94.7
63-2-11-6	6-2501	S1	10"	220	363	207	94.1

63-2-12/6-2005

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-12-1	6-2005	S1	12"	245	274	264	107.8
63-2-12-2	6-2005	S1	12"	245	289	251	102.4
63-2-12-3	6-2005	S1	12"	245	224	233	95.1
63-2-12-4	6-2005	S1	12"	245	276	251	102.4
63-2-12-5	6-2005	S1	12"	245	237	239	97.6
63-2-12-6	6-2005	S1	12"	245	281	249	101.6
63-2-12-7	6-2005	S1	12"	245	246	247	100.8

63-2-13/6-1002

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-13-1	6-2004	A1	8"	300	305	305	101.7
63-2-13-2	6-2003	S3	12"	450	439	439	97.6
63-2-13-3	6-2003	S3	12"	450	450	450	100.0

63-2-14/6-2105 OFFICE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-14-1	6-2002-1	A1	6"	145		152	104.8
63-2-14-2	6-2002-1	A1	6"	150		158	105.3
63-2-14-3	6-2002-1	A1	6"	150		162	108.0
63-2-14-4	6-2002-1	S2	12"	255		244	95.7
63-2-14-5	6-2002-1	S2	12"	255		265	103.9
63-2-14-6	6-2002-1	S2	12"	255		262	102.7
63-2-14-7	6-2002-1	S2	12"	255		250	98.0
63-2-14-8	6-2002-1	S2	12"	255		244	95.7
63-2-14-9	STAIRWELL	S2	12"	275		292	106.2
63-2-14-10	STAIRWELL	S2	12"	275		269	97.8
63-2-14-11	STAIRWELL	S2	12"	275		284	103.3
63-2-14-12	STAIRWELL	S2	12"	275		288	104.7
63-2-14-13	STAIRWELL	S2	12"	275		274	99.6
63-2-14-14	STAIRWELL	S2	12"	275		280	101.8
63-2-14-15	STAIRWELL	S2	12"	275		286	104.0

63-2-15/6-2105 OFFICE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-15-1	6-2105 OFFICE	A1	6"	100	156	99	99.0

63-2-16/6-2103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-16-1	2ND FLR CONNECTOR	S2	8"	165	107	167	101.2
63-2-16-2	2ND FLR CONNECTOR	S2	8"	165	146	174	105.5
63-2-16-3	2ND FLR CONNECTOR	S2	8"	165	121	160	97.0
63-2-16-4	2ND FLR CONNECTOR	S2	8"	165	117	162	98.2
63-2-16-5	2ND FLR CONNECTOR	S2	8"	165	141	172	104.2
63-2-16-6	2ND FLR CONNECTOR	S2	8"	165	120	171	103.6
63-2-16-7	2ND FLR CONNECTOR	S2	8"	165	88	163	98.8
63-2-16-8	2ND FLR CONNECTOR	S2	8"	165	109	166	100.6
63-2-16-9	2ND FLR CONNECTOR	S2	8"	165	127	175	106.1
63-2-16-10	2ND FLR CONNECTOR	S2	8"	165	127	169	102.4
63-2-16-11	2ND FLR CONNECTOR	S2	8"	160	107	158	98.8
63-2-16-12	2ND FLR CONNECTOR	S2	8"	160	115	164	102.5
63-2-16-13	2ND FLR CONNECTOR	A1	8"	225	119	204	90.7
63-2-16-14	2ND FLR CONNECTOR	A1	8"	225	138	235	104.4

63-2-17/6-2103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-17-1	6-2103	A1	6"	150	163	150	100.0

63-2-18/6-2205

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-18-1	6-2205	P1	10"	300	388	306	102.0

63-2-19/6-2215

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-19-1	6-2213	A1	8"	185	225	187	101.1
63-2-19-2	6-2213	A1	8"	185	220	180	97.3

63-2-20/6-2215

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-20-1	6-2215	A1	6"	100	117	103	103.0
63-2-20-2	6-2215	A1	6"	100	120	93	93.0

63-3-01/6-3103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-01-1	6-3002	A1	8"	165	222	169	102.4
63-3-01-2	6-3201	A1	6"	115	0	122	106.1
63-3-01-3	6-3201	A1	6"	110	0	108	98.2
63-3-01-4	6-3200	A1	8"	165	267	175	106.1
63-3-01-5	6-3003	A2	6"	50	114	52	104.0
63-3-01-6	6-3200	A1	8"	165	283	180	109.1

63-3-02/6-3222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-02-1	6-3103	A1	8"	200	256	207	103.5
63-3-02-2	6-3103	A1	8"	200	272	211	105.5
63-3-02-3	6-3103	A1	8"	200	247	205	102.5
63-3-02-4	6-3103	A1	8"	200	283	209	104.5

63-3-03/6-3222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-03-1	6-3223	A1	10"	300	335	302	100.7
63-3-03-2	6-3223	A1	10"	300	362	308	102.7
63-3-03-3	6-3223	A1	10"	300	348	311	103.7

63-3-04/6-3206 HALL

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-04-1	6-3204	A1	6"	100	118	108	108.0
63-3-04-2	6-3214	A1	6"	100	112	105	105.0
63-3-04-3	6-3216	A1	6"	100	116	102	102.0

63-3-05/6-3206 HALL

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-05-1	6-3207	A1	6"	135	135	140	103.7
63-3-05-2	6-3206	A1	6"	135	152	138	102.2
63-3-05-3	6-3206 HALL	A1	6"	130	220	125	96.2

63-3-06/6-3220

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-06-1	6-3320	A1	10"	300	318	302	100.7
63-3-06-2	6-3320	A1	10"	300	380	325	108.3

63-3-07/6-3224

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-07-1	6-3137	A1	6"	140	185	145	103.6
63-3-07-2	6-3229	A1	6"	120	169	126	105.0
63-3-07-3	6-3224	A2	6"	100	140	104	104.0

63-3-08/6-3225

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-08-1	6-3211	A1	8"	225	187	220	97.8
63-3-08-2	6-3225	A1	6"	125	164	126	100.8

63-3-09/6-3000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-09-1	6-3000-1	S1	10"	185	208	186	100.5
63-3-09-2	6-3000-1	S1	10"	185	209	198	107.0
63-3-09-3	6-3000-1	S1	10"	185	236	194	104.9
63-3-09-4	6-3000-1	S1	10"	185	183	173	93.5
63-3-09-5	6-3000-1	S1	10"	185	160	177	95.7
63-3-09-6	6-3000-1	S1	10"	185	233	179	96.8
63-3-09-7	6-3000-1	S1	10"	185	204	182	98.4
63-3-09-8	6-3000-1	S1	10"	185	258	199	107.6
63-3-09-9	6-3000-1	S1	10"	185	234	198	107.0
63-3-09-10	6-3000-1	S1	10"	185	250	173	93.5

63-3-10/6-3000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-10-1	6-3000-1	A1	8"	160	227	165	103.1
63-3-10-2	6-3001	A2	6"	50	94	52	104.0
63-3-10-3	6-3000-1	A1	8"	160	164	170	106.3
63-3-10-4	6-3000-1	A1	8"	160	195	161	100.6

63-3-11/6-3205

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-11-1	6-3205	A1	10"	300	196	311	103.7
63-3-11-2	6-3205	A1	10"	300	250	309	103.0

63-3-12/6-3126

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-12-1	6-3206 OFFICE	A1	10"	300	323	308	102.7
63-3-12-2	6-3206 OFFICE	A1	10"	300	346	318	106.0

63-3-13/6-3203

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-13-1	6-3129	A1	6"	100	138	98	98.0
63-3-13-2	6-3131	A1	6"	100	145	95	95.0
63-3-13-3	6-3125	A1	6"	100	162	105	105.0
63-3-13-4	6-3126	A1	6"	100	140	101	101.0

63-3-14/6-3203

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-14-1	6-3133	A1	6"	120	141	123	102.5
63-3-14-2	6-3203	A1	6"	135	159	139	103.0
63-3-14-3	6-3202	A2	6"	45	71	49	108.9
63-3-14-4	6-3228	A1	6"	125	110	121	96.8

63-3-15/6-3104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-15-1	6-3104	A1	8"	200	244	195	97.5

63-3-16/6-3121

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-16-1	6-3121	A1	8"	170	223	178	104.7
63-3-16-2	6-3136	A1	6"	90	118	92	102.2
63-3-16-3	6-3135-1	A1	6"	90	120	98	108.9

63-3-17/6-3112

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-17-1	6-3113	A1	6"	100	143	106	106.0
63-3-17-2	6-3117	A1	6"	100	144	104	104.0
63-3-17-3	6-3112	A1	6"	100	156	101	101.0
63-3-17-4	6-3116	A1	6"	100	150	103	103.0

63-3-18/6-3114

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-18-1	6-3118	A1	6"	75	115	72	96.0
63-3-18-2	6-3137	A1	6"	125	250	130	104.0
63-3-18-3	6-3122	A1	6"	50	75	52	104.0
63-3-18-4	6-3127	A1	6"	50	66	54	108.0
63-3-18-5	6-3114	A1	6"	140	105	148	105.7
63-3-18-6	6-3135-A	A1	6"	110	112	108	98.2
63-3-18-7	6-3135-2	A1	6"	105	77	105	100.0

63-3-19/6-3123

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-19-1	6-3123	A1	8"	200	229	206	103.0

63-3-20/6-3505

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-20-1	6-3502	A2	6"	50	134	52	104.0
63-3-20-2	6-3503	A2	6"	50	102	54	108.0
63-3-20-3	6-3135-1	A1	8"	185	227	187	101.1
63-3-20-4	6-3505	A1	6"	120	118	126	105.0
63-3-20-5	6-3501	S1	10"	220	266	213	96.8
63-3-20-6	6-3501	A1	8"	180	293	184	102.2

63-3-21/6-3106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-21-1	6-3105	A1	8"	275	315	269	97.8
63-3-21-2	6-3105	A1	8"	275	303	280	101.8

63-3-22/6-3106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-22-1	6-3106	A1	10"	300	330	309	103.0
63-3-22-2	6-3107	A1	10"	300	316	299	99.7

63-3-23/6-3504

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-23-1	6-3504	A1	8"	165	225	170	103.0
63-3-23-2	6-3504	A1	8"	165	242	168	101.8
63-3-23-3	6-3504	S1	10"	165	265	172	104.2
63-3-23-4	6-3504	S1	10"	165	218	165	100.0
63-3-23-5	6-3504	S1	10"	165	240	177	107.3

63-3-25/6-3110

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-251	6-3110	A1	12"	365	516	377	103.3

63-3-26/6-3115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-26-1	6-3102	A1	6"	100	139	109	109.0
63-3-26-2	6-3119	A1	6"	100	134	106	106.0
63-3-26-3	6-3115	A1	6"	100	140	107	107.0
63-3-26-4	6-3111	A1	6"	100	146	102	102.0

63-3-28/6-3120

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-28-1	6-3124	A1	6"	125	116	126	100.8
63-3-28-2	6-3120	A1	8"	170	147	188	110.6

63-3-29/6-3209

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-29-1	6-3209	A1	6"	125	145	130	104.0
63-3-29-2	6-3210	A1	6"	125	137	126	100.8

63-3-24/6-3109

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-34-1	6-3108	A1	10"	300	326	308	102.7
63-3-34-2	6-3109	A1	10"	300	327	303	101.0

63-3-27/6-3101

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-37-1	6-3128	A1	8"	170	258	172	101.2
63-3-37-2	6-3101	A1	8"	170	260	178	104.7
63-3-37-3	HALL	A1	6"	145	105	150	103.4

63-4-01/6-4210

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-01-1	6-4001	A1	6"	120	72	122	101.7
63-4-01-2	6-4210	A1	8"	195	215	191	97.9
63-4-01-3	6-4001	A1	6"	120	125	129	107.5
63-4-01-4	6-4001	A1	6"	120	128	121	100.8
63-4-01-5	6-4003	A2	6"	50	113	48	96.0
63-4-01-6	6-4001	A1	6"	135	121	125	92.6

63-4-02/6-4222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-02-1	6-4220	A1	6"	100	117	104	104.0
63-4-02-2	6-4222	A1	6"	100	125	109	109.0

63-4-03/6-4212

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-03-1	6-4212	A1	8"	160	195	164	102.5

63-4-04/6-4000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-04-1	6-4000-2	S1	8	185	156	168	90.8
63-4-04-2	6-4000-2	S1	8	185	153	201	108.6
63-4-04-3	6-4000-2	S1	8	185	169	182	98.4
63-4-04-4	6-4000-2	S1	8	185	208	169	91.4
63-4-04-5	6-4000-2	S1	8	185	187	194	104.9
63-4-04-6	6-4000-2	S1	8	185	231	196	105.9
63-4-04-7	6-4000-2	S1	8	185	234	201	108.6
63-4-04-8	6-4000-2	S1	8	185	186	191	103.2
63-4-04-9	6-4000-2	S1	8	185	235	189	102.2
63-4-04-10	6-4000-2	S1	8	185	192	184	99.5

63-4-05/6-4213

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-05-1	6-4000-2	A1	8"	210	217	216	102.9
63-4-05-2	6-4000-2	A1	8"	205	230	209	102.0

63-4-06/6-4213

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-06-1	6-4200-2	A1	8"	150	165	152	101.3
63-4-06-2	6-4213	A1	8"	205	268	210	102.4
63-4-06-3	6-4213	A1	8"	205	265	217	105.9
63-4-06-4	6-4213	A1	8"	210	312	211	100.5
63-4-06-5	6-4231	A1	6"	145	0	146	100.7

63-4-07/6-4119

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-07-1	6-4119	A1	6"	100	137	101	101.0
63-4-07-2	6-4203	A1	6"	100	114	104	104.0
63-4-07-3	6-4204	A1	6"	115	114	111	96.5

63-4-08/6-4206

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-08-1	6-4120	A1	6"	100	112	109	109.0
63-4-08-2	6-4121	A1	6"	100	118	105	105.0
63-4-08-3	6-4205	A1	6"	100	124	106	106.0
63-4-08-4	6-4206	A1	6"	100	108	108	108.0

63-4-09/6-4209

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-09-1	6-4122	A1	6"	100	124	105	105.0
63-4-09-2	6-4207	A1	6"	100	125	106	106.0
63-4-09-3	6-4208	A1	6"	100	116	99	99.0
63-4-09-4	6-4209	A1	6"	100	108	110	110.0

63-4-10/6-4123

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-10-1	6-4123	A1	8"	175	211	179	102.3

63-4-11/6-4000-3

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-11-1	6-4000-3	S1	12"	245	256	253	103.3
63-4-11-2	6-4000-3	S1	12"	245	271	247	100.8
63-4-11-3	6-4000-3	S1	12"	245	249	256	104.5
63-4-11-4	6-4000-3	S1	12"	245	305	262	106.9
63-4-11-5	6-4000-3	S1	12"	245	281	237	96.7
63-4-11-6	6-4000-3	S1	12"	245	235	249	101.6
63-4-11-7	6-4000-3	S1	12"	245	224	231	94.3

63-4-12/6-4104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-12-1	6-4102	A1	8"	220	242	217	98.6
63-4-12-2	6-4100-2	A1	8"	200	206	204	102.0
63-4-12-3	6-4104	A1	8"	220	256	229	104.1

63-4-13/6-4103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-13-1	6-4110	A1	6"	100	109	98	98.0
63-4-13-2	6-4109	A1	6"	100	121	95	95.0
63-4-13-3	6-4103	A1	6"	100	153	103	103.0

63-4-14/6-4111

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-14-1	6-4100-2	A1	8"	130	165	132	101.5
63-4-14-2	6-4111	A1	8"	200	225	205	102.5
63-4-14-3	6-4111	A1	8"	200	240	211	105.5
63-4-14-4	6-4101-1	A1	8"	130	150	138	106.2

63-4-15/6-4106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-15-1	6-4105	A1	8"	220	270	217	98.6
63-4-15-2	6-4106	A1	8"	220	256	229	104.1

63-4-16/6-4107

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-16-1	6-4112	A1	8"	210	258	215	102.4
63-4-16-2	6-4112	A1	8"	205	262	209	102.0
63-4-16-3	6-4112	A1	8"	205	220	216	105.4

63-4-17/6-4107

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-17-1	6-4107	A1	8"	165	325	172	104.2
63-4-17-2	6-4107	A1	8"	160	44	168	105.0

63-4-18/6-4116

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-18-1	6-4113	A1	6"	100	131	106	106.0
63-4-18-2	6-4114	A1	6"	100	129	104	104.0

63-4-19/6-4116

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-19-1	6-4126	A1	6"	50	109	52	104.0
63-4-19-2	6-4101-2	A1	6"	150	146	158	105.3
63-4-19-3	6-4117	A1	6"	75	115	74	98.7
63-4-19-4	6-4100-1	A1	8"	200	184	209	104.5
63-4-19-5	6-4116	A1	6"	115	157	120	104.3
63-4-19-6	6-4100-3	A1	6"	90	99	92	102.2
63-4-19-7	6-4108	A2	6"	50	108	54	108.0

63-4-20/6-4125

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-20-1	6-4125	A1	8"	200	262	208	104.0

63-4-21/6-4505

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-21-1	6-4502	A2	6"	50	124	50	100.0
63-4-21-2	6-4503	A2	6"	50	130	46	92.0
63-4-21-3	HALL	A1	8"	185	315	175	94.6
63-4-21-4	6-4505	A1	6"	120	151	122	101.7
63-4-21-5	ELEV LOBBY	S1	10"	220	46	223	101.4
63-4-21-6	HALL	A1	8"	180	48	181	100.6

63-4-22/6-4118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-22-1	6-4504	S1	10"	185	194	175	94.6
63-4-22-2	6-4504	A1	8"	180	129	186	103.3
63-4-22-3	6-4504	A1	8"	185	179	192	103.8
63-4-22-4	6-4504	S1	10"	185	178	194	104.9

63-4-23/6-4118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-23-1	6-4118	A1	6"	100	98	98	98.0

63-5-01/5TH FLR WEST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-5-01-1	5TH FLR NORTH	F1	24"X10"	400	492	421	105.3
63-5-01-2	5TH FLR NORTH	F1	24"X10"	400	487	409	102.3
63-5-01-3	5TH FLR NORTH	F1	24"X10"	400	521	414	103.5
63-5-01-4	5TH FLR NORTH	F1	24"X10"	400	501	424	106.0

63-5-02/5TH FLR WEST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-5-02-1	6-5000-1	S1	10"	185	178	180	97.3
63-5-02-2	6-5000-1	S1	10"	185	220	201	108.6
63-5-02-3	6-5000-1	S1	10"	185	235	199	107.6
63-5-02-4	6-5000-1	S1	10"	185	186	192	103.8
63-5-02-5	6-5000-1	S1	10"	185	226	189	102.2
63-5-02-6	6-5000-1	S1	10"	185	218	180	97.3
63-5-02-7	6-5000-1	S1	10"	185	231	200	108.1
63-5-02-8	6-5000-1	S1	10"	185	227	172	93.0
63-5-02-9	6-5000-1	S1	10"	185	161	183	98.9
63-5-02-10	6-5000-1	S1	10"	185	238	179	96.8

63-6-01/6TH FLR SOUTHEAST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-6-01-1	MECH RM	F1	16"X10"	500	549	498	99.6
63-6-01-2	MECH RM	F1	16"X10"	500	601	521	104.2
63-6-01-3	MECH RM	F1	16"X10"	500	571	514	102.8

63-1-19/6-1319

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-1122	A1	6"	90	134	88	97.8
SGRD2	6-1123	A1	6"	50	11	50	100.0

63-2-03/6-2212

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-2201-2	A1	6"	65	102	64	98.5
SGRD2	6-2201-2	A1	6"	65	74	59	90.8
SGRD3	6-2212	A1	8"	205	223	211	102.9
SGRD4	6-2212	A1	8"	205	241	199	97.1
SGRD5	6-2212	A1	8"	200	227	208	104.0
SGRD6	6-2202-2	A1	6"	65	103	64	98.5
SGRD7	6-2300-1	A1	6"	65	108	63	96.9

63-6-02/6-6503

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-6503	F1	24"X12"	900	911	906	100.7

Completed By: Tyler Youells on 11/14/2022



Comfort. Under control.

National TAB

Project: Dayton Children's Hospital (Dayton, OH)

System/Unit: AHU-DUAL FAN

Asset: AHU-63

AREA:6-6503

UNIT DATA - SUPPLY		
	Design	Actual
Manufacturer	TRANE	TRANE
Model Number	NA	TCPA0AD29C4M3322S0209
Serial Number	-	M21J00093
No. Pre-Filters / Size (1)	-	45, 24"X24"X2"
No. Final Filters / Size (1)	-	45, 24"X24"X2"

MOTOR DATA - SUPPLY		
	Design	Actual
Motor MFG / Frame	-	BALDOR / 256
Horsepower / RPM	-	30 / 1800
Rated Volts / Phase	-	460 / 3
Rated Amperage / SF	-	38 / 1.15

DRIVE DATA - SUPPLY		
	Design	Actual

TEST DATA - SUPPLY		
	Design	Actual
Total CFM	85000 / 64480	65522 (connected)
OA CFM	16120	14876
VFD Speed	77.0hz / 56hz	56.2 HZ
RL Voltage	460	318 VFD
RL Amperage	-	17.1 VFD

PERFORMANCE DATA - SUPPLY		
	Design	Actual
Static Pressure Stpt	-	2.2"
Suction S.P.	-	1.24"
Discharge S.P.	-	1.38"
Total S.P.	-	2.64"
Chilled Water Coil P.D.	0.62	0.37"
Pre Heat Coil P.D.	0.10	0.08"
Final Filters P.D.	0.39	NOT INSTALLED
Pre-Filters P.D.	0.23	0.42"
Total ESP	4.0"	3.4"

UNIT DATA - EXHAUST/RETURN		
	Design	Actual

MOTOR DATA - EXHAUST/RETURN		
	Design	Actual
Motor MFG / FRAME	-	BALDOR / 256
Horsepower / RPM	-	10 / 1180
Rated Volts / Phase	-	460 / 3
Rated Amperage / SF	-	14.1 / 1.15

DRIVE DATA - EXHAUST/RETURN		
	Design	Actual

TEST DATA - EXHAUST/RETURN		
	Design	Actual
Total CFM	80000 / 50450	50125 (connected)
VFD Speed	67hz / 56hz	55.8 HZ
RL Voltage	-	301 VFD
RL Amperage	-	8.9 VFD

PERFORMANCE DATA - EXHAUST/RETURN		
	Design	Actual
Static Pressure Stpt	-	1.25"
Suction S.P.	-	2.02"
Discharge S.P.	-	0.12"
Total S.P.	3.150"	2.14"

Completed By: Nick Payne on 12/22/2022

Notes: Flow Station K Factors Supply 0.825 Return 0.715 OA Min 1.715 OA Econ 1.317

Date: 12/23/2022



Comfort. Under control.

National TAB

Project: Dayton Children's Hospital (Dayton, OH)

AHU-DUAL FAN

VAV - Single Duct

AHU-63/6-6503

Asset											
Asset Name	MFG	Model Num	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
63-1-01	NAILOR	D30RE	VAV	9"	780	799	780	784	515	521	1544.9
63-1-02	NAILOR	D30RE	CAV	24"	2420	2438	2420	2408	2180	2195	6314
63-1-03	NAILOR	D30RE	VAV	16"	1890	1901	1890	1891	945	956	3230.9
63-1-04	NAILOR	D30RE	VAV	9"	750	759	750	751	715	720	1537.9
63-1-05	NAILOR	D30RE	VAV	9"	795	802	795	797	760	768	1560.8
63-1-06	NAILOR	D30RE	VAV	7"	450	451	140	142	225	231	924.1
63-1-07	NAILOR	D30RE	VAV	6"	140	144	70	74	140	141	556.4
63-1-08	NAILOR	D30RE	VAV	6"	300	303	70	72	150	149	529.4
63-1-09	NAILOR	D30RE	VAV	6"	245	243	70	72	125	129	484.6
63-1-10	NAILOR	D30RE	VAV	7"	430	417	410	409	410	413	933.4
63-1-11	NAILOR	D30RE	VAV	6"	200	197	125	132	125	127	527.6
63-1-12	NAILOR	D30RE	VAV	6"	240	243	160	162	160	158	516.0
63-1-13	NAILOR	D30RE	VAV	6"	240	245	170	174	170	165	504.2
63-1-14	NAILOR	D30RE	VAV	7"	530	526	465	459	465	471	965.9
63-1-15	NAILOR	D30RE	VAV	6"	240	249	160	162	160	158	552.6
63-1-16	NAILOR	D30RE	VAV	6"	240	252	160	164	160	163	612.2
63-1-17	NAILOR	D30RE	VAV	6"	180	191	65	71	90	92	569.1
63-1-18	NAILOR	D30RE	VAV	6"	180	180	100	102	100	101	501.2
63-1-19	NAILOR	D30RE	VAV	6"	140	138	80	82	80	81	477.6
63-2-01	NAILOR	D30RE	VAV	12"	980	1002	615	621	615	621	2081.7
63-2-02	NAILOR	D30RE	VAV	7"	400	401	300	304	300	304	966.3
63-2-03	NAILOR	D30RE	VAV	9"	870	868	770	760	770	760	1477.3
63-2-04	NAILOR	D30RE	VAV	9"	650	660	650	647	650	643	1574.8
63-2-05	NAILOR	D30RE	VAV	14"	1280	1290	400	406	835	835	2639.2
63-2-06	NAILOR	D30RE	VAV	12"	1180	1351	350	360	590	596	1867.3
63-2-07	NAILOR	D30RE	VAV	14"	1555	1557	445	451	780	775	3007.9
63-2-08	NAILOR	D30RE	VAV	6"	200	206	150	154	150	154	487.9
63-2-09	NAILOR	D30RE	VAV	6"	175	174	165	167	165	169	512.6
63-2-10	NAILOR	D30RE	VAV	9"	885	867	605	601	605	601	1622.6
63-2-11	NAILOR	D30RE	VAV	12"	1175	1176	400	409	765	771	2091.8
63-2-12	NAILOR	D30RE	VAV	14"	1715	1734	400	406	1115	1184	2697.2
63-2-13	NAILOR	D30RE	VAV	12"	1200	1194	300	312	600	592	2151.7
63-2-14	NAILOR	D30RE	VAV	24"	3500	3710	1000	1022	2275	2288	7488
63-2-15	NAILOR	D30RE	VAV	6"	100	99	70	69	100	99	629.8
63-2-16	NAILOR	D30RE	VAV	24"	2420	2440	1105	1115	2180	2204	5720
63-2-17	NAILOR	D30RE	VAV	6"	150	150	70	74	75	74	492.7
63-2-18	NAILOR	D30RE	VAV	6"	300	306	300	319	300	310	909.5
63-2-19	NAILOR	D30RE	VAV	7"	370	367	100	108	185	188	978.1
63-2-20	NAILOR	D30RE	VAV	3"	200	196	150	153	150	153	535.2
63-3-01	NAILOR	D30RE	VAV	10"	770	806	510	512	510	518	1381.8
63-3-02	NAILOR	D30RE	VAV	10"	800	832	510	517	510	522	1537.6
63-3-03	NAILOR	D30RE	VAV	12"	900	921	290	298	450	456	2131.3
63-3-04	NAILOR	D30RE	VAV	6"	300	315	225	230	225	237	525.4
63-3-05	NAILOR	D30RE	VAV	8"	400	403	125	130	200	208	986.4
63-3-06	NAILOR	D30RE	VAV	8"	600	627	290	313	300	305	935.6
63-3-07	NAILOR	D30RE	VAV	6"	360	375	360	362	360	370	667.6
63-3-08	NAILOR	D30RE	VAV	6"	350	346	70	72	175	180	474.2
63-3-09	NAILOR	D30RE	VAV	16"	1860	1859	450	461	1210	1224	3525.9
63-3-10	NAILOR	D30RE	VAV	8"	530	548	170	177	265	272	940.2
63-3-11	NAILOR	D30RE	VAV	8"	600	620	290	293	300	319	901.6
63-3-12	NAILOR	D30RE	VAV	8"	600	626	225	230	300	303	988.1
63-3-13	NAILOR	D30RE	VAV	8"	400	399	320	313	320	327	1019.2
63-3-14	NAILOR	D30RE	VAV	8"	425	432	425	427	425	420	917.4
63-3-15	NAILOR	D30RE	VAV	6"	200	195	70	72	100	101	560.0
63-3-16	NAILOR	D30RE	VAV	6"	350	368	350	368	350	362	547.1
63-3-17	NAILOR	D30RE	VAV	8"	400	414	320	322	320	329	964.9
63-3-18	NAILOR	D30RE	VAV	10"	655	669	655	660	655	649	1437.6
63-3-19	NAILOR	D30RE	VAV	6"	200	206	190	199	190	194	522.9
63-3-20	NAILOR	D30RE	VAV	10"	805	816	805	822	805	801	1648.34
63-3-21	NAILOR	D30RE	VAV	8"	550	549	125	130	330	333	913.3
63-3-22	NAILOR	D30RE	VAV	8"	600	608	125	130	360	368	947.6
63-3-23	NAILOR	D30RE	VAV	10"	825	852	225	230	495	487	1630.2
63-3-24	NAILOR	D30RE	VAV	8"	600	611	125	130	360	372	943.3
63-3-25	NAILOR	D30RE	VAV	8"	365	377	125	130	220	228	929.3
63-3-26	NAILOR	D30RE	VAV	8"	400	424	320	333	320	311	927.4

63-3-27	NAILOR	D30RE	VAV	8"	485	500	485	492	485	499	919.8
63-3-28	NAILOR	D30RE	VAV	6"	295	314	75	78	150	159	504.3
63-3-29	NAILOR	D30RE	VAV	6"	250	256	75	78	125	130	487.1
63-4-01	NAILOR	D30RE	VAV	9"	740	736	550	549	550	561	1210.2
63-4-02	NAILOR	D30RE	VAV	6"	200	213	150	155	150	148	562.7
63-4-03	NAILOR	D30RE	VAV	6"	160	164	65	66	80	82	502.3
63-4-04	NAILOR	D30RE	VAV	16"	1860	1875	430	436	1210	1218	3189.6
63-4-05	NAILOR	D30RE	VAV	7"	415	425	160	169	210	213	702.3
63-4-06	NAILOR	D30RE	VAV	12"	915	936	915	920	915	909	2183.5
63-4-07	NAILOR	D30RE	VAV	7"	315	316	240	237	240	242	759.6
63-4-08	NAILOR	D30RE	VAV	7"	400	428	300	317	300	310	723.5
63-4-09	NAILOR	D30RE	VAV	7"	400	420	300	313	300	310	734.0
63-4-10	NAILOR	D30RE	VAV	6"	175	179	165	170	165	161	575.6
63-4-11	NAILOR	D30RE	VAV	14"	1715	1735	360	372	1115	1142	2738.6
63-4-12	NAILOR	D30RE	VAV	9"	640	650	235	242	420	427	1236.3
63-4-13	NAILOR	D30RE	VAV	6"	300	296	225	230	225	231	520.8
63-4-14	NAILOR	D30RE	VAV	9"	660	686	660	644	660	655	1314.6
63-4-15	NAILOR	D30RE	VAV	7"	440	446	170	177	265	288	702.8
63-4-16	NAILOR	D30RE	VAV	9"	620	640	165	172	310	312	1134.6
63-4-17	NAILOR	D30RE	VAV	6"	325	340	180	188	195	190	533.9
63-4-18	NAILOR	D30RE	VAV	6"	200	210	150	162	150	155	588.3
63-4-19	NAILOR	D30RE	CAV	9"	730	759	730	725	730	740	1353.9
63-4-20	NAILOR	D30RE	VAV	6"	200	208	200	210	200	206	552.3
63-4-21	NAILOR	D30RE	VAV	9"	805	797	805	792	805	815	1070.0
63-4-22	NAILOR	D30RE	VAV	9"	735	747	165	164	445	453	1071.0
63-4-23	NAILOR	D30RE	VAV	6"	100	98	100	105	100	92	432.4
63-5-01	NAILOR	D30RE	VAV	16"	1600	1668	0	0	1600	1621	3743.2
63-5-02	NAILOR	D30RE	VAV	16"	1860	1875	500	509	1210	1222	3448.9
63-6-01	NAILOR	D30RE	VAV	14"	1500	1533	1000	1020	1000	1032	3005
63-6-02	NAILOR	D30RE	VAV	12"	900	906	0	0	0	0	2052.77

Diffuser Ret/Exh (GRD)

AHU-63/6-6503

Asset									
Asset Name	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design	VEL(1)
R63-1-1	J1	24"X24"	1620		2020		1608	99.3	
R63-1-2	J1	24"X24"	1500		844		1405	93.7	
R63-1-3	J1	24"X24"	1500		1216		1458	97.2	
R63-1-4	J1	24"X12"	75		128		72	96.0	
R63-1-5	J1	24"X12"	200		244		205	102.5	
R63-1-6	J1	24"X12"	150		220		158	105.3	
R63-1-7	J1	24"X12"	300		316		316	105.3	
R63-1-8	J1	24"X12"	50		108		52	104.0	
R63-1-9	J1	24"X12"	75		82		82	109.3	
R63-1-10	J1	24"X12"	400		95		416	104.0	
R63-1-11	J2	24"X24"	1270		1499		1299	102.3	
R63-1-12	J1	24"X12"	75		95		70	93.3	
R63-1-13	J1	24"X12"	400		451		426	106.5	
R63-1-14	J1	24"X12"	75		110		76	101.3	
R63-1-15	J1	24"X12"	75		118		81	108.0	
R63-1-16	J1	24"X12"	200		156		210	105.0	
R63-1-17	J1	12"X24"	140		202		152	108.6	
R63-1-18	J1	24"X12"	120		160		126	105.0	
R63-1-19	J1	24"X12"	120		105		113	94.2	
R63-1-20	J1	12"X24"	90		128		94	104.4	
R63-1-21	J1	24"X12"	120		133		122	101.7	
R63-1-22	J1	24"X12"	120		125		105	87.5	
R63-1-23	J1	24"X12"	120		116		115	95.8	
R63-1-24	J1	24"X12"	120		146		123	102.5	
R63-1-25	J1	12"X24"	90		152		94	104.4	
R63-1-26	J1	24"X12"	120		155		126	105.0	
R63-1-27	J1	12"X24"	90		162		88	97.8	
R63-1-28	J1	24"X12"	120		144		121	100.8	
R63-1-29	J1	12"X24"	90		123		96	106.7	
R63-1-30	J1	24"X12"	425		366		417	98.1	
R63-2-1	J1	24"X12"	75		145		72	96.0	
R63-2-2	J1	24"X24"	1620		1882		1588	98.0	
R63-2-3	J1	24"X24"	1100		1355		1109	100.8	
R63-2-4	J1	24"X24"	1550		1288		1522	98.2	
R63-2-5	J1	24"X24"	1550		1655		1567	101.1	
R63-2-6	J1	24"X12"	650		811		629	96.8	
R63-2-7	J1	24"X12"	135		165		130	96.3	
R63-2-8	J1	24"X12"	100		129		103	103.0	
R63-2-9	J1	24"X12"	100		159		109	109.0	
R63-2-10	J1	24"X12"	175		166		184	105.1	
R63-2-11	J1	24"X12"	100		139		106	106.0	
R63-2-12	J1	24"X12"	370		454		377	101.9	
R63-2-13	J1	24"X12"	100		142		104	104.0	
R63-2-14	H1	8"X12"	100		129		92	92.0	
R63-2-15	J1	24"X24"	1070		1166		1099	102.7	
R63-2-16	J1	24"X12"	100		126		105	105.0	
R63-2-17	J1	24"X12"	100		133		102	102.0	
R63-2-18	J1	24"X12"	100		140		109	109.0	
R63-2-19	J2	24"X12"	225		22		220	97.8	
R63-2-20	J1	24"X12"	200		166		213	106.5	
R63-2-21	J1	24"X12"	100		140		96	96.0	
R63-2-22	J1	24"X24"	1550		1216		1563	100.8	
R63-2-23	J1	24"X12"	105		88		112	106.7	
R63-2-24	J2	24"X24"	1550		1304		1536	99.1	
R63-2-25	J1	24"X12"	150		106		145	96.7	
R63-2-26	J1	24"X24"	1550		1005		1522	98.2	
R63-2-27	J1	24"X12"	110		150		104	94.5	
R63-2-28	J1	24"X12"	100		108		109	109.0	
R63-3-1	J1	24"X12"	120		219		111	92.5	
R63-3-2	J1	24"X24"	825		1014		806	97.7	
R63-3-3	J1	24"X12"	350		387		368	105.1	
R63-3-4	J1	24"X12"	140		291		148	105.7	
R63-3-5	J1	24"X12"	75		172		79	105.3	
R63-3-6	J1	24"X12"	200		347		186	93.0	
R63-3-7	J1	24"X12"	365		409		355	97.3	

R63-3-8	J1	24"X12"	100		321		106	106.0	
R63-3-9	J1	24"X12"	300		316		312	104.0	
R63-3-10	J1	24"X12"	300		498		285	95.0	
R63-3-11	J1	24"X12"	100		241		101	101.0	
R63-3-12	J1	24"X12"	100		230		97	97.0	
R63-3-13	J1	24"X12"	100		46		104	104.0	
R63-3-14	J1	24"X12"	170		321		167	98.2	
R63-3-15	J1	24"X12"	170		303		174	102.4	
R63-3-16	J1	24"X12"	100		178		95	95.0	
R63-3-17	J1	24"X12"	100		197		99	99.0	
R63-3-18	J1	24"X12"	100		104		108	108.0	
R63-3-19	J1	24"X12"	100		169		104	104.0	
R63-3-20	J1	24"X12"	300		220		277	92.3	
R63-3-21	J1	24"x24"	600		201		620	103.3	
R63-3-22	J1	24"X12"	100		304		107	107.0	
R63-3-23	J1	24"X12"	100		290		92	92.0	
R63-3-24	J1	24"X12"	100		216		102	102.0	
R63-3-25	J1	24"X12"	125		200		119	95.2	
R63-3-26	J1	24"X12"	170		205		172	101.2	
R63-3-27	J1	24"X12"	100		19		105	105.0	
R63-3-28	J1	24"X12"	170		205		167	98.2	
R63-3-29	J1	24"X12"	300		260		280	93.3	
R63-3-30	J1	24"X12"	550		629		522	94.9	
R63-3-31	J1	24"X12"	200		240		198	99.0	
R63-3-32	J1	24"x24"	800		705		834	104.3	
R63-3-33	J1	24"X12"	125		150		120	96.0	
R63-3-34	J1	24"X12"	125		162		126	100.8	
R63-3-35	J1	24"X12"	125		174		117	93.6	
R63-3-36	J1	24"X12"	225		255		219	97.3	
R63-3-37	J1	24"X12"	400		462		398	99.5	
R63-3-38	J1	24"X12"	300		321		310	103.3	
R63-3-39	J1	24"x24"	900		1055		926	102.9	
R63-3-40	J2	24"x24"	600		745		587	97.8	
R63-3-41	J2	24"x24"	600		636		597	99.5	
R63-3-42	J1	24"x24"	600		744		583	97.2	
R63-3-43	J1	24"X12"	100		133		105	105.0	
R63-3-44	J1	24"X12"	100		125		109	109.0	
R63-3-45	J1	24"X12"	100		146		95	95.0	
R63-3-46	J1	24"X12"	135		178		129	95.6	
R63-3-47	J1	24"X12"	225		274		234	104.0	
R63-3-48	J2	24"x24"	1100		1326		1065	96.8	
R63-3-49	J2	24"x24"	1100		1244		1009	91.7	
R63-3-50	J1	24"X12"	100		134		105	105.0	
R63-4-1	J1	24"X12"	120		381		107	89.2	
R63-4-2	J1	24"X24"	735		1495		713	97.0	
R63-4-3	J1	24"X12"	115		245		104	90.4	
R63-4-4	J1	24"X12"	75		246		69	92.0	
R63-4-5	J1	24"X12"	100		307		92	92.0	
R63-4-6	J1	24"X12"	100		259		105	105.0	
R63-4-7	J1	24"X12"	325		421		314	96.6	
R63-4-8	J1	24"X12"	220		404		205	93.2	
R63-4-9	J1	24"X24"	620		456		605	97.6	
R63-4-10	J1	24"X12"	220		298		218	99.1	
R63-4-11	J1	24"X12"	220		163		230	104.5	
R63-4-12	J1	24"X24"	830		436		824	99.3	
R63-4-13	J1	24"X12"	100		97		105	105.0	
R63-4-14	J1	24"X12"	220		101		204	92.7	
R63-4-15	J1	24"X12"	100		67		109	109.0	
R63-4-16	J1	24"X12"	100		91		99	99.0	
R63-4-17	J1	24"X12"	100		32		101	101.0	
R63-4-18	J1	24"X12"	350		578		329	94.0	
R63-4-19	J1	24"X12"	115		301		109	94.8	
R63-4-20	J1	24"X12"	175		620		168	96.0	
R63-4-21	J1	24"X12"	100		380		107	107.0	
R63-4-22	J1	24"X12"	100		322		95	95.0	
R63-4-23	J1	24"X12"	100		130		105	105.0	
R63-4-24	J1	24"X12"	100		106		95	95.0	
R63-4-25	J1	24"X12"	100		129		108	108.0	
R63-4-26	J1	24"X12"	100		50		105	105.0	

R63-4-27	J1	24"X24"	830		913		837	100.8	
R63-4-28	J1	24"X12"	100		110		94	94.0	
R63-4-29	J1	24"X12"	100		140		98	98.0	
R63-4-30	J1	24"X12"	100		133		105	105.0	
R63-4-31	J1	24"X12"	115		128		116	100.9	
R63-4-32	J1	24"X12"	100		101		91	91.0	
R63-4-33	J2	24"X12"	195		236		208	106.7	
R63-4-34	J2	24"X24"	1165		958		1212	104.0	
R63-4-35	J2	24"X24"	1165		806		1188	102.0	
R63-4-36	J2	24"X24"	1165		1717		1105	94.8	
R63-6-1	H1	30"X12"	900		1055		922	102.4	
R63-6-2	H1	30"X24"	1500						

Diffuser Supply (GRD)

63-1-01/6-1512

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-01-1	6-1006-1	A1	6"	155	198	153	98.7
63-1-01-2	6-1006-1	A1	6"	155	224	151	97.4
63-1-01-3	6-1006-1	A1	6"	155	203	166	107.1
63-1-01-4	6-1200	A1	6"	155	219	160	103.2
63-1-01-5	6-1200	A1	6"	160	198	169	105.6

63-1-02/2ND FLR CONNECTOR

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-02-1	1ST FLR CONNECTOR	S1	8"	165	225	172	104.2
63-1-02-2	1ST FLR CONNECTOR	S1	8"	165	198	158	95.8
63-1-02-3	1ST FLR CONNECTOR	S1	8"	165	216	162	98.2
63-1-02-4	1ST FLR CONNECTOR	S1	8"	165	205	168	101.8
63-1-02-5	1ST FLR CONNECTOR	S1	8"	165	224	172	104.2
63-1-02-6	1ST FLR CONNECTOR	S1	8"	165	203	177	107.3
63-1-02-7	1ST FLR CONNECTOR	S1	8"	165	198	175	106.1
63-1-02-8	1ST FLR CONNECTOR	S1	8"	165	222	160	97.0
63-1-02-9	1ST FLR CONNECTOR	S1	8"	165	182	152	92.1
63-1-02-10	1ST FLR CONNECTOR	S1	8"	165	200	165	100.0
63-1-02-11	1ST FLR CONNECTOR	S1	8"	160	189	166	103.8
63-1-02-12	1ST FLR CONNECTOR	S1	8"	160	188	155	96.9
63-1-02-13	1ST FLR CONNECTOR	A1	8"	225	224	216	96.0
63-1-02-14	1ST FLR CONNECTOR	A1	8"	225	188	240	106.7

63-1-03/6-1510

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-03-1	6-1002	A1	8"	190	253	197	103.7
63-1-03-2	6-1002	A1	8"	180	220	175	97.2
63-1-03-3	6-1002	A1	8"	180	198	173	96.1
63-1-03-4	6-1002	A1	8"	180	184	185	102.8
63-1-03-5	6-1002	A1	8"	180	166	182	101.1
63-1-03-6	6-1002	S1	10"	200	199	175	87.5
63-1-03-7	6-1002	S1	10"	200	202	198	99.0
63-1-03-8	6-1002	S1	10"	200	153	206	103.0
63-1-03-9	6-1002	S1	10"	200	201	212	106.0
63-1-03-10	6-1002	S1	10"	200	239	198	99.0

63-1-04/6-1004

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-04-1	6-1510	A1	6"	75	163	76	101.3
63-1-04-2	6-1501	A1	6"	75	177	70	93.3
63-1-04-3	6-1507-1	A1	6"	100	177	101	101.0
63-1-04-4	6-1500	A1	8"	200	44	197	98.5
63-1-04-5	6-1500	S1	10"	200	281	206	103.0
63-1-04-6	6-1513	A1	6"	100	163	109	109.0

63-1-05/6-1101

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-05-1	6-1004	A1	6"	135	164	134	99.3
63-1-05-2	6-1004	A1	6"	135	174	130	96.3
63-1-05-3	6-1004	A1	6"	135	164	139	103.0
63-1-05-4	6-1004	A1	6"	135	160	145	107.4
63-1-05-5	6-1004	A2	6"	130	161	127	97.7
63-1-05-6	6-1003	A1	6"	50	102	51	102.0
63-1-05-7	6-1002	A1	6"	75	148	76	101.3

63-1-06/6-1102

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-06-1	6-1101	A1	6"	125	176	137	109.6
63-1-06-2	6-1101	A1	6"	125	143	122	97.6
63-1-06-3	6-1101	A1	6"	125	171	122	97.6
63-1-06-4	6-1102A	A2	6"	75	143	70	93.3

63-1-07/6-1102

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-07-1	6-1103	A1	6"	50	83	48	96.0
63-1-07-2	6-1102	A1	6"	90	90	96	106.7

63-1-08/6-1104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-08-1	6-1104	A1	10"	300	361	303	101.0

63-1-09/6-1512

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-09-1	6-1511	A1	6"	125	124	114	91.2
63-1-09-2	6-1512	A1	6"	120	138	129	107.5

63-1-10/6-1115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-10-1	6-1116	A1	6"	100	206	101	101.0
63-1-10-2	6-1116	A1	6"	80	127	76	95.0
63-1-10-3	6-1114	A1	6"	150	130	148	98.7
63-1-10-4	6-1116	A1	6"	100	148	92	92.0

63-1-11/6-1115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-11-1	6-1115	A1	8"	200	232	197	98.5

63-1-12/6-1110

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-12-1	6-1111	A1	6"	120	238	115	95.8
63-1-12-2	6-1113	A1	6"	120	22	128	106.7

63-1-13/6-1100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-13-1	6-1110	A1	6"	120	145	129	107.5
63-1-13-2	6-1112	A1	6"	120	123	116	96.7

63-1-14/6-1100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-14-1	6-1100	A1	6"	150	242	152	101.3
63-1-14-2	HALL	A1	6"	115	90	109	94.8
63-1-14-3	6-1100	A1	6"	150	226	149	99.3
63-1-14-4	6-1116	A1	6"	115	224	116	100.9

63-1-15/6-1109

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-15-1	6-1108	A1	6"	120	150	119	99.2
63-1-15-2	6-1109	A1	6"	120	140	130	108.3

63-1-16/6-1118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-16-1	6-1106	A1	6"	120	43	125	104.2
63-1-16-2	6-1107	A1	6"	120	285	127	105.8

63-1-17/6-1118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-17-1	6-1118	A1	6"	90	117	96	106.7
63-1-17-2	6-1119	A1	6"	90	108	95	105.6

63-1-18/6-1121

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-18-1	6-1120	A1	6"	90	91	93	103.3
63-1-18-2	6-1121	A1	6"	90	107	87	96.7

63-2-01/6-2008

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-01-1	6-2008	A1	6"	110	201	115	104.5
63-2-01-2	6-2200	A1	8"	225	44	226	100.4
63-2-01-3	6-2008	A1	6"	115	166	112	97.4
63-2-01-4	6-2009	A1	6"	200	204	211	105.5
63-2-01-5	6-2011	A2	6"	50	86	54	108.0
63-2-01-6	6-2008	A1	6"	115	40	121	105.2
63-2-01-7	6-2010	A2	6"	50	184	54	108.0
63-2-01-8	6-2008	A1	6"	115	195	109	94.8

63-2-02/6-2211

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-02-1	6-2203	A1	6"	100	152	108	108.0
63-2-02-2	6-2204	A1	6"	100	136	98	98.0
63-2-02-3	6-2210	A1	6"	100	145	101	101.0
63-2-02-4	6-2211	A1	6"	100	162	94	94.0

63-2-04/6-2001

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-04-1	6-2001	A1	10"	325	422	312	96.0
63-2-04-2	6-2001	A1	10"	325	456	348	107.1

63-2-05/6-2007

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-05-1	6-2007	S3	12"	320	356	313	97.8
63-2-05-2	6-2007	S3	12"	320	299	310	96.9
63-2-05-3	6-2007	S3	12"	320	316	332	103.8
63-2-05-4	6-2007	S3	12"	320	338	335	104.7

63-2-06/6-2100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-06-1	6-2005	A1	6"	150	170	154	102.7
63-2-06-2	6-2006	A1	8"	185	164	188	101.6
63-2-06-3	6-2006	A1	8"	185	183	191	103.2
63-2-06-4	6-2006	A1	8"	185	187	187	101.1
63-2-06-5	6-2006			185	179	176	95.1
63-2-06-6	6-2007	A1	8"	185	204	169	91.4
63-2-06-7	6-2007	A1	8"	185	162	180	97.3
63-2-06-8	6-2107	A1	6"	105	90	106	101.0

63-2-07/6-2100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-07-1	6-2002-1	A1	8"	220	60	224	101.8
63-2-07-2	6-2002-1	A1	8"	220	480	240	109.1
63-2-07-3	6-2002-1	A1	8"	220	480	214	97.3
63-2-07-4	HALL	A1	8"	220	34	205	93.2
63-2-07-5	6-2111	A1	6"	75	32	77	102.7
63-2-07-6	6-2112	A1	6"	150	50	137	91.3
63-2-07-7	6-2102	A1	6"	110	248	111	100.9
63-2-07-8	6-2100	A1	8"	170	469	186	109.4
63-2-07-9	6-2100	A1	8"	170	53	163	95.9

63-2-08/6-2206

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-08-1	6-2206	A1	6"	100	123	102	102.0
63-2-08-2	6-2207	A1	6"	100	128	104	104.0

63-2-09/6-2208

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-09-1	6-2208	A1	8"	175	211	174	99.4

63-2-10/6-2106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-10-1	6-2105	A1	8"	175	263	182	104.0
63-2-10-2	6-2105	A1	8"	175	245	164	93.7
63-2-10-3	6-2105	A1	8"	175	241	165	94.3
63-2-10-4	6-2105	A1	8"	185	279	180	97.3
63-2-10-5	6-2105	A1	8"	175	199	176	100.6

63-2-11/6-2005

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-11-1	6-2106	A1	8"	220	18	207	94.1
63-2-11-2	6-2106	S1	10"	220	233	226	102.7
63-2-11-3	6-2106	A1	8"	220	282	230	104.5
63-2-11-4	6-2501	A1	8"	220	265	235	106.8
63-2-11-5	6-2502	A1	6"	75	34	71	94.7
63-2-11-6	6-2501	S1	10"	220	363	207	94.1

63-2-12/6-2005

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-12-1	6-2005	S1	12"	245	274	264	107.8
63-2-12-2	6-2005	S1	12"	245	289	251	102.4
63-2-12-3	6-2005	S1	12"	245	224	233	95.1
63-2-12-4	6-2005	S1	12"	245	276	251	102.4
63-2-12-5	6-2005	S1	12"	245	237	239	97.6
63-2-12-6	6-2005	S1	12"	245	281	249	101.6
63-2-12-7	6-2005	S1	12"	245	246	247	100.8

63-2-13/6-1002

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-13-1	6-2004	A1	8"	300	305	305	101.7
63-2-13-2	6-2003	S3	12"	450	439	439	97.6
63-2-13-3	6-2003	S3	12"	450	450	450	100.0

63-2-14/6-2105 OFFICE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-14-1	6-2002-1	A1	6"	145		152	104.8
63-2-14-2	6-2002-1	A1	6"	150		158	105.3
63-2-14-3	6-2002-1	A1	6"	150		162	108.0
63-2-14-4	6-2002-1	S2	12"	255		244	95.7
63-2-14-5	6-2002-1	S2	12"	255		265	103.9
63-2-14-6	6-2002-1	S2	12"	255		262	102.7
63-2-14-7	6-2002-1	S2	12"	255		250	98.0
63-2-14-8	6-2002-1	S2	12"	255		244	95.7
63-2-14-9	STAIRWELL	S2	12"	275		292	106.2
63-2-14-10	STAIRWELL	S2	12"	275		269	97.8
63-2-14-11	STAIRWELL	S2	12"	275		284	103.3
63-2-14-12	STAIRWELL	S2	12"	275		288	104.7
63-2-14-13	STAIRWELL	S2	12"	275		274	99.6
63-2-14-14	STAIRWELL	S2	12"	275		280	101.8
63-2-14-15	STAIRWELL	S2	12"	275		286	104.0

63-2-15/6-2105 OFFICE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-15-1	6-2105 OFFICE	A1	6"	100	156	99	99.0

63-2-16/6-2103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-16-1	2ND FLR CONNECTOR	S2	8"	165	107	167	101.2
63-2-16-2	2ND FLR CONNECTOR	S2	8"	165	146	174	105.5
63-2-16-3	2ND FLR CONNECTOR	S2	8"	165	121	160	97.0
63-2-16-4	2ND FLR CONNECTOR	S2	8"	165	117	162	98.2
63-2-16-5	2ND FLR CONNECTOR	S2	8"	165	141	172	104.2
63-2-16-6	2ND FLR CONNECTOR	S2	8"	165	120	171	103.6
63-2-16-7	2ND FLR CONNECTOR	S2	8"	165	88	163	98.8
63-2-16-8	2ND FLR CONNECTOR	S2	8"	165	109	166	100.6
63-2-16-9	2ND FLR CONNECTOR	S2	8"	165	127	175	106.1
63-2-16-10	2ND FLR CONNECTOR	S2	8"	165	127	169	102.4
63-2-16-11	2ND FLR CONNECTOR	S2	8"	160	107	158	98.8
63-2-16-12	2ND FLR CONNECTOR	S2	8"	160	115	164	102.5
63-2-16-13	2ND FLR CONNECTOR	A1	8"	225	119	204	90.7
63-2-16-14	2ND FLR CONNECTOR	A1	8"	225	138	235	104.4

63-2-17/6-2103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-17-1	6-2103	A1	6"	150	163	150	100.0

63-2-18/6-2205

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-18-1	6-2205	P1	10"	300	388	306	102.0

63-2-19/6-2215

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-19-1	6-2213	A1	8"	185	225	187	101.1
63-2-19-2	6-2213	A1	8"	185	220	180	97.3

63-2-20/6-2215

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-30-1	6-2215	A1	6"	100	117	103	103.0
63-2-30-2	6-2215	A1	6"	100	120	93	93.0

63-3-01/6-3103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-01-1	6-3002	A1	8"	165	222	169	102.4
63-3-01-2	6-3201	A1	6"	115	0	122	106.1
63-3-01-3	6-3201	A1	6"	110	0	108	98.2
63-3-01-4	6-3200	A1	8"	165	267	175	106.1
63-3-01-5	6-3003	A2	6"	50	114	52	104.0
63-3-01-6	6-3200	A1	8"	165	283	180	109.1

63-3-02/6-3222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-02-1	6-3103	A1	8"	200	256	207	103.5
63-3-02-2	6-3103	A1	8"	200	272	211	105.5
63-3-02-3	6-3103	A1	8"	200	247	205	102.5
63-3-02-4	6-3103	A1	8"	200	283	209	104.5

63-3-03/6-3222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-03-1	6-3223	A1	10"	300	335	302	100.7
63-3-03-2	6-3223	A1	10"	300	362	308	102.7
63-3-03-3	6-3223	A1	10"	300	348	311	103.7

63-3-04/6-3206 HALL

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-04-1	6-3204	A1	6"	100	118	108	108.0
63-3-04-2	6-3214	A1	6"	100	112	105	105.0
63-3-04-3	6-3216	A1	6"	100	116	102	102.0

63-3-05/6-3206 HALL

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-05-1	6-3207	A1	6"	135	135	140	103.7
63-3-05-2	6-3206	A1	6"	135	152	138	102.2
63-3-05-3	6-3206 HALL	A1	6"	130	220	125	96.2

63-3-06/6-3220

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-06-1	6-3320	A1	10"	300	318	302	100.7
63-3-06-2	6-3320	A1	10"	300	380	325	108.3

63-3-07/6-3224

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-07-1	6-3137	A1	6"	140	185	145	103.6
63-3-07-2	6-3229	A1	6"	120	169	126	105.0
63-3-07-3	6-3224	A2	6"	100	140	104	104.0

63-3-08/6-3225

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-08-1	6-3211	A1	8"	225	187	220	97.8
63-3-08-2	6-3225	A1	6"	125	164	126	100.8

63-3-09/6-3000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-09-1	6-3000-1	S1	10"	185	208	186	100.5
63-3-09-2	6-3000-1	S1	10"	185	209	198	107.0
63-3-09-3	6-3000-1	S1	10"	185	236	194	104.9
63-3-09-4	6-3000-1	S1	10"	185	183	173	93.5
63-3-09-5	6-3000-1	S1	10"	185	160	177	95.7
63-3-09-6	6-3000-1	S1	10"	185	233	179	96.8
63-3-09-7	6-3000-1	S1	10"	185	204	182	98.4
63-3-09-8	6-3000-1	S1	10"	185	258	199	107.6
63-3-09-9	6-3000-1	S1	10"	185	234	198	107.0
63-3-09-10	6-3000-1	S1	10"	185	250	173	93.5

63-3-10/6-3000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-10-1	6-3000-1	A1	8"	160	227	165	103.1
63-3-10-2	6-3001	A2	6"	50	94	52	104.0
63-3-10-3	6-3000-1	A1	8"	160	164	170	106.3
63-3-10-4	6-3000-1	A1	8"	160	195	161	100.6

63-3-11/6-3205

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-11-1	6-3205	A1	10"	300	196	311	103.7
63-3-11-2	6-3205	A1	10"	300	250	309	103.0

63-3-12/6-3126

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-12-1	6-3206 OFFICE	A1	10"	300	323	308	102.7
63-3-12-2	6-3206 OFFICE	A1	10"	300	346	318	106.0

63-3-13/6-3203

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-13-1	6-3129	A1	6"	100	138	98	98.0
63-3-13-2	6-3131	A1	6"	100	145	95	95.0
63-3-13-3	6-3125	A1	6"	100	162	105	105.0
63-3-13-4	6-3126	A1	6"	100	140	101	101.0

63-3-14/6-3203

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-14-1	6-3133	A1	6"	120	141	123	102.5
63-3-14-2	6-3203	A1	6"	135	159	139	103.0
63-3-14-3	6-3202	A2	6"	45	71	49	108.9
63-3-14-4	6-3228	A1	6"	125	110	121	96.8

63-3-15/6-3104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-15-1	6-3104	A1	8"	200	244	195	97.5

63-3-16/6-3121

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-16-1	6-3121	A1	8"	170	223	178	104.7
63-3-16-2	6-3136	A1	6"	90	118	92	102.2
63-3-16-3	6-3135-1	A1	6"	90	120	98	108.9

63-3-17/6-3112

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-17-1	6-3113	A1	6"	100	143	106	106.0
63-3-17-2	6-3117	A1	6"	100	144	104	104.0
63-3-17-3	6-3112	A1	6"	100	156	101	101.0
63-3-17-4	6-3116	A1	6"	100	150	103	103.0

63-3-18/6-3114

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-18-1	6-3118	A1	6"	75	115	72	96.0
63-3-18-2	6-3137	A1	6"	125	250	130	104.0
63-3-18-3	6-3122	A1	6"	50	75	52	104.0
63-3-18-4	6-3127	A1	6"	50	66	54	108.0
63-3-18-5	6-3114	A1	6"	140	105	148	105.7
63-3-18-6	6-3135-A	A1	6"	110	112	108	98.2
63-3-18-7	6-3135-2	A1	6"	105	77	105	100.0

63-3-19/6-3123

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-19-1	6-3123	A1	8"	200	229	206	103.0

63-3-20/6-3505

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-20-1	6-3502	A2	6"	50	134	52	104.0
63-3-20-2	6-3503	A2	6"	50	102	54	108.0
63-3-20-3	6-3135-1	A1	8"	185	227	187	101.1
63-3-20-4	6-3505	A1	6"	120	118	126	105.0
63-3-20-5	6-3501	S1	10"	220	266	213	96.8
63-3-20-6	6-3501	A1	8"	180	293	184	102.2

63-3-21/6-3106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-21-1	6-3105	A1	8"	275	315	269	97.8
63-3-21-2	6-3105	A1	8"	275	303	280	101.8

63-3-22/6-3106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-22-1	6-3106	A1	10"	300	330	309	103.0
63-3-22-2	6-3107	A1	10"	300	316	299	99.7

63-3-23/6-3504

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-23-1	6-3504	A1	8"	165	225	170	103.0
63-3-23-2	6-3504	A1	8"	165	242	168	101.8
63-3-23-3	6-3504	S1	10"	165	265	172	104.2
63-3-23-4	6-3504	S1	10"	165	218	165	100.0
63-3-23-5	6-3504	S1	10"	165	240	177	107.3

63-3-25/6-3110

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-251	6-3110	A1	12"	365	516	377	103.3

63-3-26/6-3115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-26-1	6-3102	A1	6"	100	139	109	109.0
63-3-26-2	6-3119	A1	6"	100	134	106	106.0
63-3-26-3	6-3115	A1	6"	100	140	107	107.0
63-3-26-4	6-3111	A1	6"	100	146	102	102.0

63-3-28/6-3120

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-28-1	6-3124	A1	6"	125	116	126	100.8
63-3-28-2	6-3120	A1	8"	170	147	188	110.6

63-3-29/6-3209

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-29-1	6-3209	A1	6"	125	145	130	104.0
63-3-29-2	6-3210	A1	6"	125	137	126	100.8

63-3-24/6-3109

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-34-1	6-3108	A1	10"	300	326	308	102.7
63-3-34-2	6-3109	A1	10"	300	327	303	101.0

63-3-27/6-3101

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-37-1	6-3128	A1	8"	170	258	172	101.2
63-3-37-2	6-3101	A1	8"	170	260	178	104.7
63-3-37-3	HALL	A1	6"	145	105	150	103.4

63-4-01/6-4210

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-01-1	6-4001	A1	6"	120	72	122	101.7
63-4-01-2	6-4210	A1	8"	195	215	191	97.9
63-4-01-3	6-4001	A1	6"	120	125	129	107.5
63-4-01-4	6-4001	A1	6"	120	128	121	100.8
63-4-01-5	6-4003	A2	6"	50	113	48	96.0
63-4-01-6	6-4001	A1	6"	135	121	125	92.6

63-4-02/6-4222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-02-1	6-4220	A1	6"	100	117	104	104.0
63-4-02-2	6-4222	A1	6"	100	125	109	109.0

63-4-03/6-4212

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-03-1	6-4212	A1	8"	160	195	164	102.5

63-4-04/6-4000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-04-1	6-4000-2	S1	8	185	156	168	90.8
63-4-04-2	6-4000-2	S1	8	185	153	201	108.6
63-4-04-3	6-4000-2	S1	8	185	169	182	98.4
63-4-04-4	6-4000-2	S1	8	185	208	169	91.4
63-4-04-5	6-4000-2	S1	8	185	187	194	104.9
63-4-04-6	6-4000-2	S1	8	185	231	196	105.9
63-4-04-7	6-4000-2	S1	8	185	234	201	108.6
63-4-04-8	6-4000-2	S1	8	185	186	191	103.2
63-4-04-9	6-4000-2	S1	8	185	235	189	102.2
63-4-04-10	6-4000-2	S1	8	185	192	184	99.5

63-4-05/6-4213

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-05-1	6-4000-2	A1	8"	210	217	216	102.9
63-4-05-2	6-4000-2	A1	8"	205	230	209	102.0

63-4-06/6-4213

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-06-1	6-4200-2	A1	8"	150	165	152	101.3
63-4-06-2	6-4213	A1	8"	205	268	210	102.4
63-4-06-3	6-4213	A1	8"	205	265	217	105.9
63-4-06-4	6-4213	A1	8"	210	312	211	100.5
63-4-06-5	6-4231	A1	6"	145	0	146	100.7

63-4-07/6-4119

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-07-1	6-4119	A1	6"	100	137	101	101.0
63-4-07-2	6-4203	A1	6"	100	114	104	104.0
63-4-07-3	6-4204	A1	6"	115	114	111	96.5

63-4-08/6-4206

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-08-1	6-4120	A1	6"	100	112	109	109.0
63-4-08-2	6-4121	A1	6"	100	118	105	105.0
63-4-08-3	6-4205	A1	6"	100	124	106	106.0
63-4-08-4	6-4206	A1	6"	100	108	108	108.0

63-4-09/6-4209

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-09-1	6-4122	A1	6"	100	124	105	105.0
63-4-09-2	6-4207	A1	6"	100	125	106	106.0
63-4-09-3	6-4208	A1	6"	100	116	99	99.0
63-4-09-4	6-4209	A1	6"	100	108	110	110.0

63-4-10/6-4123

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-10-1	6-4123	A1	8"	175	211	179	102.3

63-4-11/6-4000-3

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-11-1	6-4000-3	S1	12"	245	256	253	103.3
63-4-11-2	6-4000-3	S1	12"	245	271	247	100.8
63-4-11-3	6-4000-3	S1	12"	245	249	256	104.5
63-4-11-4	6-4000-3	S1	12"	245	305	262	106.9
63-4-11-5	6-4000-3	S1	12"	245	281	237	96.7
63-4-11-6	6-4000-3	S1	12"	245	235	249	101.6
63-4-11-7	6-4000-3	S1	12"	245	224	231	94.3

63-4-12/6-4104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-12-1	6-4102	A1	8"	220	242	217	98.6
63-4-12-2	6-4100-2	A1	8"	200	206	204	102.0
63-4-12-3	6-4104	A1	8"	220	256	229	104.1

63-4-13/6-4103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-13-1	6-4110	A1	6"	100	109	98	98.0
63-4-13-2	6-4109	A1	6"	100	121	95	95.0
63-4-13-3	6-4103	A1	6"	100	153	103	103.0

63-4-14/6-4111

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-14-1	6-4100-2	A1	8"	130	165	132	101.5
63-4-14-2	6-4111	A1	8"	200	225	205	102.5
63-4-14-3	6-4111	A1	8"	200	240	211	105.5
63-4-14-4	6-4101-1	A1	8"	130	150	138	106.2

63-4-15/6-4106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-15-1	6-4105	A1	8"	220	270	217	98.6
63-4-15-2	6-4106	A1	8"	220	256	229	104.1

63-4-16/6-4107

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-16-1	6-4112	A1	8"	210	258	215	102.4
63-4-16-2	6-4112	A1	8"	205	262	209	102.0
63-4-16-3	6-4112	A1	8"	205	220	216	105.4

63-4-17/6-4107

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-17-1	6-4107	A1	8"	165	325	172	104.2
63-4-17-2	6-4107	A1	8"	160	44	168	105.0

63-4-18/6-4116

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-18-1	6-4113	A1	6"	100	131	106	106.0
63-4-18-2	6-4114	A1	6"	100	129	104	104.0

63-4-19/6-4116

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-19-1	6-4126	A1	6"	50	109	52	104.0
63-4-19-2	6-4101-2	A1	6"	150	146	158	105.3
63-4-19-3	6-4117	A1	6"	75	115	74	98.7
63-4-19-4	6-4100-1	A1	8"	200	184	209	104.5
63-4-19-5	6-4116	A1	6"	115	157	120	104.3
63-4-19-6	6-4100-3	A1	6"	90	99	92	102.2
63-4-19-7	6-4108	A2	6"	50	108	54	108.0

63-4-20/6-4125

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-20-1	6-4125	A1	8"	200	262	208	104.0

63-4-21/6-4505

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-21-1	6-4502	A2	6"	50	124	50	100.0
63-4-21-2	6-4503	A2	6"	50	130	46	92.0
63-4-21-3	HALL	A1	8"	185	315	175	94.6
63-4-21-4	6-4505	A1	6"	120	151	122	101.7
63-4-21-5	ELEV LOBBY	S1	10"	220	46	223	101.4
63-4-21-6	HALL	A1	8"	180	48	181	100.6

63-4-22/6-4118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-22-1	6-4504	S1	10"	185	194	175	94.6
63-4-22-2	6-4504	A1	8"	180	129	186	103.3
63-4-22-3	6-4504	A1	8"	185	179	192	103.8
63-4-22-4	6-4504	S1	10"	185	178	194	104.9

63-4-23/6-4118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-23-1	6-4118	A1	6"	100	98	98	98.0

63-5-01/5TH FLR WEST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-5-01-1	5TH FLR NORTH	F1	24"X10"	400	492	421	105.3
63-5-01-2	5TH FLR NORTH	F1	24"X10"	400	487	409	102.3
63-5-01-3	5TH FLR NORTH	F1	24"X10"	400	521	414	103.5
63-5-01-4	5TH FLR NORTH	F1	24"X10"	400	501	424	106.0

63-5-02/5TH FLR WEST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-5-02-1	6-5000-1	S1	10"	185	178	180	97.3
63-5-02-2	6-5000-1	S1	10"	185	220	201	108.6
63-5-02-3	6-5000-1	S1	10"	185	235	199	107.6
63-5-02-4	6-5000-1	S1	10"	185	186	192	103.8
63-5-02-5	6-5000-1	S1	10"	185	226	189	102.2
63-5-02-6	6-5000-1	S1	10"	185	218	180	97.3
63-5-02-7	6-5000-1	S1	10"	185	231	200	108.1
63-5-02-8	6-5000-1	S1	10"	185	227	172	93.0
63-5-02-9	6-5000-1	S1	10"	185	161	183	98.9
63-5-02-10	6-5000-1	S1	10"	185	238	179	96.8

63-6-01/6TH FLR SOUTHEAST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-6-01-1	MECH RM	F1	16"X10"	500	549	498	99.6
63-6-01-2	MECH RM	F1	16"X10"	500	601	521	104.2
63-6-01-3	MECH RM	F1	16"X10"	500	571	514	102.8

63-1-19/6-1319

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-1122	A1	6"	90	134	88	97.8
SGRD2	6-1123	A1	6"	50	11	50	100.0

63-2-03/6-2212

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-2201-2	A1	6"	65	102	64	98.5
SGRD2	6-2201-2	A1	6"	65	74	59	90.8
SGRD3	6-2212	A1	8"	205	223	211	102.9
SGRD4	6-2212	A1	8"	205	241	199	97.1
SGRD5	6-2212	A1	8"	200	227	208	104.0
SGRD6	6-2202-2	A1	6"	65	103	64	98.5
SGRD7	6-2300-1	A1	6"	65	108	63	96.9

63-6-02/6-6503

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-6503	F1	24"X12"	900	911	906	100.7

Completed By: Tyler Youells on 11/14/2022



Comfort. Under control.

National TAB

Project: Dayton Children's Hospital (Dayton, OH)

System/Unit: AHU-DUAL FAN

Asset: AHU-63

AREA:6-6503

UNIT DATA - SUPPLY		
	Design	Actual
Manufacturer	TRANE	TRANE
Model Number	NA	TCPA0AD29C4M3322S0209
Serial Number	-	M21J00093
No. Pre-Filters / Size (1)	-	45, 24"X24"X2"
No. Final Filters / Size (1)	-	45, 24"X24"X2"

MOTOR DATA - SUPPLY		
	Design	Actual
Motor MFG / Frame	-	BALDOR / 256
Horsepower / RPM	-	30 / 1800
Rated Volts / Phase	-	460 / 3
Rated Amperage / SF	-	38 / 1.15

DRIVE DATA - SUPPLY		
	Design	Actual

TEST DATA - SUPPLY		
	Design	Actual
Total CFM	85000 / 64480	65522 (connected)
OA CFM	16120	14876
VFD Speed	77.0hz / 56hz	56.2 HZ
RL Voltage	460	318 VFD
RL Amperage	-	17.1 VFD

PERFORMANCE DATA - SUPPLY		
	Design	Actual
Static Pressure Stpt	-	2.2"
Suction S.P.	-	1.24"
Discharge S.P.	-	1.38"
Total S.P.	-	2.64"
Chilled Water Coil P.D.	0.62	0.37"
Pre Heat Coil P.D.	0.10	0.08"
Final Filters P.D.	0.39	NOT INSTALLED
Pre-Filters P.D.	0.23	0.42"
Total ESP	4.0"	3.4"

UNIT DATA - EXHAUST/RETURN		
	Design	Actual

MOTOR DATA - EXHAUST/RETURN		
	Design	Actual
Motor MFG / FRAME	-	BALDOR / 256
Horsepower / RPM	-	10 / 1180
Rated Volts / Phase	-	460 / 3
Rated Amperage / SF	-	14.1 / 1.15

DRIVE DATA - EXHAUST/RETURN		
	Design	Actual

TEST DATA - EXHAUST/RETURN		
	Design	Actual
Total CFM	80000 / 50450	50125 (connected)
VFD Speed	67hz / 56hz	55.8 HZ
RL Voltage	-	301 VFD
RL Amperage	-	8.9 VFD

PERFORMANCE DATA - EXHAUST/RETURN		
	Design	Actual
Static Pressure Stpt	-	1.25"
Suction S.P.	-	2.02"
Discharge S.P.	-	0.12"
Total S.P.	3.150"	2.14"

Completed By: Nick Payne on 12/22/2022

Notes: Flow Station K Factors Supply 0.825 Return 0.715 OA Min 1.715 OA Econ 1.317

Date: 12/23/2022



Comfort. Under control.

National TAB

Project: Dayton Children's Hospital (Dayton, OH)

AHU-DUAL FAN

VAV - Single Duct

AHU-63/6-6503

Asset											
Asset Name	MFG	Model Num	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
63-1-01	NAILOR	D30RE	VAV	9"	780	799	780	784	515	521	1544.9
63-1-02	NAILOR	D30RE	CAV	24"	2420	2438	2420	2408	2180	2195	6314
63-1-03	NAILOR	D30RE	VAV	16"	1890	1901	1890	1891	945	956	3230.9
63-1-04	NAILOR	D30RE	VAV	9"	750	759	750	751	715	720	1537.9
63-1-05	NAILOR	D30RE	VAV	9"	795	802	795	797	760	768	1560.8
63-1-06	NAILOR	D30RE	VAV	7"	450	451	140	142	225	231	924.1
63-1-07	NAILOR	D30RE	VAV	6"	140	144	70	74	140	141	556.4
63-1-08	NAILOR	D30RE	VAV	6"	300	303	70	72	150	149	529.4
63-1-09	NAILOR	D30RE	VAV	6"	245	243	70	72	125	129	484.6
63-1-10	NAILOR	D30RE	VAV	7"	430	417	410	409	410	413	933.4
63-1-11	NAILOR	D30RE	VAV	6"	200	197	125	132	125	127	527.6
63-1-12	NAILOR	D30RE	VAV	6"	240	243	160	162	160	158	516.0
63-1-13	NAILOR	D30RE	VAV	6"	240	245	170	174	170	165	504.2
63-1-14	NAILOR	D30RE	VAV	7"	530	526	465	459	465	471	965.9
63-1-15	NAILOR	D30RE	VAV	6"	240	249	160	162	160	158	552.6
63-1-16	NAILOR	D30RE	VAV	6"	240	252	160	164	160	163	612.2
63-1-17	NAILOR	D30RE	VAV	6"	180	191	65	71	90	92	569.1
63-1-18	NAILOR	D30RE	VAV	6"	180	180	100	102	100	101	501.2
63-1-19	NAILOR	D30RE	VAV	6"	140	138	80	82	80	81	477.6
63-2-01	NAILOR	D30RE	VAV	12"	980	1002	615	621	615	621	2081.7
63-2-02	NAILOR	D30RE	VAV	7"	400	401	300	304	300	304	966.3
63-2-03	NAILOR	D30RE	VAV	9"	870	868	770	760	770	760	1477.3
63-2-04	NAILOR	D30RE	VAV	9"	650	660	650	647	650	643	1574.8
63-2-05	NAILOR	D30RE	VAV	14"	1280	1290	400	406	835	835	2639.2
63-2-06	NAILOR	D30RE	VAV	12"	1180	1351	350	360	590	596	1867.3
63-2-07	NAILOR	D30RE	VAV	14"	1555	1557	445	451	780	775	3007.9
63-2-08	NAILOR	D30RE	VAV	6"	200	206	150	154	150	154	487.9
63-2-09	NAILOR	D30RE	VAV	6"	175	174	165	167	165	169	512.6
63-2-10	NAILOR	D30RE	VAV	9"	885	867	605	601	605	601	1622.6
63-2-11	NAILOR	D30RE	VAV	12"	1175	1176	400	409	765	771	2091.8
63-2-12	NAILOR	D30RE	VAV	14"	1715	1734	400	406	1115	1184	2697.2
63-2-13	NAILOR	D30RE	VAV	12"	1200	1194	300	312	600	592	2151.7
63-2-14	NAILOR	D30RE	VAV	24"	3500	3710	1000	1022	2275	2288	7488
63-2-15	NAILOR	D30RE	VAV	6"	100	99	70	69	100	99	629.8
63-2-16	NAILOR	D30RE	VAV	24"	2420	2440	1105	1115	2180	2204	5720
63-2-17	NAILOR	D30RE	VAV	6"	150	150	70	74	75	74	492.7
63-2-18	NAILOR	D30RE	VAV	6"	300	306	300	319	300	310	909.5
63-2-19	NAILOR	D30RE	VAV	7"	370	367	100	108	185	188	978.1
63-2-20	NAILOR	D30RE	VAV	3"	200	196	150	153	150	153	535.2
63-3-01	NAILOR	D30RE	VAV	10"	770	806	510	512	510	518	1381.8
63-3-02	NAILOR	D30RE	VAV	10"	800	832	510	517	510	522	1537.6
63-3-03	NAILOR	D30RE	VAV	12"	900	921	290	298	450	456	2131.3
63-3-04	NAILOR	D30RE	VAV	6"	300	315	225	230	225	237	525.4
63-3-05	NAILOR	D30RE	VAV	8"	400	403	125	130	200	208	986.4
63-3-06	NAILOR	D30RE	VAV	8"	600	627	290	313	300	305	935.6
63-3-07	NAILOR	D30RE	VAV	6"	360	375	360	362	360	370	667.6
63-3-08	NAILOR	D30RE	VAV	6"	350	346	70	72	175	180	474.2
63-3-09	NAILOR	D30RE	VAV	16"	1860	1859	450	461	1210	1224	3525.9
63-3-10	NAILOR	D30RE	VAV	8"	530	548	170	177	265	272	940.2
63-3-11	NAILOR	D30RE	VAV	8"	600	620	290	293	300	319	901.6
63-3-12	NAILOR	D30RE	VAV	8"	600	626	225	230	300	303	988.1
63-3-13	NAILOR	D30RE	VAV	8"	400	399	320	313	320	327	1019.2
63-3-14	NAILOR	D30RE	VAV	8"	425	432	425	427	425	420	917.4
63-3-15	NAILOR	D30RE	VAV	6"	200	195	70	72	100	101	560.0
63-3-16	NAILOR	D30RE	VAV	6"	350	368	350	368	350	362	547.1
63-3-17	NAILOR	D30RE	VAV	8"	400	414	320	322	320	329	964.9
63-3-18	NAILOR	D30RE	VAV	10"	655	669	655	660	655	649	1437.6
63-3-19	NAILOR	D30RE	VAV	6"	200	206	190	199	190	194	522.9
63-3-20	NAILOR	D30RE	VAV	10"	805	816	805	822	805	801	1648.34
63-3-21	NAILOR	D30RE	VAV	8"	550	549	125	130	330	333	913.3
63-3-22	NAILOR	D30RE	VAV	8"	600	608	125	130	360	368	947.6
63-3-23	NAILOR	D30RE	VAV	10"	825	852	225	230	495	487	1630.2
63-3-24	NAILOR	D30RE	VAV	8"	600	611	125	130	360	372	943.3
63-3-25	NAILOR	D30RE	VAV	8"	365	377	125	130	220	228	929.3
63-3-26	NAILOR	D30RE	VAV	8"	400	424	320	333	320	311	927.4

63-3-27	NAILOR	D30RE	VAV	8"	485	500	485	492	485	499	919.8
63-3-28	NAILOR	D30RE	VAV	6"	295	314	75	78	150	159	504.3
63-3-29	NAILOR	D30RE	VAV	6"	250	256	75	78	125	130	487.1
63-4-01	NAILOR	D30RE	VAV	9"	740	736	550	549	550	561	1210.2
63-4-02	NAILOR	D30RE	VAV	6"	200	213	150	155	150	148	562.7
63-4-03	NAILOR	D30RE	VAV	6"	160	164	65	66	80	82	502.3
63-4-04	NAILOR	D30RE	VAV	16"	1860	1875	430	436	1210	1218	3189.6
63-4-05	NAILOR	D30RE	VAV	7"	415	425	160	169	210	213	702.3
63-4-06	NAILOR	D30RE	VAV	12"	915	936	915	920	915	909	2183.5
63-4-07	NAILOR	D30RE	VAV	7"	315	316	240	237	240	242	759.6
63-4-08	NAILOR	D30RE	VAV	7"	400	428	300	317	300	310	723.5
63-4-09	NAILOR	D30RE	VAV	7"	400	420	300	313	300	310	734.0
63-4-10	NAILOR	D30RE	VAV	6"	175	179	165	170	165	161	575.6
63-4-11	NAILOR	D30RE	VAV	14"	1715	1735	360	372	1115	1142	2738.6
63-4-12	NAILOR	D30RE	VAV	9"	640	650	235	242	420	427	1236.3
63-4-13	NAILOR	D30RE	VAV	6"	300	296	225	230	225	231	520.8
63-4-14	NAILOR	D30RE	VAV	9"	660	686	660	644	660	655	1314.6
63-4-15	NAILOR	D30RE	VAV	7"	440	446	170	177	265	288	702.8
63-4-16	NAILOR	D30RE	VAV	9"	620	640	165	172	310	312	1134.6
63-4-17	NAILOR	D30RE	VAV	6"	325	340	180	188	195	190	533.9
63-4-18	NAILOR	D30RE	VAV	6"	200	210	150	162	150	155	588.3
63-4-19	NAILOR	D30RE	CAV	9"	730	759	730	725	730	740	1353.9
63-4-20	NAILOR	D30RE	VAV	6"	200	208	200	210	200	206	552.3
63-4-21	NAILOR	D30RE	VAV	9"	805	797	805	792	805	815	1070.0
63-4-22	NAILOR	D30RE	VAV	9"	735	747	165	164	445	453	1071.0
63-4-23	NAILOR	D30RE	VAV	6"	100	98	100	105	100	92	432.4
63-5-01	NAILOR	D30RE	VAV	16"	1600	1668	0	0	1600	1621	3743.2
63-5-02	NAILOR	D30RE	VAV	16"	1860	1875	500	509	1210	1222	3448.9
63-6-01	NAILOR	D30RE	VAV	14"	1500	1533	1000	1020	1000	1032	3005
63-6-02	NAILOR	D30RE	VAV	12"	900	906	0	0	0	0	2052.77

Diffuser Ret/Exh (GRD)

AHU-63/6-6503

Asset									
Asset Name	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design	VEL(1)
R63-1-1	J1	24"X24"	1620		2020		1608	99.3	
R63-1-2	J1	24"X24"	1500		844		1405	93.7	
R63-1-3	J1	24"X24"	1500		1216		1458	97.2	
R63-1-4	J1	24"X12"	75		128		72	96.0	
R63-1-5	J1	24"X12"	200		244		205	102.5	
R63-1-6	J1	24"X12"	150		220		158	105.3	
R63-1-7	J1	24"X12"	300		316		316	105.3	
R63-1-8	J1	24"X12"	50		108		52	104.0	
R63-1-9	J1	24"X12"	75		82		82	109.3	
R63-1-10	J1	24"X12"	400		95		416	104.0	
R63-1-11	J2	24"X24"	1270		1499		1299	102.3	
R63-1-12	J1	24"X12"	75		95		70	93.3	
R63-1-13	J1	24"X12"	400		451		426	106.5	
R63-1-14	J1	24"X12"	75		110		76	101.3	
R63-1-15	J1	24"X12"	75		118		81	108.0	
R63-1-16	J1	24"X12"	200		156		210	105.0	
R63-1-17	J1	12"X24"	140		202		152	108.6	
R63-1-18	J1	24"X12"	120		160		126	105.0	
R63-1-19	J1	24"X12"	120		105		113	94.2	
R63-1-20	J1	12"X24"	90		128		94	104.4	
R63-1-21	J1	24"X12"	120		133		122	101.7	
R63-1-22	J1	24"X12"	120		125		105	87.5	
R63-1-23	J1	24"X12"	120		116		115	95.8	
R63-1-24	J1	24"X12"	120		146		123	102.5	
R63-1-25	J1	12"X24"	90		152		94	104.4	
R63-1-26	J1	24"X12"	120		155		126	105.0	
R63-1-27	J1	12"X24"	90		162		88	97.8	
R63-1-28	J1	24"X12"	120		144		121	100.8	
R63-1-29	J1	12"X24"	90		123		96	106.7	
R63-1-30	J1	24"X12"	425		366		417	98.1	
R63-2-1	J1	24"X12"	75		145		72	96.0	
R63-2-2	J1	24"X24"	1620		1882		1588	98.0	
R63-2-3	J1	24"X24"	1100		1355		1109	100.8	
R63-2-4	J1	24"X24"	1550		1288		1522	98.2	
R63-2-5	J1	24"X24"	1550		1655		1567	101.1	
R63-2-6	J1	24"X12"	650		811		629	96.8	
R63-2-7	J1	24"X12"	135		165		130	96.3	
R63-2-8	J1	24"X12"	100		129		103	103.0	
R63-2-9	J1	24"X12"	100		159		109	109.0	
R63-2-10	J1	24"X12"	175		166		184	105.1	
R63-2-11	J1	24"X12"	100		139		106	106.0	
R63-2-12	J1	24"X12"	370		454		377	101.9	
R63-2-13	J1	24"X12"	100		142		104	104.0	
R63-2-14	H1	8"X12"	100		129		92	92.0	
R63-2-15	J1	24"X24"	1070		1166		1099	102.7	
R63-2-16	J1	24"X12"	100		126		105	105.0	
R63-2-17	J1	24"X12"	100		133		102	102.0	
R63-2-18	J1	24"X12"	100		140		109	109.0	
R63-2-19	J2	24"X12"	225		22		220	97.8	
R63-2-20	J1	24"X12"	200		166		213	106.5	
R63-2-21	J1	24"X12"	100		140		96	96.0	
R63-2-22	J1	24"X24"	1550		1216		1563	100.8	
R63-2-23	J1	24"X12"	105		88		112	106.7	
R63-2-24	J2	24"X24"	1550		1304		1536	99.1	
R63-2-25	J1	24"X12"	150		106		145	96.7	
R63-2-26	J1	24"X24"	1550		1005		1522	98.2	
R63-2-27	J1	24"X12"	110		150		104	94.5	
R63-2-28	J1	24"X12"	100		108		109	109.0	
R63-3-1	J1	24"X12"	120		219		111	92.5	
R63-3-2	J1	24"X24"	825		1014		806	97.7	
R63-3-3	J1	24"X12"	350		387		368	105.1	
R63-3-4	J1	24"X12"	140		291		148	105.7	
R63-3-5	J1	24"X12"	75		172		79	105.3	
R63-3-6	J1	24"X12"	200		347		186	93.0	
R63-3-7	J1	24"X12"	365		409		355	97.3	

R63-3-8	J1	24"X12"	100		321		106	106.0	
R63-3-9	J1	24"X12"	300		316		312	104.0	
R63-3-10	J1	24"X12"	300		498		285	95.0	
R63-3-11	J1	24"X12"	100		241		101	101.0	
R63-3-12	J1	24"X12"	100		230		97	97.0	
R63-3-13	J1	24"X12"	100		46		104	104.0	
R63-3-14	J1	24"X12"	170		321		167	98.2	
R63-3-15	J1	24"X12"	170		303		174	102.4	
R63-3-16	J1	24"X12"	100		178		95	95.0	
R63-3-17	J1	24"X12"	100		197		99	99.0	
R63-3-18	J1	24"X12"	100		104		108	108.0	
R63-3-19	J1	24"X12"	100		169		104	104.0	
R63-3-20	J1	24"X12"	300		220		277	92.3	
R63-3-21	J1	24"x24"	600		201		620	103.3	
R63-3-22	J1	24"X12"	100		304		107	107.0	
R63-3-23	J1	24"X12"	100		290		92	92.0	
R63-3-24	J1	24"X12"	100		216		102	102.0	
R63-3-25	J1	24"X12"	125		200		119	95.2	
R63-3-26	J1	24"X12"	170		205		172	101.2	
R63-3-27	J1	24"X12"	100		19		105	105.0	
R63-3-28	J1	24"X12"	170		205		167	98.2	
R63-3-29	J1	24"X12"	300		260		280	93.3	
R63-3-30	J1	24"X12"	550		629		522	94.9	
R63-3-31	J1	24"X12"	200		240		198	99.0	
R63-3-32	J1	24"x24"	800		705		834	104.3	
R63-3-33	J1	24"X12"	125		150		120	96.0	
R63-3-34	J1	24"X12"	125		162		126	100.8	
R63-3-35	J1	24"X12"	125		174		117	93.6	
R63-3-36	J1	24"X12"	225		255		219	97.3	
R63-3-37	J1	24"X12"	400		462		398	99.5	
R63-3-38	J1	24"X12"	300		321		310	103.3	
R63-3-39	J1	24"x24"	900		1055		926	102.9	
R63-3-40	J2	24"x24"	600		745		587	97.8	
R63-3-41	J2	24"x24"	600		636		597	99.5	
R63-3-42	J1	24"x24"	600		744		583	97.2	
R63-3-43	J1	24"X12"	100		133		105	105.0	
R63-3-44	J1	24"X12"	100		125		109	109.0	
R63-3-45	J1	24"X12"	100		146		95	95.0	
R63-3-46	J1	24"X12"	135		178		129	95.6	
R63-3-47	J1	24"X12"	225		274		234	104.0	
R63-3-48	J2	24"x24"	1100		1326		1065	96.8	
R63-3-49	J2	24"x24"	1100		1244		1009	91.7	
R63-3-50	J1	24"X12"	100		134		105	105.0	
R63-4-1	J1	24"X12"	120		381		107	89.2	
R63-4-2	J1	24"X24"	735		1495		713	97.0	
R63-4-3	J1	24"X12"	115		245		104	90.4	
R63-4-4	J1	24"X12"	75		246		69	92.0	
R63-4-5	J1	24"X12"	100		307		92	92.0	
R63-4-6	J1	24"X12"	100		259		105	105.0	
R63-4-7	J1	24"X12"	325		421		314	96.6	
R63-4-8	J1	24"X12"	220		404		205	93.2	
R63-4-9	J1	24"X24"	620		456		605	97.6	
R63-4-10	J1	24"X12"	220		298		218	99.1	
R63-4-11	J1	24"X12"	220		163		230	104.5	
R63-4-12	J1	24"X24"	830		436		824	99.3	
R63-4-13	J1	24"X12"	100		97		105	105.0	
R63-4-14	J1	24"X12"	220		101		204	92.7	
R63-4-15	J1	24"X12"	100		67		109	109.0	
R63-4-16	J1	24"X12"	100		91		99	99.0	
R63-4-17	J1	24"X12"	100		32		101	101.0	
R63-4-18	J1	24"X12"	350		578		329	94.0	
R63-4-19	J1	24"X12"	115		301		109	94.8	
R63-4-20	J1	24"X12"	175		620		168	96.0	
R63-4-21	J1	24"X12"	100		380		107	107.0	
R63-4-22	J1	24"X12"	100		322		95	95.0	
R63-4-23	J1	24"X12"	100		130		105	105.0	
R63-4-24	J1	24"X12"	100		106		95	95.0	
R63-4-25	J1	24"X12"	100		129		108	108.0	
R63-4-26	J1	24"X12"	100		50		105	105.0	

R63-4-27	J1	24"X24"	830		913		837	100.8	
R63-4-28	J1	24"X12"	100		110		94	94.0	
R63-4-29	J1	24"X12"	100		140		98	98.0	
R63-4-30	J1	24"X12"	100		133		105	105.0	
R63-4-31	J1	24"X12"	115		128		116	100.9	
R63-4-32	J1	24"X12"	100		101		91	91.0	
R63-4-33	J2	24"X12"	195		236		208	106.7	
R63-4-34	J2	24"X24"	1165		958		1212	104.0	
R63-4-35	J2	24"X24"	1165		806		1188	102.0	
R63-4-36	J2	24"X24"	1165		1717		1105	94.8	
R63-6-1	H1	30"X12"	900		1055		922	102.4	
R63-6-2	H1	30"X24"	1500						

Diffuser Supply (GRD)

63-1-01/6-1512

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-01-1	6-1006-1	A1	6"	155	198	153	98.7
63-1-01-2	6-1006-1	A1	6"	155	224	151	97.4
63-1-01-3	6-1006-1	A1	6"	155	203	166	107.1
63-1-01-4	6-1200	A1	6"	155	219	160	103.2
63-1-01-5	6-1200	A1	6"	160	198	169	105.6

63-1-02/2ND FLR CONNECTOR

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-02-1	1ST FLR CONNECTOR	S1	8"	165	225	172	104.2
63-1-02-2	1ST FLR CONNECTOR	S1	8"	165	198	158	95.8
63-1-02-3	1ST FLR CONNECTOR	S1	8"	165	216	162	98.2
63-1-02-4	1ST FLR CONNECTOR	S1	8"	165	205	168	101.8
63-1-02-5	1ST FLR CONNECTOR	S1	8"	165	224	172	104.2
63-1-02-6	1ST FLR CONNECTOR	S1	8"	165	203	177	107.3
63-1-02-7	1ST FLR CONNECTOR	S1	8"	165	198	175	106.1
63-1-02-8	1ST FLR CONNECTOR	S1	8"	165	222	160	97.0
63-1-02-9	1ST FLR CONNECTOR	S1	8"	165	182	152	92.1
63-1-02-10	1ST FLR CONNECTOR	S1	8"	165	200	165	100.0
63-1-02-11	1ST FLR CONNECTOR	S1	8"	160	189	166	103.8
63-1-02-12	1ST FLR CONNECTOR	S1	8"	160	188	155	96.9
63-1-02-13	1ST FLR CONNECTOR	A1	8"	225	224	216	96.0
63-1-02-14	1ST FLR CONNECTOR	A1	8"	225	188	240	106.7

63-1-03/6-1510

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-03-1	6-1002	A1	8"	190	253	197	103.7
63-1-03-2	6-1002	A1	8"	180	220	175	97.2
63-1-03-3	6-1002	A1	8"	180	198	173	96.1
63-1-03-4	6-1002	A1	8"	180	184	185	102.8
63-1-03-5	6-1002	A1	8"	180	166	182	101.1
63-1-03-6	6-1002	S1	10"	200	199	175	87.5
63-1-03-7	6-1002	S1	10"	200	202	198	99.0
63-1-03-8	6-1002	S1	10"	200	153	206	103.0
63-1-03-9	6-1002	S1	10"	200	201	212	106.0
63-1-03-10	6-1002	S1	10"	200	239	198	99.0

63-1-04/6-1004

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-04-1	6-1510	A1	6"	75	163	76	101.3
63-1-04-2	6-1501	A1	6"	75	177	70	93.3
63-1-04-3	6-1507-1	A1	6"	100	177	101	101.0
63-1-04-4	6-1500	A1	8"	200	44	197	98.5
63-1-04-5	6-1500	S1	10"	200	281	206	103.0
63-1-04-6	6-1513	A1	6"	100	163	109	109.0

63-1-05/6-1101

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-05-1	6-1004	A1	6"	135	164	134	99.3
63-1-05-2	6-1004	A1	6"	135	174	130	96.3
63-1-05-3	6-1004	A1	6"	135	164	139	103.0
63-1-05-4	6-1004	A1	6"	135	160	145	107.4
63-1-05-5	6-1004	A2	6"	130	161	127	97.7
63-1-05-6	6-1003	A1	6"	50	102	51	102.0
63-1-05-7	6-1002	A1	6"	75	148	76	101.3

63-1-06/6-1102

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-06-1	6-1101	A1	6"	125	176	137	109.6
63-1-06-2	6-1101	A1	6"	125	143	122	97.6
63-1-06-3	6-1101	A1	6"	125	171	122	97.6
63-1-06-4	6-1102A	A2	6"	75	143	70	93.3

63-1-07/6-1102

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-07-1	6-1103	A1	6"	50	83	48	96.0
63-1-07-2	6-1102	A1	6"	90	90	96	106.7

63-1-08/6-1104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-08-1	6-1104	A1	10"	300	361	303	101.0

63-1-09/6-1512

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-09-1	6-1511	A1	6"	125	124	114	91.2
63-1-09-2	6-1512	A1	6"	120	138	129	107.5

63-1-10/6-1115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-10-1	6-1116	A1	6"	100	206	101	101.0
63-1-10-2	6-1116	A1	6"	80	127	76	95.0
63-1-10-3	6-1114	A1	6"	150	130	148	98.7
63-1-10-4	6-1116	A1	6"	100	148	92	92.0

63-1-11/6-1115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-11-1	6-1115	A1	8"	200	232	197	98.5

63-1-12/6-1110

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-12-1	6-1111	A1	6"	120	238	115	95.8
63-1-12-2	6-1113	A1	6"	120	22	128	106.7

63-1-13/6-1100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-13-1	6-1110	A1	6"	120	145	129	107.5
63-1-13-2	6-1112	A1	6"	120	123	116	96.7

63-1-14/6-1100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-14-1	6-1100	A1	6"	150	242	152	101.3
63-1-14-2	HALL	A1	6"	115	90	109	94.8
63-1-14-3	6-1100	A1	6"	150	226	149	99.3
63-1-14-4	6-1116	A1	6"	115	224	116	100.9

63-1-15/6-1109

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-15-1	6-1108	A1	6"	120	150	119	99.2
63-1-15-2	6-1109	A1	6"	120	140	130	108.3

63-1-16/6-1118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-16-1	6-1106	A1	6"	120	43	125	104.2
63-1-16-2	6-1107	A1	6"	120	285	127	105.8

63-1-17/6-1118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-17-1	6-1118	A1	6"	90	117	96	106.7
63-1-17-2	6-1119	A1	6"	90	108	95	105.6

63-1-18/6-1121

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-18-1	6-1120	A1	6"	90	91	93	103.3
63-1-18-2	6-1121	A1	6"	90	107	87	96.7

63-2-01/6-2008

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-01-1	6-2008	A1	6"	110	201	115	104.5
63-2-01-2	6-2200	A1	8"	225	44	226	100.4
63-2-01-3	6-2008	A1	6"	115	166	112	97.4
63-2-01-4	6-2009	A1	6"	200	204	211	105.5
63-2-01-5	6-2011	A2	6"	50	86	54	108.0
63-2-01-6	6-2008	A1	6"	115	40	121	105.2
63-2-01-7	6-2010	A2	6"	50	184	54	108.0
63-2-01-8	6-2008	A1	6"	115	195	109	94.8

63-2-02/6-2211

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-02-1	6-2203	A1	6"	100	152	108	108.0
63-2-02-2	6-2204	A1	6"	100	136	98	98.0
63-2-02-3	6-2210	A1	6"	100	145	101	101.0
63-2-02-4	6-2211	A1	6"	100	162	94	94.0

63-2-04/6-2001

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-04-1	6-2001	A1	10"	325	422	312	96.0
63-2-04-2	6-2001	A1	10"	325	456	348	107.1

63-2-05/6-2007

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-05-1	6-2007	S3	12"	320	356	313	97.8
63-2-05-2	6-2007	S3	12"	320	299	310	96.9
63-2-05-3	6-2007	S3	12"	320	316	332	103.8
63-2-05-4	6-2007	S3	12"	320	338	335	104.7

63-2-06/6-2100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-06-1	6-2005	A1	6"	150	170	154	102.7
63-2-06-2	6-2006	A1	8"	185	164	188	101.6
63-2-06-3	6-2006	A1	8"	185	183	191	103.2
63-2-06-4	6-2006	A1	8"	185	187	187	101.1
63-2-06-5	6-2006			185	179	176	95.1
63-2-06-6	6-2007	A1	8"	185	204	169	91.4
63-2-06-7	6-2007	A1	8"	185	162	180	97.3
63-2-06-8	6-2107	A1	6"	105	90	106	101.0

63-2-07/6-2100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-07-1	6-2002-1	A1	8"	220	60	224	101.8
63-2-07-2	6-2002-1	A1	8"	220	480	240	109.1
63-2-07-3	6-2002-1	A1	8"	220	480	214	97.3
63-2-07-4	HALL	A1	8"	220	34	205	93.2
63-2-07-5	6-2111	A1	6"	75	32	77	102.7
63-2-07-6	6-2112	A1	6"	150	50	137	91.3
63-2-07-7	6-2102	A1	6"	110	248	111	100.9
63-2-07-8	6-2100	A1	8"	170	469	186	109.4
63-2-07-9	6-2100	A1	8"	170	53	163	95.9

63-2-08/6-2206

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-08-1	6-2206	A1	6"	100	123	102	102.0
63-2-08-2	6-2207	A1	6"	100	128	104	104.0

63-2-09/6-2208

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-09-1	6-2208	A1	8"	175	211	174	99.4

63-2-10/6-2106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-10-1	6-2105	A1	8"	175	263	182	104.0
63-2-10-2	6-2105	A1	8"	175	245	164	93.7
63-2-10-3	6-2105	A1	8"	175	241	165	94.3
63-2-10-4	6-2105	A1	8"	185	279	180	97.3
63-2-10-5	6-2105	A1	8"	175	199	176	100.6

63-2-11/6-2005

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-11-1	6-2106	A1	8"	220	18	207	94.1
63-2-11-2	6-2106	S1	10"	220	233	226	102.7
63-2-11-3	6-2106	A1	8"	220	282	230	104.5
63-2-11-4	6-2501	A1	8"	220	265	235	106.8
63-2-11-5	6-2502	A1	6"	75	34	71	94.7
63-2-11-6	6-2501	S1	10"	220	363	207	94.1

63-2-12/6-2005

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-12-1	6-2005	S1	12"	245	274	264	107.8
63-2-12-2	6-2005	S1	12"	245	289	251	102.4
63-2-12-3	6-2005	S1	12"	245	224	233	95.1
63-2-12-4	6-2005	S1	12"	245	276	251	102.4
63-2-12-5	6-2005	S1	12"	245	237	239	97.6
63-2-12-6	6-2005	S1	12"	245	281	249	101.6
63-2-12-7	6-2005	S1	12"	245	246	247	100.8

63-2-13/6-1002

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-13-1	6-2004	A1	8"	300	305	305	101.7
63-2-13-2	6-2003	S3	12"	450	439	439	97.6
63-2-13-3	6-2003	S3	12"	450	450	450	100.0

63-2-14/6-2105 OFFICE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-14-1	6-2002-1	A1	6"	145		152	104.8
63-2-14-2	6-2002-1	A1	6"	150		158	105.3
63-2-14-3	6-2002-1	A1	6"	150		162	108.0
63-2-14-4	6-2002-1	S2	12"	255		244	95.7
63-2-14-5	6-2002-1	S2	12"	255		265	103.9
63-2-14-6	6-2002-1	S2	12"	255		262	102.7
63-2-14-7	6-2002-1	S2	12"	255		250	98.0
63-2-14-8	6-2002-1	S2	12"	255		244	95.7
63-2-14-9	STAIRWELL	S2	12"	275		292	106.2
63-2-14-10	STAIRWELL	S2	12"	275		269	97.8
63-2-14-11	STAIRWELL	S2	12"	275		284	103.3
63-2-14-12	STAIRWELL	S2	12"	275		288	104.7
63-2-14-13	STAIRWELL	S2	12"	275		274	99.6
63-2-14-14	STAIRWELL	S2	12"	275		280	101.8
63-2-14-15	STAIRWELL	S2	12"	275		286	104.0

63-2-15/6-2105 OFFICE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-15-1	6-2105 OFFICE	A1	6"	100	156	99	99.0

63-2-16/6-2103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-16-1	2ND FLR CONNECTOR	S2	8"	165	107	167	101.2
63-2-16-2	2ND FLR CONNECTOR	S2	8"	165	146	174	105.5
63-2-16-3	2ND FLR CONNECTOR	S2	8"	165	121	160	97.0
63-2-16-4	2ND FLR CONNECTOR	S2	8"	165	117	162	98.2
63-2-16-5	2ND FLR CONNECTOR	S2	8"	165	141	172	104.2
63-2-16-6	2ND FLR CONNECTOR	S2	8"	165	120	171	103.6
63-2-16-7	2ND FLR CONNECTOR	S2	8"	165	88	163	98.8
63-2-16-8	2ND FLR CONNECTOR	S2	8"	165	109	166	100.6
63-2-16-9	2ND FLR CONNECTOR	S2	8"	165	127	175	106.1
63-2-16-10	2ND FLR CONNECTOR	S2	8"	165	127	169	102.4
63-2-16-11	2ND FLR CONNECTOR	S2	8"	160	107	158	98.8
63-2-16-12	2ND FLR CONNECTOR	S2	8"	160	115	164	102.5
63-2-16-13	2ND FLR CONNECTOR	A1	8"	225	119	204	90.7
63-2-16-14	2ND FLR CONNECTOR	A1	8"	225	138	235	104.4

63-2-17/6-2103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-17-1	6-2103	A1	6"	150	163	150	100.0

63-2-18/6-2205

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-18-1	6-2205	P1	10"	300	388	306	102.0

63-2-19/6-2215

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-19-1	6-2213	A1	8"	185	225	187	101.1
63-2-19-2	6-2213	A1	8"	185	220	180	97.3

63-2-20/6-2215

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-30-1	6-2215	A1	6"	100	117	103	103.0
63-2-30-2	6-2215	A1	6"	100	120	93	93.0

63-3-01/6-3103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-01-1	6-3002	A1	8"	165	222	169	102.4
63-3-01-2	6-3201	A1	6"	115	0	122	106.1
63-3-01-3	6-3201	A1	6"	110	0	108	98.2
63-3-01-4	6-3200	A1	8"	165	267	175	106.1
63-3-01-5	6-3003	A2	6"	50	114	52	104.0
63-3-01-6	6-3200	A1	8"	165	283	180	109.1

63-3-02/6-3222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-02-1	6-3103	A1	8"	200	256	207	103.5
63-3-02-2	6-3103	A1	8"	200	272	211	105.5
63-3-02-3	6-3103	A1	8"	200	247	205	102.5
63-3-02-4	6-3103	A1	8"	200	283	209	104.5

63-3-03/6-3222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-03-1	6-3223	A1	10"	300	335	302	100.7
63-3-03-2	6-3223	A1	10"	300	362	308	102.7
63-3-03-3	6-3223	A1	10"	300	348	311	103.7

63-3-04/6-3206 HALL

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-04-1	6-3204	A1	6"	100	118	108	108.0
63-3-04-2	6-3214	A1	6"	100	112	105	105.0
63-3-04-3	6-3216	A1	6"	100	116	102	102.0

63-3-05/6-3206 HALL

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-05-1	6-3207	A1	6"	135	135	140	103.7
63-3-05-2	6-3206	A1	6"	135	152	138	102.2
63-3-05-3	6-3206 HALL	A1	6"	130	220	125	96.2

63-3-06/6-3220

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-06-1	6-3320	A1	10"	300	318	302	100.7
63-3-06-2	6-3320	A1	10"	300	380	325	108.3

63-3-07/6-3224

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-07-1	6-3137	A1	6"	140	185	145	103.6
63-3-07-2	6-3229	A1	6"	120	169	126	105.0
63-3-07-3	6-3224	A2	6"	100	140	104	104.0

63-3-08/6-3225

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-08-1	6-3211	A1	8"	225	187	220	97.8
63-3-08-2	6-3225	A1	6"	125	164	126	100.8

63-3-09/6-3000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-09-1	6-3000-1	S1	10"	185	208	186	100.5
63-3-09-2	6-3000-1	S1	10"	185	209	198	107.0
63-3-09-3	6-3000-1	S1	10"	185	236	194	104.9
63-3-09-4	6-3000-1	S1	10"	185	183	173	93.5
63-3-09-5	6-3000-1	S1	10"	185	160	177	95.7
63-3-09-6	6-3000-1	S1	10"	185	233	179	96.8
63-3-09-7	6-3000-1	S1	10"	185	204	182	98.4
63-3-09-8	6-3000-1	S1	10"	185	258	199	107.6
63-3-09-9	6-3000-1	S1	10"	185	234	198	107.0
63-3-09-10	6-3000-1	S1	10"	185	250	173	93.5

63-3-10/6-3000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-10-1	6-3000-1	A1	8"	160	227	165	103.1
63-3-10-2	6-3001	A2	6"	50	94	52	104.0
63-3-10-3	6-3000-1	A1	8"	160	164	170	106.3
63-3-10-4	6-3000-1	A1	8"	160	195	161	100.6

63-3-11/6-3205

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-11-1	6-3205	A1	10"	300	196	311	103.7
63-3-11-2	6-3205	A1	10"	300	250	309	103.0

63-3-12/6-3126

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-12-1	6-3206 OFFICE	A1	10"	300	323	308	102.7
63-3-12-2	6-3206 OFFICE	A1	10"	300	346	318	106.0

63-3-13/6-3203

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-13-1	6-3129	A1	6"	100	138	98	98.0
63-3-13-2	6-3131	A1	6"	100	145	95	95.0
63-3-13-3	6-3125	A1	6"	100	162	105	105.0
63-3-13-4	6-3126	A1	6"	100	140	101	101.0

63-3-14/6-3203

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-14-1	6-3133	A1	6"	120	141	123	102.5
63-3-14-2	6-3203	A1	6"	135	159	139	103.0
63-3-14-3	6-3202	A2	6"	45	71	49	108.9
63-3-14-4	6-3228	A1	6"	125	110	121	96.8

63-3-15/6-3104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-15-1	6-3104	A1	8"	200	244	195	97.5

63-3-16/6-3121

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-16-1	6-3121	A1	8"	170	223	178	104.7
63-3-16-2	6-3136	A1	6"	90	118	92	102.2
63-3-16-3	6-3135-1	A1	6"	90	120	98	108.9

63-3-17/6-3112

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-17-1	6-3113	A1	6"	100	143	106	106.0
63-3-17-2	6-3117	A1	6"	100	144	104	104.0
63-3-17-3	6-3112	A1	6"	100	156	101	101.0
63-3-17-4	6-3116	A1	6"	100	150	103	103.0

63-3-18/6-3114

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-18-1	6-3118	A1	6"	75	115	72	96.0
63-3-18-2	6-3137	A1	6"	125	250	130	104.0
63-3-18-3	6-3122	A1	6"	50	75	52	104.0
63-3-18-4	6-3127	A1	6"	50	66	54	108.0
63-3-18-5	6-3114	A1	6"	140	105	148	105.7
63-3-18-6	6-3135-A	A1	6"	110	112	108	98.2
63-3-18-7	6-3135-2	A1	6"	105	77	105	100.0

63-3-19/6-3123

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-19-1	6-3123	A1	8"	200	229	206	103.0

63-3-20/6-3505

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-20-1	6-3502	A2	6"	50	134	52	104.0
63-3-20-2	6-3503	A2	6"	50	102	54	108.0
63-3-20-3	6-3135-1	A1	8"	185	227	187	101.1
63-3-20-4	6-3505	A1	6"	120	118	126	105.0
63-3-20-5	6-3501	S1	10"	220	266	213	96.8
63-3-20-6	6-3501	A1	8"	180	293	184	102.2

63-3-21/6-3106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-21-1	6-3105	A1	8"	275	315	269	97.8
63-3-21-2	6-3105	A1	8"	275	303	280	101.8

63-3-22/6-3106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-22-1	6-3106	A1	10"	300	330	309	103.0
63-3-22-2	6-3107	A1	10"	300	316	299	99.7

63-3-23/6-3504

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-23-1	6-3504	A1	8"	165	225	170	103.0
63-3-23-2	6-3504	A1	8"	165	242	168	101.8
63-3-23-3	6-3504	S1	10"	165	265	172	104.2
63-3-23-4	6-3504	S1	10"	165	218	165	100.0
63-3-23-5	6-3504	S1	10"	165	240	177	107.3

63-3-25/6-3110

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-251	6-3110	A1	12"	365	516	377	103.3

63-3-26/6-3115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-26-1	6-3102	A1	6"	100	139	109	109.0
63-3-26-2	6-3119	A1	6"	100	134	106	106.0
63-3-26-3	6-3115	A1	6"	100	140	107	107.0
63-3-26-4	6-3111	A1	6"	100	146	102	102.0

63-3-28/6-3120

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-28-1	6-3124	A1	6"	125	116	126	100.8
63-3-28-2	6-3120	A1	8"	170	147	188	110.6

63-3-29/6-3209

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-29-1	6-3209	A1	6"	125	145	130	104.0
63-3-29-2	6-3210	A1	6"	125	137	126	100.8

63-3-24/6-3109

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-34-1	6-3108	A1	10"	300	326	308	102.7
63-3-34-2	6-3109	A1	10"	300	327	303	101.0

63-3-27/6-3101

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-37-1	6-3128	A1	8"	170	258	172	101.2
63-3-37-2	6-3101	A1	8"	170	260	178	104.7
63-3-37-3	HALL	A1	6"	145	105	150	103.4

63-4-01/6-4210

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-01-1	6-4001	A1	6"	120	72	122	101.7
63-4-01-2	6-4210	A1	8"	195	215	191	97.9
63-4-01-3	6-4001	A1	6"	120	125	129	107.5
63-4-01-4	6-4001	A1	6"	120	128	121	100.8
63-4-01-5	6-4003	A2	6"	50	113	48	96.0
63-4-01-6	6-4001	A1	6"	135	121	125	92.6

63-4-02/6-4222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-02-1	6-4220	A1	6"	100	117	104	104.0
63-4-02-2	6-4222	A1	6"	100	125	109	109.0

63-4-03/6-4212

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-03-1	6-4212	A1	8"	160	195	164	102.5

63-4-04/6-4000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-04-1	6-4000-2	S1	8	185	156	168	90.8
63-4-04-2	6-4000-2	S1	8	185	153	201	108.6
63-4-04-3	6-4000-2	S1	8	185	169	182	98.4
63-4-04-4	6-4000-2	S1	8	185	208	169	91.4
63-4-04-5	6-4000-2	S1	8	185	187	194	104.9
63-4-04-6	6-4000-2	S1	8	185	231	196	105.9
63-4-04-7	6-4000-2	S1	8	185	234	201	108.6
63-4-04-8	6-4000-2	S1	8	185	186	191	103.2
63-4-04-9	6-4000-2	S1	8	185	235	189	102.2
63-4-04-10	6-4000-2	S1	8	185	192	184	99.5

63-4-05/6-4213

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-05-1	6-4000-2	A1	8"	210	217	216	102.9
63-4-05-2	6-4000-2	A1	8"	205	230	209	102.0

63-4-06/6-4213

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-06-1	6-4200-2	A1	8"	150	165	152	101.3
63-4-06-2	6-4213	A1	8"	205	268	210	102.4
63-4-06-3	6-4213	A1	8"	205	265	217	105.9
63-4-06-4	6-4213	A1	8"	210	312	211	100.5
63-4-06-5	6-4231	A1	6"	145	0	146	100.7

63-4-07/6-4119

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-07-1	6-4119	A1	6"	100	137	101	101.0
63-4-07-2	6-4203	A1	6"	100	114	104	104.0
63-4-07-3	6-4204	A1	6"	115	114	111	96.5

63-4-08/6-4206

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-08-1	6-4120	A1	6"	100	112	109	109.0
63-4-08-2	6-4121	A1	6"	100	118	105	105.0
63-4-08-3	6-4205	A1	6"	100	124	106	106.0
63-4-08-4	6-4206	A1	6"	100	108	108	108.0

63-4-09/6-4209

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-09-1	6-4122	A1	6"	100	124	105	105.0
63-4-09-2	6-4207	A1	6"	100	125	106	106.0
63-4-09-3	6-4208	A1	6"	100	116	99	99.0
63-4-09-4	6-4209	A1	6"	100	108	110	110.0

63-4-10/6-4123

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-10-1	6-4123	A1	8"	175	211	179	102.3

63-4-11/6-4000-3

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-11-1	6-4000-3	S1	12"	245	256	253	103.3
63-4-11-2	6-4000-3	S1	12"	245	271	247	100.8
63-4-11-3	6-4000-3	S1	12"	245	249	256	104.5
63-4-11-4	6-4000-3	S1	12"	245	305	262	106.9
63-4-11-5	6-4000-3	S1	12"	245	281	237	96.7
63-4-11-6	6-4000-3	S1	12"	245	235	249	101.6
63-4-11-7	6-4000-3	S1	12"	245	224	231	94.3

63-4-12/6-4104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-12-1	6-4102	A1	8"	220	242	217	98.6
63-4-12-2	6-4100-2	A1	8"	200	206	204	102.0
63-4-12-3	6-4104	A1	8"	220	256	229	104.1

63-4-13/6-4103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-13-1	6-4110	A1	6"	100	109	98	98.0
63-4-13-2	6-4109	A1	6"	100	121	95	95.0
63-4-13-3	6-4103	A1	6"	100	153	103	103.0

63-4-14/6-4111

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-14-1	6-4100-2	A1	8"	130	165	132	101.5
63-4-14-2	6-4111	A1	8"	200	225	205	102.5
63-4-14-3	6-4111	A1	8"	200	240	211	105.5
63-4-14-4	6-4101-1	A1	8"	130	150	138	106.2

63-4-15/6-4106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-15-1	6-4105	A1	8"	220	270	217	98.6
63-4-15-2	6-4106	A1	8"	220	256	229	104.1

63-4-16/6-4107

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-16-1	6-4112	A1	8"	210	258	215	102.4
63-4-16-2	6-4112	A1	8"	205	262	209	102.0
63-4-16-3	6-4112	A1	8"	205	220	216	105.4

63-4-17/6-4107

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-17-1	6-4107	A1	8"	165	325	172	104.2
63-4-17-2	6-4107	A1	8"	160	44	168	105.0

63-4-18/6-4116

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-18-1	6-4113	A1	6"	100	131	106	106.0
63-4-18-2	6-4114	A1	6"	100	129	104	104.0

63-4-19/6-4116

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-19-1	6-4126	A1	6"	50	109	52	104.0
63-4-19-2	6-4101-2	A1	6"	150	146	158	105.3
63-4-19-3	6-4117	A1	6"	75	115	74	98.7
63-4-19-4	6-4100-1	A1	8"	200	184	209	104.5
63-4-19-5	6-4116	A1	6"	115	157	120	104.3
63-4-19-6	6-4100-3	A1	6"	90	99	92	102.2
63-4-19-7	6-4108	A2	6"	50	108	54	108.0

63-4-20/6-4125

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-20-1	6-4125	A1	8"	200	262	208	104.0

63-4-21/6-4505

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-21-1	6-4502	A2	6"	50	124	50	100.0
63-4-21-2	6-4503	A2	6"	50	130	46	92.0
63-4-21-3	HALL	A1	8"	185	315	175	94.6
63-4-21-4	6-4505	A1	6"	120	151	122	101.7
63-4-21-5	ELEV LOBBY	S1	10"	220	46	223	101.4
63-4-21-6	HALL	A1	8"	180	48	181	100.6

63-4-22/6-4118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-22-1	6-4504	S1	10"	185	194	175	94.6
63-4-22-2	6-4504	A1	8"	180	129	186	103.3
63-4-22-3	6-4504	A1	8"	185	179	192	103.8
63-4-22-4	6-4504	S1	10"	185	178	194	104.9

63-4-23/6-4118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-23-1	6-4118	A1	6"	100	98	98	98.0

63-5-01/5TH FLR WEST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-5-01-1	5TH FLR NORTH	F1	24"X10"	400	492	421	105.3
63-5-01-2	5TH FLR NORTH	F1	24"X10"	400	487	409	102.3
63-5-01-3	5TH FLR NORTH	F1	24"X10"	400	521	414	103.5
63-5-01-4	5TH FLR NORTH	F1	24"X10"	400	501	424	106.0

63-5-02/5TH FLR WEST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-5-02-1	6-5000-1	S1	10"	185	178	180	97.3
63-5-02-2	6-5000-1	S1	10"	185	220	201	108.6
63-5-02-3	6-5000-1	S1	10"	185	235	199	107.6
63-5-02-4	6-5000-1	S1	10"	185	186	192	103.8
63-5-02-5	6-5000-1	S1	10"	185	226	189	102.2
63-5-02-6	6-5000-1	S1	10"	185	218	180	97.3
63-5-02-7	6-5000-1	S1	10"	185	231	200	108.1
63-5-02-8	6-5000-1	S1	10"	185	227	172	93.0
63-5-02-9	6-5000-1	S1	10"	185	161	183	98.9
63-5-02-10	6-5000-1	S1	10"	185	238	179	96.8

63-6-01/6TH FLR SOUTHEAST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-6-01-1	MECH RM	F1	16"X10"	500	549	498	99.6
63-6-01-2	MECH RM	F1	16"X10"	500	601	521	104.2
63-6-01-3	MECH RM	F1	16"X10"	500	571	514	102.8

63-1-19/6-1319

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-1122	A1	6"	90	134	88	97.8
SGRD2	6-1123	A1	6"	50	11	50	100.0

63-2-03/6-2212

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-2201-2	A1	6"	65	102	64	98.5
SGRD2	6-2201-2	A1	6"	65	74	59	90.8
SGRD3	6-2212	A1	8"	205	223	211	102.9
SGRD4	6-2212	A1	8"	205	241	199	97.1
SGRD5	6-2212	A1	8"	200	227	208	104.0
SGRD6	6-2202-2	A1	6"	65	103	64	98.5
SGRD7	6-2300-1	A1	6"	65	108	63	96.9

63-6-02/6-6503

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-6503	F1	24"X12"	900	911	906	100.7

Completed By: Tyler Youells on 11/14/2022



Comfort. Under control.

National TAB

Project: Dayton Children's Hospital (Dayton, OH)

System/Unit: AHU-DUAL FAN

Asset: AHU-63

AREA:6-6503

UNIT DATA - SUPPLY		
	Design	Actual
Manufacturer	TRANE	TRANE
Model Number	NA	TCPA0AD29C4M3322S0209
Serial Number	-	M21J00093
No. Pre-Filters / Size (1)	-	45, 24"X24"X2"
No. Final Filters / Size (1)	-	45, 24"X24"X2"

MOTOR DATA - SUPPLY		
	Design	Actual
Motor MFG / Frame	-	BALDOR / 256
Horsepower / RPM	-	30 / 1800
Rated Volts / Phase	-	460 / 3
Rated Amperage / SF	-	38 / 1.15

DRIVE DATA - SUPPLY		
	Design	Actual

TEST DATA - SUPPLY		
	Design	Actual
Total CFM	85000 / 64480	65522 (connected)
OA CFM	16120	14876
VFD Speed	77.0hz / 56hz	56.2 HZ
RL Voltage	460	318 VFD
RL Amperage	-	17.1 VFD

PERFORMANCE DATA - SUPPLY		
	Design	Actual
Static Pressure Stpt	-	2.2"
Suction S.P.	-	1.24"
Discharge S.P.	-	1.38"
Total S.P.	-	2.64"
Chilled Water Coil P.D.	0.62	0.37"
Pre Heat Coil P.D.	0.10	0.08"
Final Filters P.D.	0.39	NOT INSTALLED
Pre-Filters P.D.	0.23	0.42"
Total ESP	4.0"	3.4"

UNIT DATA - EXHAUST/RETURN		
	Design	Actual

MOTOR DATA - EXHAUST/RETURN		
	Design	Actual
Motor MFG / FRAME	-	BALDOR / 256
Horsepower / RPM	-	10 / 1180
Rated Volts / Phase	-	460 / 3
Rated Amperage / SF	-	14.1 / 1.15

DRIVE DATA - EXHAUST/RETURN		
	Design	Actual

TEST DATA - EXHAUST/RETURN		
	Design	Actual
Total CFM	80000 / 50450	50125 (connected)
VFD Speed	67hz / 56hz	55.8 HZ
RL Voltage	-	301 VFD
RL Amperage	-	8.9 VFD

PERFORMANCE DATA - EXHAUST/RETURN		
	Design	Actual
Static Pressure Stpt	-	1.25"
Suction S.P.	-	2.02"
Discharge S.P.	-	0.12"
Total S.P.	3.150"	2.14"

Completed By: Nick Payne on 12/22/2022

Notes: Flow Station K Factors Supply 0.825 Return 0.715 OA Min 1.715 OA Econ 1.317

Date: 12/23/2022



Comfort. Under control.

National TAB

Project: Dayton Children's Hospital (Dayton, OH)

AHU-DUAL FAN

VAV - Single Duct

Asset											
Asset Name	MFG	Model Num	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
63-1-01	NAILOR	D30RE	VAV	9"	780	799	780	784	515	521	1544.9
63-1-02	NAILOR	D30RE	CAV	24"	2420	2438	2420	2408	2180	2195	6314
63-1-03	NAILOR	D30RE	VAV	16"	1890	1901	1890	1891	945	956	3230.9
63-1-04	NAILOR	D30RE	VAV	9"	750	759	750	751	715	720	1537.9
63-1-05	NAILOR	D30RE	VAV	9"	795	802	795	797	760	768	1560.8
63-1-06	NAILOR	D30RE	VAV	7"	450	451	140	142	225	231	924.1
63-1-07	NAILOR	D30RE	VAV	6"	140	144	70	74	140	141	556.4
63-1-08	NAILOR	D30RE	VAV	6"	300	303	70	72	150	149	529.4
63-1-09	NAILOR	D30RE	VAV	6"	245	243	70	72	125	129	484.6
63-1-10	NAILOR	D30RE	VAV	7"	430	417	410	409	410	413	933.4
63-1-11	NAILOR	D30RE	VAV	6"	200	197	125	132	125	127	527.6
63-1-12	NAILOR	D30RE	VAV	6"	240	243	160	162	160	158	516.0
63-1-13	NAILOR	D30RE	VAV	6"	240	245	170	174	170	165	504.2
63-1-14	NAILOR	D30RE	VAV	7"	530	526	465	459	465	471	965.9
63-1-15	NAILOR	D30RE	VAV	6"	240	249	160	162	160	158	552.6
63-1-16	NAILOR	D30RE	VAV	6"	240	252	160	164	160	163	612.2
63-1-17	NAILOR	D30RE	VAV	6"	180	191	65	71	90	92	569.1
63-1-18	NAILOR	D30RE	VAV	6"	180	180	100	102	100	101	501.2
63-1-19	NAILOR	D30RE	VAV	6"	140	138	80	82	80	81	477.6
63-2-01	NAILOR	D30RE	VAV	12"	980	1002	615	621	615	621	2081.7
63-2-02	NAILOR	D30RE	VAV	7"	400	401	300	304	300	304	966.3
63-2-03	NAILOR	D30RE	VAV	9"	870	868	770	760	770	760	1477.3
63-2-04	NAILOR	D30RE	VAV	9"	650	660	650	647	650	643	1574.8
63-2-05	NAILOR	D30RE	VAV	14"	1280	1290	400	406	835	835	2639.2
63-2-06	NAILOR	D30RE	VAV	12"	1180	1351	350	360	590	596	1867.3
63-2-07	NAILOR	D30RE	VAV	14"	1555	1557	445	451	780	775	3007.9
63-2-08	NAILOR	D30RE	VAV	6"	200	206	150	154	150	154	487.9
63-2-09	NAILOR	D30RE	VAV	6"	175	174	165	167	165	169	512.6
63-2-10	NAILOR	D30RE	VAV	9"	885	867	605	601	605	601	1622.6
63-2-11	NAILOR	D30RE	VAV	12"	1175	1176	400	409	765	771	2091.8
63-2-12	NAILOR	D30RE	VAV	14"	1715	1734	400	406	1115	1184	2697.2
63-2-13	NAILOR	D30RE	VAV	12"	1200	1194	300	312	600	592	2151.7
63-2-14	NAILOR	D30RE	VAV	24"	3500	3710	1000	1022	2275	2288	7488
63-2-15	NAILOR	D30RE	VAV	6"	100	99	70	69	100	99	629.8
63-2-16	NAILOR	D30RE	VAV	24"	2420	2440	1105	1115	2180	2204	5720
63-2-17	NAILOR	D30RE	VAV	6"	150	150	70	74	75	74	492.7
63-2-18	NAILOR	D30RE	VAV	6"	300	306	300	319	300	310	909.5
63-2-19	NAILOR	D30RE	VAV	7"	370	367	100	108	185	188	978.1
63-2-20	NAILOR	D30RE	VAV	3"	200	196	150	153	150	153	535.2
63-3-01	NAILOR	D30RE	VAV	10"	770	806	510	512	510	518	1381.8
63-3-02	NAILOR	D30RE	VAV	10"	800	832	510	517	510	522	1537.6
63-3-03	NAILOR	D30RE	VAV	12"	900	921	290	298	450	456	2131.3
63-3-04	NAILOR	D30RE	VAV	6"	300	315	225	230	225	237	525.4
63-3-05	NAILOR	D30RE	VAV	8"	400	403	125	130	200	208	986.4
63-3-06	NAILOR	D30RE	VAV	8"	600	627	290	313	300	305	935.6
63-3-07	NAILOR	D30RE	VAV	6"	360	375	360	362	360	370	667.6
63-3-08	NAILOR	D30RE	VAV	6"	350	346	70	72	175	180	474.2
63-3-09	NAILOR	D30RE	VAV	16"	1860	1859	450	461	1210	1224	3525.9
63-3-10	NAILOR	D30RE	VAV	8"	530	548	170	177	265	272	940.2
63-3-11	NAILOR	D30RE	VAV	8"	600	620	290	293	300	319	901.6
63-3-12	NAILOR	D30RE	VAV	8"	600	626	225	230	300	303	988.1
63-3-13	NAILOR	D30RE	VAV	8"	400	399	320	313	320	327	1019.2
63-3-14	NAILOR	D30RE	VAV	8"	425	432	425	427	425	420	917.4
63-3-15	NAILOR	D30RE	VAV	6"	200	195	70	72	100	101	560.0
63-3-16	NAILOR	D30RE	VAV	6"	350	368	350	368	350	362	547.1
63-3-17	NAILOR	D30RE	VAV	8"	400	414	320	322	320	329	964.9
63-3-18	NAILOR	D30RE	VAV	10"	655	669	655	660	655	649	1437.6
63-3-19	NAILOR	D30RE	VAV	6"	200	206	190	199	190	194	522.9
63-3-20	NAILOR	D30RE	VAV	10"	805	816	805	822	805	801	1648.34
63-3-21	NAILOR	D30RE	VAV	8"	550	549	125	130	330	333	913.3
63-3-22	NAILOR	D30RE	VAV	8"	600	608	125	130	360	368	947.6
63-3-23	NAILOR	D30RE	VAV	10"	825	852	225	230	495	487	1630.2
63-3-24	NAILOR	D30RE	VAV	8"	600	611	125	130	360	372	943.3
63-3-25	NAILOR	D30RE	VAV	8"	365	377	125	130	220	228	929.3
63-3-26	NAILOR	D30RE	VAV	8"	400	424	320	333	320	311	927.4

63-3-27	NAILOR	D30RE	VAV	8"	485	500	485	492	485	499	919.8
63-3-28	NAILOR	D30RE	VAV	6"	295	314	75	78	150	159	504.3
63-3-29	NAILOR	D30RE	VAV	6"	250	256	75	78	125	130	487.1
63-4-01	NAILOR	D30RE	VAV	9"	740	736	550	549	550	561	1210.2
63-4-02	NAILOR	D30RE	VAV	6"	200	213	150	155	150	148	562.7
63-4-03	NAILOR	D30RE	VAV	6"	160	164	65	66	80	82	502.3
63-4-04	NAILOR	D30RE	VAV	16"	1860	1875	430	436	1210	1218	3189.6
63-4-05	NAILOR	D30RE	VAV	7"	415	425	160	169	210	213	702.3
63-4-06	NAILOR	D30RE	VAV	12"	915	936	915	920	915	909	2183.5
63-4-07	NAILOR	D30RE	VAV	7"	315	316	240	237	240	242	759.6
63-4-08	NAILOR	D30RE	VAV	7"	400	428	300	317	300	310	723.5
63-4-09	NAILOR	D30RE	VAV	7"	400	420	300	313	300	310	734.0
63-4-10	NAILOR	D30RE	VAV	6"	175	179	165	170	165	161	575.6
63-4-11	NAILOR	D30RE	VAV	14"	1715	1735	360	372	1115	1142	2738.6
63-4-12	NAILOR	D30RE	VAV	9"	640	650	235	242	420	427	1236.3
63-4-13	NAILOR	D30RE	VAV	6"	300	296	225	230	225	231	520.8
63-4-14	NAILOR	D30RE	VAV	9"	660	686	660	644	660	655	1314.6
63-4-15	NAILOR	D30RE	VAV	7"	440	446	170	177	265	288	702.8
63-4-16	NAILOR	D30RE	VAV	9"	620	640	165	172	310	312	1134.6
63-4-17	NAILOR	D30RE	VAV	6"	325	340	180	188	195	190	533.9
63-4-18	NAILOR	D30RE	VAV	6"	200	210	150	162	150	155	588.3
63-4-19	NAILOR	D30RE	CAV	9"	730	759	730	725	730	740	1353.9
63-4-20	NAILOR	D30RE	VAV	6"	200	208	200	210	200	206	552.3
63-4-21	NAILOR	D30RE	VAV	9"	805	797	805	792	805	815	1070.0
63-4-22	NAILOR	D30RE	VAV	9"	735	747	165	164	445	453	1071.0
63-4-23	NAILOR	D30RE	VAV	6"	100	98	100	105	100	92	432.4
63-5-01	NAILOR	D30RE	VAV	16"	1600	1668	0	0	1600	1621	3743.2
63-5-02	NAILOR	D30RE	VAV	16"	1860	1875	500	509	1210	1222	3448.9
63-6-01	NAILOR	D30RE	VAV	14"	1500	1533	1000	1020	1000	1032	3005
63-6-02	NAILOR	D30RE	VAV	12"	900	906	0	0	0	0	2052.77

Diffuser Ret/Exh (GRD)

AHU-63/6-6503

Asset									
Asset Name	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design	VEL(1)
R63-1-1	J1	24"X24"	1620		2020		1608	99.3	
R63-1-2	J1	24"X24"	1500		844		1405	93.7	
R63-1-3	J1	24"X24"	1500		1216		1458	97.2	
R63-1-4	J1	24"X12"	75		128		72	96.0	
R63-1-5	J1	24"X12"	200		244		205	102.5	
R63-1-6	J1	24"X12"	150		220		158	105.3	
R63-1-7	J1	24"X12"	300		316		316	105.3	
R63-1-8	J1	24"X12"	50		108		52	104.0	
R63-1-9	J1	24"X12"	75		82		82	109.3	
R63-1-10	J1	24"X12"	400		95		416	104.0	
R63-1-11	J2	24"X24"	1270		1499		1299	102.3	
R63-1-12	J1	24"X12"	75		95		70	93.3	
R63-1-13	J1	24"X12"	400		451		426	106.5	
R63-1-14	J1	24"X12"	75		110		76	101.3	
R63-1-15	J1	24"X12"	75		118		81	108.0	
R63-1-16	J1	24"X12"	200		156		210	105.0	
R63-1-17	J1	12"X24"	140		202		152	108.6	
R63-1-18	J1	24"X12"	120		160		126	105.0	
R63-1-19	J1	24"X12"	120		105		113	94.2	
R63-1-20	J1	12"X24"	90		128		94	104.4	
R63-1-21	J1	24"X12"	120		133		122	101.7	
R63-1-22	J1	24"X12"	120		125		105	87.5	
R63-1-23	J1	24"X12"	120		116		115	95.8	
R63-1-24	J1	24"X12"	120		146		123	102.5	
R63-1-25	J1	12"X24"	90		152		94	104.4	
R63-1-26	J1	24"X12"	120		155		126	105.0	
R63-1-27	J1	12"X24"	90		162		88	97.8	
R63-1-28	J1	24"X12"	120		144		121	100.8	
R63-1-29	J1	12"X24"	90		123		96	106.7	
R63-1-30	J1	24"X12"	425		366		417	98.1	
R63-2-1	J1	24"X12"	75		145		72	96.0	
R63-2-2	J1	24"X24"	1620		1882		1588	98.0	
R63-2-3	J1	24"X24"	1100		1355		1109	100.8	
R63-2-4	J1	24"X24"	1550		1288		1522	98.2	
R63-2-5	J1	24"X24"	1550		1655		1567	101.1	
R63-2-6	J1	24"X12"	650		811		629	96.8	
R63-2-7	J1	24"X12"	135		165		130	96.3	
R63-2-8	J1	24"X12"	100		129		103	103.0	
R63-2-9	J1	24"X12"	100		159		109	109.0	
R63-2-10	J1	24"X12"	175		166		184	105.1	
R63-2-11	J1	24"X12"	100		139		106	106.0	
R63-2-12	J1	24"X12"	370		454		377	101.9	
R63-2-13	J1	24"X12"	100		142		104	104.0	
R63-2-14	H1	8"X12"	100		129		92	92.0	
R63-2-15	J1	24"X24"	1070		1166		1099	102.7	
R63-2-16	J1	24"X12"	100		126		105	105.0	
R63-2-17	J1	24"X12"	100		133		102	102.0	
R63-2-18	J1	24"X12"	100		140		109	109.0	
R63-2-19	J2	24"X12"	225		22		220	97.8	
R63-2-20	J1	24"X12"	200		166		213	106.5	
R63-2-21	J1	24"X12"	100		140		96	96.0	
R63-2-22	J1	24"X24"	1550		1216		1563	100.8	
R63-2-23	J1	24"X12"	105		88		112	106.7	
R63-2-24	J2	24"X24"	1550		1304		1536	99.1	
R63-2-25	J1	24"X12"	150		106		145	96.7	
R63-2-26	J1	24"X24"	1550		1005		1522	98.2	
R63-2-27	J1	24"X12"	110		150		104	94.5	
R63-2-28	J1	24"X12"	100		108		109	109.0	
R63-3-1	J1	24"X12"	120		219		111	92.5	
R63-3-2	J1	24"X24"	825		1014		806	97.7	
R63-3-3	J1	24"X12"	350		387		368	105.1	
R63-3-4	J1	24"X12"	140		291		148	105.7	
R63-3-5	J1	24"X12"	75		172		79	105.3	
R63-3-6	J1	24"X12"	200		347		186	93.0	
R63-3-7	J1	24"X12"	365		409		355	97.3	

R63-3-8	J1	24"X12"	100		321		106	106.0	
R63-3-9	J1	24"X12"	300		316		312	104.0	
R63-3-10	J1	24"X12"	300		498		285	95.0	
R63-3-11	J1	24"X12"	100		241		101	101.0	
R63-3-12	J1	24"X12"	100		230		97	97.0	
R63-3-13	J1	24"X12"	100		46		104	104.0	
R63-3-14	J1	24"X12"	170		321		167	98.2	
R63-3-15	J1	24"X12"	170		303		174	102.4	
R63-3-16	J1	24"X12"	100		178		95	95.0	
R63-3-17	J1	24"X12"	100		197		99	99.0	
R63-3-18	J1	24"X12"	100		104		108	108.0	
R63-3-19	J1	24"X12"	100		169		104	104.0	
R63-3-20	J1	24"X12"	300		220		277	92.3	
R63-3-21	J1	24"x24"	600		201		620	103.3	
R63-3-22	J1	24"X12"	100		304		107	107.0	
R63-3-23	J1	24"X12"	100		290		92	92.0	
R63-3-24	J1	24"X12"	100		216		102	102.0	
R63-3-25	J1	24"X12"	125		200		119	95.2	
R63-3-26	J1	24"X12"	170		205		172	101.2	
R63-3-27	J1	24"X12"	100		19		105	105.0	
R63-3-28	J1	24"X12"	170		205		167	98.2	
R63-3-29	J1	24"X12"	300		260		280	93.3	
R63-3-30	J1	24"X12"	550		629		522	94.9	
R63-3-31	J1	24"X12"	200		240		198	99.0	
R63-3-32	J1	24"x24"	800		705		834	104.3	
R63-3-33	J1	24"X12"	125		150		120	96.0	
R63-3-34	J1	24"X12"	125		162		126	100.8	
R63-3-35	J1	24"X12"	125		174		117	93.6	
R63-3-36	J1	24"X12"	225		255		219	97.3	
R63-3-37	J1	24"X12"	400		462		398	99.5	
R63-3-38	J1	24"X12"	300		321		310	103.3	
R63-3-39	J1	24"x24"	900		1055		926	102.9	
R63-3-40	J2	24"x24"	600		745		587	97.8	
R63-3-41	J2	24"x24"	600		636		597	99.5	
R63-3-42	J1	24"x24"	600		744		583	97.2	
R63-3-43	J1	24"X12"	100		133		105	105.0	
R63-3-44	J1	24"X12"	100		125		109	109.0	
R63-3-45	J1	24"X12"	100		146		95	95.0	
R63-3-46	J1	24"X12"	135		178		129	95.6	
R63-3-47	J1	24"X12"	225		274		234	104.0	
R63-3-48	J2	24"x24"	1100		1326		1065	96.8	
R63-3-49	J2	24"x24"	1100		1244		1009	91.7	
R63-3-50	J1	24"X12"	100		134		105	105.0	
R63-4-1	J1	24"X12"	120		381		107	89.2	
R63-4-2	J1	24"X24"	735		1495		713	97.0	
R63-4-3	J1	24"X12"	115		245		104	90.4	
R63-4-4	J1	24"X12"	75		246		69	92.0	
R63-4-5	J1	24"X12"	100		307		92	92.0	
R63-4-6	J1	24"X12"	100		259		105	105.0	
R63-4-7	J1	24"X12"	325		421		314	96.6	
R63-4-8	J1	24"X12"	220		404		205	93.2	
R63-4-9	J1	24"X24"	620		456		605	97.6	
R63-4-10	J1	24"X12"	220		298		218	99.1	
R63-4-11	J1	24"X12"	220		163		230	104.5	
R63-4-12	J1	24"X24"	830		436		824	99.3	
R63-4-13	J1	24"X12"	100		97		105	105.0	
R63-4-14	J1	24"X12"	220		101		204	92.7	
R63-4-15	J1	24"X12"	100		67		109	109.0	
R63-4-16	J1	24"X12"	100		91		99	99.0	
R63-4-17	J1	24"X12"	100		32		101	101.0	
R63-4-18	J1	24"X12"	350		578		329	94.0	
R63-4-19	J1	24"X12"	115		301		109	94.8	
R63-4-20	J1	24"X12"	175		620		168	96.0	
R63-4-21	J1	24"X12"	100		380		107	107.0	
R63-4-22	J1	24"X12"	100		322		95	95.0	
R63-4-23	J1	24"X12"	100		130		105	105.0	
R63-4-24	J1	24"X12"	100		106		95	95.0	
R63-4-25	J1	24"X12"	100		129		108	108.0	
R63-4-26	J1	24"X12"	100		50		105	105.0	

R63-4-27	J1	24"X24"	830		913		837	100.8	
R63-4-28	J1	24"X12"	100		110		94	94.0	
R63-4-29	J1	24"X12"	100		140		98	98.0	
R63-4-30	J1	24"X12"	100		133		105	105.0	
R63-4-31	J1	24"X12"	115		128		116	100.9	
R63-4-32	J1	24"X12"	100		101		91	91.0	
R63-4-33	J2	24"X12"	195		236		208	106.7	
R63-4-34	J2	24"X24"	1165		958		1212	104.0	
R63-4-35	J2	24"X24"	1165		806		1188	102.0	
R63-4-36	J2	24"X24"	1165		1717		1105	94.8	
R63-6-1	H1	30"X12"	900		1055		922	102.4	
R63-6-2	H1	30"X24"	1500						

Diffuser Supply (GRD)

63-1-01/6-1512

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-01-1	6-1006-1	A1	6"	155	198	153	98.7
63-1-01-2	6-1006-1	A1	6"	155	224	151	97.4
63-1-01-3	6-1006-1	A1	6"	155	203	166	107.1
63-1-01-4	6-1200	A1	6"	155	219	160	103.2
63-1-01-5	6-1200	A1	6"	160	198	169	105.6

63-1-02/2ND FLR CONNECTOR

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-02-1	1ST FLR CONNECTOR	S1	8"	165	225	172	104.2
63-1-02-2	1ST FLR CONNECTOR	S1	8"	165	198	158	95.8
63-1-02-3	1ST FLR CONNECTOR	S1	8"	165	216	162	98.2
63-1-02-4	1ST FLR CONNECTOR	S1	8"	165	205	168	101.8
63-1-02-5	1ST FLR CONNECTOR	S1	8"	165	224	172	104.2
63-1-02-6	1ST FLR CONNECTOR	S1	8"	165	203	177	107.3
63-1-02-7	1ST FLR CONNECTOR	S1	8"	165	198	175	106.1
63-1-02-8	1ST FLR CONNECTOR	S1	8"	165	222	160	97.0
63-1-02-9	1ST FLR CONNECTOR	S1	8"	165	182	152	92.1
63-1-02-10	1ST FLR CONNECTOR	S1	8"	165	200	165	100.0
63-1-02-11	1ST FLR CONNECTOR	S1	8"	160	189	166	103.8
63-1-02-12	1ST FLR CONNECTOR	S1	8"	160	188	155	96.9
63-1-02-13	1ST FLR CONNECTOR	A1	8"	225	224	216	96.0
63-1-02-14	1ST FLR CONNECTOR	A1	8"	225	188	240	106.7

63-1-03/6-1510

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-03-1	6-1002	A1	8"	190	253	197	103.7
63-1-03-2	6-1002	A1	8"	180	220	175	97.2
63-1-03-3	6-1002	A1	8"	180	198	173	96.1
63-1-03-4	6-1002	A1	8"	180	184	185	102.8
63-1-03-5	6-1002	A1	8"	180	166	182	101.1
63-1-03-6	6-1002	S1	10"	200	199	175	87.5
63-1-03-7	6-1002	S1	10"	200	202	198	99.0
63-1-03-8	6-1002	S1	10"	200	153	206	103.0
63-1-03-9	6-1002	S1	10"	200	201	212	106.0
63-1-03-10	6-1002	S1	10"	200	239	198	99.0

63-1-04/6-1004

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-04-1	6-1510	A1	6"	75	163	76	101.3
63-1-04-2	6-1501	A1	6"	75	177	70	93.3
63-1-04-3	6-1507-1	A1	6"	100	177	101	101.0
63-1-04-4	6-1500	A1	8"	200	44	197	98.5
63-1-04-5	6-1500	S1	10"	200	281	206	103.0
63-1-04-6	6-1513	A1	6"	100	163	109	109.0

63-1-05/6-1101

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-05-1	6-1004	A1	6"	135	164	134	99.3
63-1-05-2	6-1004	A1	6"	135	174	130	96.3
63-1-05-3	6-1004	A1	6"	135	164	139	103.0
63-1-05-4	6-1004	A1	6"	135	160	145	107.4
63-1-05-5	6-1004	A2	6"	130	161	127	97.7
63-1-05-6	6-1003	A1	6"	50	102	51	102.0
63-1-05-7	6-1002	A1	6"	75	148	76	101.3

63-1-06/6-1102

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-06-1	6-1101	A1	6"	125	176	137	109.6
63-1-06-2	6-1101	A1	6"	125	143	122	97.6
63-1-06-3	6-1101	A1	6"	125	171	122	97.6
63-1-06-4	6-1102A	A2	6"	75	143	70	93.3

63-1-07/6-1102

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-07-1	6-1103	A1	6"	50	83	48	96.0
63-1-07-2	6-1102	A1	6"	90	90	96	106.7

63-1-08/6-1104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-08-1	6-1104	A1	10"	300	361	303	101.0

63-1-09/6-1512

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-09-1	6-1511	A1	6"	125	124	114	91.2
63-1-09-2	6-1512	A1	6"	120	138	129	107.5

63-1-10/6-1115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-10-1	6-1116	A1	6"	100	206	101	101.0
63-1-10-2	6-1116	A1	6"	80	127	76	95.0
63-1-10-3	6-1114	A1	6"	150	130	148	98.7
63-1-10-4	6-1116	A1	6"	100	148	92	92.0

63-1-11/6-1115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-11-1	6-1115	A1	8"	200	232	197	98.5

63-1-12/6-1110

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-12-1	6-1111	A1	6"	120	238	115	95.8
63-1-12-2	6-1113	A1	6"	120	22	128	106.7

63-1-13/6-1100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-13-1	6-1110	A1	6"	120	145	129	107.5
63-1-13-2	6-1112	A1	6"	120	123	116	96.7

63-1-14/6-1100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-14-1	6-1100	A1	6"	150	242	152	101.3
63-1-14-2	HALL	A1	6"	115	90	109	94.8
63-1-14-3	6-1100	A1	6"	150	226	149	99.3
63-1-14-4	6-1116	A1	6"	115	224	116	100.9

63-1-15/6-1109

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-15-1	6-1108	A1	6"	120	150	119	99.2
63-1-15-2	6-1109	A1	6"	120	140	130	108.3

63-1-16/6-1118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-16-1	6-1106	A1	6"	120	43	125	104.2
63-1-16-2	6-1107	A1	6"	120	285	127	105.8

63-1-17/6-1118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-17-1	6-1118	A1	6"	90	117	96	106.7
63-1-17-2	6-1119	A1	6"	90	108	95	105.6

63-1-18/6-1121

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-18-1	6-1120	A1	6"	90	91	93	103.3
63-1-18-2	6-1121	A1	6"	90	107	87	96.7

63-2-01/6-2008

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-01-1	6-2008	A1	6"	110	201	115	104.5
63-2-01-2	6-2200	A1	8"	225	44	226	100.4
63-2-01-3	6-2008	A1	6"	115	166	112	97.4
63-2-01-4	6-2009	A1	6"	200	204	211	105.5
63-2-01-5	6-2011	A2	6"	50	86	54	108.0
63-2-01-6	6-2008	A1	6"	115	40	121	105.2
63-2-01-7	6-2010	A2	6"	50	184	54	108.0
63-2-01-8	6-2008	A1	6"	115	195	109	94.8

63-2-02/6-2211

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-02-1	6-2203	A1	6"	100	152	108	108.0
63-2-02-2	6-2204	A1	6"	100	136	98	98.0
63-2-02-3	6-2210	A1	6"	100	145	101	101.0
63-2-02-4	6-2211	A1	6"	100	162	94	94.0

63-2-04/6-2001

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-04-1	6-2001	A1	10"	325	422	312	96.0
63-2-04-2	6-2001	A1	10"	325	456	348	107.1

63-2-05/6-2007

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-05-1	6-2007	S3	12"	320	356	313	97.8
63-2-05-2	6-2007	S3	12"	320	299	310	96.9
63-2-05-3	6-2007	S3	12"	320	316	332	103.8
63-2-05-4	6-2007	S3	12"	320	338	335	104.7

63-2-06/6-2100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-06-1	6-2005	A1	6"	150	170	154	102.7
63-2-06-2	6-2006	A1	8"	185	164	188	101.6
63-2-06-3	6-2006	A1	8"	185	183	191	103.2
63-2-06-4	6-2006	A1	8"	185	187	187	101.1
63-2-06-5	6-2006			185	179	176	95.1
63-2-06-6	6-2007	A1	8"	185	204	169	91.4
63-2-06-7	6-2007	A1	8"	185	162	180	97.3
63-2-06-8	6-2107	A1	6"	105	90	106	101.0

63-2-07/6-2100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-07-1	6-2002-1	A1	8"	220	60	224	101.8
63-2-07-2	6-2002-1	A1	8"	220	480	240	109.1
63-2-07-3	6-2002-1	A1	8"	220	480	214	97.3
63-2-07-4	HALL	A1	8"	220	34	205	93.2
63-2-07-5	6-2111	A1	6"	75	32	77	102.7
63-2-07-6	6-2112	A1	6"	150	50	137	91.3
63-2-07-7	6-2102	A1	6"	110	248	111	100.9
63-2-07-8	6-2100	A1	8"	170	469	186	109.4
63-2-07-9	6-2100	A1	8"	170	53	163	95.9

63-2-08/6-2206

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-08-1	6-2206	A1	6"	100	123	102	102.0
63-2-08-2	6-2207	A1	6"	100	128	104	104.0

63-2-09/6-2208

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-09-1	6-2208	A1	8"	175	211	174	99.4

63-2-10/6-2106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-10-1	6-2105	A1	8"	175	263	182	104.0
63-2-10-2	6-2105	A1	8"	175	245	164	93.7
63-2-10-3	6-2105	A1	8"	175	241	165	94.3
63-2-10-4	6-2105	A1	8"	185	279	180	97.3
63-2-10-5	6-2105	A1	8"	175	199	176	100.6

63-2-11/6-2005

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-11-1	6-2106	A1	8"	220	18	207	94.1
63-2-11-2	6-2106	S1	10"	220	233	226	102.7
63-2-11-3	6-2106	A1	8"	220	282	230	104.5
63-2-11-4	6-2501	A1	8"	220	265	235	106.8
63-2-11-5	6-2502	A1	6"	75	34	71	94.7
63-2-11-6	6-2501	S1	10"	220	363	207	94.1

63-2-12/6-2005

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-12-1	6-2005	S1	12"	245	274	264	107.8
63-2-12-2	6-2005	S1	12"	245	289	251	102.4
63-2-12-3	6-2005	S1	12"	245	224	233	95.1
63-2-12-4	6-2005	S1	12"	245	276	251	102.4
63-2-12-5	6-2005	S1	12"	245	237	239	97.6
63-2-12-6	6-2005	S1	12"	245	281	249	101.6
63-2-12-7	6-2005	S1	12"	245	246	247	100.8

63-2-13/6-1002

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-13-1	6-2004	A1	8"	300	305	305	101.7
63-2-13-2	6-2003	S3	12"	450	439	439	97.6
63-2-13-3	6-2003	S3	12"	450	450	450	100.0

63-2-14/6-2105 OFFICE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-14-1	6-2002-1	A1	6"	145		152	104.8
63-2-14-2	6-2002-1	A1	6"	150		158	105.3
63-2-14-3	6-2002-1	A1	6"	150		162	108.0
63-2-14-4	6-2002-1	S2	12"	255		244	95.7
63-2-14-5	6-2002-1	S2	12"	255		265	103.9
63-2-14-6	6-2002-1	S2	12"	255		262	102.7
63-2-14-7	6-2002-1	S2	12"	255		250	98.0
63-2-14-8	6-2002-1	S2	12"	255		244	95.7
63-2-14-9	STAIRWELL	S2	12"	275		292	106.2
63-2-14-10	STAIRWELL	S2	12"	275		269	97.8
63-2-14-11	STAIRWELL	S2	12"	275		284	103.3
63-2-14-12	STAIRWELL	S2	12"	275		288	104.7
63-2-14-13	STAIRWELL	S2	12"	275		274	99.6
63-2-14-14	STAIRWELL	S2	12"	275		280	101.8
63-2-14-15	STAIRWELL	S2	12"	275		286	104.0

63-2-15/6-2105 OFFICE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-15-1	6-2105 OFFICE	A1	6"	100	156	99	99.0

63-2-16/6-2103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-16-1	2ND FLR CONNECTOR	S2	8"	165	107	167	101.2
63-2-16-2	2ND FLR CONNECTOR	S2	8"	165	146	174	105.5
63-2-16-3	2ND FLR CONNECTOR	S2	8"	165	121	160	97.0
63-2-16-4	2ND FLR CONNECTOR	S2	8"	165	117	162	98.2
63-2-16-5	2ND FLR CONNECTOR	S2	8"	165	141	172	104.2
63-2-16-6	2ND FLR CONNECTOR	S2	8"	165	120	171	103.6
63-2-16-7	2ND FLR CONNECTOR	S2	8"	165	88	163	98.8
63-2-16-8	2ND FLR CONNECTOR	S2	8"	165	109	166	100.6
63-2-16-9	2ND FLR CONNECTOR	S2	8"	165	127	175	106.1
63-2-16-10	2ND FLR CONNECTOR	S2	8"	165	127	169	102.4
63-2-16-11	2ND FLR CONNECTOR	S2	8"	160	107	158	98.8
63-2-16-12	2ND FLR CONNECTOR	S2	8"	160	115	164	102.5
63-2-16-13	2ND FLR CONNECTOR	A1	8"	225	119	204	90.7
63-2-16-14	2ND FLR CONNECTOR	A1	8"	225	138	235	104.4

63-2-17/6-2103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-17-1	6-2103	A1	6"	150	163	150	100.0

63-2-18/6-2205

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-18-1	6-2205	P1	10"	300	388	306	102.0

63-2-19/6-2215

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-19-1	6-2213	A1	8"	185	225	187	101.1
63-2-19-2	6-2213	A1	8"	185	220	180	97.3

63-2-20/6-2215

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-30-1	6-2215	A1	6"	100	117	103	103.0
63-2-30-2	6-2215	A1	6"	100	120	93	93.0

63-3-01/6-3103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-01-1	6-3002	A1	8"	165	222	169	102.4
63-3-01-2	6-3201	A1	6"	115	0	122	106.1
63-3-01-3	6-3201	A1	6"	110	0	108	98.2
63-3-01-4	6-3200	A1	8"	165	267	175	106.1
63-3-01-5	6-3003	A2	6"	50	114	52	104.0
63-3-01-6	6-3200	A1	8"	165	283	180	109.1

63-3-02/6-3222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-02-1	6-3103	A1	8"	200	256	207	103.5
63-3-02-2	6-3103	A1	8"	200	272	211	105.5
63-3-02-3	6-3103	A1	8"	200	247	205	102.5
63-3-02-4	6-3103	A1	8"	200	283	209	104.5

63-3-03/6-3222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-03-1	6-3223	A1	10"	300	335	302	100.7
63-3-03-2	6-3223	A1	10"	300	362	308	102.7
63-3-03-3	6-3223	A1	10"	300	348	311	103.7

63-3-04/6-3206 HALL

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-04-1	6-3204	A1	6"	100	118	108	108.0
63-3-04-2	6-3214	A1	6"	100	112	105	105.0
63-3-04-3	6-3216	A1	6"	100	116	102	102.0

63-3-05/6-3206 HALL

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-05-1	6-3207	A1	6"	135	135	140	103.7
63-3-05-2	6-3206	A1	6"	135	152	138	102.2
63-3-05-3	6-3206 HALL	A1	6"	130	220	125	96.2

63-3-06/6-3220

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-06-1	6-3320	A1	10"	300	318	302	100.7
63-3-06-2	6-3320	A1	10"	300	380	325	108.3

63-3-07/6-3224

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-07-1	6-3137	A1	6"	140	185	145	103.6
63-3-07-2	6-3229	A1	6"	120	169	126	105.0
63-3-07-3	6-3224	A2	6"	100	140	104	104.0

63-3-08/6-3225

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-08-1	6-3211	A1	8"	225	187	220	97.8
63-3-08-2	6-3225	A1	6"	125	164	126	100.8

63-3-09/6-3000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-09-1	6-3000-1	S1	10"	185	208	186	100.5
63-3-09-2	6-3000-1	S1	10"	185	209	198	107.0
63-3-09-3	6-3000-1	S1	10"	185	236	194	104.9
63-3-09-4	6-3000-1	S1	10"	185	183	173	93.5
63-3-09-5	6-3000-1	S1	10"	185	160	177	95.7
63-3-09-6	6-3000-1	S1	10"	185	233	179	96.8
63-3-09-7	6-3000-1	S1	10"	185	204	182	98.4
63-3-09-8	6-3000-1	S1	10"	185	258	199	107.6
63-3-09-9	6-3000-1	S1	10"	185	234	198	107.0
63-3-09-10	6-3000-1	S1	10"	185	250	173	93.5

63-3-10/6-3000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-10-1	6-3000-1	A1	8"	160	227	165	103.1
63-3-10-2	6-3001	A2	6"	50	94	52	104.0
63-3-10-3	6-3000-1	A1	8"	160	164	170	106.3
63-3-10-4	6-3000-1	A1	8"	160	195	161	100.6

63-3-11/6-3205

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-11-1	6-3205	A1	10"	300	196	311	103.7
63-3-11-2	6-3205	A1	10"	300	250	309	103.0

63-3-12/6-3126

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-12-1	6-3206 OFFICE	A1	10"	300	323	308	102.7
63-3-12-2	6-3206 OFFICE	A1	10"	300	346	318	106.0

63-3-13/6-3203

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-13-1	6-3129	A1	6"	100	138	98	98.0
63-3-13-2	6-3131	A1	6"	100	145	95	95.0
63-3-13-3	6-3125	A1	6"	100	162	105	105.0
63-3-13-4	6-3126	A1	6"	100	140	101	101.0

63-3-14/6-3203

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-14-1	6-3133	A1	6"	120	141	123	102.5
63-3-14-2	6-3203	A1	6"	135	159	139	103.0
63-3-14-3	6-3202	A2	6"	45	71	49	108.9
63-3-14-4	6-3228	A1	6"	125	110	121	96.8

63-3-15/6-3104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-15-1	6-3104	A1	8"	200	244	195	97.5

63-3-16/6-3121

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-16-1	6-3121	A1	8"	170	223	178	104.7
63-3-16-2	6-3136	A1	6"	90	118	92	102.2
63-3-16-3	6-3135-1	A1	6"	90	120	98	108.9

63-3-17/6-3112

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-17-1	6-3113	A1	6"	100	143	106	106.0
63-3-17-2	6-3117	A1	6"	100	144	104	104.0
63-3-17-3	6-3112	A1	6"	100	156	101	101.0
63-3-17-4	6-3116	A1	6"	100	150	103	103.0

63-3-18/6-3114

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-18-1	6-3118	A1	6"	75	115	72	96.0
63-3-18-2	6-3137	A1	6"	125	250	130	104.0
63-3-18-3	6-3122	A1	6"	50	75	52	104.0
63-3-18-4	6-3127	A1	6"	50	66	54	108.0
63-3-18-5	6-3114	A1	6"	140	105	148	105.7
63-3-18-6	6-3135-A	A1	6"	110	112	108	98.2
63-3-18-7	6-3135-2	A1	6"	105	77	105	100.0

63-3-19/6-3123

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-19-1	6-3123	A1	8"	200	229	206	103.0

63-3-20/6-3505

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-20-1	6-3502	A2	6"	50	134	52	104.0
63-3-20-2	6-3503	A2	6"	50	102	54	108.0
63-3-20-3	6-3135-1	A1	8"	185	227	187	101.1
63-3-20-4	6-3505	A1	6"	120	118	126	105.0
63-3-20-5	6-3501	S1	10"	220	266	213	96.8
63-3-20-6	6-3501	A1	8"	180	293	184	102.2

63-3-21/6-3106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-21-1	6-3105	A1	8"	275	315	269	97.8
63-3-21-2	6-3105	A1	8"	275	303	280	101.8

63-3-22/6-3106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-22-1	6-3106	A1	10"	300	330	309	103.0
63-3-22-2	6-3107	A1	10"	300	316	299	99.7

63-3-23/6-3504

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-23-1	6-3504	A1	8"	165	225	170	103.0
63-3-23-2	6-3504	A1	8"	165	242	168	101.8
63-3-23-3	6-3504	S1	10"	165	265	172	104.2
63-3-23-4	6-3504	S1	10"	165	218	165	100.0
63-3-23-5	6-3504	S1	10"	165	240	177	107.3

63-3-25/6-3110

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-251	6-3110	A1	12"	365	516	377	103.3

63-3-26/6-3115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-26-1	6-3102	A1	6"	100	139	109	109.0
63-3-26-2	6-3119	A1	6"	100	134	106	106.0
63-3-26-3	6-3115	A1	6"	100	140	107	107.0
63-3-26-4	6-3111	A1	6"	100	146	102	102.0

63-3-28/6-3120

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-28-1	6-3124	A1	6"	125	116	126	100.8
63-3-28-2	6-3120	A1	8"	170	147	188	110.6

63-3-29/6-3209

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-29-1	6-3209	A1	6"	125	145	130	104.0
63-3-29-2	6-3210	A1	6"	125	137	126	100.8

63-3-24/6-3109

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-34-1	6-3108	A1	10"	300	326	308	102.7
63-3-34-2	6-3109	A1	10"	300	327	303	101.0

63-3-27/6-3101

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-37-1	6-3128	A1	8"	170	258	172	101.2
63-3-37-2	6-3101	A1	8"	170	260	178	104.7
63-3-37-3	HALL	A1	6"	145	105	150	103.4

63-4-01/6-4210

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-01-1	6-4001	A1	6"	120	72	122	101.7
63-4-01-2	6-4210	A1	8"	195	215	191	97.9
63-4-01-3	6-4001	A1	6"	120	125	129	107.5
63-4-01-4	6-4001	A1	6"	120	128	121	100.8
63-4-01-5	6-4003	A2	6"	50	113	48	96.0
63-4-01-6	6-4001	A1	6"	135	121	125	92.6

63-4-02/6-4222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-02-1	6-4220	A1	6"	100	117	104	104.0
63-4-02-2	6-4222	A1	6"	100	125	109	109.0

63-4-03/6-4212

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-03-1	6-4212	A1	8"	160	195	164	102.5

63-4-04/6-4000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-04-1	6-4000-2	S1	8	185	156	168	90.8
63-4-04-2	6-4000-2	S1	8	185	153	201	108.6
63-4-04-3	6-4000-2	S1	8	185	169	182	98.4
63-4-04-4	6-4000-2	S1	8	185	208	169	91.4
63-4-04-5	6-4000-2	S1	8	185	187	194	104.9
63-4-04-6	6-4000-2	S1	8	185	231	196	105.9
63-4-04-7	6-4000-2	S1	8	185	234	201	108.6
63-4-04-8	6-4000-2	S1	8	185	186	191	103.2
63-4-04-9	6-4000-2	S1	8	185	235	189	102.2
63-4-04-10	6-4000-2	S1	8	185	192	184	99.5

63-4-05/6-4213

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-05-1	6-4000-2	A1	8"	210	217	216	102.9
63-4-05-2	6-4000-2	A1	8"	205	230	209	102.0

63-4-06/6-4213

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-06-1	6-4200-2	A1	8"	150	165	152	101.3
63-4-06-2	6-4213	A1	8"	205	268	210	102.4
63-4-06-3	6-4213	A1	8"	205	265	217	105.9
63-4-06-4	6-4213	A1	8"	210	312	211	100.5
63-4-06-5	6-4231	A1	6"	145	0	146	100.7

63-4-07/6-4119

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-07-1	6-4119	A1	6"	100	137	101	101.0
63-4-07-2	6-4203	A1	6"	100	114	104	104.0
63-4-07-3	6-4204	A1	6"	115	114	111	96.5

63-4-08/6-4206

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-08-1	6-4120	A1	6"	100	112	109	109.0
63-4-08-2	6-4121	A1	6"	100	118	105	105.0
63-4-08-3	6-4205	A1	6"	100	124	106	106.0
63-4-08-4	6-4206	A1	6"	100	108	108	108.0

63-4-09/6-4209

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-09-1	6-4122	A1	6"	100	124	105	105.0
63-4-09-2	6-4207	A1	6"	100	125	106	106.0
63-4-09-3	6-4208	A1	6"	100	116	99	99.0
63-4-09-4	6-4209	A1	6"	100	108	110	110.0

63-4-10/6-4123

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-10-1	6-4123	A1	8"	175	211	179	102.3

63-4-11/6-4000-3

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-11-1	6-4000-3	S1	12"	245	256	253	103.3
63-4-11-2	6-4000-3	S1	12"	245	271	247	100.8
63-4-11-3	6-4000-3	S1	12"	245	249	256	104.5
63-4-11-4	6-4000-3	S1	12"	245	305	262	106.9
63-4-11-5	6-4000-3	S1	12"	245	281	237	96.7
63-4-11-6	6-4000-3	S1	12"	245	235	249	101.6
63-4-11-7	6-4000-3	S1	12"	245	224	231	94.3

63-4-12/6-4104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-12-1	6-4102	A1	8"	220	242	217	98.6
63-4-12-2	6-4100-2	A1	8"	200	206	204	102.0
63-4-12-3	6-4104	A1	8"	220	256	229	104.1

63-4-13/6-4103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-13-1	6-4110	A1	6"	100	109	98	98.0
63-4-13-2	6-4109	A1	6"	100	121	95	95.0
63-4-13-3	6-4103	A1	6"	100	153	103	103.0

63-4-14/6-4111

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-14-1	6-4100-2	A1	8"	130	165	132	101.5
63-4-14-2	6-4111	A1	8"	200	225	205	102.5
63-4-14-3	6-4111	A1	8"	200	240	211	105.5
63-4-14-4	6-4101-1	A1	8"	130	150	138	106.2

63-4-15/6-4106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-15-1	6-4105	A1	8"	220	270	217	98.6
63-4-15-2	6-4106	A1	8"	220	256	229	104.1

63-4-16/6-4107

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-16-1	6-4112	A1	8"	210	258	215	102.4
63-4-16-2	6-4112	A1	8"	205	262	209	102.0
63-4-16-3	6-4112	A1	8"	205	220	216	105.4

63-4-17/6-4107

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-17-1	6-4107	A1	8"	165	325	172	104.2
63-4-17-2	6-4107	A1	8"	160	44	168	105.0

63-4-18/6-4116

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-18-1	6-4113	A1	6"	100	131	106	106.0
63-4-18-2	6-4114	A1	6"	100	129	104	104.0

63-4-19/6-4116

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-19-1	6-4126	A1	6"	50	109	52	104.0
63-4-19-2	6-4101-2	A1	6"	150	146	158	105.3
63-4-19-3	6-4117	A1	6"	75	115	74	98.7
63-4-19-4	6-4100-1	A1	8"	200	184	209	104.5
63-4-19-5	6-4116	A1	6"	115	157	120	104.3
63-4-19-6	6-4100-3	A1	6"	90	99	92	102.2
63-4-19-7	6-4108	A2	6"	50	108	54	108.0

63-4-20/6-4125

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-20-1	6-4125	A1	8"	200	262	208	104.0

63-4-21/6-4505

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-21-1	6-4502	A2	6"	50	124	50	100.0
63-4-21-2	6-4503	A2	6"	50	130	46	92.0
63-4-21-3	HALL	A1	8"	185	315	175	94.6
63-4-21-4	6-4505	A1	6"	120	151	122	101.7
63-4-21-5	ELEV LOBBY	S1	10"	220	46	223	101.4
63-4-21-6	HALL	A1	8"	180	48	181	100.6

63-4-22/6-4118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-22-1	6-4504	S1	10"	185	194	175	94.6
63-4-22-2	6-4504	A1	8"	180	129	186	103.3
63-4-22-3	6-4504	A1	8"	185	179	192	103.8
63-4-22-4	6-4504	S1	10"	185	178	194	104.9

63-4-23/6-4118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-23-1	6-4118	A1	6"	100	98	98	98.0

63-5-01/5TH FLR WEST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-5-01-1	5TH FLR NORTH	F1	24"X10"	400	492	421	105.3
63-5-01-2	5TH FLR NORTH	F1	24"X10"	400	487	409	102.3
63-5-01-3	5TH FLR NORTH	F1	24"X10"	400	521	414	103.5
63-5-01-4	5TH FLR NORTH	F1	24"X10"	400	501	424	106.0

63-5-02/5TH FLR WEST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-5-02-1	6-5000-1	S1	10"	185	178	180	97.3
63-5-02-2	6-5000-1	S1	10"	185	220	201	108.6
63-5-02-3	6-5000-1	S1	10"	185	235	199	107.6
63-5-02-4	6-5000-1	S1	10"	185	186	192	103.8
63-5-02-5	6-5000-1	S1	10"	185	226	189	102.2
63-5-02-6	6-5000-1	S1	10"	185	218	180	97.3
63-5-02-7	6-5000-1	S1	10"	185	231	200	108.1
63-5-02-8	6-5000-1	S1	10"	185	227	172	93.0
63-5-02-9	6-5000-1	S1	10"	185	161	183	98.9
63-5-02-10	6-5000-1	S1	10"	185	238	179	96.8

63-6-01/6TH FLR SOUTHEAST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-6-01-1	MECH RM	F1	16"X10"	500	549	498	99.6
63-6-01-2	MECH RM	F1	16"X10"	500	601	521	104.2
63-6-01-3	MECH RM	F1	16"X10"	500	571	514	102.8

63-1-19/6-1319

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-1122	A1	6"	90	134	88	97.8
SGRD2	6-1123	A1	6"	50	11	50	100.0

63-2-03/6-2212

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-2201-2	A1	6"	65	102	64	98.5
SGRD2	6-2201-2	A1	6"	65	74	59	90.8
SGRD3	6-2212	A1	8"	205	223	211	102.9
SGRD4	6-2212	A1	8"	205	241	199	97.1
SGRD5	6-2212	A1	8"	200	227	208	104.0
SGRD6	6-2202-2	A1	6"	65	103	64	98.5
SGRD7	6-2300-1	A1	6"	65	108	63	96.9

63-6-02/6-6503

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-6503	F1	24"X12"	900	911	906	100.7

Completed By: Tyler Youells on 11/14/2022



Comfort. Under control.

National TAB

Project: Dayton Children's Hospital (Dayton, OH)

System/Unit: AHU-DUAL FAN

Asset: AHU-63

AREA:6-6503

UNIT DATA - SUPPLY		
	Design	Actual
Manufacturer	TRANE	TRANE
Model Number	NA	TCPA0AD29C4M3322S0209
Serial Number	-	M21J00093
No. Pre-Filters / Size (1)	-	45, 24"X24"X2"
No. Final Filters / Size (1)	-	45, 24"X24"X2"

MOTOR DATA - SUPPLY		
	Design	Actual
Motor MFG / Frame	-	BALDOR / 256
Horsepower / RPM	-	30 / 1800
Rated Volts / Phase	-	460 / 3
Rated Amperage / SF	-	38 / 1.15

DRIVE DATA - SUPPLY		
	Design	Actual

TEST DATA - SUPPLY		
	Design	Actual
Total CFM	85000 / 64480	65522 (connected)
OA CFM	16120	14876
VFD Speed	77.0hz / 56hz	56.2 HZ
RL Voltage	460	318 VFD
RL Amperage	-	17.1 VFD

PERFORMANCE DATA - SUPPLY		
	Design	Actual
Static Pressure Stpt	-	2.2"
Suction S.P.	-	1.24"
Discharge S.P.	-	1.38"
Total S.P.	-	2.64"
Chilled Water Coil P.D.	0.62	0.37"
Pre Heat Coil P.D.	0.10	0.08"
Final Filters P.D.	0.39	NOT INSTALLED
Pre-Filters P.D.	0.23	0.42"
Total ESP	4.0"	3.4"

UNIT DATA - EXHAUST/RETURN		
	Design	Actual

MOTOR DATA - EXHAUST/RETURN		
	Design	Actual
Motor MFG / FRAME	-	BALDOR / 256
Horsepower / RPM	-	10 / 1180
Rated Volts / Phase	-	460 / 3
Rated Amperage / SF	-	14.1 / 1.15

DRIVE DATA - EXHAUST/RETURN		
	Design	Actual

TEST DATA - EXHAUST/RETURN		
	Design	Actual
Total CFM	80000 / 50450	50125 (connected)
VFD Speed	67hz / 56hz	55.8 HZ
RL Voltage	-	301 VFD
RL Amperage	-	8.9 VFD

PERFORMANCE DATA - EXHAUST/RETURN		
	Design	Actual
Static Pressure Stpt	-	1.25"
Suction S.P.	-	2.02"
Discharge S.P.	-	0.12"
Total S.P.	3.150"	2.14"

Completed By: Nick Payne on 12/22/2022

Notes: Flow Station K Factors Supply 0.825 Return 0.715 OA Min 1.715 OA Econ 1.317

Date: 12/23/2022



Comfort. Under control.

National TAB

Project: Dayton Children's Hospital (Dayton, OH)

AHU-DUAL FAN

VAV - Single Duct

Asset											
Asset Name	MFG	Model Num	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
63-1-01	NAILOR	D30RE	VAV	9"	780	799	780	784	515	521	1544.9
63-1-02	NAILOR	D30RE	CAV	24"	2420	2438	2420	2408	2180	2195	6314
63-1-03	NAILOR	D30RE	VAV	16"	1890	1901	1890	1891	945	956	3230.9
63-1-04	NAILOR	D30RE	VAV	9"	750	759	750	751	715	720	1537.9
63-1-05	NAILOR	D30RE	VAV	9"	795	802	795	797	760	768	1560.8
63-1-06	NAILOR	D30RE	VAV	7"	450	451	140	142	225	231	924.1
63-1-07	NAILOR	D30RE	VAV	6"	140	144	70	74	140	141	556.4
63-1-08	NAILOR	D30RE	VAV	6"	300	303	70	72	150	149	529.4
63-1-09	NAILOR	D30RE	VAV	6"	245	243	70	72	125	129	484.6
63-1-10	NAILOR	D30RE	VAV	7"	430	417	410	409	410	413	933.4
63-1-11	NAILOR	D30RE	VAV	6"	200	197	125	132	125	127	527.6
63-1-12	NAILOR	D30RE	VAV	6"	240	243	160	162	160	158	516.0
63-1-13	NAILOR	D30RE	VAV	6"	240	245	170	174	170	165	504.2
63-1-14	NAILOR	D30RE	VAV	7"	530	526	465	459	465	471	965.9
63-1-15	NAILOR	D30RE	VAV	6"	240	249	160	162	160	158	552.6
63-1-16	NAILOR	D30RE	VAV	6"	240	252	160	164	160	163	612.2
63-1-17	NAILOR	D30RE	VAV	6"	180	191	65	71	90	92	569.1
63-1-18	NAILOR	D30RE	VAV	6"	180	180	100	102	100	101	501.2
63-1-19	NAILOR	D30RE	VAV	6"	140	138	80	82	80	81	477.6
63-2-01	NAILOR	D30RE	VAV	12"	980	1002	615	621	615	621	2081.7
63-2-02	NAILOR	D30RE	VAV	7"	400	401	300	304	300	304	966.3
63-2-03	NAILOR	D30RE	VAV	9"	870	868	770	760	770	760	1477.3
63-2-04	NAILOR	D30RE	VAV	9"	650	660	650	647	650	643	1574.8
63-2-05	NAILOR	D30RE	VAV	14"	1280	1290	400	406	835	835	2639.2
63-2-06	NAILOR	D30RE	VAV	12"	1180	1351	350	360	590	596	1867.3
63-2-07	NAILOR	D30RE	VAV	14"	1555	1557	445	451	780	775	3007.9
63-2-08	NAILOR	D30RE	VAV	6"	200	206	150	154	150	154	487.9
63-2-09	NAILOR	D30RE	VAV	6"	175	174	165	167	165	169	512.6
63-2-10	NAILOR	D30RE	VAV	9"	885	867	605	601	605	601	1622.6
63-2-11	NAILOR	D30RE	VAV	12"	1175	1176	400	409	765	771	2091.8
63-2-12	NAILOR	D30RE	VAV	14"	1715	1734	400	406	1115	1184	2697.2
63-2-13	NAILOR	D30RE	VAV	12"	1200	1194	300	312	600	592	2151.7
63-2-14	NAILOR	D30RE	VAV	24"	3500	3710	1000	1022	2275	2288	7488
63-2-15	NAILOR	D30RE	VAV	6"	100	99	70	69	100	99	629.8
63-2-16	NAILOR	D30RE	VAV	24"	2420	2440	1105	1115	2180	2204	5720
63-2-17	NAILOR	D30RE	VAV	6"	150	150	70	74	75	74	492.7
63-2-18	NAILOR	D30RE	VAV	6"	300	306	300	319	300	310	909.5
63-2-19	NAILOR	D30RE	VAV	7"	370	367	100	108	185	188	978.1
63-2-20	NAILOR	D30RE	VAV	3"	200	196	150	153	150	153	535.2
63-3-01	NAILOR	D30RE	VAV	10"	770	806	510	512	510	518	1381.8
63-3-02	NAILOR	D30RE	VAV	10"	800	832	510	517	510	522	1537.6
63-3-03	NAILOR	D30RE	VAV	12"	900	921	290	298	450	456	2131.3
63-3-04	NAILOR	D30RE	VAV	6"	300	315	225	230	225	237	525.4
63-3-05	NAILOR	D30RE	VAV	8"	400	403	125	130	200	208	986.4
63-3-06	NAILOR	D30RE	VAV	8"	600	627	290	313	300	305	935.6
63-3-07	NAILOR	D30RE	VAV	6"	360	375	360	362	360	370	667.6
63-3-08	NAILOR	D30RE	VAV	6"	350	346	70	72	175	180	474.2
63-3-09	NAILOR	D30RE	VAV	16"	1860	1859	450	461	1210	1224	3525.9
63-3-10	NAILOR	D30RE	VAV	8"	530	548	170	177	265	272	940.2
63-3-11	NAILOR	D30RE	VAV	8"	600	620	290	293	300	319	901.6
63-3-12	NAILOR	D30RE	VAV	8"	600	626	225	230	300	303	988.1
63-3-13	NAILOR	D30RE	VAV	8"	400	399	320	313	320	327	1019.2
63-3-14	NAILOR	D30RE	VAV	8"	425	432	425	427	425	420	917.4
63-3-15	NAILOR	D30RE	VAV	6"	200	195	70	72	100	101	560.0
63-3-16	NAILOR	D30RE	VAV	6"	350	368	350	368	350	362	547.1
63-3-17	NAILOR	D30RE	VAV	8"	400	414	320	322	320	329	964.9
63-3-18	NAILOR	D30RE	VAV	10"	655	669	655	660	655	649	1437.6
63-3-19	NAILOR	D30RE	VAV	6"	200	206	190	199	190	194	522.9
63-3-20	NAILOR	D30RE	VAV	10"	805	816	805	822	805	801	1648.34
63-3-21	NAILOR	D30RE	VAV	8"	550	549	125	130	330	333	913.3
63-3-22	NAILOR	D30RE	VAV	8"	600	608	125	130	360	368	947.6
63-3-23	NAILOR	D30RE	VAV	10"	825	852	225	230	495	487	1630.2
63-3-24	NAILOR	D30RE	VAV	8"	600	611	125	130	360	372	943.3
63-3-25	NAILOR	D30RE	VAV	8"	365	377	125	130	220	228	929.3
63-3-26	NAILOR	D30RE	VAV	8"	400	424	320	333	320	311	927.4

63-3-27	NAILOR	D30RE	VAV	8"	485	500	485	492	485	499	919.8
63-3-28	NAILOR	D30RE	VAV	6"	295	314	75	78	150	159	504.3
63-3-29	NAILOR	D30RE	VAV	6"	250	256	75	78	125	130	487.1
63-4-01	NAILOR	D30RE	VAV	9"	740	736	550	549	550	561	1210.2
63-4-02	NAILOR	D30RE	VAV	6"	200	213	150	155	150	148	562.7
63-4-03	NAILOR	D30RE	VAV	6"	160	164	65	66	80	82	502.3
63-4-04	NAILOR	D30RE	VAV	16"	1860	1875	430	436	1210	1218	3189.6
63-4-05	NAILOR	D30RE	VAV	7"	415	425	160	169	210	213	702.3
63-4-06	NAILOR	D30RE	VAV	12"	915	936	915	920	915	909	2183.5
63-4-07	NAILOR	D30RE	VAV	7"	315	316	240	237	240	242	759.6
63-4-08	NAILOR	D30RE	VAV	7"	400	428	300	317	300	310	723.5
63-4-09	NAILOR	D30RE	VAV	7"	400	420	300	313	300	310	734.0
63-4-10	NAILOR	D30RE	VAV	6"	175	179	165	170	165	161	575.6
63-4-11	NAILOR	D30RE	VAV	14"	1715	1735	360	372	1115	1142	2738.6
63-4-12	NAILOR	D30RE	VAV	9"	640	650	235	242	420	427	1236.3
63-4-13	NAILOR	D30RE	VAV	6"	300	296	225	230	225	231	520.8
63-4-14	NAILOR	D30RE	VAV	9"	660	686	660	644	660	655	1314.6
63-4-15	NAILOR	D30RE	VAV	7"	440	446	170	177	265	288	702.8
63-4-16	NAILOR	D30RE	VAV	9"	620	640	165	172	310	312	1134.6
63-4-17	NAILOR	D30RE	VAV	6"	325	340	180	188	195	190	533.9
63-4-18	NAILOR	D30RE	VAV	6"	200	210	150	162	150	155	588.3
63-4-19	NAILOR	D30RE	CAV	9"	730	759	730	725	730	740	1353.9
63-4-20	NAILOR	D30RE	VAV	6"	200	208	200	210	200	206	552.3
63-4-21	NAILOR	D30RE	VAV	9"	805	797	805	792	805	815	1070.0
63-4-22	NAILOR	D30RE	VAV	9"	735	747	165	164	445	453	1071.0
63-4-23	NAILOR	D30RE	VAV	6"	100	98	100	105	100	92	432.4
63-5-01	NAILOR	D30RE	VAV	16"	1600	1668	0	0	1600	1621	3743.2
63-5-02	NAILOR	D30RE	VAV	16"	1860	1875	500	509	1210	1222	3448.9
63-6-01	NAILOR	D30RE	VAV	14"	1500	1533	1000	1020	1000	1032	3005
63-6-02	NAILOR	D30RE	VAV	12"	900	906	0	0	0	0	2052.77

Diffuser Ret/Exh (GRD)

AHU-63/6-6503

Asset									
Asset Name	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design	VEL(1)
R63-1-1	J1	24"X24"	1620		2020		1608	99.3	
R63-1-2	J1	24"X24"	1500		844		1405	93.7	
R63-1-3	J1	24"X24"	1500		1216		1458	97.2	
R63-1-4	J1	24"X12"	75		128		72	96.0	
R63-1-5	J1	24"X12"	200		244		205	102.5	
R63-1-6	J1	24"X12"	150		220		158	105.3	
R63-1-7	J1	24"X12"	300		316		316	105.3	
R63-1-8	J1	24"X12"	50		108		52	104.0	
R63-1-9	J1	24"X12"	75		82		82	109.3	
R63-1-10	J1	24"X12"	400		95		416	104.0	
R63-1-11	J2	24"X24"	1270		1499		1299	102.3	
R63-1-12	J1	24"X12"	75		95		70	93.3	
R63-1-13	J1	24"X12"	400		451		426	106.5	
R63-1-14	J1	24"X12"	75		110		76	101.3	
R63-1-15	J1	24"X12"	75		118		81	108.0	
R63-1-16	J1	24"X12"	200		156		210	105.0	
R63-1-17	J1	12"X24"	140		202		152	108.6	
R63-1-18	J1	24"X12"	120		160		126	105.0	
R63-1-19	J1	24"X12"	120		105		113	94.2	
R63-1-20	J1	12"X24"	90		128		94	104.4	
R63-1-21	J1	24"X12"	120		133		122	101.7	
R63-1-22	J1	24"X12"	120		125		105	87.5	
R63-1-23	J1	24"X12"	120		116		115	95.8	
R63-1-24	J1	24"X12"	120		146		123	102.5	
R63-1-25	J1	12"X24"	90		152		94	104.4	
R63-1-26	J1	24"X12"	120		155		126	105.0	
R63-1-27	J1	12"X24"	90		162		88	97.8	
R63-1-28	J1	24"X12"	120		144		121	100.8	
R63-1-29	J1	12"X24"	90		123		96	106.7	
R63-1-30	J1	24"X12"	425		366		417	98.1	
R63-2-1	J1	24"X12"	75		145		72	96.0	
R63-2-2	J1	24"X24"	1620		1882		1588	98.0	
R63-2-3	J1	24"X24"	1100		1355		1109	100.8	
R63-2-4	J1	24"X24"	1550		1288		1522	98.2	
R63-2-5	J1	24"X24"	1550		1655		1567	101.1	
R63-2-6	J1	24"X12"	650		811		629	96.8	
R63-2-7	J1	24"X12"	135		165		130	96.3	
R63-2-8	J1	24"X12"	100		129		103	103.0	
R63-2-9	J1	24"X12"	100		159		109	109.0	
R63-2-10	J1	24"X12"	175		166		184	105.1	
R63-2-11	J1	24"X12"	100		139		106	106.0	
R63-2-12	J1	24"X12"	370		454		377	101.9	
R63-2-13	J1	24"X12"	100		142		104	104.0	
R63-2-14	H1	8"X12"	100		129		92	92.0	
R63-2-15	J1	24"X24"	1070		1166		1099	102.7	
R63-2-16	J1	24"X12"	100		126		105	105.0	
R63-2-17	J1	24"X12"	100		133		102	102.0	
R63-2-18	J1	24"X12"	100		140		109	109.0	
R63-2-19	J2	24"X12"	225		22		220	97.8	
R63-2-20	J1	24"X12"	200		166		213	106.5	
R63-2-21	J1	24"X12"	100		140		96	96.0	
R63-2-22	J1	24"X24"	1550		1216		1563	100.8	
R63-2-23	J1	24"X12"	105		88		112	106.7	
R63-2-24	J2	24"X24"	1550		1304		1536	99.1	
R63-2-25	J1	24"X12"	150		106		145	96.7	
R63-2-26	J1	24"X24"	1550		1005		1522	98.2	
R63-2-27	J1	24"X12"	110		150		104	94.5	
R63-2-28	J1	24"X12"	100		108		109	109.0	
R63-3-1	J1	24"X12"	120		219		111	92.5	
R63-3-2	J1	24"X24"	825		1014		806	97.7	
R63-3-3	J1	24"X12"	350		387		368	105.1	
R63-3-4	J1	24"X12"	140		291		148	105.7	
R63-3-5	J1	24"X12"	75		172		79	105.3	
R63-3-6	J1	24"X12"	200		347		186	93.0	
R63-3-7	J1	24"X12"	365		409		355	97.3	

R63-3-8	J1	24"X12"	100		321		106	106.0	
R63-3-9	J1	24"X12"	300		316		312	104.0	
R63-3-10	J1	24"X12"	300		498		285	95.0	
R63-3-11	J1	24"X12"	100		241		101	101.0	
R63-3-12	J1	24"X12"	100		230		97	97.0	
R63-3-13	J1	24"X12"	100		46		104	104.0	
R63-3-14	J1	24"X12"	170		321		167	98.2	
R63-3-15	J1	24"X12"	170		303		174	102.4	
R63-3-16	J1	24"X12"	100		178		95	95.0	
R63-3-17	J1	24"X12"	100		197		99	99.0	
R63-3-18	J1	24"X12"	100		104		108	108.0	
R63-3-19	J1	24"X12"	100		169		104	104.0	
R63-3-20	J1	24"X12"	300		220		277	92.3	
R63-3-21	J1	24"x24"	600		201		620	103.3	
R63-3-22	J1	24"X12"	100		304		107	107.0	
R63-3-23	J1	24"X12"	100		290		92	92.0	
R63-3-24	J1	24"X12"	100		216		102	102.0	
R63-3-25	J1	24"X12"	125		200		119	95.2	
R63-3-26	J1	24"X12"	170		205		172	101.2	
R63-3-27	J1	24"X12"	100		19		105	105.0	
R63-3-28	J1	24"X12"	170		205		167	98.2	
R63-3-29	J1	24"X12"	300		260		280	93.3	
R63-3-30	J1	24"X12"	550		629		522	94.9	
R63-3-31	J1	24"X12"	200		240		198	99.0	
R63-3-32	J1	24"x24"	800		705		834	104.3	
R63-3-33	J1	24"X12"	125		150		120	96.0	
R63-3-34	J1	24"X12"	125		162		126	100.8	
R63-3-35	J1	24"X12"	125		174		117	93.6	
R63-3-36	J1	24"X12"	225		255		219	97.3	
R63-3-37	J1	24"X12"	400		462		398	99.5	
R63-3-38	J1	24"X12"	300		321		310	103.3	
R63-3-39	J1	24"x24"	900		1055		926	102.9	
R63-3-40	J2	24"x24"	600		745		587	97.8	
R63-3-41	J2	24"x24"	600		636		597	99.5	
R63-3-42	J1	24"x24"	600		744		583	97.2	
R63-3-43	J1	24"X12"	100		133		105	105.0	
R63-3-44	J1	24"X12"	100		125		109	109.0	
R63-3-45	J1	24"X12"	100		146		95	95.0	
R63-3-46	J1	24"X12"	135		178		129	95.6	
R63-3-47	J1	24"X12"	225		274		234	104.0	
R63-3-48	J2	24"x24"	1100		1326		1065	96.8	
R63-3-49	J2	24"x24"	1100		1244		1009	91.7	
R63-3-50	J1	24"X12"	100		134		105	105.0	
R63-4-1	J1	24"X12"	120		381		107	89.2	
R63-4-2	J1	24"X24"	735		1495		713	97.0	
R63-4-3	J1	24"X12"	115		245		104	90.4	
R63-4-4	J1	24"X12"	75		246		69	92.0	
R63-4-5	J1	24"X12"	100		307		92	92.0	
R63-4-6	J1	24"X12"	100		259		105	105.0	
R63-4-7	J1	24"X12"	325		421		314	96.6	
R63-4-8	J1	24"X12"	220		404		205	93.2	
R63-4-9	J1	24"X24"	620		456		605	97.6	
R63-4-10	J1	24"X12"	220		298		218	99.1	
R63-4-11	J1	24"X12"	220		163		230	104.5	
R63-4-12	J1	24"X24"	830		436		824	99.3	
R63-4-13	J1	24"X12"	100		97		105	105.0	
R63-4-14	J1	24"X12"	220		101		204	92.7	
R63-4-15	J1	24"X12"	100		67		109	109.0	
R63-4-16	J1	24"X12"	100		91		99	99.0	
R63-4-17	J1	24"X12"	100		32		101	101.0	
R63-4-18	J1	24"X12"	350		578		329	94.0	
R63-4-19	J1	24"X12"	115		301		109	94.8	
R63-4-20	J1	24"X12"	175		620		168	96.0	
R63-4-21	J1	24"X12"	100		380		107	107.0	
R63-4-22	J1	24"X12"	100		322		95	95.0	
R63-4-23	J1	24"X12"	100		130		105	105.0	
R63-4-24	J1	24"X12"	100		106		95	95.0	
R63-4-25	J1	24"X12"	100		129		108	108.0	
R63-4-26	J1	24"X12"	100		50		105	105.0	

R63-4-27	J1	24"X24"	830		913		837	100.8	
R63-4-28	J1	24"X12"	100		110		94	94.0	
R63-4-29	J1	24"X12"	100		140		98	98.0	
R63-4-30	J1	24"X12"	100		133		105	105.0	
R63-4-31	J1	24"X12"	115		128		116	100.9	
R63-4-32	J1	24"X12"	100		101		91	91.0	
R63-4-33	J2	24"X12"	195		236		208	106.7	
R63-4-34	J2	24"X24"	1165		958		1212	104.0	
R63-4-35	J2	24"X24"	1165		806		1188	102.0	
R63-4-36	J2	24"X24"	1165		1717		1105	94.8	
R63-6-1	H1	30"X12"	900		1055		922	102.4	
R63-6-2	H1	30"X24"	1500						

Diffuser Supply (GRD)

63-1-01/6-1512

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-01-1	6-1006-1	A1	6"	155	198	153	98.7
63-1-01-2	6-1006-1	A1	6"	155	224	151	97.4
63-1-01-3	6-1006-1	A1	6"	155	203	166	107.1
63-1-01-4	6-1200	A1	6"	155	219	160	103.2
63-1-01-5	6-1200	A1	6"	160	198	169	105.6

63-1-02/2ND FLR CONNECTOR

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-02-1	1ST FLR CONNECTOR	S1	8"	165	225	172	104.2
63-1-02-2	1ST FLR CONNECTOR	S1	8"	165	198	158	95.8
63-1-02-3	1ST FLR CONNECTOR	S1	8"	165	216	162	98.2
63-1-02-4	1ST FLR CONNECTOR	S1	8"	165	205	168	101.8
63-1-02-5	1ST FLR CONNECTOR	S1	8"	165	224	172	104.2
63-1-02-6	1ST FLR CONNECTOR	S1	8"	165	203	177	107.3
63-1-02-7	1ST FLR CONNECTOR	S1	8"	165	198	175	106.1
63-1-02-8	1ST FLR CONNECTOR	S1	8"	165	222	160	97.0
63-1-02-9	1ST FLR CONNECTOR	S1	8"	165	182	152	92.1
63-1-02-10	1ST FLR CONNECTOR	S1	8"	165	200	165	100.0
63-1-02-11	1ST FLR CONNECTOR	S1	8"	160	189	166	103.8
63-1-02-12	1ST FLR CONNECTOR	S1	8"	160	188	155	96.9
63-1-02-13	1ST FLR CONNECTOR	A1	8"	225	224	216	96.0
63-1-02-14	1ST FLR CONNECTOR	A1	8"	225	188	240	106.7

63-1-03/6-1510

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-03-1	6-1002	A1	8"	190	253	197	103.7
63-1-03-2	6-1002	A1	8"	180	220	175	97.2
63-1-03-3	6-1002	A1	8"	180	198	173	96.1
63-1-03-4	6-1002	A1	8"	180	184	185	102.8
63-1-03-5	6-1002	A1	8"	180	166	182	101.1
63-1-03-6	6-1002	S1	10"	200	199	175	87.5
63-1-03-7	6-1002	S1	10"	200	202	198	99.0
63-1-03-8	6-1002	S1	10"	200	153	206	103.0
63-1-03-9	6-1002	S1	10"	200	201	212	106.0
63-1-03-10	6-1002	S1	10"	200	239	198	99.0

63-1-04/6-1004

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-04-1	6-1510	A1	6"	75	163	76	101.3
63-1-04-2	6-1501	A1	6"	75	177	70	93.3
63-1-04-3	6-1507-1	A1	6"	100	177	101	101.0
63-1-04-4	6-1500	A1	8"	200	44	197	98.5
63-1-04-5	6-1500	S1	10"	200	281	206	103.0
63-1-04-6	6-1513	A1	6"	100	163	109	109.0

63-1-05/6-1101

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-05-1	6-1004	A1	6"	135	164	134	99.3
63-1-05-2	6-1004	A1	6"	135	174	130	96.3
63-1-05-3	6-1004	A1	6"	135	164	139	103.0
63-1-05-4	6-1004	A1	6"	135	160	145	107.4
63-1-05-5	6-1004	A2	6"	130	161	127	97.7
63-1-05-6	6-1003	A1	6"	50	102	51	102.0
63-1-05-7	6-1002	A1	6"	75	148	76	101.3

63-1-06/6-1102

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-06-1	6-1101	A1	6"	125	176	137	109.6
63-1-06-2	6-1101	A1	6"	125	143	122	97.6
63-1-06-3	6-1101	A1	6"	125	171	122	97.6
63-1-06-4	6-1102A	A2	6"	75	143	70	93.3

63-1-07/6-1102

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-07-1	6-1103	A1	6"	50	83	48	96.0
63-1-07-2	6-1102	A1	6"	90	90	96	106.7

63-1-08/6-1104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-08-1	6-1104	A1	10"	300	361	303	101.0

63-1-09/6-1512

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-09-1	6-1511	A1	6"	125	124	114	91.2
63-1-09-2	6-1512	A1	6"	120	138	129	107.5

63-1-10/6-1115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-10-1	6-1116	A1	6"	100	206	101	101.0
63-1-10-2	6-1116	A1	6"	80	127	76	95.0
63-1-10-3	6-1114	A1	6"	150	130	148	98.7
63-1-10-4	6-1116	A1	6"	100	148	92	92.0

63-1-11/6-1115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-11-1	6-1115	A1	8"	200	232	197	98.5

63-1-12/6-1110

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-12-1	6-1111	A1	6"	120	238	115	95.8
63-1-12-2	6-1113	A1	6"	120	22	128	106.7

63-1-13/6-1100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-13-1	6-1110	A1	6"	120	145	129	107.5
63-1-13-2	6-1112	A1	6"	120	123	116	96.7

63-1-14/6-1100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-14-1	6-1100	A1	6"	150	242	152	101.3
63-1-14-2	HALL	A1	6"	115	90	109	94.8
63-1-14-3	6-1100	A1	6"	150	226	149	99.3
63-1-14-4	6-1116	A1	6"	115	224	116	100.9

63-1-15/6-1109

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-15-1	6-1108	A1	6"	120	150	119	99.2
63-1-15-2	6-1109	A1	6"	120	140	130	108.3

63-1-16/6-1118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-16-1	6-1106	A1	6"	120	43	125	104.2
63-1-16-2	6-1107	A1	6"	120	285	127	105.8

63-1-17/6-1118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-17-1	6-1118	A1	6"	90	117	96	106.7
63-1-17-2	6-1119	A1	6"	90	108	95	105.6

63-1-18/6-1121

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-1-18-1	6-1120	A1	6"	90	91	93	103.3
63-1-18-2	6-1121	A1	6"	90	107	87	96.7

63-2-01/6-2008

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-01-1	6-2008	A1	6"	110	201	115	104.5
63-2-01-2	6-2200	A1	8"	225	44	226	100.4
63-2-01-3	6-2008	A1	6"	115	166	112	97.4
63-2-01-4	6-2009	A1	6"	200	204	211	105.5
63-2-01-5	6-2011	A2	6"	50	86	54	108.0
63-2-01-6	6-2008	A1	6"	115	40	121	105.2
63-2-01-7	6-2010	A2	6"	50	184	54	108.0
63-2-01-8	6-2008	A1	6"	115	195	109	94.8

63-2-02/6-2211

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-02-1	6-2203	A1	6"	100	152	108	108.0
63-2-02-2	6-2204	A1	6"	100	136	98	98.0
63-2-02-3	6-2210	A1	6"	100	145	101	101.0
63-2-02-4	6-2211	A1	6"	100	162	94	94.0

63-2-04/6-2001

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-04-1	6-2001	A1	10"	325	422	312	96.0
63-2-04-2	6-2001	A1	10"	325	456	348	107.1

63-2-05/6-2007

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-05-1	6-2007	S3	12"	320	356	313	97.8
63-2-05-2	6-2007	S3	12"	320	299	310	96.9
63-2-05-3	6-2007	S3	12"	320	316	332	103.8
63-2-05-4	6-2007	S3	12"	320	338	335	104.7

63-2-06/6-2100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-06-1	6-2005	A1	6"	150	170	154	102.7
63-2-06-2	6-2006	A1	8"	185	164	188	101.6
63-2-06-3	6-2006	A1	8"	185	183	191	103.2
63-2-06-4	6-2006	A1	8"	185	187	187	101.1
63-2-06-5	6-2006			185	179	176	95.1
63-2-06-6	6-2007	A1	8"	185	204	169	91.4
63-2-06-7	6-2007	A1	8"	185	162	180	97.3
63-2-06-8	6-2107	A1	6"	105	90	106	101.0

63-2-07/6-2100

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-07-1	6-2002-1	A1	8"	220	60	224	101.8
63-2-07-2	6-2002-1	A1	8"	220	480	240	109.1
63-2-07-3	6-2002-1	A1	8"	220	480	214	97.3
63-2-07-4	HALL	A1	8"	220	34	205	93.2
63-2-07-5	6-2111	A1	6"	75	32	77	102.7
63-2-07-6	6-2112	A1	6"	150	50	137	91.3
63-2-07-7	6-2102	A1	6"	110	248	111	100.9
63-2-07-8	6-2100	A1	8"	170	469	186	109.4
63-2-07-9	6-2100	A1	8"	170	53	163	95.9

63-2-08/6-2206

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-08-1	6-2206	A1	6"	100	123	102	102.0
63-2-08-2	6-2207	A1	6"	100	128	104	104.0

63-2-09/6-2208

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-09-1	6-2208	A1	8"	175	211	174	99.4

63-2-10/6-2106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-10-1	6-2105	A1	8"	175	263	182	104.0
63-2-10-2	6-2105	A1	8"	175	245	164	93.7
63-2-10-3	6-2105	A1	8"	175	241	165	94.3
63-2-10-4	6-2105	A1	8"	185	279	180	97.3
63-2-10-5	6-2105	A1	8"	175	199	176	100.6

63-2-11/6-2005

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-11-1	6-2106	A1	8"	220	18	207	94.1
63-2-11-2	6-2106	S1	10"	220	233	226	102.7
63-2-11-3	6-2106	A1	8"	220	282	230	104.5
63-2-11-4	6-2501	A1	8"	220	265	235	106.8
63-2-11-5	6-2502	A1	6"	75	34	71	94.7
63-2-11-6	6-2501	S1	10"	220	363	207	94.1

63-2-12/6-2005

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-12-1	6-2005	S1	12"	245	274	264	107.8
63-2-12-2	6-2005	S1	12"	245	289	251	102.4
63-2-12-3	6-2005	S1	12"	245	224	233	95.1
63-2-12-4	6-2005	S1	12"	245	276	251	102.4
63-2-12-5	6-2005	S1	12"	245	237	239	97.6
63-2-12-6	6-2005	S1	12"	245	281	249	101.6
63-2-12-7	6-2005	S1	12"	245	246	247	100.8

63-2-13/6-1002

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-13-1	6-2004	A1	8"	300	305	305	101.7
63-2-13-2	6-2003	S3	12"	450	439	439	97.6
63-2-13-3	6-2003	S3	12"	450	450	450	100.0

63-2-14/6-2105 OFFICE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-14-1	6-2002-1	A1	6"	145		152	104.8
63-2-14-2	6-2002-1	A1	6"	150		158	105.3
63-2-14-3	6-2002-1	A1	6"	150		162	108.0
63-2-14-4	6-2002-1	S2	12"	255		244	95.7
63-2-14-5	6-2002-1	S2	12"	255		265	103.9
63-2-14-6	6-2002-1	S2	12"	255		262	102.7
63-2-14-7	6-2002-1	S2	12"	255		250	98.0
63-2-14-8	6-2002-1	S2	12"	255		244	95.7
63-2-14-9	STAIRWELL	S2	12"	275		292	106.2
63-2-14-10	STAIRWELL	S2	12"	275		269	97.8
63-2-14-11	STAIRWELL	S2	12"	275		284	103.3
63-2-14-12	STAIRWELL	S2	12"	275		288	104.7
63-2-14-13	STAIRWELL	S2	12"	275		274	99.6
63-2-14-14	STAIRWELL	S2	12"	275		280	101.8
63-2-14-15	STAIRWELL	S2	12"	275		286	104.0

63-2-15/6-2105 OFFICE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-15-1	6-2105 OFFICE	A1	6"	100	156	99	99.0

63-2-16/6-2103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-16-1	2ND FLR CONNECTOR	S2	8"	165	107	167	101.2
63-2-16-2	2ND FLR CONNECTOR	S2	8"	165	146	174	105.5
63-2-16-3	2ND FLR CONNECTOR	S2	8"	165	121	160	97.0
63-2-16-4	2ND FLR CONNECTOR	S2	8"	165	117	162	98.2
63-2-16-5	2ND FLR CONNECTOR	S2	8"	165	141	172	104.2
63-2-16-6	2ND FLR CONNECTOR	S2	8"	165	120	171	103.6
63-2-16-7	2ND FLR CONNECTOR	S2	8"	165	88	163	98.8
63-2-16-8	2ND FLR CONNECTOR	S2	8"	165	109	166	100.6
63-2-16-9	2ND FLR CONNECTOR	S2	8"	165	127	175	106.1
63-2-16-10	2ND FLR CONNECTOR	S2	8"	165	127	169	102.4
63-2-16-11	2ND FLR CONNECTOR	S2	8"	160	107	158	98.8
63-2-16-12	2ND FLR CONNECTOR	S2	8"	160	115	164	102.5
63-2-16-13	2ND FLR CONNECTOR	A1	8"	225	119	204	90.7
63-2-16-14	2ND FLR CONNECTOR	A1	8"	225	138	235	104.4

63-2-17/6-2103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-17-1	6-2103	A1	6"	150	163	150	100.0

63-2-18/6-2205

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-18-1	6-2205	P1	10"	300	388	306	102.0

63-2-19/6-2215

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-19-1	6-2213	A1	8"	185	225	187	101.1
63-2-19-2	6-2213	A1	8"	185	220	180	97.3

63-2-20/6-2215

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-2-30-1	6-2215	A1	6"	100	117	103	103.0
63-2-30-2	6-2215	A1	6"	100	120	93	93.0

63-3-01/6-3103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-01-1	6-3002	A1	8"	165	222	169	102.4
63-3-01-2	6-3201	A1	6"	115	0	122	106.1
63-3-01-3	6-3201	A1	6"	110	0	108	98.2
63-3-01-4	6-3200	A1	8"	165	267	175	106.1
63-3-01-5	6-3003	A2	6"	50	114	52	104.0
63-3-01-6	6-3200	A1	8"	165	283	180	109.1

63-3-02/6-3222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-02-1	6-3103	A1	8"	200	256	207	103.5
63-3-02-2	6-3103	A1	8"	200	272	211	105.5
63-3-02-3	6-3103	A1	8"	200	247	205	102.5
63-3-02-4	6-3103	A1	8"	200	283	209	104.5

63-3-03/6-3222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-03-1	6-3223	A1	10"	300	335	302	100.7
63-3-03-2	6-3223	A1	10"	300	362	308	102.7
63-3-03-3	6-3223	A1	10"	300	348	311	103.7

63-3-04/6-3206 HALL

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-04-1	6-3204	A1	6"	100	118	108	108.0
63-3-04-2	6-3214	A1	6"	100	112	105	105.0
63-3-04-3	6-3216	A1	6"	100	116	102	102.0

63-3-05/6-3206 HALL

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-05-1	6-3207	A1	6"	135	135	140	103.7
63-3-05-2	6-3206	A1	6"	135	152	138	102.2
63-3-05-3	6-3206 HALL	A1	6"	130	220	125	96.2

63-3-06/6-3220

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-06-1	6-3320	A1	10"	300	318	302	100.7
63-3-06-2	6-3320	A1	10"	300	380	325	108.3

63-3-07/6-3224

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-07-1	6-3137	A1	6"	140	185	145	103.6
63-3-07-2	6-3229	A1	6"	120	169	126	105.0
63-3-07-3	6-3224	A2	6"	100	140	104	104.0

63-3-08/6-3225

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-08-1	6-3211	A1	8"	225	187	220	97.8
63-3-08-2	6-3225	A1	6"	125	164	126	100.8

63-3-09/6-3000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-09-1	6-3000-1	S1	10"	185	208	186	100.5
63-3-09-2	6-3000-1	S1	10"	185	209	198	107.0
63-3-09-3	6-3000-1	S1	10"	185	236	194	104.9
63-3-09-4	6-3000-1	S1	10"	185	183	173	93.5
63-3-09-5	6-3000-1	S1	10"	185	160	177	95.7
63-3-09-6	6-3000-1	S1	10"	185	233	179	96.8
63-3-09-7	6-3000-1	S1	10"	185	204	182	98.4
63-3-09-8	6-3000-1	S1	10"	185	258	199	107.6
63-3-09-9	6-3000-1	S1	10"	185	234	198	107.0
63-3-09-10	6-3000-1	S1	10"	185	250	173	93.5

63-3-10/6-3000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-10-1	6-3000-1	A1	8"	160	227	165	103.1
63-3-10-2	6-3001	A2	6"	50	94	52	104.0
63-3-10-3	6-3000-1	A1	8"	160	164	170	106.3
63-3-10-4	6-3000-1	A1	8"	160	195	161	100.6

63-3-11/6-3205

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-11-1	6-3205	A1	10"	300	196	311	103.7
63-3-11-2	6-3205	A1	10"	300	250	309	103.0

63-3-12/6-3126

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-12-1	6-3206 OFFICE	A1	10"	300	323	308	102.7
63-3-12-2	6-3206 OFFICE	A1	10"	300	346	318	106.0

63-3-13/6-3203

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-13-1	6-3129	A1	6"	100	138	98	98.0
63-3-13-2	6-3131	A1	6"	100	145	95	95.0
63-3-13-3	6-3125	A1	6"	100	162	105	105.0
63-3-13-4	6-3126	A1	6"	100	140	101	101.0

63-3-14/6-3203

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-14-1	6-3133	A1	6"	120	141	123	102.5
63-3-14-2	6-3203	A1	6"	135	159	139	103.0
63-3-14-3	6-3202	A2	6"	45	71	49	108.9
63-3-14-4	6-3228	A1	6"	125	110	121	96.8

63-3-15/6-3104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-15-1	6-3104	A1	8"	200	244	195	97.5

63-3-16/6-3121

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-16-1	6-3121	A1	8"	170	223	178	104.7
63-3-16-2	6-3136	A1	6"	90	118	92	102.2
63-3-16-3	6-3135-1	A1	6"	90	120	98	108.9

63-3-17/6-3112

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-17-1	6-3113	A1	6"	100	143	106	106.0
63-3-17-2	6-3117	A1	6"	100	144	104	104.0
63-3-17-3	6-3112	A1	6"	100	156	101	101.0
63-3-17-4	6-3116	A1	6"	100	150	103	103.0

63-3-18/6-3114

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-18-1	6-3118	A1	6"	75	115	72	96.0
63-3-18-2	6-3137	A1	6"	125	250	130	104.0
63-3-18-3	6-3122	A1	6"	50	75	52	104.0
63-3-18-4	6-3127	A1	6"	50	66	54	108.0
63-3-18-5	6-3114	A1	6"	140	105	148	105.7
63-3-18-6	6-3135-A	A1	6"	110	112	108	98.2
63-3-18-7	6-3135-2	A1	6"	105	77	105	100.0

63-3-19/6-3123

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-19-1	6-3123	A1	8"	200	229	206	103.0

63-3-20/6-3505

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-20-1	6-3502	A2	6"	50	134	52	104.0
63-3-20-2	6-3503	A2	6"	50	102	54	108.0
63-3-20-3	6-3135-1	A1	8"	185	227	187	101.1
63-3-20-4	6-3505	A1	6"	120	118	126	105.0
63-3-20-5	6-3501	S1	10"	220	266	213	96.8
63-3-20-6	6-3501	A1	8"	180	293	184	102.2

63-3-21/6-3106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-21-1	6-3105	A1	8"	275	315	269	97.8
63-3-21-2	6-3105	A1	8"	275	303	280	101.8

63-3-22/6-3106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-22-1	6-3106	A1	10"	300	330	309	103.0
63-3-22-2	6-3107	A1	10"	300	316	299	99.7

63-3-23/6-3504

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-23-1	6-3504	A1	8"	165	225	170	103.0
63-3-23-2	6-3504	A1	8"	165	242	168	101.8
63-3-23-3	6-3504	S1	10"	165	265	172	104.2
63-3-23-4	6-3504	S1	10"	165	218	165	100.0
63-3-23-5	6-3504	S1	10"	165	240	177	107.3

63-3-25/6-3110

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-251	6-3110	A1	12"	365	516	377	103.3

63-3-26/6-3115

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-26-1	6-3102	A1	6"	100	139	109	109.0
63-3-26-2	6-3119	A1	6"	100	134	106	106.0
63-3-26-3	6-3115	A1	6"	100	140	107	107.0
63-3-26-4	6-3111	A1	6"	100	146	102	102.0

63-3-28/6-3120

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-28-1	6-3124	A1	6"	125	116	126	100.8
63-3-28-2	6-3120	A1	8"	170	147	188	110.6

63-3-29/6-3209

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-29-1	6-3209	A1	6"	125	145	130	104.0
63-3-29-2	6-3210	A1	6"	125	137	126	100.8

63-3-24/6-3109

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-34-1	6-3108	A1	10"	300	326	308	102.7
63-3-34-2	6-3109	A1	10"	300	327	303	101.0

63-3-27/6-3101

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-3-37-1	6-3128	A1	8"	170	258	172	101.2
63-3-37-2	6-3101	A1	8"	170	260	178	104.7
63-3-37-3	HALL	A1	6"	145	105	150	103.4

63-4-01/6-4210

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-01-1	6-4001	A1	6"	120	72	122	101.7
63-4-01-2	6-4210	A1	8"	195	215	191	97.9
63-4-01-3	6-4001	A1	6"	120	125	129	107.5
63-4-01-4	6-4001	A1	6"	120	128	121	100.8
63-4-01-5	6-4003	A2	6"	50	113	48	96.0
63-4-01-6	6-4001	A1	6"	135	121	125	92.6

63-4-02/6-4222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-02-1	6-4220	A1	6"	100	117	104	104.0
63-4-02-2	6-4222	A1	6"	100	125	109	109.0

63-4-03/6-4212

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-03-1	6-4212	A1	8"	160	195	164	102.5

63-4-04/6-4000-1

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-04-1	6-4000-2	S1	8	185	156	168	90.8
63-4-04-2	6-4000-2	S1	8	185	153	201	108.6
63-4-04-3	6-4000-2	S1	8	185	169	182	98.4
63-4-04-4	6-4000-2	S1	8	185	208	169	91.4
63-4-04-5	6-4000-2	S1	8	185	187	194	104.9
63-4-04-6	6-4000-2	S1	8	185	231	196	105.9
63-4-04-7	6-4000-2	S1	8	185	234	201	108.6
63-4-04-8	6-4000-2	S1	8	185	186	191	103.2
63-4-04-9	6-4000-2	S1	8	185	235	189	102.2
63-4-04-10	6-4000-2	S1	8	185	192	184	99.5

63-4-05/6-4213

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-05-1	6-4000-2	A1	8"	210	217	216	102.9
63-4-05-2	6-4000-2	A1	8"	205	230	209	102.0

63-4-06/6-4213

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-06-1	6-4200-2	A1	8"	150	165	152	101.3
63-4-06-2	6-4213	A1	8"	205	268	210	102.4
63-4-06-3	6-4213	A1	8"	205	265	217	105.9
63-4-06-4	6-4213	A1	8"	210	312	211	100.5
63-4-06-5	6-4231	A1	6"	145	0	146	100.7

63-4-07/6-4119

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-07-1	6-4119	A1	6"	100	137	101	101.0
63-4-07-2	6-4203	A1	6"	100	114	104	104.0
63-4-07-3	6-4204	A1	6"	115	114	111	96.5

63-4-08/6-4206

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-08-1	6-4120	A1	6"	100	112	109	109.0
63-4-08-2	6-4121	A1	6"	100	118	105	105.0
63-4-08-3	6-4205	A1	6"	100	124	106	106.0
63-4-08-4	6-4206	A1	6"	100	108	108	108.0

63-4-09/6-4209

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-09-1	6-4122	A1	6"	100	124	105	105.0
63-4-09-2	6-4207	A1	6"	100	125	106	106.0
63-4-09-3	6-4208	A1	6"	100	116	99	99.0
63-4-09-4	6-4209	A1	6"	100	108	110	110.0

63-4-10/6-4123

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-10-1	6-4123	A1	8"	175	211	179	102.3

63-4-11/6-4000-3

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-11-1	6-4000-3	S1	12"	245	256	253	103.3
63-4-11-2	6-4000-3	S1	12"	245	271	247	100.8
63-4-11-3	6-4000-3	S1	12"	245	249	256	104.5
63-4-11-4	6-4000-3	S1	12"	245	305	262	106.9
63-4-11-5	6-4000-3	S1	12"	245	281	237	96.7
63-4-11-6	6-4000-3	S1	12"	245	235	249	101.6
63-4-11-7	6-4000-3	S1	12"	245	224	231	94.3

63-4-12/6-4104

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-12-1	6-4102	A1	8"	220	242	217	98.6
63-4-12-2	6-4100-2	A1	8"	200	206	204	102.0
63-4-12-3	6-4104	A1	8"	220	256	229	104.1

63-4-13/6-4103

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-13-1	6-4110	A1	6"	100	109	98	98.0
63-4-13-2	6-4109	A1	6"	100	121	95	95.0
63-4-13-3	6-4103	A1	6"	100	153	103	103.0

63-4-14/6-4111

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-14-1	6-4100-2	A1	8"	130	165	132	101.5
63-4-14-2	6-4111	A1	8"	200	225	205	102.5
63-4-14-3	6-4111	A1	8"	200	240	211	105.5
63-4-14-4	6-4101-1	A1	8"	130	150	138	106.2

63-4-15/6-4106

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-15-1	6-4105	A1	8"	220	270	217	98.6
63-4-15-2	6-4106	A1	8"	220	256	229	104.1

63-4-16/6-4107

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-16-1	6-4112	A1	8"	210	258	215	102.4
63-4-16-2	6-4112	A1	8"	205	262	209	102.0
63-4-16-3	6-4112	A1	8"	205	220	216	105.4

63-4-17/6-4107

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-17-1	6-4107	A1	8"	165	325	172	104.2
63-4-17-2	6-4107	A1	8"	160	44	168	105.0

63-4-18/6-4116

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-18-1	6-4113	A1	6"	100	131	106	106.0
63-4-18-2	6-4114	A1	6"	100	129	104	104.0

63-4-19/6-4116

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-19-1	6-4126	A1	6"	50	109	52	104.0
63-4-19-2	6-4101-2	A1	6"	150	146	158	105.3
63-4-19-3	6-4117	A1	6"	75	115	74	98.7
63-4-19-4	6-4100-1	A1	8"	200	184	209	104.5
63-4-19-5	6-4116	A1	6"	115	157	120	104.3
63-4-19-6	6-4100-3	A1	6"	90	99	92	102.2
63-4-19-7	6-4108	A2	6"	50	108	54	108.0

63-4-20/6-4125

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-20-1	6-4125	A1	8"	200	262	208	104.0

63-4-21/6-4505

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-21-1	6-4502	A2	6"	50	124	50	100.0
63-4-21-2	6-4503	A2	6"	50	130	46	92.0
63-4-21-3	HALL	A1	8"	185	315	175	94.6
63-4-21-4	6-4505	A1	6"	120	151	122	101.7
63-4-21-5	ELEV LOBBY	S1	10"	220	46	223	101.4
63-4-21-6	HALL	A1	8"	180	48	181	100.6

63-4-22/6-4118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-22-1	6-4504	S1	10"	185	194	175	94.6
63-4-22-2	6-4504	A1	8"	180	129	186	103.3
63-4-22-3	6-4504	A1	8"	185	179	192	103.8
63-4-22-4	6-4504	S1	10"	185	178	194	104.9

63-4-23/6-4118

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-4-23-1	6-4118	A1	6"	100	98	98	98.0

63-5-01/5TH FLR WEST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-5-01-1	5TH FLR NORTH	F1	24"X10"	400	492	421	105.3
63-5-01-2	5TH FLR NORTH	F1	24"X10"	400	487	409	102.3
63-5-01-3	5TH FLR NORTH	F1	24"X10"	400	521	414	103.5
63-5-01-4	5TH FLR NORTH	F1	24"X10"	400	501	424	106.0

63-5-02/5TH FLR WEST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-5-02-1	6-5000-1	S1	10"	185	178	180	97.3
63-5-02-2	6-5000-1	S1	10"	185	220	201	108.6
63-5-02-3	6-5000-1	S1	10"	185	235	199	107.6
63-5-02-4	6-5000-1	S1	10"	185	186	192	103.8
63-5-02-5	6-5000-1	S1	10"	185	226	189	102.2
63-5-02-6	6-5000-1	S1	10"	185	218	180	97.3
63-5-02-7	6-5000-1	S1	10"	185	231	200	108.1
63-5-02-8	6-5000-1	S1	10"	185	227	172	93.0
63-5-02-9	6-5000-1	S1	10"	185	161	183	98.9
63-5-02-10	6-5000-1	S1	10"	185	238	179	96.8

63-6-01/6TH FLR SOUTHEAST

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
63-6-01-1	MECH RM	F1	16"X10"	500	549	498	99.6
63-6-01-2	MECH RM	F1	16"X10"	500	601	521	104.2
63-6-01-3	MECH RM	F1	16"X10"	500	571	514	102.8

63-1-19/6-1319

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-1122	A1	6"	90	134	88	97.8
SGRD2	6-1123	A1	6"	50	11	50	100.0

63-2-03/6-2212

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-2201-2	A1	6"	65	102	64	98.5
SGRD2	6-2201-2	A1	6"	65	74	59	90.8
SGRD3	6-2212	A1	8"	205	223	211	102.9
SGRD4	6-2212	A1	8"	205	241	199	97.1
SGRD5	6-2212	A1	8"	200	227	208	104.0
SGRD6	6-2202-2	A1	6"	65	103	64	98.5
SGRD7	6-2300-1	A1	6"	65	108	63	96.9

63-6-02/6-6503

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	6-6503	F1	24"X12"	900	911	906	100.7

Completed By: Tyler Youells on 11/14/2022