



## VAV SUMMARY SHEET

CONSTANT		VARIABLE	X	SINGLE	X	DUAL	
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TERMINAL UNIT	SIZE	ADDRESS	FLOW CALIB.	COOLING				HEATING	
				DESIGN CFM		ACTUAL CFM		DESIGN CFM	ACTUAL CFM
				MIN	MAX	MIN	MAX		
TU-3-1	10	46	2.40	320	800	325	765	320	325
TU-3-2	10	47	2.20	280	700	290	710	280	290
TU-3-3	10	48	2.70	280	700	290	710	280	290
TU-3-4	9	49	2.20	260	640	260	645	260	260
TU-3-5	10	50	2.40	280	700	285	715	280	285
TU-3-6	10	75	2.20	720	720	720	720	720	720
TU-3-7	10	79	2.20	720	720	730	730	720	730
TU-3-8	9	51	1.90	250	620	250	610	250	250
TU-3-9	9	52	2.00	250	620	260	630	250	260
TU-3-10	10	53	2.25	320	780	325	785	320	325
TU-3-11	10	54	2.27	280	700	285	710	280	285
TU-3-12	9	55	2.10	240	600	245	610	240	245
TU-3-13	9	56	2.20	230	570	230	560	230	230
TU-3-14	8	57	2.20	190	470	200	475	190	200
TU-3-15	8	58	2.10	180	440	180	430	180	180
TU-3-16	7	59	2.50	160	380	170	380	160	170
TU-3-17	7	60	2.10	160	380	170	365	160	170
TU-3-18	8	83	2.30	500	500	495	495	500	495

## REMARKS:

\*DUCT STATIC PRESSURE @ +1.5"

CONSTANT		VARIABLE	X	SINGLE	X	DUAL	
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REMARKS:

(1) CONTROLS NOT OPERATING PROPERLY, UNABLE TO CALIBRATE.



## DIFFUSER AND GRILLE TEST SHEET

ROOM	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	DESIGN		INITIAL	FINAL	
					FPM	CFM	CFM	FPM	CFM
3C-134	1	CD	6X6			100	105		105
3C-134A	2	CD	14X14			620	625		625
TOTAL TU-3-7						720	730		730
3C-139	3	CD	6X6			100	110		110
3C-139A	4	CD	14X14			620	610		610
TOTAL TU-3-6						720	720		720
3C-108	5	CD	8X8			150	160		160
3C-138	6	CD	8X8			150	155		160
3C-109	7	CD	6X6			100	135		100
3C-136	8	CD	6X6			130	135		135
3C-110	9	CD	6X6			90	70		95
3C-137	10	CD	6X6			110	115		115
TOTAL TU-3-30						730	770		765
3C-140	11	CD	10X10			350	360		360
3C-140	12	CD	10X10			350	355		355
TOTAL TU-3-5						700	715		715
3C-C3	13	CD	12X12			400	375		380
3C-C2A	14	CD	8X8			190	175		180
3C-105	15	CD	6X6			100	100		105
3C-141	16	CD	8X8			140	170		145
3C-C2B	17	CD	6X6			100	105		105
3C-C2C	18	CD	6X6			70	65		70
3C-C3	19	CD	12X12			400	390		390
TOTAL TU-3-29						1400	1380		1375
3C-104	20	CD	10X10			250	245		245
TOTAL TU-3-27						250	245		245

REMARKS:





## DIFFUSER AND GRILLE TEST SHEET

ROOM	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	DESIGN		INITIAL	FINAL	
					FPM	CFM	CFM	FPM	CFM
3C-100	21	CD	16X16			840	775		790
3C-C1	22	CD	10X10			300	330		320
3C-C1	23	CD	10X10			300	300		295
TOTAL TU-3-22						1440	1405		1405
3C-144	24	CD	10X10			100	55		100
3C-144A	24A	CD	10X10			250	375		260
TOTAL TU-3-26						350	430		360
3C-C7	25	CD	10X10			380	320		350
3C-142	26	CD	6X6			120	80		120
3C-C2	27	CD	10X10			380	310		380
3C-C2	28	CD	10X10			380	280		390
TOTAL TU-3-28						1260	990		1240
3C-146	29	CD	10X10			320	320		320
3C-146	30	CD	10X10			320	325		325
TOTAL TU-3-4						640	645		645
3C-148	31	CD	6X6			150			
3C-153	32	CD	6X6			100			
3C-154	33	CD	6X6			50			
3C-155	34	CD	8X8			450			
TOTAL TU-3-25						750			(1)
3C-149	35	CD	10X10			250	200		260
3C-149A	35A	CD	6X6			100	150		100
TOTAL TU-3-24						350	350		360

## REMARKS:

(1) CONTROLS NOT OPERATING PROPERLY.



## DIFFUSER AND GRILLE TEST SHEET

ROOM	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	DESIGN		INITIAL	FINAL	
					FPM	CFM	CFM	FPM	CFM
3C-C9	36	CD	10X10			300	275		280
3C-152D	37	CD	6X6			70	80		75
3C-152	38	CD	10X10			290	280		285
3C-152A	39	CD	10X10			300	300		300
TOTAL TU-3-23						960	935		940
3C-147	40	CD	10X10			350	330		360
3C-147	41	CD	10X10			350	330		350
TOTAL TU-3-3						700	660		710
3C-150	42	CD	10X10			350	340		370
3C-150	43	CD	10X10			350	310		340
TOTAL TU-3-2						700	650		710
3C-151	44	CD	12X12			400	375		375
3C-151	45	CD	12X12			400	390		390
TOTAL TU-3-1						800	765		765
3C-112	46	CD	6X6			100	105		105
3C-112A	47	CD	12X12			400	395		395
TOTAL TU-3-18						500	500		500
3C-107	48	CD	6X6			100	105		100
3C-107A	49	CD	12X12			400	430		420
TOTAL TU-3-19						500	535		520
3C-106	50	CD	8X8			220	235		235
3C-106	51	CD	8X8			220	210		210
TOTAL TU-3-20						440	445		445

REMARKS:

[illegible]

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## DIFFUSER AND GRILLE TEST SHEET

[illegible]

REMARKS:

(1) INCOMPLETE.





## DIFFUSER AND GRILLE TEST SHEET

ROOM	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	DESIGN		INITIAL	FINAL	
					FPM	CFM	CFM	FPM	CFM
3C-110	81	CR	8X8			70	65		65
3C-137	82	CR	22X22			80	75		75
3C-133	83	CR	22X22			530	475		525
3C-127	84	CR	22X22			530	385		520
3C-130	85	CR	22X22			120	85		125
3C-129	86	CR	22X22			140	115		140
3C-128	87	CR	22X22			140	90		135
3C-C5	88	CR	22X22			800	650		770
3C-136	89	CR	22X22			130	90		135
3C-138	90	CR	22X22			150	110		145
3C-108	91	CR	22X22			150	80		155
3C-109	92	CR	22X22			100	95		105
3C-141	93	CR	22X22			140	105		140
3C-105	94	CR	22X22			120	85		120
3C-140	95	CR	22X22			610	555		595
3C-142	96	CR	22X22			120	85		110
3C-113	97	CR	22X22			290	220		280
3C-120	98	CR	22X22			290	220		285
3C-C3	99	CR	22X22			700	560		685
3C-118	100	CR	22X22			120	85		125
3C-121	101	CR	22X22			350	285		355
3C-122	102	CR	22X22			380	310		385
3C-123	103	CR	22X22			480	365		465
3C-124	104	CR	22X22			510	385		500
3C-125	105	CR	22X22			610	545		600
3C-126	106	CR	22X22			690	490		695
3C-106	107	CR	22X22			350	250		345
3C-C2	108	CR	20X20			1780	1420		1730
3C-101	109	CR	16X16			700	550		690
3C-100	110	CR	20X20			1300	615		1295
3C-144	111	CR	22X22			250	270		270
3C-104	112	CR	22X22			250	180		260
3C-153	113	CR	22X22			100	270		110
3C-144A	114	CR	22X22			100	555		105
3C-155	115	CR	22X22			610	415		625
3C-148	116	CR	22X22			150	110		155
3C-149	117	CR	22X22			250	455		265

REMARKS:



DATE 08/02/11  
PAGE 35  
UNIT 12-AHU-3  
3RD FLOOR  
RETURN

## DIFFUSER AND GRILLE TEST SHEET

[illegible]

## REMARKS:

(1) VFD @ 60 HZ.



## VAV SUMMARY SHEET

CONSTANT		VARIABLE	X	SINGLE	X	DUAL	
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TERMINAL UNIT	SIZE	ADDRESS	FLOW CALIB.	COOLING				HEATING	
				DESIGN CFM		ACTUAL CFM		DESIGN CFM	ACTUAL CFM
				MIN	MAX	MIN	MAX		
TU-4-1	10	91	(1)	320	800	(1)	(1)	320	(1)
TU-4-2	10	92	2.4	280	700	285	795	280	285
TU-4-3	10	93	2.4	280	700	285	700	280	285
TU-4-4	9	94	2.2	260	640	270	660	260	270
TU-4-5	10	95	2.4	280	700	285	705	280	285
TU-4-6	10	120	(1)	720	720	(1)	(1)	720	(1)
TU-4-7	10	134	2.3	720	720	720	720	720	720
TU-4-8	9	96	2.2	250	620	260	630	250	260
TU-4-9	9	97	2.3	250	620	250	610	250	250
TU-4-10	10	98	2.3	320	780	325	775	320	325
TU-4-11	10	99	2.2	250	700	290	710	280	290
TU-4-12	10	100	2.2	240	600	245	600	240	245
TU-4-13	9	101	2.3	220	570	225	590	220	225
TU-4-14	8	102	2.2	190	470	190	475	190	190
TU-4-15	8	103	2.5	180	440	185	450	180	185
TU-4-16	7	104	2.8	160	380	160	400	160	160
TU-4-17	7	105	2.4	160	380	165	390	160	165
TU-4-18	8	128	2.4	500	500	510	510	500	510

## REMARKS:

(1) CONTROLS NOT OPERATING PROPERLY, UNABLE TO CALIBRATE.

\*DUCT STATIC PRESSURE @ +1.5"









## DIFFUSER AND GRILLE TEST SHEET

ROOM	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	DESIGN		INITIAL	FINAL	
					FPM	CFM	CFM	FPM	CFM
4C-130	1	CD	6X6			120			
4C-129	2	CD	8X8			140			
4C-128	3	CD	8X8			140			
4C-118	4	CD	6X6			120			
TOTAL TU-4-32						520			(1)
4C-127	5	CD	14X14			620	560		610
TOTAL TU-4-9						620	560		610
4C-126	6	CD	10X10			390	355		370
4C-126	7	CD	10X10			390	380		405
TOTAL TU-4-10						780	735		775
4C-C4B	8	CD	6X6			80	75		80
4C-C4	9	CD	10X10			350	390		370
4C-C4	10	CD	10X10			400	400		410
TOTAL TU-4-33						830	865		860
4C-125	11	CD	10X10			350	350		360
4C-125	12	CD	10X10			350	345		350
TOTAL TU-4-11						700	695		710
4C-C5	13	CD	12X12			400	425		420
4C-115	14	CD	10X10			330	315		320
4C-C6	15	CD	10X10			300	285		290
4C-116	16	CD	6X6			100	100		110
4C-C3	17	CD	12X12			400	470		410
4C-114	18	CD	6X6			50	80		55
TOTAL TU-4-31						1580	1675		1605

## REMARKS:

(1) UNABLE TO COMMUNICATE WITH CONTROLS.



## DIFFUSER AND GRILLE TEST SHEET

ROOM	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	DESIGN		INITIAL	FINAL	
					FPM	CFM	CFM	FPM	CFM
4C-133	19	CD	14X14			620	630		630
TOTAL TU-4-8						620	630		630
4C-113	20	CD	10X10			380	390		390
TOTAL TU-4-17						380	390		390
4C-120	21	CD	10X10			380	400		400
TOTAL TU-4-16						380	400		400
4C-121	22	CD	8X8			220	220		230
4C-121	23	CD	8X8			220	210		220
TOTAL TU-4-15						440	430		450
4C-122	24	CD	12X12			470	475		475
TOTAL TU-4-14						470	475		475
4C-123	25	CD	12X12			570	590		590
TOTAL TU-4-13						570	590		590
4C-124	26	CD	10X10			300	290		290
4C-124	27	CD	10X10			300	310		310
TOTAL TU-4-12						600	600		600
4C-112	28	CD	6X6			100	95		95
4C-112A	29	CD	12X12			400	415		415
TOTAL TU-4-18						500	510		510

REMARKS:



## DIFFUSER AND GRILLE TEST SHEET

ROOM	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	DESIGN		INITIAL	FINAL	
					FPM	CFM	CFM	FPM	CFM
4C-107	30	CD	6X6			100	105		105
4C-107A	31	CD	12X12			400	410		410
TOTAL TU-4-19						500	515		515
4C-106	32	CD	8X8			220	160		230
4C-106	33	CD	8X8			220	160		220
TOTAL TU-4-20						440	320		450
4C-101	34	CD	10X10			350	345		345
4C-101	35	CD	10X10			350	345		345
TOTAL TU-4-21						700	690		690
4C-134	36	CD	6X6			100	335		105
AC-134A	37	CD	14X14			620	345		615
TOTAL TU-4-7						720	680		720
4C-139	38	CD	6X6			100			
4C-139A	39	CD	14X14			620			
TOTAL TU-4-6						720			(1)
4C-108	40	CD	8X8			150	145		145
4C-138	41	CD	8X8			150	155		155
4C-136	42	CD	6X6			130	115		120
4C-109	43	CD	6X6			100	105		95
4C-110	44	CD	6X6			90	100		95
4C-137	45	CD	6X6			110	70		100
TOTAL TU-4-30						730	690		710
4C-140	46	CD	10X10			350	345		360
4C-140	47	CD	10X10			350	315		345
TOTAL TU-4-5						700	660		705

## REMARKS:

(1) CONTROLS NOT OPERATING PROPERLY.



## DIFFUSER AND GRILLE TEST SHEET

[illegible]

REMARKS:





## DIFFUSER AND GRILLE TEST SHEET

ROOM	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	DESIGN		INITIAL	FINAL	
					FPM	CFM	CFM	FPM	CFM
4C-151	65	CD	12X12			400			
4C-151	66	CD	12X12			400			
TOTAL TU-4-1						800			(1)
4C-144	67	CD	10X10			350	415		345
TOTAL TU-4-26						350	415		345
4C-C7	68	CD	10X10			380	515		400
4C-142	69	CD	6X6			120	130		130
4C-C2	70	CD	10X10			380	320		360
4C-C2	71	CD	10X10			380	310		370
TOTAL TU-4-28						1260	1275		1260
4C-148	72	CD	8X8			150	140		160
4C-153	73	CD	6X6			100	95		105
4C-154	74	CD	6X6			50	75		55
4C-155	75	CD	12X12			450	375		440
TOTAL TU-4-25						750	685		760
4C-149	76	CD	10X10			350	280		350
TOTAL TU-4-24						350	280		350
4C-C9	77	CD	10X10			300	225		320
4C-152D	78	CD	6X6			70	115		75
4C-152	79	CD	10X10			290	285		275
4C-152A	80	CD	10X10			300	345		290
TOTAL TU-4-23						960	970		960
TOTAL SUPPLY AHU-12-4						23,100			(2)

## REMARKS:

(1) CONTROLS NOT OPERATING PROPERLY.

(2) INCOMPLETE.



## DIFFUSER AND GRILLE TEST SHEET

ROOM	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	DESIGN		INITIAL	FINAL	
					FPM	CFM	CFM	FPM	CFM
4C-C3	81	CR	22X22			700	670		690
4C-118	82	CR	22X22			120	115		115
4C-121	83	CR	22X22			350	310		355
4C-122	84	CR	22X22			380	370		370
4C-128	85	CR	22X22			140	140		140
4C-129	86	CR	22X22			140	145		145
4C-130	87	CR	22X22			120	115		115
4C-125	88	CR	22X22			610	625		600
4C-127	89	CR	22X22			530	555		520
4C-138	90	CR	22X22			530	495		510
4C-126	91	CR	22X22			690	760		675
4C-123	92	CR	22X22			480	530		500
4C-124	93	CR	22X22			510	450		485
4C-113	94	CR	22X22			290	350		290
4C-120	95	CR	22X22			290	250		285
4C-110	96	CR	22X22			70	85		75
4C-137	97	CR	22X22			80	60		70
4C-136	98	CR	22X22			130	115		125
4C-138	99	CR	22X22			150	170		145
4C-108	100	CR	22X22			150	165		140
4C-109	101	CR	22X22			100	130		105
4C-141	102	CR	22X22			140	140		135
4C-105	102A	CR	22X22			100	130		120
4C-142	103	CR	22X22			120	115		115
4C-140	103A	CR	22X22			610	745		605
4C-106	104	CR	22X22			350	320		340
4C-101	105	CR	22X22			700	660		690
4C-100	106	CR	22X22			1300	1370		1310
4C-C2	107	CR	22X22			1780	1770		1770
4C-104	108	CR	22X22			250	250		245
4C-153	109	CR	22X22			100	105		110
4C-144	110	CR	22X22			350	350		350
4C-C8	111	CR	22X22			610	525		600
4C-148	112	CR	22X22			150	145		145
4C-149	113	CR	22X22			350	340		340
4C-150	114	CR	22X22			610	560		595
4C-151	115	CR	22X22			710	600		690

REMARKS:







## VAV SUMMARY SHEET

CONSTANT		VARIABLE	X	SINGLE	X	DUAL	
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TERMINAL UNIT	SIZE	ADDRESS	FLOW CALIB.	COOLING				HEATING	
				DESIGN CFM		ACTUAL CFM		DESIGN CFM	ACTUAL CFM
				MIN	MAX	MIN	MAX		
TU-5-1	8	11	2.5	240	470	240	475	240	240
TU-5-2	8	12	2.1	180	450	185	460	180	185
TU-5-3	14	13	(1)	540	1350	(1)	(1)	540	(1)
TU-5-4	9	14	(1)	215	530	(1)	(1)	215	(1)
TU-5-5	6	42	2.0	310	310	325	325	310	325
TU-5-6	6	46	1.8	310	310	325	325	310	325
TU-5-7	10	15	(1)	350	880	(1)	(1)	350	(1)
TU-5-8	10	16	2.7	280	700	250	680	280	280
TU-5-9	10	17	(1)	280	700	(1)	(1)	280	(1)
TU-5-10	10	18	2.1	300	740	310	750	300	310
TU-5-11	10	19	2.4	300	730	305	745	300	305
TU-5-12	9	20	2.2	260	640	270	655	260	270
TU-5-13	9	21	2.0	240	580	250	600	240	250
TU-5-14	9	22	2.9	220	510	225	510	220	225
TU-5-15	8	23	2.5	170	420	175	430	170	175
TU-5-16	10	24	2.5	320	800	325	805	320	325
TU-5-17	8	25	2.2	170	420	175	430	170	175
TU-5-18	8	26	2.4	170	420	180	430	170	180

## REMARKS:

(1) CONTROLS NOT OPERATING PROPERLY, UNABLE TO CALIBRATE.

\*DUCT STATIC PRESSURE @ +1.5".







## DIFFUSER AND GRILLE TEST SHEET

ROOM	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	DESIGN		INITIAL	FINAL	
					FPM	CFM	CFM	FPM	CFM
5C-C3A	1	CD	18X12			400	410		410
TOTAL TU-5-30						400	410		410
5C-C3	2	CD	8X8			150	150		150
5C-C3	3	CD	8X8			150	160		160
TOTAL TU-5-29						300	310		310
5C-133	4	CD	12X12			555	545		550
5C-133	5	CD	12X12			555	555		560
5C-139	5A	CD	6X6			90	140		95
5C-133	6	CD	12X12			555	505		535
5C-133	7	CD	12X12			555	580		570
TOTAL TU-5-28						2310	2325		2310
5C-135	8	CD	6X6			100	135		110
5C-C4	9	CD	10X10			320	365		320
5C-109	10	CD	6X6			50	85		55
5C-C4	11	CD	10X10			320	345		310
TOTAL TU-5-27						790	930		795
5C-134	12	CD	6X6			80			
5C-143	13	CD	12X12			450			
TOTAL TU-5-4						530			(1)
5C-131A	14	CD	10X10			240	245		250
5C-131	15	CD	6X6			70	125		75
TOTAL TU-5-6						310	370		325
5C-130	16	CD	12X12			440			
5C-130	17	CD	12X12			440			
TOTAL TU-5-7						880			(1)

REMARKS:

(1) CONTROLS NOT OPERATING PROPERLY.



## DIFFUSER AND GRILLE TEST SHEET

ROOM	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	DESIGN		INITIAL	FINAL	
					FPM	CFM	CFM	FPM	CFM
5C-129	18	CD	10X10			350	315		330
5C-129	19	CD	10X10			350	325		350
TOTAL TU-5-8						700	640		680
5C-C6	20	CD	12X12			645			
5C-C6	21	CD	12X12			645			
TOTAL TU-5-32						1290			(1)
5C-123	22	CD	10X10			350			
5C-123	23	CD	10X10			350			
TOTAL TU-5-9						700			(1)
5C-122	24	CD	10X10			370	355		365
5C-122	25	CD	10X10			370	375		385
TOTAL TU-5-10						740	730		750
	26	(2)							
5C-125	27	CD	6X6			130			
5C-112	28	CD	12X12			250			
5C-126	29	CD	6X6			80			
5C-119	30	CD	12X12			300			
5C-120	31	CD	8X8			200			
5C-C5	32	CD	12X12			430			
TOTAL TU-5-33						1390			(1)
5C-121	33	CD	10X10			365	340		380
5C-121	34	CD	10X10			365	325		365
TOTAL TU-5-11						730	665		745

## REMARKS:

(1) CONTROLS NOT OPERATING PROPERLY.

(2) NUMBER NOT USED.