



## DIFFUSER AND GRILLE TEST SHEET

ROOM	OUTLET NO.	CODE	SIZE	EFFECTIVE AREA	DESIGN		INITIAL	FINAL	
					FPM	CFM	CFM	FPM	CFM
3C-152C	1	CE	8X8			90	95		95
3C-152B	2	CE	22X22			90	90		90
3C-152A	3	CE	22X22			260	255		255
3C-152D	4	CE	22X22			130	125		125
3C-152E	5	CE	22X22			90	90		90
3C-154	6	CE	22X22			50	75		55
3C-156	7	CE	22X22			140	155		150
3C-103	8	CE	22X22			70	85		80
3C-102	9	CE	22X22			70	80		80
3C-143	10	CE	22X22			50	70		55
3C-146A	11	CE	8X8			90	110		100
3C-147A	12	CE	8X8			90	100		100
3C-150A	13	CE	8X8			90	120		100
3C-151A	14	CE	8X8			90	115		100
3C-106A	15	CE	8X8			90	105		100
3C-111	16	CE	8X8			90	85		100
3C-113A	17	CE	8X8			90	135		100
3C-140A	18	CE	8X8			90	75		90
3C-135	19	CE	22X22			90	60		85
3C-133A	20	CE	8X8			90	95		95
3C-115A	21	CE	22X22			90	75		85
3C-115	22	CE	22X22			390	355		360
3C-114	23	CE	22X22			50	90		55
3C-116	24	CE	22X22			230	195		215
3C-127A	25	CE	8X8			90	95		95
3C-131	26	CE	22X22			90	95		95
3C-126A	27	CE	8X8			90	85		85
3C-117	28	CE	22X22			130	130		130
3C-120A	29	CE	8X8			90	115		90
3C-121A	30	CE	8X8			90	90		90
3C-124A	31	CE	8X8			90	85		85
3C-123A	32	CE	8X8			90	70		85
3C-122A	33	CE	8X8			90	60		85
3C-125A	34	CE	8X8			90	105		100
TOTAL 12-EF-3						3640	3765		3700

REMARKS:



## VAV SUMMARY SHEET

CONSTANT	X	VARIABLE		SINGLE	X	DUAL	
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[illegible]

REMARKS:

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

[illegible]

(1) CONTROLS NOT OPERATING PROPERLY.



## VAV SUMMARY SHEET

CONSTANT	X	VARIABLE		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		
AG.1	10	52	2.5	240	240	242	242	-	-
AG.2	10	54	2.9	240	240	244	244	-	-
A2.1	10	43	2.4	460	460	469	469	-	-
A2.2	10	44	2.5	0	0	0	0	-	-
A2.3	6	45	(1)	90	90	(1)	(1)	-	-
A2.4	10	39	1.5	460	460	480	480	-	-
A2.5	10	40	2.5	0	0	0	0	-	-
A2.6	6	41	(1)	90	90	(1)	(1)	-	-
A3.1	10	88	2.7	460	460	465	465	-	-
A3.2	10	89	2.4	0	0	0	0	-	-
A3.3	6	90	2.9	90	90	90	90	-	-
A3.4	10	84	(1)	460	460	(1)	(1)	-	-
A3.5	10	85	2.8	0	0	0	0	-	-
A3.6	6	86	3.4	90	90	90	90	-	-
A4.1	10	133	2.6	460	460	471	471	-	-
A4.2	10	134	2.0	0	0	0	0	-	-
A4.3	6	135	2.8	90	90	95	95	-	-
A4.4	10	129	(1)	460	460	(1)	(1)	-	-

### REMARKS:

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

REMARKS:  
(1) CONTROLS NOT OPERATING PROPERLY.



## AIR CHANGE TEST REPORT

[illegible]

REMARKS:

1) TERMINAL UNIT CONTROLS NOT FUNCTIONING PROPERLY.



## ISOLATION ROOM SUMMARY

ROOM # 3C-107

TYPE OF ISOLATION NEGATIVE

TECHNICIAN C. GORTON

### ROOM VOLUME

MAIN ROOM 2054.7 CUBIC FT.

ANTE ROOM 450.0 CUBIC FT.

### TESTED CFM

	SUPPLY	EXHAUST
MAIN ROOM	420	555
ANTE ROOM	100	0

### TESTED AIR CHANGES PER HOUR (TESTED CFM X 60 MIN. / ROOM VOLUME)

MAIN ROOM 16.2 CALC. FROM 

EXHAUST	
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ANTE ROOM 13.3 CALC. FROM 

	SUPPLY
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DIFFERENTIAL PRESSURE VERIFIED AT -0.01 "W.C.

REMARKS:

 18  
90 CFM

16   
465 CFM



 49  
420 CFM

 17  
0 CFM

ANTE

 48  
100 CFM

LEGEND

-  12-AHU-3 (SUPPLY)
-  12-EF-6 (EXHAUST)

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**RSA** RSAnalysis, Inc.

1420 HOLCOMB AVE., SUITE 202, RENO, NV. 89502 PH: 775-323-8888 FAX: 775-323-8885

PROJECT NAME:

V.A. HOSPITAL CONTROLS UPGRADE  
RENO, NEVADA  
FINAL BALANCE  
ROOM 3C-107

REV.

DRAWN BY: KYLE W.

DATE: 11-16-11

SCALE: NTS

JOB# 13427-F



## ISOLATION ROOM SUMMARY

ROOM # 3C-112

TYPE OF ISOLATION NEGATIVE

TECHNICIAN C. GORTON

## ROOM VOLUME

MAIN ROOM 2102.4 CUBIC FT.

ANTE ROOM 444.2 CUBIC FT.

## TESTED CFM

	SUPPLY	EXHAUST
MAIN ROOM	395	(1)
ANTE ROOM	105	0

## TESTED AIR CHANGES PER HOUR (TESTED CFM X 60 MIN. / ROOM VOLUME)

MAIN ROOM (1) CALC. FROM EXHAUST

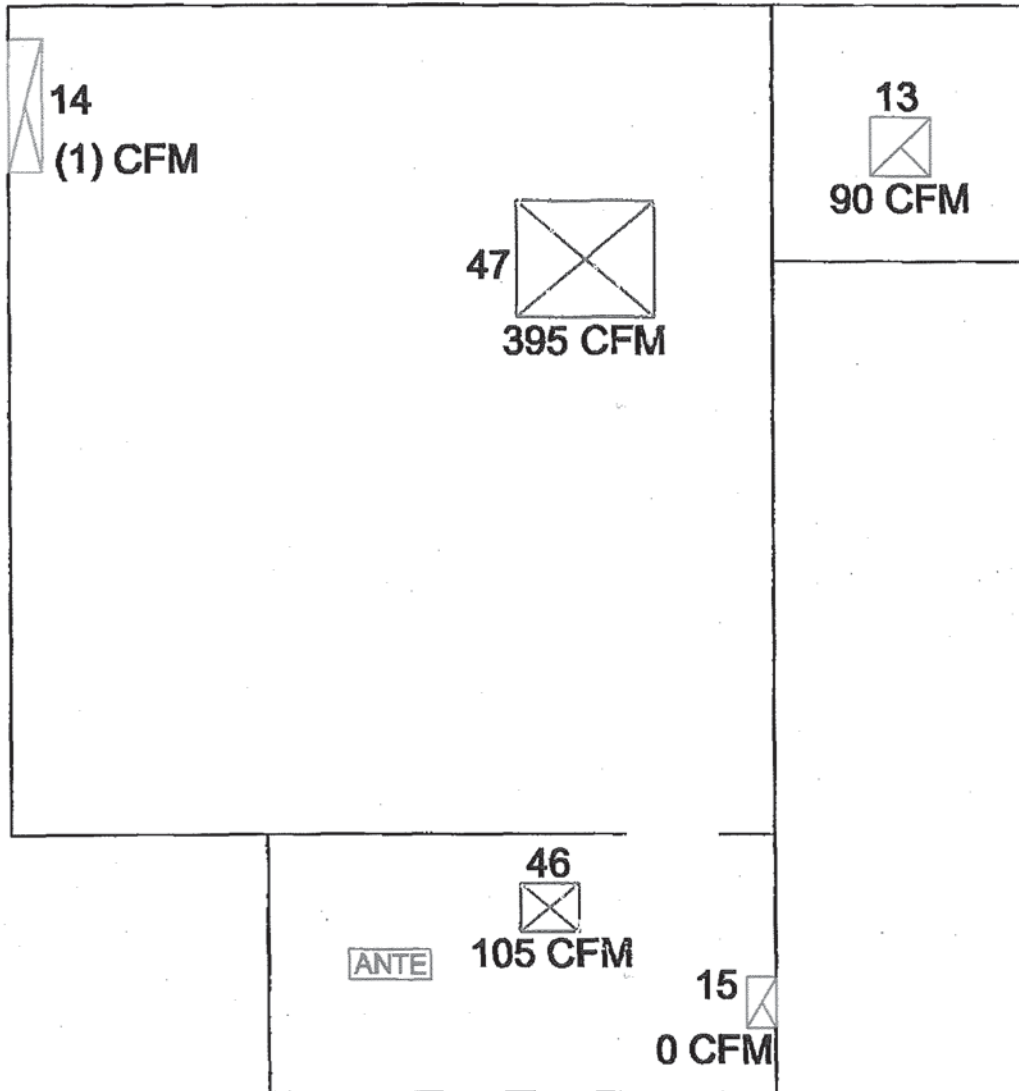
ANTE ROOM 14.2 CALC. FROM SUPPLY

DIFFERENTIAL PRESSURE VERIFIED AT (1) "W.C.



## REMARKS:

(1) TERMINAL UNIT A3.4 NOT CONTROLLING PROPERLY, FINAL READINGS CAN NOT BE VERIFIED, SERVICE NEEDED.

(1): SERVICE NEEDED



**LEGEND**

-  12-AHU-3 (SUPPLY)
-  12-EF-6 (EXHAUST)

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**PROJECT NAME:**

V.A. HOSPITAL CONTROLS UPGRADE  
RENO, NEVADA  
FINAL BALANCE  
ROOM 3C-112

**REV.**

**DRAWN BY:** KYLE W.

**DATE:** 11-16-11

**SCALE:** NTS

**JOB#** 13427-F



## ISOLATION ROOM SUMMARY

ROOM # 3C-134

TYPE OF ISOLATION NEGATIVE

TECHNICIAN C. GORTON

### ROOM VOLUME

MAIN ROOM 2401.2 CUBIC FT.

ANTE ROOM 455.0 CUBIC FT.

### TESTED CFM

	SUPPLY	EXHAUST
MAIN ROOM	625	(1)
ANTE ROOM	105	0

### TESTED AIR CHANGES PER HOUR (TESTED CFM X 60 MIN. / ROOM VOLUME)

MAIN ROOM (1) CALC. FROM 

EXHAUST	
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ANTE ROOM 13.8 CALC. FROM 

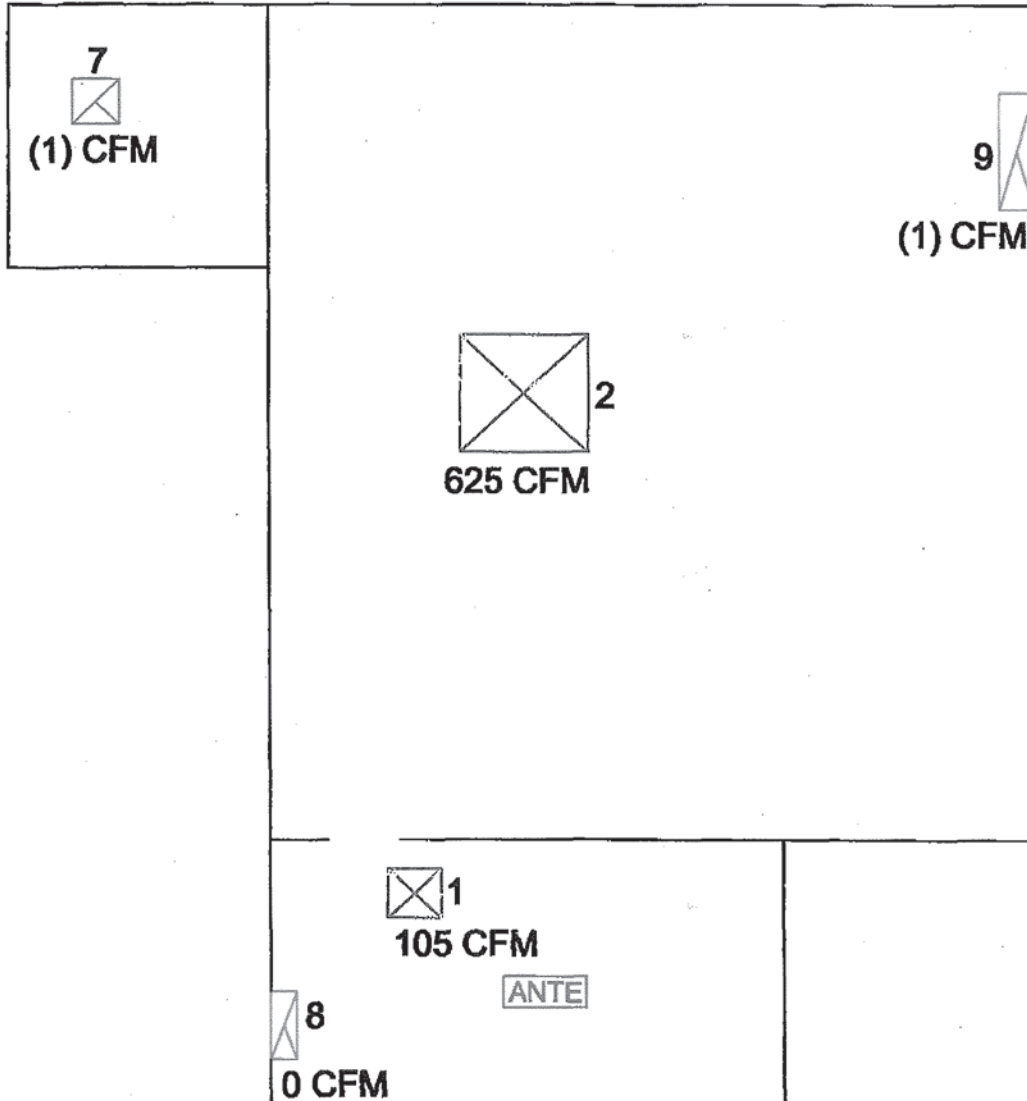
	SUPPLY
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DIFFERENTIAL PRESSURE VERIFIED AT (1) "W.C.

### REMARKS:

(1) TERMINAL UNIT A3.7 AND A3.9 NOT CONTROLLING PROPERLY, FINAL READINGS CAN NOT BE VERIFIED, SERVICE NEEDED.

(1): SERVICE NEEDED



**LEGEND**

- ☒ 12-AHU-3 (SUPPLY)
- ☒ 12-EF-5 (EXHAUST)

PC-97

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**PROJECT NAME:**

V.A. HOSPITAL CONTROLS UPGRADE  
RENO, NEVADA  
FINAL BALANCE  
ROOM 3C-134

**REV.**

**DRAWN BY:** KYLE W.

**DATE:** 11-17-11

**SCALE:** NTS

**JOB#** 13427-F



## ISOLATION ROOM SUMMARY

ROOM # 3C-139

TYPE OF ISOLATION NEGATIVE

TECHNICIAN C. GORTON

### ROOM VOLUME

MAIN ROOM 2130.3 CUBIC FT.

ANTE ROOM 450.0 CUBIC FT.

### TESTED CFM

	SUPPLY	EXHAUST
MAIN ROOM	610	830
ANTE ROOM	110	0

### TESTED AIR CHANGES PER HOUR (TESTED CFM X 60 MIN. / ROOM VOLUME)

MAIN ROOM 23.4 CALC. FROM 

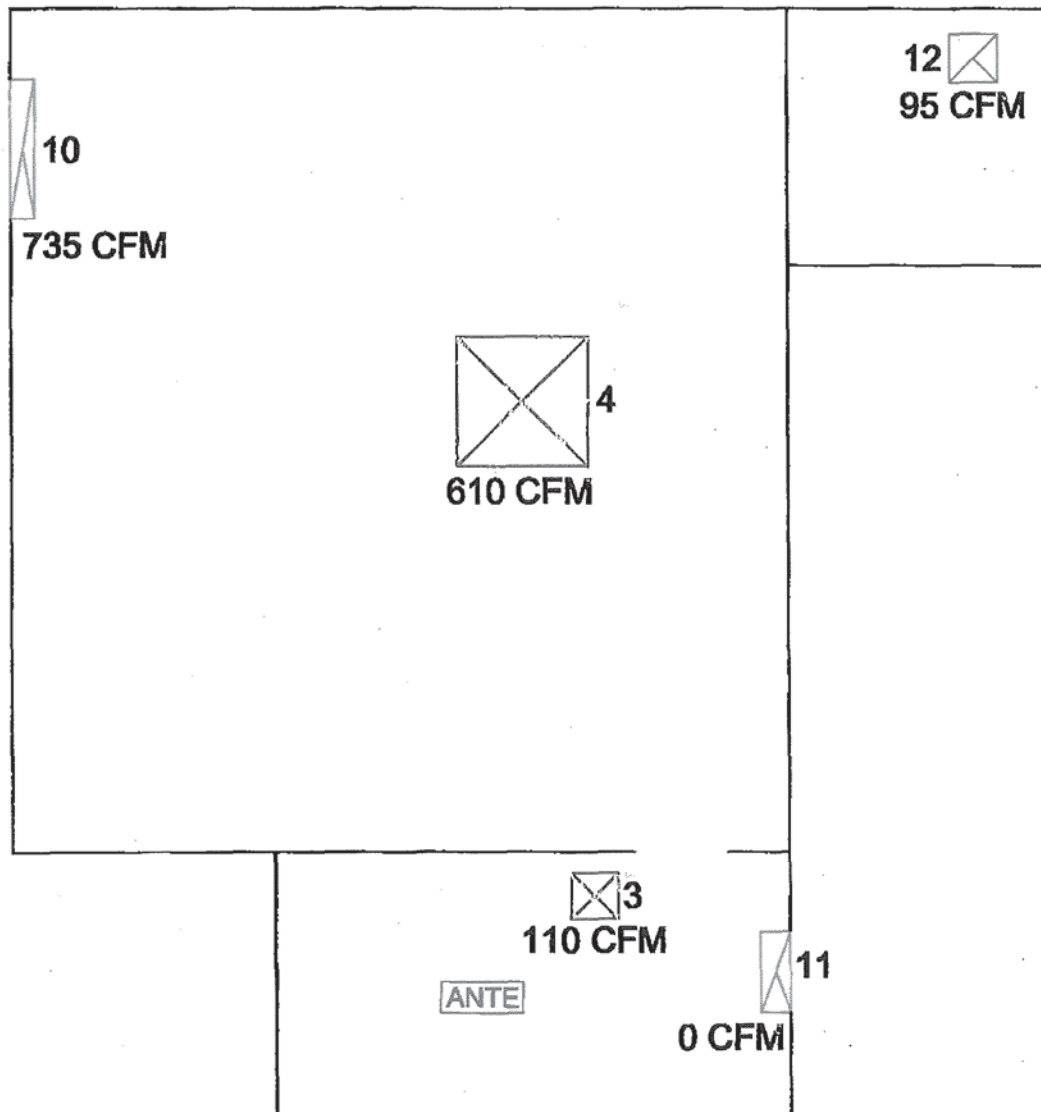
EXHAUST
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ANTE ROOM 14.7 CALC. FROM 

SUPPLY
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DIFFERENTIAL PRESSURE VERIFIED AT -0.015 "W.C.

REMARKS:



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**PROJECT NAME:**

V.A. HOSPITAL CONTROLS UPGRADE  
RENO, NEVADA  
FINAL BALANCE  
ROOM 3C-139

**DRAWN BY:** KYLE W.

**DATE:** 11-17-11

**SCALE:** NTS

**JOB#** 13427-F

**REV.**