National TAB

Project: Legent Hospital (Tomball, TX)

System/Unit: AHU/RTU

Comfort. Under control.

Asset: RTU-2-2 AREA:201

Unit Data		
	Design	**Actual**
MFG	TEMTROL	NA
Serial Num	-	
Model Num	CUSTOM	NA
Configuration	HORIZONTAL	
Num OA Filters 1	-	4
OA Filter Size 1	-	20X20X12
Num PreFilter 1	-	4
PreFilter Size 1	-	20X20X2

Test Data		
	Design	**Actual**
SF CFM	4125	
SF RPM	3862	
RA CFM	2645	
OA CFM	1480	
RL Voltage	-	
RL Amperage	-	
OA Damper Position	-	
Brake Horse Power	3.50	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	-	4.0
Motor Rpm	-	1740
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	5.1
Service Factor	-	

Performance Data		
	Design	**Actual**
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	3.0	
Fan Total SP	-	

Drive Data		
	Design	**Actual**

Completed By: Michael Gabbert

Notes: THERE ARE NO FIELDS FOR FINAL FILTERS, SO I USED THE OA FILTER FIELDS INSTEAD.

National TAB

Project:Legent Hospital (Tomball, TX)

AHU/RTU

Comfort. Under control.

VAV - Single Duct

RTU-2-2/201

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)
VAV-2-12	NAILOR	D30RE	VAV	10	720		500		500		
VAV-2-13	NAILOR	D30RE	VAV	10	910	904	220	227	550		0.820
VAV-2-14	NAILOR	D30RE	VAV	10	835		735		735		
VAV-2-15	NAILOR	D30RE	VAV	6	320	317	250	256	250		0.538
VAV-2-16	NAILOR	D30RE	VAV	6	210	212	210	212	210		1.066
VAV-2-17	NAILOR	D30RE	VAV	8	405	409	250	254	250		1.023
VAV-2-18	NAILOR	D30RE	VAV	10	730	738	420	417	420		1.017

Diffuser Ret/Exh (GRD)

RTU-2-2/201

Asset								
Asset Name	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
R22-1								
R22-2								
R22-3								
R22-4								
R22-5								
R22-6								
R22-7								
R22-8								
R22-9								
R22-10								
R22-11								
R22-12								
R22-13								
R22-14								
R22-15								
R22-16								
R22-17								

Diffuser Supply (GRD)

VAV-2-12/217

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V2-12-1	239	C	6	35			-
V2-12-2	234	C	6	65			-
V2-12-3	233	C	8	125			-
V2-12-4	232	C	6	130			-
V2-12-7	229	C	10	260			-
V2-12-8	231	C	6	35			-
V2-12-9	217	C	6	35			-

VAV-2-13/218

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-13-1	218	C	10	225	198	220	97.8
V2-13-2	218	C	10	225	196	217	96.4
V2-13-2	218	C	10	230	162	237	103.0
V2-13-4	218	C	10	230	168	230	100.0

VAV-2-14/214

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-14-1	215	C	6	95			-
V2-14-2	215	C	6	95			-
V2-14-3	215	C	6	95			-
V2-14-4	215	C	6	95			-
V2-14-5	214	C	6	75			-
V2-14-6	215	C	6	95			-
V2-14-7	215	C	6	95			-
V2-14-8	215	C	6	95			-
V2-14-9	215	C	6	95			-

VAV-2-15/213

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-15-1	213	C	6	50	32	53	106.0
V2-15-2	213	C	8	135	61	130	96.3
V2-15-3	213	C	8	135	57	134	99.3

VAV-2-16/212

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-16-1	212	C	10	210	225	212	101.0

VAV-2-17/210

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-17-1	208	C	6	55	34	58	105.5
V2-17-2	HALL	C	8	125	153	132	105.6
V2-17-2	210	C	10	225	217	219	97.3

VAV-2-18/201

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-18-1	207	C	8	170	138	173	101.8
V2-18-2	201	C	10	245	278	242	98.8
V2-18-2	200	C	10	240	263	249	103.8
V2-18-4	211	C	6	75	56	74	98.7

Completed By: Wesley John on

Asset	Notes
VAV-2-12	GRILLE 6 MISSING. ADDED GRILLE 6 AIR FLOW TO GRILLE 4. GRILLE 5 OMITTED FROM DESIGN. CHANGED HIGH AIR FLOW LIMIT ON VAV ACCORDINGLY.

Comfort. Under control.

Circuit Setter

CHW CS/

Asset							
Asset Name	**Size**	**Type**	**Design GPM**	**Setting**	**Delta P**	**Final GPM**	**% to Design**
CS-1	2.0		39.3				-

National TAB

Project: Legent Hospital (Tomball, TX)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF-2-1 AREA:238

Unit Data		
	Design	**Actual**
MFG	NA	PENNBARRY
Model Num	NA	FX16Q2GP
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	**Actual**
CFM	1910	
RL Voltage	-	230
RL Amperage	-	6.9
Total ESP	1.0	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.75	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	230	
Amperage (rated)	-	6.9
Service Factor	-	

Completed By: Michael Gabbert

Notes:

National TAB

Project:Legent Hospital (Tomball, TX)

FAN - Exhaust

Comfort. Under control.

Diffuser Ret/Exh (GRD)

EF-2-1/238

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
E2-1-1	E	6	85					-
E2-1-2	E	6	90					-
E2-1-2	E	6	55					-
E2-1-4	E	12	430					-
E2-1-5	E	6	90.					-
E2-1-6	E	6	100					-
E2-1-7	E	12	430					-
E2-1-8	E	10	315					-
E2-1-9	E	10	315					-

Completed By: Michael Gabbert on

National TAB

Project: Legent Hospital (Tomball, TX)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF-2-2 AREA:231

Unit Data		
	Design	**Actual**
MFG	NA	PENNBARRY
Model Num	NA	DX13RGP
Serial Num	-	
Type	CRE DNBLAST	

Test Data		
	Design	**Actual**
CFM	720	
RL Voltage	-	115
RL Amperage	-	4.4
Total ESP	0.6	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.167	
Motor Rpm	1550	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	4.4
Service Factor	-	

Completed By: Michael Gabbert

Notes:

National TAB

Project:Legent Hospital (Tomball, TX)

FAN - Exhaust

Comfort. Under control.

Diffuser Ret/Exh (GRD)

EF-2-2/231

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
E2-2-1	E	8	85					-
E2-2-2	E	8	195					-
E2-2-2	E	8	135					-
E2-2-4	E	8	180					-
E2-2-5	E	8	125					-

Completed By: Michael Gabbert on

National TAB

Project: Legent Hospital (Tomball, TX)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF-2-3 AREA:217

Unit Data		
	Design	**Actual**
MFG	NA	PENNBARRY
Model Num	NA	F11QGP
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	**Actual**
CFM	155	
RL Voltage	-	230
RL Amperage	-	2.9
Total ESP	0.3	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.25	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	230	
Amperage (rated)	-	2.9
Service Factor	-	

Completed By: Michael Gabbert

Notes:

National TAB

Project:Legent Hospital (Tomball, TX)

FAN - Exhaust

Comfort. Under control.

Diffuser Ret/Exh (GRD)

EF-2-3/217

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
E2-3-1	E	8	155					-

Completed By: Michael Gabbert on

National TAB

Project: Legent Hospital (Tomball, TX)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF-2-4 AREA:212

Unit Data		
	Design	**Actual**
MFG	NA	PENNBARRY
Model Num	NA	VCR-SWSI-BI 105 DD
Serial Num	-	
Type	CENT FUME	

Test Data		
	Design	**Actual**
CFM	365	
RL Voltage	-	460
RL Amperage	-	
Total ESP	0.47	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.25	
Motor Rpm	1200	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	
Service Factor	-	

Completed By: Michael Gabbert

Notes:

National TAB

Project:Legent Hospital (Tomball, TX)

FAN - Exhaust

Comfort. Under control.

Diffuser Ret/Exh (GRD)

EF-2-4/212

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
E2-4-1	E	10	365					-

Completed By: Michael Gabbert on

National TAB

Project: Legent Hospital (Tomball, TX)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF-2-5 AREA:216

Unit Data		
	Design	**Actual**
MFG	NA	PENNBARRY
Model Num	NA	DX11QGP
Serial Num	-	
Type	CRE DNBLAST	

Test Data		
	Design	**Actual**
CFM	580	
RL Voltage	-	115
RL Amperage	-	5.8
Total ESP	0.5	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.25	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	5.8
Service Factor	-	

Completed By: Michael Gabbert

Notes:

National TAB

Project:Legent Hospital (Tomball, TX)

FAN - Exhaust

Comfort. Under control.

Diffuser Ret/Exh (GRD)

EF-2-5/216

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
E2-5-1	E	10	225					-
E2-5-2	E	8	125					-
E2-5-2	E	6	85					-
E2-5-4	E	6	85					-
E2-5-5	F	6	60					-

Completed By: Michael Gabbert on

National TAB

Project: Legent Hospital (Tomball, TX)

System/Unit: Fan Coil

Comfort. Under control.

Asset: FCU-2-3 AREA:ELEV MACH RM

Unit Data		
	Design	**Actual**
MFG	NA	LG
Model Num	NA	LD097HV4
Serial Num	-	
Configuration	HORIZONTAL	

Motor Data		
	Design	**Actual**
Horsepower	-	
Phase	1	
Voltage (rated)	208	
Amperage (rated)	-	9.65

Test Data		
	Design	**Actual**
SFAN CFM	200	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	200	
OA CFM	0	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.1	

Completed By: Michael Gabbert

Notes:

National TAB

Project:Legent Hospital (Tomball, TX)

Fan Coil

Comfort. Under control.

Diffuser Supply (GRD)

FCU-2-3/ELEV MACH RM

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
F2-3-1	ELEV MACH RM	G	8X6	200			-

Completed By: Michael Gabbert on

National TAB

Project: Legent Hospital (Tomball, TX)

System/Unit: Fan Coil

Comfort. Under control.

Asset: FCU-2-4 AREA:STAIR ST1

Unit Data		
	Design	**Actual**
MFG	NA	LG
Model Num	NA	LHN488HHV
Serial Num	-	
Configuration	HORIZONTAL	

Motor Data		
	Design	**Actual**
Horsepower	-	
Phase	1	
Voltage (rated)	208	
Amperage (rated)	-	

Test Data		
	Design	**Actual**
SFAN CFM	1765	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	1765	
OA CFM	0	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.24	

Completed By: Michael Gabbert

Notes:

National TAB

Project:Legent Hospital (Tomball, TX)

Fan Coil

Comfort. Under control.

Diffuser Supply (GRD)

FCU-2-4/STAIR ST1

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
F2-4-1	STAIR ST1	EX		885			-
F2-4-2	STAIR ST1	EX		880			-

Completed By: Michael Gabbert on

National TAB

Project: Legent Hospital (Tomball, TX)

System/Unit: Fan Coil

Comfort. Under control.

Asset: FCU-2-5 AREA:ELEV MACH RM

Unit Data		
	Design	**Actual**
MFG	NA	LG
Model Num	NA	LD097HV4
Serial Num	-	
Configuration	HORIZONTAL	

Motor Data		
	Design	**Actual**
Horsepower	-	
Phase	1	
Voltage (rated)	208	
Amperage (rated)	-	9.65

Test Data		
	Design	**Actual**
SFAN CFM	200	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	200	
OA CFM	0	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.1	

Completed By: Michael Gabbert

Notes:

National TAB

Project:Legent Hospital (Tomball, TX)

Fan Coil

Comfort. Under control.

Diffuser Supply (GRD)

FCU-2-5/ELEV MACH RM

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
F2-5-1	ELEV MACH RM	G	8X6	200			-

Completed By: Michael Gabbert on

National TAB

Project: Legent Hospital (Tomball, TX)

System/Unit: Fan Coil

Comfort. Under control.

Asset: FCU-2-8 AREA:ELEVATOR 3

Unit Data		
	Design	**Actual**
MFG	NA	LG
Model Num	NA	LD127HV4
Serial Num	-	
Configuration	HORIZONTAL	

Motor Data		
	Design	**Actual**
Horsepower	-	
Phase	1	
Voltage (rated)	208	
Amperage (rated)	-	10.05

Test Data		
	Design	**Actual**
SFAN CFM	300	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	300	
OA CFM	0	

Performance Data		
	Design	**Actual**
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.1	

Completed By: Michael Gabbert

Notes:

National TAB

Project:Legent Hospital (Tomball, TX)

Fan Coil

Comfort. Under control.

Diffuser Supply (GRD)

FCU-2-8/ELEVATOR 3

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
F2-8-1	ELEVATOR 3	G	8X6	300			-

Completed By: Michael Gabbert on

National TAB

Project: Legent Hospital (Tomball, TX)

System/Unit: AHU-DUAL FAN

Comfort. Under control.

Asset: RTU-2-1 AREA:222

UNIT DATA - SUPPLY		
	Design	**Actual**
Manufacturer	NA	AAON
Model Number	NA	RNA-070-D-0-3
Serial Number	-	
No. Pre-Filters / Size (1)	-	
No. Pre-Filters / Size (2)	-	
No. Pre-Filters / Size (3)	-	

MOTOR DATA - SUPPLY		
	Design	**Actual**
Motor MFG / Frame	-	
Horsepower / RPM	-	15 / 1760
Rated Volts / Phase	-	460 / 3
Rated Amperage / SF	-	21

DRIVE DATA - SUPPLY		
	Design	**Actual**

TEST DATA - SUPPLY		
	Design	**Actual**
Total CFM	14650	
OA CFM	2500	
Fan RPM	1733	
VFD Speed	-	
RL Voltage	-	
RL Amperage	-	
Motor B.H.P.	9.61	

PERFORMANCE DATA - SUPPLY		
	Design	**Actual**
Static Pressure Stpt	-	
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
Reheat Coil P.D.	-	
DX Coil P.D.	-	
Condenser Coil P.D.	-	
Chilled Water Coil P.D.	-	
Pre Heat Coil P.D.	-	
Final Filters P.D.	-	
Heat Wheel P.D.	-	
Pre-Filters P.D.	-	
Air Blender P.D.	-	
Total ESP	3.50	

UNIT DATA - EXHAUST/RETURN		
	Design	**Actual**
Manufacturer	AAON	
Model Number	-	
Serial Number	-	
No. Pre-Filters / Size (1)	-	
No. Pre-Filters / Size (2)	-	
No. Pre-Filters / Size (3)	-	
No. Pre-Filters / Size (4)	-	
No. Pre-Filters / Size (5)	-	
No. Pre-Filters / Size (6)	-	

MOTOR DATA - EXHAUST/RETURN		
	Design	**Actual**
Motor MFG / FRAME	-	
Horsepower / RPM	-	3 / 1170
Rated Volts / Phase	-	460 / 3
Rated Amperage / SF	-	4.8

DRIVE DATA - EXHAUST/RETURN		
	Design	**Actual**

TEST DATA - EXHAUST/RETURN		
	Design	**Actual**
Total CFM	14650	
Fan RPM	1166	
VFD Speed	-	
RL Voltage	-	
RL Amperage	-	
Motor B.H.P.	1.71	

PERFORMANCE DATA - EXHAUST/RETURN		
	Design	**Actual**
Static Pressure Stpt	-	
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	1.05	
Heat Wheel P.D.	-	
Pre-Filters P.D.	-	
Total ESP	1.00	

Completed By: Michael Gabbert

Notes:

National TAB

Project:Legent Hospital (Tomball, TX)

AHU-DUAL FAN

Comfort. Under control.

VAV - Single Duct

RTU-2-1/222

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)
RVAV-2-1	NAILOR	D3001	RVAV	14	1870	1865	1870	1865			1.364
RVAV-2-2	NAILOR	D3001	RVAV	14	1820	1826	1820	1826			1.104
RVAV-2-3	NAILOR	D3001	RVAV	14	1815	1810	1815	1810			1.451
RVAV-2-4	NAILOR	D3001	COOL ONLY	14	1590	1590	1590				
RVAV-2-5	NAILOR	D3001	RVAV	10	785	728	785	728			1.230
RVAV-2-6	NAILOR	D3001	RVAV	10	750	754	750	754			1.726
RVAV-2-7	NAILOR	D3001	RVAV	10	790	783	790	783			1.426
RVAV-2-8	NAILOR	D3001	RVAV	10	500	497	500	497			0.720
RVAV-2-9	NAILOR	D3001	RVAV	14	1980	1996	440	448			1.124
VAV-2-1	NAILOR	D30RE	VAV	14	2070	2087	2070	2087	2070		0.945
VAV-2-2	NAILOR	D30RE	VAV	14	2020	2023	2020	2023	2020		0.900
VAV-2-3	NAILOR	D30RE	VAV	14	2015	2018	2015	2018	2015		1.026
VAV-2-4	NAILOR	D30RE	VAV	14	1790	1805	1790	1805	1790		1.096
VAV-2-5	NAILOR	D30RE	VAV	8	410	409	325	329	-	-	1.236
VAV-2-6	NAILOR	D30RE	VAV	8	570	560	525	528	-	-	0.976
VAV-2-7	NAILOR	D30RE	VAV	14	1530		1530		1530		
VAV-2-8	NAILOR	D30RE	HEAT	10	890	892	890	892	890	0	1.030
VAV-2-9	NAILOR	D30RE	HEAT	6	370	375	195	192	195	0	0.943
VAV-2-10	NAILOR	D30RE	HEAT	10	705	693	140	148	400		1.217
VAV-2-11	NAILOR	D30RE	VAV	6	210	211	210	211	155		1.023
VAV-2-19	NAILOR	D30RE	VAV	14	2180	2136	440	452	800		0.908

Diffuser Supply (GRD)

VAV-2-1/222

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V2-1-1	222	A	10	260	222	258	99.2
V2-1-2	222	A	10	260	234	264	101.5
V2-1-2	222	A	10	260	230	268	103.1
V2-1-4	222	A	10	255	217	263	103.1
V2-1-5	222	A	10	260	219	253	97.3
V2-1-6	222	A	10	260	248	268	103.1
V2-1-7	222	A	10	260	240	259	99.6
V2-1-8	222	A	10	255	237	254	99.6

VAV-2-10/250

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
V2-10-1	250	C	10	235	258	234	99.6
V2-10-2	250	C	10	235	255	225	95.7
V2-10-2	250	C	10	235	300	234	99.6

VAV-2-11/HALL

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-11-1	HALL	C	6	105	109	106	101.0
V2-11-2	HALL	C	6	105	109	105	100.0

VAV-2-19/245

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-19-1	245	A	10	275	212	281	102.2
V2-19-2	245	A	10	275	224	289	105.1
V2-19-3	245	A	10	275	253	261	94.9
V2-19-4	245	A	10	275	240	274	99.6
V2-19-5	245	A	10	270	257	250	92.6
V2-19-6	245	A	10	270	264	258	95.6
V2-19-7	245	A	10	270	267	254	94.1
V2-19-8	245	A	10	270	248	269	99.6

VAV-2-3/224

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-2-1	223	A	10	250	215	239	95.6
V2-2-2	223	A	10	250	232	256	102.4
V2-2-2	223	A	10	250	198	244	97.6
V2-2-4	223	A	10	250	267	238	95.2
V2-2-5	223	A	10	255	241	267	104.7
V2-2-6	223	A	10	255	240	271	106.3
V2-2-7	223	A	10	255	231	253	99.2
V2-2-8	223	A	10	255	247	250	98.0

VAV-2-2/224

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**	**AK**	**CFM(2)**
V2-3-1	224	A	10	250		228	-	264	105.6
V2-3-2	224	A	10	250		234	-	260	104.0
V2-3-2	224	A	10	250		240	-	257	102.8
V2-3-4	224	A	10	250		231	-	258	103.2
V2-3-5	224	A	10	250		252	-	248	99.2
V2-3-6	224	A	10	255		230	-	242	94.9
V2-3-7	224	A	10	255		216	-	253	99.2
V2-3-8	224	A	10	255		220	-	241	94.5

VAV-2-4/235

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-4-1	235	A	10	225	259	219	97.3
V2-4-2	235	A	10	225	249	218	96.9
V2-4-2	235	A	10	225	242	211	93.8
V2-4-4	235	A	10	220	238	217	98.6
V2-4-5	235	A	10	225	219	227	100.9
V2-4-6	235	A	10	225	237	242	107.6
V2-4-7	235	A	10	225	240	243	108.0
V2-4-8	235	A	10	220	251	228	103.6

VAV-2-5/228B

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-5-1	225	C	6	65	64	67	103.1
V2-5-2	228	C	6	55	69	58	105.5
V2-5-2	HALL	C	6	65	61	62	95.4
V2-5-4	221	C	6	50	70	52	104.0
V2-5-5	227	C	6	55	81	51	92.7
V2-5-6	HALL	C	65	65	79	64	98.5
V2-5-7	228B	C	6	55	63	55	100.0

VAV-2-6/236

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-6-1	HALL	C	8	120	121	112	93.3
V2-6-2	243	C	6	30	50	32	106.7
V2-6-2	244	C	6	65	40	62	95.4
V2-6-4	237	C	6	60	57	62	103.3
V2-6-5	HALL	C	8	120	117	124	103.3
V2-6-6	236	C	8	175	115	168	96.0

VAV-2-7/238

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-7-1	238	C	10	510			-
V2-7-2	238	C	10	510			-
V2-7-2	238	C	10	510			-

VAV-2-8/240

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-8-1	240	C	10	445	500	443	99.6
V2-8-2	240	C	10	445	408	449	100.9

VAV-2-9/260

Asset							
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**CFM(1)**	**FINAL CFM**	**% to design**
V2-9-1	261	C	6	55	54	58	105.5
V2-9-2	242	C	6	85	42	83	97.6
V2-9-2	260	C	10	230	183	234	101.7

Diffuser Ret/Exh (GRD)

RVAV-2-1/222

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
RV2-1-1	B	16X24	935	1.0	799	-	917	98.1
RV2-1-2	B	16X24	935	1.0	1021	-	948	101.4

RVAV-2-2/224

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
RV2-2-1	B	16X24	910	1.0	947	-	929	102.1
RV2-2-2	B	16X24	910	1.0	1201	-	897	98.6

RVAV-2-3/235

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
RV2-3-1	B	16X24	910	1.0	1704	-	919	101.0
RV2-3-2	B	16X24	905	1.0	1292	-	891	98.5

RVAV-2-4/225

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
RV2-4-1	B	16X24	795					-
RV2-4-2	B	16X24	795					-

RVAV-2-5/225

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
RV2-5-1	D	6	75	1.0	33		64	85.3
RV2-5-2	D	14	710	1.0	683		664	93.5

RVAV-2-6/HALL

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
RV2-6-1	D	10	750	1.0	991	-	754	100.5

RVAV-2-7/250

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
RV2-7-1	D	12	555	1.0	398	-	540	97.3
RV2-7-2	D	10	230	1.0	278	-	243	105.7

RVAV-2-8/HALL

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
RV2-8-1	D	12	500	1.0	458		497	99.4

RVAV-2-9/245

Asset								
Asset Name	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
RV2-9-1	B	16X24	990	1.0	1058		972	98.2
RV2-9-2	B	16X24	990	1.0	765		1024	103.4

Completed By: Wesley John on