

**AIR BALANCE SUMMARY (SCIENCE LAB EXHAUST ON)**

ITEM	EXHAUST CFM	OSA CFM	SERVED BY	REMARKS
TOILET EXHAUST	795	-	EF-1	CONTINUOUS OPERATION
TOILET EXHAUST	200	-	EF-2	CONTINUOUS OPERATION
FUME HOOD EXHAUST	1,120	-	EF-3	ON
TOILET EXHAUST	845	-	EF-4	CONTINUOUS OPERATION
SCIENCE LAB EXHAUST	1,400	-	EF-5	ON
AH-1	2,100	3,500	-	SET FOR 3,500 OSA
AH-2	2,100	3,500	-	SET FOR 3,500 OSA
AH-3	2,100	3,500	-	SET FOR 3,500 OSA
AH-4	2,100	3,500	-	SET FOR 3,500 OSA
TOTALS	12,760	14,000		
DIFFERENCE	+1,240 CFM			

**AIR BALANCE SUMMARY (SCIENCE LAB EXHAUST OFF)**

ITEM	EXHAUST CFM	OSA CFM	SERVED BY	REMARKS
TOILET EXHAUST	795	-	EF-1	CONTINUOUS OPERATION
TOILET EXHAUST	200	-	EF-2	CONTINUOUS OPERATION
FUME HOOD EXHAUST	0	-	EF-3	OFF
TOILET EXHAUST	845	-	EF-4	CONTINUOUS OPERATION
SCIENCE LAB EXHAUST	0	-	EF-5	OFF
AH-1	2,100	3,500	-	SET FOR 3,500 OSA
AH-2	2,100	3,500	-	SET FOR 3,500 OSA
AH-3	2,100	3,500	-	SET FOR 3,500 OSA
AH-4	2,100	3,500	-	SET FOR 3,500 OSA
TOTALS	10,240	14,000		
DIFFERENCE	+3,760 CFM			

**SPLIT SYSTEM SCHEDULE**

ITEM	SERVICE	SANYO MODEL NO. OUTDOOR / INDOOR	SUPPLY AIR FAN		COOLING CYCLE				VOLT/PHASE	MIN. CIRCUIT AMPS	MAX. OVER-CURRENT PROTECTION AMPS	MAX. WT. (#)		REFRIGERANT	NOTES	
			TOTAL CFM	OSA	ESP (IN. WC)	SENSIBLE COOLING CAP. (MBH)	ENT. AIR TEMP. (F) DB	WB				AMBIENT TEMP. (F)	INDOOR			OUTDOOR
AC 1	ELEVATOR EQUIPMENT ROOM	C2472/KS2472	600	0	0.1	24.2	72.0	60.0	95	208/1	12.1	20	35	130	R-410A	①②③④

① WALL MOUNTED INDOOR UNIT.      ④ STAND ALONE CONTROLS.  
 ② MINIMUM 13 SEER UNIT.  
 ③ PROVIDE HOUSEKEEPING PAD FOR OUTDOOR UNIT AND MAINTAIN MANUFACTURER'S RECOMMENDED CLEARANCES AROUND AND ABOVE UNIT.

**AIR HANDLING HEAT WHEEL SCHEDULE**

ITEM	OUTSIDE AIR	EXHAUST AIR	ENERGY RECOVER MODULE				EFFICIENCY							
			SUMMER		WINTER		EFFICIENCY							
			OA EDB/EWB	OA LDB/LWB	EA EDB/EWB	EA LDB/LWB	OA EDB/EWB	OA LDB/LWB	EA EDB/EWB	EA LDB/LWB	TOTAL SUMMER	SENSIBLE SUMMER	TOTAL WINTER	SENSIBLE WINTER
AH 1	3500	2100	93.6/79.0	83.8/71.0	75.0/62.0	91.7/77.3	30.0/28.0	51.2/43.1	68.0/53.0	33.9/31.0	88.3%	89.9%	89.1%	89.9%
AH 2	3000	2100	93.6/79.0	82.5/69.8	75.0/62.0	91.3/76.9	30.0/28.0	54.2/45.0	68.0/53.0	34.8/31.7	85.9%	87.5%	86.9%	87.5%
AH 3	3500	2100	93.6/79.0	83.8/71.0	75.0/62.0	91.7/77.3	30.0/28.0	51.2/43.1	68.0/53.0	33.9/31.0	88.3%	89.9%	89.1%	89.9%
AH 4	3400	2100	93.6/79.0	83.8/71.0	75.0/62.0	91.6/77.2	30.0/28.0	51.2/43.1	68.0/53.0	34.0/31.1	88.3%	89.9%	89.1%	89.4%

**TERMINAL UNIT SCHEDULE**

ITEM	TITUS MODEL NO.	INLET SIZE	MAX CFM	MIN CFM	MAX AIR PD (" W.C.)	MAX DISCH. NC @ 1.0" INLET SP	MAX RAD. NC @ 1.0"	MBH	GPM	ROWS	RUNOUT SIZE	ITEM	TITUS MODEL NO.	INLET SIZE	MAX CFM	MIN CFM	MAX AIR PD (" W.C.)	MAX DISCH. NC @ 1.0" INLET SP	MAX RAD. NC @ 1.0"	MBH	GPM	ROWS	RUNOUT SIZE
1	PESV10	10"	1,000	750	0.38	23	28	23.0	2.0	2	3/4"	20	PESV07	7"	500	200	0.20	23	24	8.5	1.0	1	1/2"
2	PESV10	10"	1,000	750	0.38	23	28	23.0	2.0	2	3/4"	21	PESV12	12"	1,325	800	0.40	26	29	25.5	2.0	2	3/4"
3	PESV10	10"	1,000	750	0.38	23	28	23.0	2.0	2	3/4"	22	PESV10	10"	1,100	750	0.45	24	29	21.5	2.0	2	3/4"
4	PESV12	12"	1,300	1,300	0.30	26	29	32.0	2.0	2	3/4"	23	PESV12	12"	1,400	450	0.21	25	28	18.0	3.0	1	1"
5	PESV12	12"	1,200	1,200	0.27	24	27	29.5	2.0	2	3/4"	24	PESV10	10"	1,100	750	0.45	24	29	21.5	2.0	2	3/4"
6	PESV12	12"	1,225	800	0.27	24	27	26.0	2.0	2	3/4"	25	PESV10	10"	1,100	750	0.45	24	29	21.5	2.0	2	3/4"
7	PESV14	14"	1,750	925	0.19	20	27	25.0	2.0	1	3/4"	26	PESV10	10"	1,100	750	0.45	24	29	21.5	2.0	2	3/4"
8	PESV12	12"	1,425	475	0.22	26	29	14.0	2.0	1	3/4"	27	PESV10	10"	1,100	750	0.45	24	29	21.5	2.0	2	3/4"
9	PESV12	12"	1,300	500	0.22	26	29	17.5	2.0	1	3/4"	28	PESV10	10"	1,100	750	0.45	24	29	21.5	2.0	2	3/4"
10	PESV10	10"	1,000	750	0.38	23	28	22.5	2.0	2	3/4"	29	PESV09	9"	700	250	0.15	21	22	12.5	3.0	1	1"
11	PESV12	12"	1,350	875	0.40	26	29	26.0	2.0	2	3/4"	30	PESV10	10"	1,050	375	0.44	24	29	22.5	2.0	2	3/4"
12	PESV10	10"	1,000	750	0.38	23	28	22.5	2.0	2	3/4"	31	PESV10	10"	900	300	0.18	22	28	14.0	2.0	1	3/4"
13	PESV10	10"	1,000	750	0.38	23	28	22.5	2.0	2	3/4"	32	PESV12	12"	1,250	525	0.15	23	26	19.5	3.0	1	1"
14	PESV12	12"	1,350	875	0.40	26	29	26.0	2.0	2	3/4"												
15	PESV10	10"	1,000	750	0.38	23	28	22.5	2.0	2	3/4"												
16	PESV10	10"	1,100	750	0.45	24	29	21.5	2.0	2	3/4"												
17	PESV10	10"	1,100	750	0.45	24	29	21.5	2.0	2	3/4"												
18	PESV10	10"	1,100	750	0.45	24	29	21.5	2.0	2	3/4"												
19	PESV10	10"	1,100	750	0.45	24	29	21.5	2.0	2	3/4"												

- ① AIRSIDE PRESSURE DROP INCLUDES DROP ACROSS WATER COIL AND STATIC REQUIRED FOR FLOW SENSOR TO DELIVER MAXIMUM INDICATED AIRFLOW.
- ② HEATING CAPACITY BASED ON MINIMUM INDICATED AIRFLOW, 55°F ENTERING AIR TEMPERATURE AND 180°F ENTERING WATER TEMPERATURE.
- ③ PROVIDE UNIT MOUNTED DISCONNECTS.



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no.	revisions	date
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2		
3		
4		
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**HARRY HURST MIDDLE SCHOOL WING ADDITION**  
 1 Roadrunner Lane, Destrehan, Louisiana 70047

SCHEDULES

drawing number  
 project number 10.0123  
 date 06.14.2010  
 phase CD

**MO.02**

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