



AIR OUTLET TEST REPORT

PROJECT Henry A Guerra Library SYSTEM DESIGNATION AHU-3
 OUTLET MANUFACTURER Price TEST APPARATUS Flowhood & Rotating Vane

AREA SERVED	OUTLET				DESIGN		FINAL	
	NO	TYPE	SIZE	AK*	VEL	FLOW	VEL	FLOW
Open	1	D	15 X 15			500		510
Stack	2	D	15 X 15			500		542
Area	3	S	48 X 10	2.700	250	675	263	710
"	4	S	36 X 10	2.025	222	450	230	466
"	5	D	15 X 15			500		527
"	6	S	36 X 10	2.025	222	450	224	454
"	7	S	48 X 10	2.700	250	675	254	685
"	8	D	15 X 15			500		524
"	9	S	36 X 10	2.025	222	450	237	460
"	10	D	15 X 15			500		517
"	11	S	48 X 10	2.700	250	675	247	666
"	12	D	15 X 15			500		514
"	13	S	36 X 10	2.025	222	450	227	459
"	14	D	15 X 15			500		499
"	15	S	48 X 10	2.700	250	675	241	636
"	16	S	36 X 10	2.025	222	450		442
"	17	D	15 X 15			500		483
"	18	S	48 X 10	2.700	250	675	241	651
"	19	S	36 X 10	2.025	222	450	210	426
"	20	D	15 X 15			500		476
"	21	S	36 X 10	2.025	222	450	212	429
						10575		11076

* NOTE: If AK = 1.00, velocity information and measurements are not required.

REMARKS: (1) All Type "D" outlets (ceiling diffusers) read with a digital flow hood. All Type "S" outlets (sidewall registers) read with a rotating vane anemometer. Flow factors provided by grille manufacturer of 0.81ft²/ft² with front louvers @ 22½° deflection.

TEST DATE John Smith

READINGS BY 10/29/05