

## IEEC 2003 COMPLIANCE CHART- BUILDING AREAS

### BUILDING AREAS

By Amec Inc.

System	Zone	Room	Number of Duplicate Floors	Number of Duplicate Rooms	Floor Area/ Duplicate Room	Total Floor Area	Partition Area	Int Door Area	Exposed Floor Area	Skylight Area	Net Roof Area	Window Area	Window/Wall	Ext Door Area	Net Wall Area			
Alternative 1	Level 1 - Baggage EDS	Level 1 - Circulation & Atrium	1	1	16,140	16,140	4,080	0	0	0	0	0	0	0	3,519			
		Level 1 - Baggage ETD	1	1	4,971	4,971	0	0	0	0	0	4,971	7,957	86	0	1,296		
		Level 3 - Bridge	1	1	2,640	2,640	3,200	0	0	0	0	0	0	0	0	759		
		Level 3 - Escalators/Elevators	1	1	4,025	4,025	0	0	0	0	0	4,025	1,528	59	0	1,063		
		Level 3 - Screening Rooms	1	1	2,365	2,365	0	0	0	0	0	2,365	1,045	83	0	208		
		Level 3 - Queue	1	1	142	142	0	0	0	0	0	142	0	0	0	0		
		Level 3 - Security	1	1	13,235	13,235	0	0	0	0	0	13,235	4,244	93	0	336		
		Level 3 - Security Exit	1	1	6,045	6,045	0	0	0	0	0	6,045	1,119	99	0	15		
		Level 3 - Security Operations	1	1	342	342	0	0	0	0	0	342	0	0	0	0		
		Level 3 - Office	1	1	2,375	2,375	0	0	0	0	0	2,375	0	0	0	365		
		AHU-1	Level 2 - Circulation	Level 2 - Concessions/Seating	1	1	6,282	6,282	0	0	0	0	0	6,282	0	0	0	0
				Level 2 - Concessions West	1	1	2,860	2,860	0	0	0	0	0	2,860	0	0	0	0
				Level 2 - International Corridor	1	1	2,297	2,297	0	0	0	0	0	2,297	2,261	65	0	1,094
				Level 2 - NW Hallrooms	1	1	3,512	3,512	0	0	0	0	0	3,512	0	0	0	0
				Level 2 - S Hallrooms	1	1	1,833	1,833	0	0	0	0	0	1,833	0	0	0	0
Level 2 - SIV Hallrooms	1			1	5,033	5,033	0	0	0	0	0	5,033	1,649	85	0	876		
Level 2 - Concessions Storage	1			1	8,535	8,535	0	0	0	0	0	8,535	2,261	65	0	1,094		
Level 2 - Concessions Central	1			1	1,147	1,147	0	0	0	0	0	1,147	0	0	0	312		
Level 2 - Concessions East	1			1	491	491	0	0	0	0	0	491	0	0	0	0		
Level 2 - Concessions West	1			1	846	846	0	0	0	0	0	846	0	0	0	0		
Level 1 - Ticketing Counters	1			1	2,200	2,200	0	0	0	0	0	2,200	0	0	0	120		
Level 1 - Ticketing Hall NE	1			1	7,600	7,600	0	0	0	0	0	7,600	2,206	100	0	0		
Level 1 - Ticketing Hall NW	1			1	4,215	4,215	0	0	0	0	0	4,215	4,697	86	0	765		
Level 1 - Ticketing Offices	1			1	5,800	5,800	980	0	0	0	0	0	0	0	0	278		
Level 1 - Escalators/Elevators	1			1	5,120	5,120	0	0	0	0	0	5,120	970	81	0	228		
Level 1 - IDF Closet	1	1	235	235	0	0	0	0	0	235	0	0	0	0				
Level 2 - Sterile Corridor	1	1	789	789	0	0	0	0	0	789	919	65	0	488				
AHU-2	Level 1 - Baggage Make-Up	Level 1 - Curbside Check-in	1	1	18,000	18,000	0	0	0	0	0	30,870	17,269	70	0	4,818		
		Level 1 - BHS Manual Sortation	1	1	450	450	0	0	0	0	0	450	0	0	0	432		
		Level 3 - Elev Machine Room	1	1	69	69	0	0	0	0	0	69	0	0	0	0		
		Level 3 - Telcom Room	1	1	101	101	0	0	0	0	0	101	0	0	0	0		
		Level 1 - Restrooms	1	1	910	910	0	0	0	0	0	910	0	0	0	0		
		Level 2 - Electrical Closet	1	1	215	215	0	0	0	0	0	215	0	0	0	0		
		Level 2 - IT Closet	1	1	300	300	0	0	0	0	0	300	0	0	0	0		
		Level 2 - Restrooms	1	1	1,810	1,810	0	0	0	0	0	1,810	0	0	0	0		
		AC-1	Level 2 - Fixed Link (short)	Level 2 - Fixed Link (short)	1	1	565	565	0	0	0	0	0	565	0	0	0	629
				Level 2 - Fixed Link (long)	1	1	1,500	1,500	0	0	0	0	0	1,500	0	0	0	2,477
				Level 2 - Fixed Link (long)	1	1	2,065	2,065	0	0	0	0	0	2,065	0	0	0	3,106
		<b>Total building Window Area: 29,811 ft²</b>					<b>Total building Wall Area: 49,908 ft²</b>					<b>Building Total Window %: 59.7%</b>						

## IEEC 2003 COMPLIANCE CHART- BUILDING U-FACTORS

### BUILDING U-FACTORS

By Amec Inc.

Description	ROOM U-FACTORS										Room Mass lb/ft²	Room Caseload Blt/ft²-F	
	Partition	Internal Door	Exposed Floor	Summer Skylight	Skylight	Roof	Summer Window	Window	External Door	Wall			Ceiling
<b>Alternative 1</b>													
Level 1 - Baggage EDS - Zone	0.388	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.035	0.317	20.3	4.8
Level 1 - Circulation & Atrium - Zone	0.000	0.000	0.000	0.000	0.000	0.036	0.260	0.260	0.000	0.035	0.317	28.6	10.9
Level 1 - Baggage ETD - Zone	0.388	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.035	0.317	34.0	8.1
Level 3 - Bridge - Zone	0.000	0.000	0.000	0.000	0.036	0.270	0.271	0.000	0.000	0.035	0.317	38.7	11.6
Level 3 - Escalators/Elevators - Zone	0.000	0.000	0.000	0.000	0.035	0.260	0.260	0.000	0.000	0.035	0.317	28.6	10.4
Level 3 - Screening Rooms - Zone	0.000	0.000	0.074	0.000	0.036	0.260	0.260	0.000	0.000	0.035	0.317	25.9	9.3
Level 3 - Queue - Zone	0.000	0.000	0.074	0.000	0.035	0.260	0.260	0.000	0.000	0.035	0.317	28.2	9.5
Level 3 - Security - Zone	0.000	0.000	0.074	0.000	0.036	0.270	0.271	0.000	0.000	0.035	0.317	25.9	9.3
Level 3 - Security Exit - Zone	0.000	0.000	0.074	0.000	0.036	0.270	0.271	0.000	0.000	0.035	0.317	25.9	9.4
Level 3 - Security Operations - Zone	0.000	0.000	0.074	0.000	0.036	0.260	0.260	0.000	0.000	0.035	0.317	25.9	9.3
Level 3 - Office - Zone	0.000	0.000	0.000	0.000	0.035	0.260	0.260	0.000	0.000	0.035	0.317	29.4	10.8
AHU-1 - System	0.388	0.000	0.074	0.000	0.000	0.035	0.262	0.263	0.000	0.035	0.317	25.5	8.4
AHU-1 - Circulation - Zone	0.000	0.000	0.000	0.000	0.035	0.260	0.260	0.000	0.000	0.035	0.317	27.5	9.8
Level 2 - Concessions/Seating - Zone	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.035	0.317	13.3	2.7
Level 2 - Concessions West - Zone	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.035	0.317	25.3	6.5
Level 2 - International Corridor - Zone	0.000	0.000	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.035	0.317	27.7	4.9
Level 2 - NW Hallrooms - Zone	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.035	0.317	25.4	9.2
Level 2 - S Hallrooms - Zone	0.000	0.000	0.000	0.000	0.036	0.260	0.260	0.000	0.035	0.317	27.5	10.4	10.1
Level 2 - SIV Hallrooms - Zone	0.000	0.000	0.000	0.000	0.036	0.260	0.260	0.000	0.035	0.317	27.0	10.1	11.6
Level 2 - Concessions Storage - Zone	0.000	0.000	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.035	0.317	30.8	11.6
Level 2 - Concessions Central - Zone	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.035	0.317	13.3	2.7
Level 2 - Concessions East - Zone	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.035	0.317	25.4	9.2
Level 1 - Ticketing Counters - Zone	0.000	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.035	0.317	14.0	3.0
Level 1 - Ticketing Hall NE - Zone	0.000	0.000	0.080	0.000	0.000	0.000	0.280	0.281	0.000	0.035	0.317	13.3	2.7
Level 1 - Ticketing Hall NW - Zone	0.000	0.000	0.080	0.000	0.036	0.260	0.260	0.000	0.035	0.317	27.6	10.4	10.4
Level 1 - Ticketing Offices - Zone	0.388	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.035	0.317	17.8	3.9
Level 1 - Escalators/Elevators - Zone	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.035	0.317	19.9	3.5
Level 1 - IDF Closet - Zone	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.035	0.317	13.3	2.7
Level 2 - Sterile Corridor - Zone	0.000	0.000	0.000	0.000	0.036	0.260	0.260	0.000	0.035	0.317	32.9	13.3	3.3
AHU-2 - System	0.388	0.000	0.080	0.000	0.036	0.264	0.264	0.000	0.035	0.317	21.5	6.8	1.8
Level 1 - Baggage Make-Up - Zone	0.000	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.054	0.317	22.8	5.3
Infrared Heaters - System	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.054	0.317	22.8	5.3
Level 1 - Curbside Check-in - Zone	0.000	0.000	0.080	0.000	0.035	0.000	0.000	0.000	0.000	0.035	0.317	82.3	20.7
Curbside Unit Heater - System	0.000	0.000	0.080	0.000	0.035	0.000	0.000	0.000	0.080	0.317	82.3	20.7	20.7
Level 1 - BHS Manual Sortation - Zone	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.035	0.317	13.3	2.7
Level 3 - Elev Machine Room - Zone	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.035	0.317	25.4	9.2
Level 3 - Telcom Room - Zone	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.035	0.317	25.4	9.2
Level 2 - Restrooms - Zone	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.035	0.317	13.3	2.7
Level 2 - Electrical Closet - Zone	0.000	0.000	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.035	0.317	27.5	9.8
Level 2 - IT Closet - Zone	0.000	0.000	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.035	0.317	25.3	