

Calculation of Net Wall Area for Air Barrier Installation

The Industry Development Fund (IDF) fee for the ABAA QAP is based on the area on the wall where the air barrier will be installed. This is **NOT** the same as the floor area of the building. The following Table shows the difference between the floor area of a building and the net wall area of a building for seven (7) architypes that are used for building codes and energy modelling purposes.

Building	Total Floor Area, ft ² for Architype	Net Wall Area, ft ²	Ratio	Gross Wall Area, ft ²	Window-to-Wall Ratio	Window Area, ft ²
Retail Stand Alone	24,695	11,769	0.48	12,669	0.071	900
Apartment Mid Rise	33,700	13,278	0.39	16,598	0.20	3,320
Office Medium	53,600	14,264	0.27	21,290	0.33	7,026
Apartment High Rise	84,360	29,046	0.34	41,495	0.30	12,449
Hospital	241,410	48,382	0.20	57,598	0.16	9,216
Hotel Large	122,132	30,249	0.25	43,337	0.302	13,088
School Secondary	210,900	43,040	0.20	64,239	0.33	21,199