



KEY	
(A)	BRISE SOLEIL PROVIDES SUN SHADING TO SOUTH-FACING DINING AREA
(B)	WATER DRAINAGE SYSTEM AS PART OF COMPREHENSIVE RAINWATER MANAGEMENT SYSTEM TO CONTROL SURFACE WATER FLOW.
(C)	PHOTOVOLTAIC PANELS RENEWABLE ENERGY SOURCE FOR HOTEL (TOTAL SURFACE 150 SQM).
(D)	DOUBLE GLAZED TO CONTROL RADIANT HEAT TRANSFER INTO GLAZED AREAS; INCREASED THERMAL PERFORMANCE
U VALUE = 1.2 W/M ² K (TOTAL UNIT) G VALUE = 0.3	

Element	Limiting 2013 U-value (W/m ² /K)	Notional 2013 U-value (W/m ² /K)	Targeted U-value (W/m ² /K)
Ground Floor	0.25	0.22	0.22
External Walls	0.35	0.26	0.18
Roof	0.25	0.18	0.15
Windows	2.2	1.6	1.2
Doors	2.2	2.18	-
	Limiting m ³ /h/m ²	Notional m ³ /h/m ²	Target m ³ /h/m ²
Air Permeability	10	3/5	5

Table 1: Proposed U-values and Air Permeability Targets

Dining Space Section