

Building (Energy Efficiency) Regulation  
Form OTTV 4

Summary of OTTV of Building Envelope

Sheet No. D

BD Ref 2/9258/16

Building address Residential Development at Sha Tin Town Lot No.614, Lai Ping Road, Kau To, Shatin, N.T.

Total Envelope Heat Gain (\*Tower/Podium)

Façade Orientation		Gross Area from Form OTTV 3	Gross Heat Gain from Form OTTV 3
a.	East		
b.	South	39.77	2047.15
c.	North	0.00	0.00
d.	West	0.00	0.00
e.	North-East	18.87	342.55
f.	South-East	439.04	30963.93
g.	South-West	32.54	276.18
h.	North-West	0.00	0.00
Subtotal		530.22 (E)	33629.81 (G)
Roof			
a.	Roof	226.88	1207
			0.00
Subtotal		226.88 (F)	1206.75 (H)

$$* \text{ Tower/ Podium Walls OTTV} = \frac{G}{E} = \underline{63.43} \text{ W/m}^2$$

$$* \text{ Tower/ Podium Roofs OTTV} = \frac{H}{F} = \underline{5.32} \text{ W/m}^2$$

$$* \text{ Tower/ Podium OTTV} = \frac{G+H}{E+F} = \underline{46.0} \text{ W/m}^2$$

\* Delete as appropriate  
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