

## OTTV of Resident's Recreational Facilities Summary Sheet

|  |                  |   |                             |           |                      |                                 |  |
|--|------------------|---|-----------------------------|-----------|----------------------|---------------------------------|--|
| Address :                                    |                  | Proposed Redevelopment at No. 3 Marble Road,<br>North Point   |                             |           |                      | BD Ref. No.<br>BD 2/3008/15/(1) |  |
| Building Type / Use:                         |                  | Resident's Recreational Facilities  |                             |           |                      |                                 |  |
| OTTV calculated by                           |                  | <input checked="" type="checkbox"/> 1. Registered Professional Engineers<br>(Building Services/Mechanical)  |                             |           |                      |                                 |  |
|  |                  | <input type="checkbox"/> 2. Architect   |                             |           |                      |                                 |  |
|  |                  | <input type="checkbox"/> 3. Others, please specify :  |                             |           |                      |                                 |  |
| Classification                               |                  | <input checked="" type="checkbox"/> Podium / <input type="checkbox"/> Tower   |                             |           |                      |                                 |  |
| No. of Storeys (RRF)                         |                  | 1   |                             |           |                      |                                 |  |
| Gross Floor Area                             |                  | 291.738 m <sup>2</sup>  |                             |           |                      |                                 |  |
| Usable Floor Area                            |                  | 174.496 m <sup>2</sup>  |                             |           |                      |                                 |  |
| Total External Wall Area (including windows) |                  | 142.80 m <sup>2</sup>   |                             |           | Window to Wall Ratio |                                 |  |
| Total Window Area                            |                  | 122.49 m <sup>2</sup>   |                             |           | = 1 : 1.16           |                                 |  |
| Total Skylight Area                          |                  | 0 m <sup>2</sup>  |                             |           |                      |                                 |  |
| *Weighted<br>Average U-value                 | Opaque Wall      | 3.67 W/m <sup>2</sup>   |                             |           |                      |                                 |  |
|  | Window           | 5.10 W/m <sup>2</sup>   |                             |           |                      |                                 |  |
|  | Opaque Roof      | 0.54 W/m <sup>2</sup>   |                             |           |                      |                                 |  |
|  | Skylight         | 0 W/m <sup>2</sup>  |                             |           |                      |                                 |  |
| Window                                       | Glass Type       | <input type="checkbox"/> Reflective   | Area = m <sup>2</sup>       | SC =      | VLT = %              | ER = %                          |  |
|  |                  | <input checked="" type="checkbox"/> Tinted  | Area = 120.39m <sup>2</sup> | SC = 0.81 | VLT = 84%            | ER = 8%                         |  |
|  |                  | <input checked="" type="checkbox"/> Clear   | Area = 2.1 m <sup>2</sup>   | SC = 0.71 | VLT = 57.08%         | ER = 5.99%                      |  |
|  | Double Glazing   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |                             |           |                      |                                 |  |
|  | External Shading | Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                             |           |                      |                                 |  |
| Skylight                                     | Glass Type       | <input type="checkbox"/> Reflective   | Area = m <sup>2</sup>       | SC =      | VLT = %              | ER = %                          |  |
|  |                  | <input type="checkbox"/> Tinted   | Area = m <sup>2</sup>       | SC =      | VLT = %              | ER = %                          |  |
|  |                  | <input type="checkbox"/> Clear  | Area = m <sup>2</sup>       | SC =      | VLT = %              | ER = %                          |  |
|  | Doubling Glazing | <input type="checkbox"/> Yes <input type="checkbox"/> No  |                             |           |                      |                                 |  |
|  | External Shading | <input type="checkbox"/> Yes <input type="checkbox"/> No  |                             |           |                      |                                 |  |
| **Weighted<br>Average<br>Absorptivity        | Wall             | 0.91  |                             |           |                      |                                 |  |
|  | Roof             | 0.41  |                             |           |                      |                                 |  |
| **Weighted<br>Average<br>Density             | Wall             | 517.59 kg/m <sup>2</sup>  |                             |           |                      |                                 |  |
|  | Roof             | 480.41 kg/m <sup>2</sup>  |                             |           |                      |                                 |  |
| OTTV <sub>RRF</sub>                          | Wall             | 75.10 W/m <sup>2</sup>  |                             |           |                      |                                 |  |
|  | Roof             | 1.50 W/m <sup>2</sup>   |                             |           |                      |                                 |  |
|  | Overall average  | 50.11 W/m <sup>2</sup>  |                             |           |                      |                                 |  |

ER = External Reflectance; SC = Shading coefficient & VLT = Visible Light Transmittance

\*\*Weighted by area

Notes :

1. Please tick in the box as appropriate
2. Window and skylight data should represent the major proportion of its use in the development.