# OTTV of Resident's Recreational Facilities Summary Sheet

**Address:** Tai Po Town Lot No. 214, Fo Yin Road, Pak Shek Kok, Tai Po N.T. (Clubhouse)

**BD Ref. No.** 2/9152/14

| | | |
|---|---|---|
| Building Type / Use : | Resident's Recreational Facilities | |
| OTTV calculated by | ☐ 1. Registered Professional Engineers | |
| | ☑ 2. Architect | |
| | ☐ 3. Others, please specify: | |
| Classification | ☑ Podium / ☐ Tower | |
| No. of Storeys (RRF) | 2 | |
| Gross Floor Area | 2715.482m² | |
| Usable Floor Area | 1342.423m² | |
| Total External Wall Area (including windows) | 1688.49 m²     Window to Wall Ratio | |
| Total Window Area | 1035.22 m²     =0.61 | |
| Total Skylight Area | 60.4 m² | |

| **Weighted Average U-value | Opaque Wall | 2.23 W/m² |
|---|---|---|
| | Window | 2.28 W/m² |
| | Opaque Roof | 0.42 W/m² |
| | Skylight | 1.63 W/m² |

**Window**

| Glass Type | | Area | SC | VLT | | ER | |
|---|---|---|---|---|---|---|---|
| ☐ Reflective | Area= | m² | SC= | VLT= | % | ER= | % |
| ☐ Tinted | Area= | m² | SC= | VLT= | % | ER= | % |
| ☑ Clear | Area= | 442.23m² | SC=0.45 | VLT=66 | % | ER=11 | % |
| | Area= | 429.84m² | SC=0.45 | VLT=67 | % | ER=12 | % |
| | Area= | 65.15m² | SC=1.02 | VLT=90 | % | ER=8 | % |
| | Area= | 98.00m² | SC=1.03 | VLT=91 | % | ER=8 | % |

| Double Glazing | ☐ Yes   ☑ No |
|---|---|
| External Shading | Overhang   ☐ Yes   ☑ No |
| | Sidefin   ☐ Yes   ☑ No |

**Skylight**

| Glass Type | | Area | SC | VLT | | ER | |
|---|---|---|---|---|---|---|---|
| ☐ Reflective | Area= | m² | SC= | VLT= | % | ER= | % |
| ☐ Tinted | Area= | m² | SC= | VLT= | % | ER= | % |
| ☑ Clear | Area= | 60.4m² | SC=0.45 | VLT= | 66% | ER= | 11% |

| Double Glazing | ☐ Yes   ☑ No |
|---|---|
| External Shading | Overhang   ☐ Yes   ☑ No |
| | Sidefin   ☐ Yes   ☑ No |

| **Weighted Average Absorptivity | Wall | 0.50 |
|---|---|---|
| | Roof | 1.5 |

| **Weighted Average Density | Wall | 417.47 kg/m² |
|---|---|---|
| | Roof | 548.80 kg/m² |

| OTTV$_{RRF}$ | Wall | 61.23 W/m² |
|---|---|---|
| | Roof | 10.52 W/m² |
| | Overall Average | 37 W/m² |

**Notes:**
ER = External Reflectance
SC = Shading Coefficient
VLT = Visible Light Transmittance
** Weighted by area
Window and skylight data should represent the major proportion of its use in the development.