### Sky Terraces

Sky terraces are communal garden spaces provided at the intermediate storeys of a building. The following requirements shall be complied with for sky terraces to be excluded from GFA.

<https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/GFA-17A-Sky-Terrace_GFA-Exemption_final.jpg?h=576&w=1000>

*Sky Terrace*

[*https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/GFA-25-Predominant-Sky-terrace\_-Residual-Area\_final.jpg?h=573&w=1001*](https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/GFA-25-Predominant-Sky-terrace_-Residual-Area_final.jpg?h=573&w=1001)

*Predominant Sky Terrace*

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Sky Terrace** | **Predominant Sky Terrace** |
| **Sky terrace area as % of floor plate** | Not applicable | The sky terrace area within the 45-degree line occupies equal to or more than 60% of the floor plate. |
| **Perimeter openness** | At least 40% of the perimeter of the sky terrace is to remain open1 and unenclosed. | At least 60% of the perimeter of the sky terrace is open1and unenclosed. |
| Parapet walls shall not exceed 1.3m in height to be considered open. | |
| **Depth of sky terrace** | The proposed depth of the sky terrace shall be minimally 5.0m throughout. | |
| **Landscaping** | Plants shall be incorporated on permanent and preferably sunken planting, planned with sufficient soil depth based on the types of plants proposed.  The planting shall be well externalised.  Some space shall be set aside for the provision of communal facilities and furniture to enhance the usage of the sky terrace.  As an alternative to providing sunken planting beds, building owners can provide well-landscaped, raised planting beds up to 300mm high, planted with trees or shrubs. This facilitates compliance with FSSD’s fire safety requirements on habitable space.  The sky terraces shall be designed with safety and maintainability provisions in mind. | |
| **Accessibility and ownership** | The sky terrace shall be accessible to all occupants of the building and there shall be at least one set of communal access via a lift or staircase serving the sky terrace. Secondary access to the sky terrace from strata units can be supported.  The layout of sky terrace floors shall be subject to evaluation to ensure that the sky terrace space is meant for communal use and is not treated as a privatised space. For sky terraces in residential developments that occupy less than 60% of the floor plates, the sky terraces shall serve a minimum of 2 strata units to ensure that they remain as communal space. They shall remain as common property in strata subdivided developments. | |
| **Drop panels** | Where proposed, drop panels at the perimeter shall be visually transparent and may be in the form of louvres, fins, transparent glass, or other sun shading/weather protective devices. The panel shall not exceed one third of the height of the external opening. The area of GFA exemption2 as defined by a 45-degree line shall be taken from the underside of any permanent or opaque structure, and not from the underside of a drop panel. | |
| **Additional height** | Not eligible | Refer to Additional Height for Predominant Sky Terrace Storey sub-section in the Residential and Non-Residential Handbooks. |
| **GFA exemption** | For sky terraces occupying less than 60% of the floor plate, the maximum area for GFA exemption of the sky terrace is defined by the area covered by a 45-degree line taken from the edge of the overhead projection. | URA may grant additional GFA exemption for residual areas beyond the 45-degree line (capped at 20% of the floor plate area), if such areas form an integral part of the sky terrace or are part of the barrier-free/fire escape corridors. |
| Corridors may be exempted from GFA computation for all sky terraces regardless of size subject to the following criteria:   * The corridor lies within the 45-degree exemption area; * The corridor serves the sky terrace; and * At least 40% of the perimeter of the sky terrace is to remain open1and unenclosed. * The corridor does not serve as the primary access to units located on the same floor as the sky terrace. | |
| Submission requirements | A Landscape Plan and relevant sections for the sky terrace showing the proposed landscaping scheme, planting palette, soil depth and communal facilities shall be submitted as part of the Development Application (see example below). | |

1 Parapet walls shall not exceed 1.3m in height to allow for more openness.

2The 45-degree GFA exemption area may be taken from all external parapet walls (including recessed external parapet walls) surrounding the sky terrace.

Landscape Plan for Sky Terraces

<https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/F11-Example-of-Landscape-Plan_final.jpg?h=785&w=1000>

*Example of a Landscape Plan (view high-res illustration* [*here*](https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/F11-Example-of-Landscape-Plan_final.jpg)*)*

Perimeter Openness Computation for Sky Terraces

<https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/GFA-19-Sky-Terrace_Perimeter-Wall_final.jpg?h=590&w=1000>

*Plan Showing how the Perimeter Openness is Calculated*

Barrier Free Access and Fire Escape Corridors

<https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/GFA-24-Sky-Terrace_barrier-Free-Corridors_final.jpg?h=462&w=1000>

*Example of a Sky Terrace with Barrier Free Access and Fire Escape Corridor*

Columns within 45-Degree Line

For scenarios where covered areas within the 45-degree line are excluded from GFA (e.g. Communal Covered Ground Garden and Sky Terraces), the area shadowed by columns are excluded from GFA.

<https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/GFA-59A-Shadow-area-of-columns-within-45-degree-line_final.jpg?h=679&w=1000>

*Areas Covered by Column within 45-Degree Line*

If the column is excessively large (akin to a wall), the shadowed area shall be included as GFA. The 45-degree line for GFA exemption is not applicable in such instance.

<https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/GFA-59B-Shadow-area-of-columns-within-45-degree-line_final.jpg?h=679&w=1000>

*Areas Covered by Wall within 45-Degree Line*

Recessed Walls

<https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/GFA-18-Sky-Terrace_Recessed-Wall_final2.jpg?h=591&w=1000>

*Example of Area excluded from GFA where there are Recessed Walls*

Residual Areas

<https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/GFA-25-Predominant-Sky-terrace_-Residual-Area_final.jpg?h=652&w=1000>

*Example 1 – Residual Areas within a Predominant Sky Terrace*

[*https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/GFA-20-Predominant-Sky-Terrace\_final.jpg?h=684&w=1000*](https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/GFA-20-Predominant-Sky-Terrace_final.jpg?h=684&w=1000)

*Example 2 – Residual Areas within a Predominant Sky Terrace*

GFA Computation for Sky Terraces

<https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/GFA-23-Sky-Terrace_Computation-of-GFA-Exemptation-2_final.jpg>

*Example 1 - GFA Computation for Sky Terrace*

[*https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/GFA-22-Sky-Terrace\_Computation-of-GFA-Exemptation-1\_final.jpg*](https://www.ura.gov.sg/-/media/Corporate/Guidelines/Development-control/GFA/GFA-22-Sky-Terrace_Computation-of-GFA-Exemptation-1_final.jpg)

*Example 2 - GFA Computation for Predominant   Sky Terrace*

*Last updated on 26 Jul 2023*