

Help Guide

- Definitions-
Total Site Area: This refers to the total area which is within the property lines of a project.
Total Building Footprint Area: This refers to the area on a project site that is used by the building structure and is defined by the perimeter of the building plan. Parking lots, landscapes, and other non-building facilities are not included in the building footprint.
Hard Paved Area: This refers to the outside area made of concrete, asphalt, brick, tile, bitumen, timber or similar impervious surface (whether or not it is covered by a roof, pergola or other structure), such as a courtyard, decking, pavement, swimming pool etc.
Soft Paved Area: This refers to the living elements of your landscape design such as trees, lawn, shrubs, natural ponds, pavers with grass opening etc or similar pervious surface.
- Under Rainwater Harvesting Potential Calculator- For type of catchment and surface, refer figure 1.



Figure 1: Typical landscape plan for a site

Kindly make sure that the lawn, vegetation (shrubs) and tree area is not considered multiple times while calculating the catchment area under 'Soft Paved'.

- Value assumption for runoff coefficients of catchment areas and peak hour rainfall of cities has been taken from GRIHA (Green Rating for Integrated Habitat Assessment) database.
- User has to make sure that the values entered are according to the units mentioned in the calculator, to avoid any miscalculation.

- Kindly note that in the result section, total rainwater harvesting potential of the site should not be considered as the sum of total rooftop rainwater storage potential of the site and total surface rainwater harvesting potential of the site. This is so because both have considered different peak rainfall values (peak hourly for rooftop rainwater potential and peak daily for surface rainwater harvesting potential) for calculation.