



## Tree House Condominium, Chestnut Avenue, Singapore

### Project Design Brief

Tree House is a 4 block, 24-storey condominium located on Chestnut Avenue. Occupying a surface area of 2,289 sq m, the garden is expected to achieve more than \$500,000 in energy and water savings a year. Its features includes heat-reducing windows and motion sensors at staircases that activate lights automatically.

The vertical garden built by property firm City Developments Limited (CDL) can also reduce the estate's carbon footprint by filtering pollutants and carbon dioxide out of the air. This reduces heat absorption and lowers the energy needed to cool indoor spaces.

### ACO Solution

- **KlassikDrain** K300 with galvanized grating

### Benefits

- The 0.5% built-in slope in the K300 system reduced additional labor work for the contractor on site to create gradient
- Big grating opening to intake large amounts of water
- Easy access for maintenance via removable gratings with boltless locking device

### Architect

- ADDP

