

Project: The Civil Engineering and Development Department Building (HK Government)

Product: CMSA Greenroof System (Podium Planter Drainage)

Consultant: Architectural Services Department

Main Contractor: Chun Wo Construction

Located in Homantin, Kowloon,
**Civil Engineering and Development
Department (CEDD) Building** is the Center
of all HK Civil and Geotechnical Engineers.

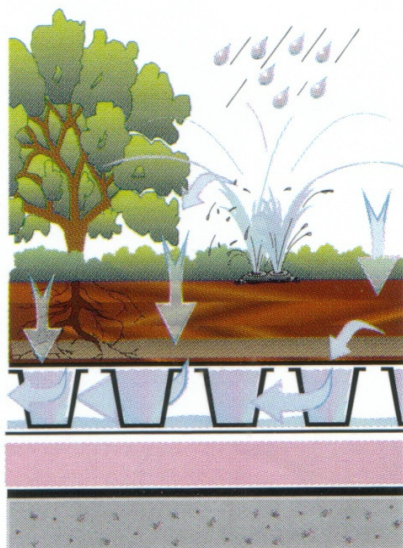
It is the headquarter for CEDD that responsible
for the "implementation and maintenance
of high quality public works projects including
port development, land formation, landslip
preventive measures and environmental
improvement measures and to maintain
Hong Kong's leading role in setting
international standards for slope safety".

It also includes the Civil Engineering Library
that "contains over 120,000 documents,
including periodicals, books, conference
proceedings, manuals, standards,
codes of practice, geotechnical reports,
maps, documents submitted to the GEO
in support of private developments,
and documents produced by or for
government departments".



CMSA Greenroof System is proud to be the planter
drainage layer for this colorful and gradational
landscaped podium that provides a healthy and
rejuvenate environment to the Engineers.

Photo Gallery



*Rain or Sprinkler

*Growing Medium

*CMSA Greenroof System
for Drainage, Water Storage
Reservoirs and Aeration

*Insulation

*Roof Membrane

*Podium / Roof Slab

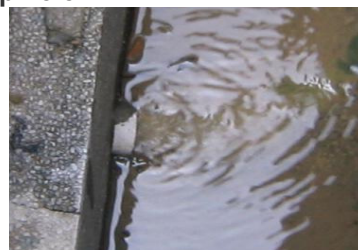
CMSA Greenroof System is a thin composite layer composed of a rigid but flexible drainage core bonded with geotextile.

The core provides aeration to the plants and allows **CMSA Greenroof System** to have a high water flow rate under high external compressive force.

Water from rain or sprinkled water fills up the water storage cones of this drainage core and excess water is carried to the drainage outlets through holes (min 5mm dia) in the upper surface of the core.

The geotextile separates soil particles while allowing water to pass freely into the core.

Installation, backfilling and the draining of planter water from weep hole



Beautiful Flowers



Colorful and gradational landscape



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