

## DOLPHIN PLAZA COMMERCIAL & RESIDENTIAL / OFFICE COMPLEX, HANOI, VIETNAM

### THE BUILDING

The project is located near the My Dinh Bus Interchange in Hanoi. This development consists of 2 levels of basement car park, 2 podium blocks of 3-storey, 4 tower blocks of 28-storey with approximate floor area of 95,000 m<sup>2</sup>. When completed, it will showcase a very first-of-its-kind building structure in Vietnam including a technical floor with sky-garden at a height of 14m, and a 3m thick transfer plate on top of it.

### FLOOR SYSTEMS

The design of structural floor for the 3-storey podium is by conventional concrete slab and post-tensioned beam of maximum 15m span length. The 4 numbers of transfer plates, each measuring 3m deep x 14m wide x 58.7 long, are post-tensioned with a total of 376 sets of multistrand type 22-strand anchorages.



### UTRACON'S INVOLVEMENT

Our scope of works includes the design review, technical supports, trouble-shooting and supervision of post-tensioning works for transfer plate.

Owner : TID & PVFC LAND  
Contractor : Hanoi Construction Joint Stock Company No.1 (HACC1)  
Construction Period : January 2009 – December 2011

