ON THE DRAWING BOARDS

One Park Avenue Residence, JAKARTA

One Park Avenue is located adjacent to the One Park Residence in Jakarta’s prime address, Kebayoran Baru. The development consists of 4 condominium towers of 30 levels with 3 to 4 levels basement. These towers are connected at the large 5 to 6-story podium.

The main lateral structural system is RC shear wall sitting on bored-pile foundation.

Client: PT. Gandaria Permai
Architect: CSY Singapore & PDW Architect

Puri Matahari Tower, JAKARTA

Puri Matahari is a 27-story office cum apartment building with 2-level of basement located in Jalan Lingkar Luar Barat, Jakarta, with total area of 42,000 sqm. The building is designed with base isolation system, using High Damping Rubber Bearings (HDRB) which separate the tower and the foundation. The HDRBs isolate the building from severe earthquake ground motion, that will significantly reduce the damage of the building and its content including the occupants during seismic event.

To ensure the system works optimally, RC wall with outrigger and steel frame is chosen as the lateral structural system of the tower.

Client: PT. Puri Matahari
Architect: DP Architect Singapore & Anggara Architeam

Djarum Headquarter, JAKARTA

Being one of very few high rise buildings using High Damper Rubber Bearings as seismic isolation system, Djarum Headquarter, a 24-story office building with 5-level basement is located at the center of Jakarta. This building has a huge typical floor area of 3,000 sqm, and 14 m span composite steel truss. It has its own data center and recreational area. The lateral resisting system is RC core wall and outriggers and special steel moment frame.

Client: PT. Djarum
Architect: Airmas Asri

Hotel Mercure Lampung, LAMPUNG

Mercure Hotel is a new development with 290 room keys, located at the center of Lampung. The complex consists of twenty-five story building with 2 levels of basement, which includes 5 levels of poduim area, with an estimated total area of 40,000 m2. The structural system consists of reinforced concrete core wall + moment frame. The podium level supports various amenities such as pool, spa, fitness center, restaurants, including a very spacious ballroom. Prestressed concrete is used to support 32 m long span beams above the ballroom.

Client: PT. Pilar Mas Bersama
Architect: DCM Indonesia

PT. DAVYSUKAMTA KONSULTAN STRUCTURAL ENGINEERS

Pondok Pinang Center Blok A-18, Jl. Ciputat Raya - Jakarta 12310
Telp.: (+62-21) 7511523, 7509394, 7511390
Fax.: (+62-21) 7511525,
Website : www.davysukamta.com  E-mail: sukamta@rad.net.id

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DESIGNING BETTER STRUCTURE

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