

Chula Sport Complex

Chulalongkorn University , Bangkok , Thailand , 2009-2010



- **Client :**
Chulalongkorn University

- **All Designed By :**
Chulalongkorn University

- **Constructed By :**
Christiani & Nielsen (Thai) Public Company Limited

- **Description :**
Indoor sport Building : 5 storey gymnasium & operation office. Structural consist of bore pile with wet process , post tension slab and steel roof truss. Architectural post tension slab and steel roof truss. Architectural shape of aluminium grill decorated , 4mm.thk PVC floor tile for badminton&table tennis court , maple wood floor (Robbins model Bio-sleepes) for basketball court and semi-cicular metal roof sheet. M&E work consist with electrical work , sanitary work , fire protection and air conditioning&ventilation work system.The 5-storey of gymnasium has divided into 2 section to every storey : first , operation office and second , Indoor sport court that consist with badminton court , table tennis court

basketball court , volleyball court , indoor sport room and fitness room.Sport equipment work consist of installation for all sport type that avilabe in building
Total floor area = 19,500 sq.m.

Outdoor sport Building : 2 storey.Structural consist of bore pile with wet process and RC.slab.Architectural consist with brick work & plastering with PVC grooving and louver&metal sheet siding on RC.roof floor. M&E consist with electrical work , sanitary work , fire protection , air conditioning & ventilation and swimming pool system.Ground floor used for pump room , waer tank , chlorine room and storage room,the other floors used for swimming pool and main electrical for building
Total floor area = 2,500 sq.m.

Drainage System : Total Length 280 m.

Landscape and Foot-Path : Total Area 1,600 sq.m.



CHRISTIANI & NIELSEN

