

A Construction Site That Surprises Foreign Clients

CHA Medical Group Ilsan Global Life Center

“ WHC visitors dubbed it
'the best project site,'
impressed by the site's
cleanliness. ”

CHA Medical Group Ilsan Global Life Center is slated to be a mixed-use building (B8/13F), which consists of medical, sales and neighborhood commercial facilities. The Center (Total floor area: 72,172 m²) will be built using the Full Top-Down method. Based on the latest business models, it will also become a medical complex catering to diverse lifestyles, featuring the finest OB/GYN clinic, a hospital dedicated to the top 10 health threats to women, a five-star post-partum care hotel and a four-story commercial facility.

A Clean and Safe Construction Site

This construction site has adopted strict and specific worker safety management rules related to safety gears, safety railings, footholds, equipment and fire equipment. In particular, to ensure the safety of concurrent works taking place in confused spaces, safety facilities have been installed (and uninstalled) in a thorough and expedient manner. At the same time, considering that the site is located in a busy downtown area, strong attention has been paid to the safety of

the site's outer areas.

CLEANLINESS is what this site is most proud of. Every morning, the site's outer areas are cleaned up, which created a favorable impression of the site among local residents.

Moreover, the site's three entrances are cleaned with water every day, to minimize the scattering of dust caused by workers and moving vehicles.

Plus, dust on each floor of the building has been removed using non-powered cleaners and sawdust.

Since the Top-Down method, where the construction of upper and lower floors happen at the same time, requires a high volume of material traffic, the just-in-time management method has been used to handle the daily influx of materials and lifting management. Moreover, waste and surplus materials have been removed from the site immediately, to maintain cleanliness.

Factoring in the site's downtown location and the presence of an air pollution measuring station run by the Goyang City Government in front of the site's outer fence, the construction team has paid special attention to controlling fine dust and air quality levels.





[Officials from Singapore's Building and Construction Authority (BCA) visiting the site (Oct. 16, 2017)]

A Site That Impresses Clients

The safe and clean management of the site has drawn many outside visitors.

Regarding the bidding of the Woodlands Health Campus (WHC) project, Singapore's Ministry of Health (MOH), the project owner, sent some 20 people, including the CEO of the WHC, to this site for a visit on June 8, 2017. A presentation was made to the visitors to explain major construction methods being used, the adoption of Fourth Industrial Revolution technologies and other techniques applied on site, showcasing Ssangyong E&C's superior technical prowess. They expressed satisfaction with the company's on-site management, dubbing it "the best construction site."

The positive impression contributed to Ssangyong E&C's winning the contract to build the WHC, which is slated to become the largest hospital in Southeast Asia.

In addition to these visitors, numerous major project owners have visited this site well-known for its cleanliness and safety. The visits have contributed greatly to enhancing the corporate image of Ssangyong E&C.

In 2017, the site received a commendation from the mayor



[Architects from Veritas Design Group, the owner of Oxley Towers KLCC project, visiting the site (Oct. 27, 2017)]

of Goyang City for excellent on-site management, an accolade given to only three sites out of some 200 private construction sites in the city. **S**



[CEO of WHC and 20 officials from the MOH visiting the site (June 8, 2017)]

Project Overview

- Project Name: CHA Medical Group Ilsan Global Life Center
- Project Value: USD 91 million (KRW 101.4 million)
- Site Area: 5,707 m²
- Building Area: 3,996 m²
- Project Period: October 2016 – August 2019
- Total Floor Area: Underground 36,868 m², Aboveground: 35,304 m², Total: 72,172 m²
- Scope: 8 underground floors, 13 floors
- Parking Capacity: 607 cars