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# **SEAMARQ Hotel**

## **Project Description:**

Duration: 2014 ~2016

Location: Gangwon Province, Republic of Korea Design: 1. Foreign; Richard Meier & Partners LLP

2. Domestic; Hyundai Arch. & Eng.

Construction: Hyundai E & C

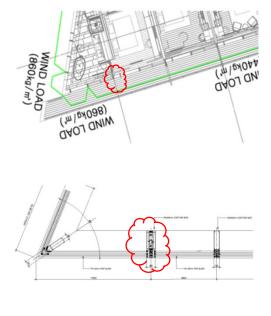
### Scope of Services: Design;

- Schematic Design
- Design Development
- Construction Documents

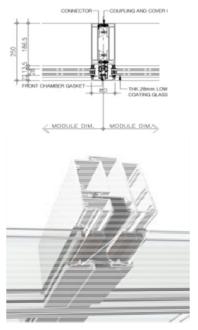


During **Schematic Design** Summit Facade assisted the architect and the design team in establishing the performance criteria of the façade. This will include evaluation of the design options that could prevents surprises in the later phase of the design such as when features or visual elements are "discovered" to be unworkable or cost prohibitive. With our input, these issues are addressed before the design evolves too far.

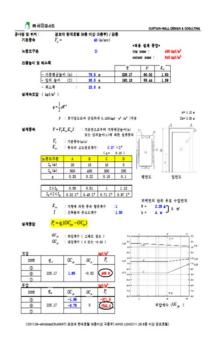
- Review of architectural drawings focusing on the constructability of the façade intent
- Review of wind tunnel test report or local wind code
- Review of the façade modulation in relation to available materials
- Review of the façade design options
- Proposed façade system design intent
- Schematic design report



Review of Architectural Drawings



Façade system Design



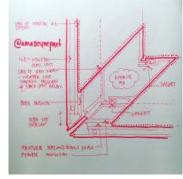
Wind loading calculation

At **Design Development** stage, Summit Facade developed façade design details incorporating all design aspects, this includes local code requirements, thermal requirements, structural integrity, air and water infiltration requirement, smoke and fire stop, integration of building maintenance restrain, consideration of façade lightning protection and integration of façade lightning.

- Façade system design details
- Façade system budgetary cost
- Outline façade specification
- Design Development report

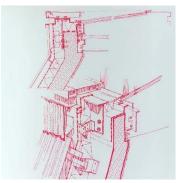


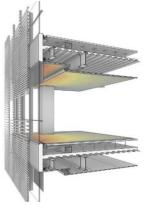






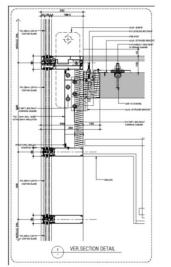


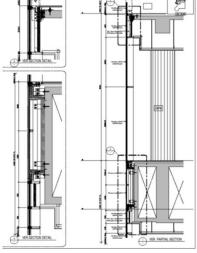




Summit Facade prepared a set of **Construction Documents** of the façade to be use for bidding and contract documents. This includes façade system details of each wall types, technical performance specification and mockup scope. Summit Facade coordinated with the design team to insure that all requirements are considered in the documents package. The CD set will have adequate information covering the façade scope and performance.

- Façade system design details package
- Façade technical performance specification
- Performance Mockup scope
- Construction document report



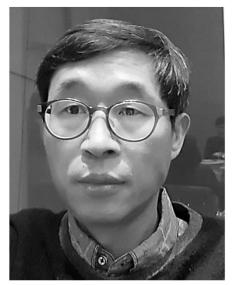


Construction Documents Drawing Set



Mock-Up Test Report / Aluminum Curtain Wall





Mun Yeob Kim; Principal

In more than decade of service in the curtain wall industry, Summit Façade has advanced to become a total provider, the leading curtain wall consultant in Korea. It was founded in Seoul in 2001 by Mun Yeob Kim. Soon after, the company worked on a number of high-profile assignments like the World Trade Center (Seoul), Incheon International Airport (Incheon), La Guardia Airport(New York), Yangon Myanmar Grand Hotel (Yangon) and Respublika Plaza (Astana). Through the years, it has established partnerships with the world's top architects and owners and has played a vital role in the development of curtain wall systems for various celebrated landmarks around the world. In 2018, Summit Façade expanded into the Luxury brand flagship market. Noteworthy projects include the Chanel, Van Cleef & Arpels and Hermes'. Our expertise is borne from more than

market. Noteworthy projects include the Chanel, Van Cleef & Arpels and Hermes'. Our expertise is borne from more than decade of design and practical experience in façade consultancy. Summit Façade adopts the proactive approach. We formulate viable solutions, addressing concerns and coordinating closely with clients even before the design evolves too far

The design team operates on state-of-the-art software for accurate results in drawings and reviews. Regular training and research keeps us abreast with the latest design trends, design engineering, and technical management of cladding and wall systems. At Summit Façade, we bring together the best minds and hands that are well-versed in all aspects of the façade consultancy business.

### **OUR CLIENTS**

SAMSUNG ELECTRONIC HYUNDAI / KIA MOTORS HYUNDAI E & C DAEWOO E & C POSCO E & C LOTTE E & C SKE&C GSE&C LOTTE HOTEL & RESORT WALKERHILL HOTEL & RESORT HAEUNDAE BEACH GOLF & RESORT **GRAND SHERATION** PARADISE CASINO FOUR SEASONS ACRO SEOUL FOREST Van Cleef & Arpels **CHANEL** HERME'S NAVER Corp. I' PARK M.B.C. L.H. Corp.

M.D.C.
ORACAL
THE MVL KINTEX
AMORE PACIFIC CORP
EWHA WOMANS UNIVERSITY
MINISTRY OF OCEANS & FISHERIES
INCHEON INT' AIREPORT

KEPCO; KPS

HANA BANK

BANK OF KOREA KOREA DEVELOPMENT BANK

### **OUR COLLABORATORS**

Skidmore Owings & Merrill LLP Kohn Pederson Fox Associates Richard Meier & Partners LLP John Portmain & Assoc. Perkins Eastman & Assoc. NIKKEN SEKKEI Ltd. Delugan Meissl Associates Architects Studio Daniel Libeskind Hellmuth, Obata + Kassabaum Eckersley O'Callaghan MG Partners & Assoc. **AEDAS** SMDP Studio. David Chipperfield Architects Ltd. Callison RTKLCOUTAINWALL DESIGN CONSULTING ALT International facade consultant

Eclipses + Will Ltd. DPJ & Partners HYUNDAI E & C SAMSUNG E & C POSCO E & C DAELIM E & C LOTTE E & C HANMI GLOBAL BAUM Architects. Jung Il Architecture. Junglim Architecture. Group A Architects & Assoc. Mooyung Architects & Engineers. Samoo Architects & Engineers. Jungahn Architects & Engineers. Gunwon Architects & Engineers. Changio Architects & Engineers. HEERIM ARCHITECTS & PLANNERS CO. LTD.