

HIEO GROUP

Company Introduction

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HIEO INCORPORATED

HIEO Inc.

- Tensile Structure
- Park Facilities

www.hieo.co.kr



G L O B A L

HIEO GLOBAL Inc.

- Overseas Public Procurement
- Trading & Sourcing Service

www.hieoglobal.com



THE FOURTH Inc.

- Emergency Alarming System
- Voice Recognition

www.sosbell.co.kr

Tensile Structure

Over the past 20 years, we've developed architectural structures that tie in closely with people's lives, leading to continuous growth and change in corporate activities, such as changing architectural spaces under the guise of large span spatial transformation.

As Korea's leading tensile membrane structure specialist, HIEO inc. constantly strives to support innovation in people's living spaces through the best technology and optimal construction methods.



We provide **excellent quality and service** and offer opportunities for **innovation in large spaces** to customers and citizens.

1

Harmony

As an ESG certified company, our top corporate philosophy is creating harmony between nature and humans.

2

Humanity

We improve quality of life and overall convenience by applying structural technology to people-centered living spaces.

3

Happiness

We provide a variety of environments to increase user happiness and satisfaction with our products, two values important to us as a company.

4

Hyper Connectivity

We offer new value in the creation of space by organically linking people, structures, technology, and services.

Contents

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- Clients & Partners

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- Applications
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01. About HIEO Inc.



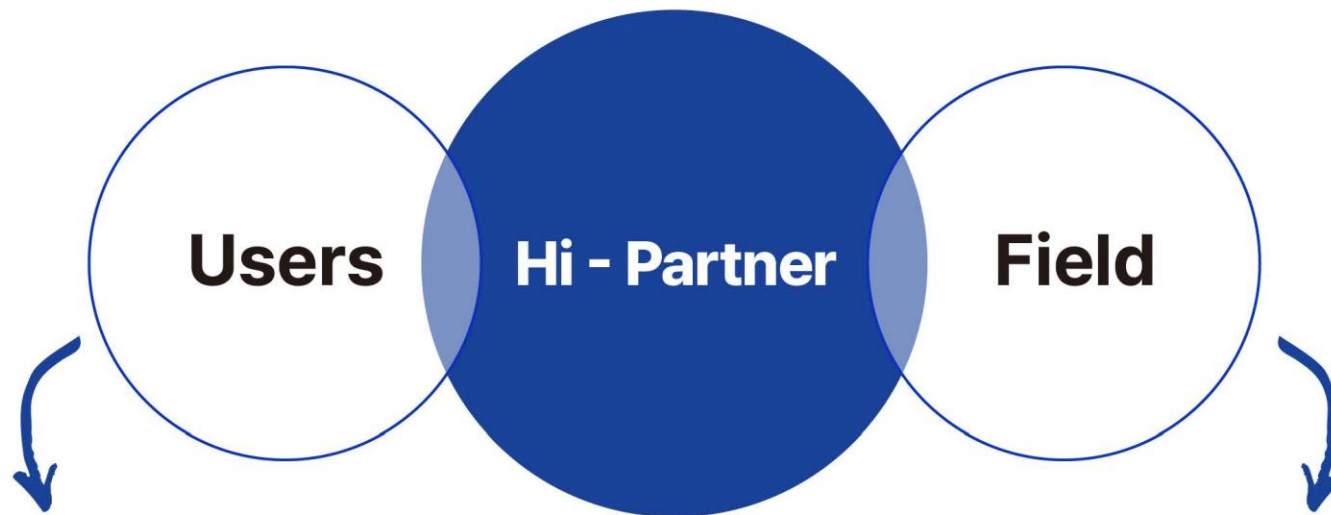
Hi - Partner
/
Organization
/
Clients & Partners

01

Hi - Partner

Integrated business partner for rapid response

We reliably respond to various field situations and user needs, and do our best to understand our customers' priorities.



- Rapid identification of user needs in advance
- Setting the scope of the project within budget
- Proposal combining various advantages

- Providing a business progress checklist
- Fostering organic communication between companies
- Professional construction based on numerous field experiences



High Quality

- Increasing convenience by applying high-quality membrane material with high light transparency
- Providing cutting-edge technology by introducing the latest welding (joining) equipment



Price Competitiveness

- Minimizing costs by designing accurate design patterns (cutting)
- Cost savings through in-house factory production and HIEO's professional construction team



Design for Safety

- Introducing structural safety evaluation system for each project
- Creating a design that realizes optimal structural stability suitable for the field



Corporate Certifications

- ISO 45001 – Safety and Health Management System
- ISO 9001 – Process Quality Assurance System
- ISO 14001 – Environmental Management System
- ESG Management – Environment, Society, and Governance

03 Hi - Partner

A company you can trust, certified to international standards



ISO 45001: 2018

ISO 45001: 2018 standard requirements
Compliance with corporate safety and
health management systems



ISO 14001: 2015

ISO 14001: 2015 standard requirements
Compliance with environmental
management system



ISO 9001: 2015

ISO 9001: 2015 standard requirements
Compliance with quality management systems

Certification



Designation of Promising
Company in Overseas
Procurement Market



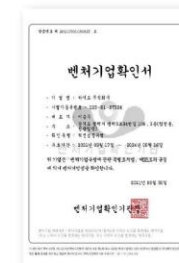
Confirmation of business
for people with disabilities



Corporate research
institute certification



Korea International Trade
Association membership



Venture business
confirmation



Patent No. 10-2092323
Membrane Structure Patent



Patent No. 10-1327328
Membrane Fixing Member
for Membrane Structure



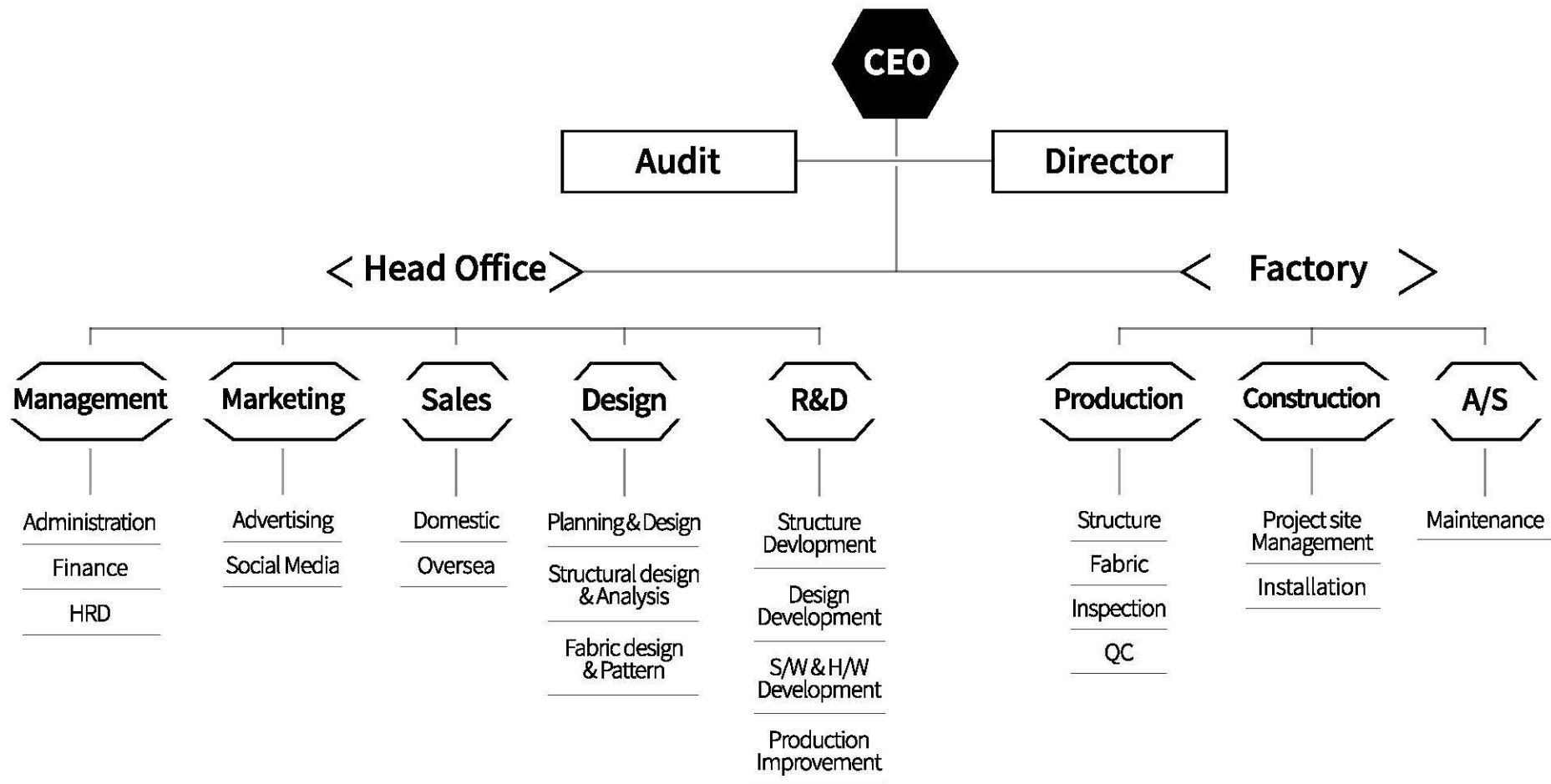
Patent Design Registration No.
30-0697726, 30-0697728, 30-0697729, No. 30-0697730



Patent

04 Organization

Organizational Structure



Global Engagement and Market Presence

We are actively trading not only domestically but also internationally through the network of global partners and expanding our global market.

DOMESTIC

- **Government Offices** : City Halls, Public Institutions, Public Organizations, Etc.
- **Construction Companies** : Hyundai, Samsung, GS, POSCO, Etc.
- **Top 3 Engineering and Design Companies** :
 - KECC(Korea Engineering Consultants Corporation)
 - Dohwa Engineering Co., Ltd.
 - Yooshin Engineering Co.

ABROAD

- **Vietnam**
Exclusive Distributor - NAM THUAN PHAT Engineering Group
- **HongKong**
Exclusive Distributor - Suprahealth S&R Engineering Ltd.
- **Macau**
Exclusive Distributor - MANTECH
- **Myanmar**
Strategic Partner - Jewellery Luck Group of Companies Ltd.
Official Distributor - Myanmar First Family Co., Ltd.
- **Thailand**
MOU Contractor - Krungtepdesign

02. About Tensile Structure

Advantages

/

Applications

/

Design and Construction Process

01

Advantages

Global Engagement and Market Presence

HIEO Inc. global partner network actively engages in transactions both domestically and internationally, maintaining a continuous presence in global markets.



Designability

Because they are ductile, it is possible to freely create geometric shapes with curved surfaces and appearances.



Constructability

Construction time can be reduced since they can be cut and welded at the factory.



Economic

Since they are 1/30 the weight of steel, construction costs can be reduced by making substructures lighter.



Durability

Varies slightly depending on the membrane material, but more than 30 years of use is possible when using a PTFE membrane material.



Light Permeability

Since they are translucent and transmit natural light by about 13%, energy costs can be saved by reducing lighting facilities, and discoloration of interior finishing materials can be prevented by blocking ultraviolet rays.



Sound Absorbability

Flexibility and air permeability are ensured in the woven fabric structure, providing a sound-absorbing effect. Such effect can be increased by installing a double membrane.



Non-Flammability

Non-flammable with use of non-flammable materials such as fluorine resin coatings.



Cleaning Action

When the surface is coated, dust and foreign matter are washed away when it rains, and thus external cleanliness and light permeability are maintained.

02

Applications

Iconic



03

Applications

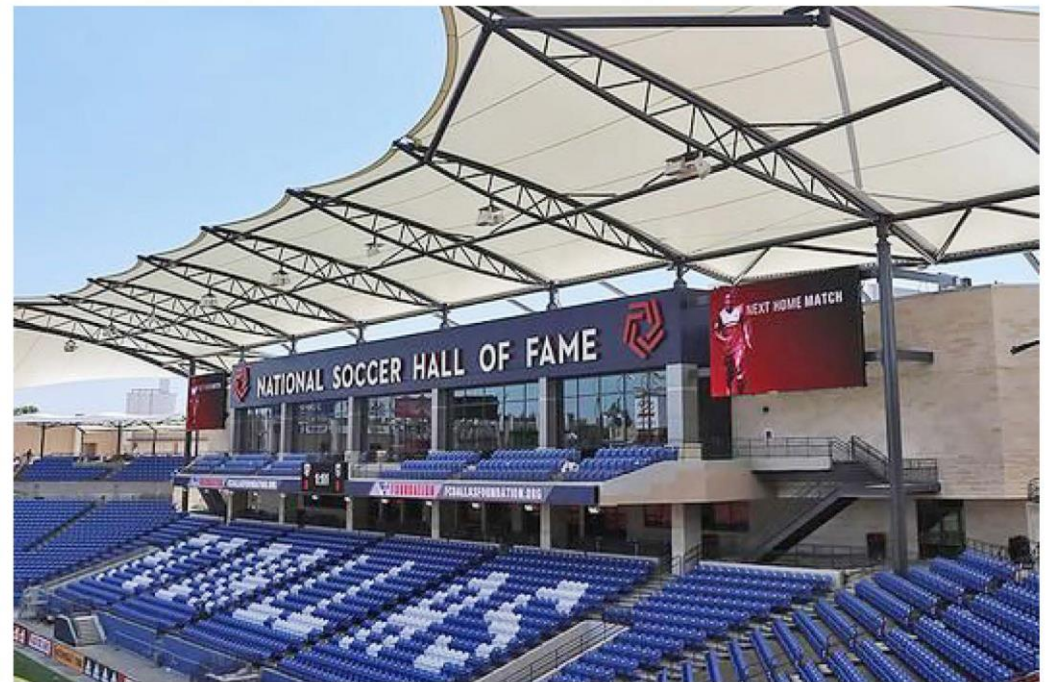
Outdoor Stage



04

Applications

Sports



05

Applications

Courtyard & Shade



Exterior & Facade



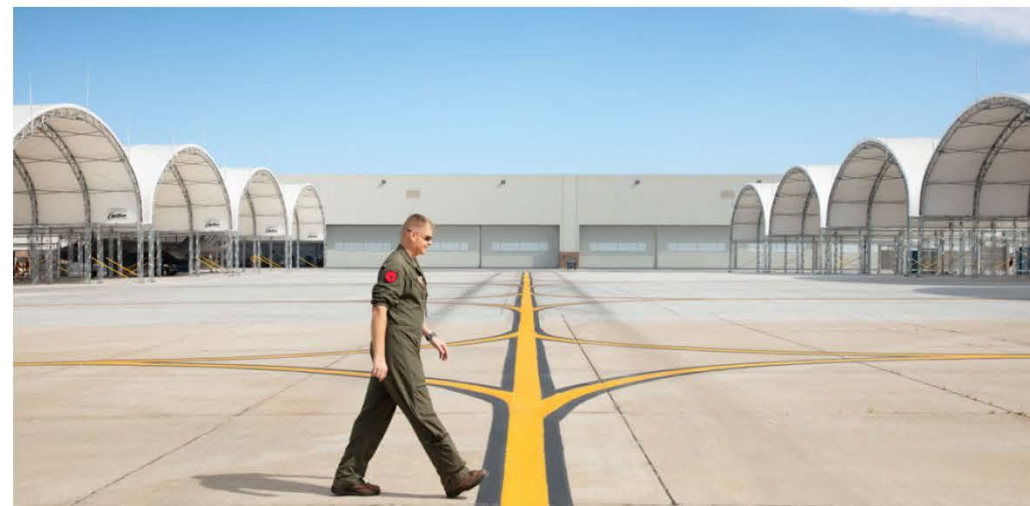
Walkway



08

Applications

For Military



09

Applications

For Military



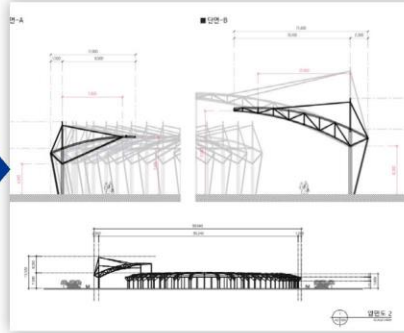
10

Design & Construction Process

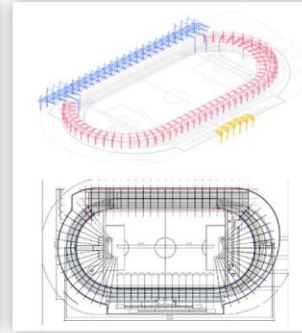
1. Concept Design



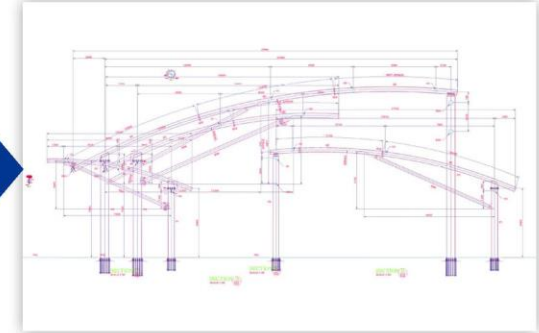
Planning and Design



Form - finding

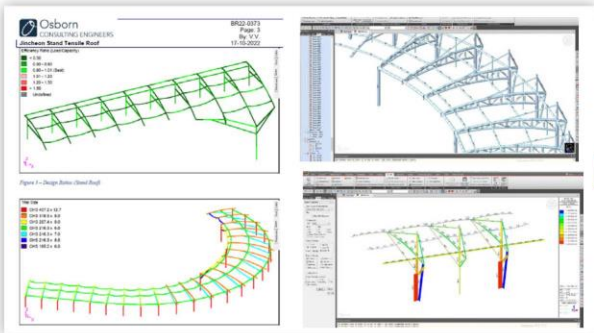


Steel Frame Analysis

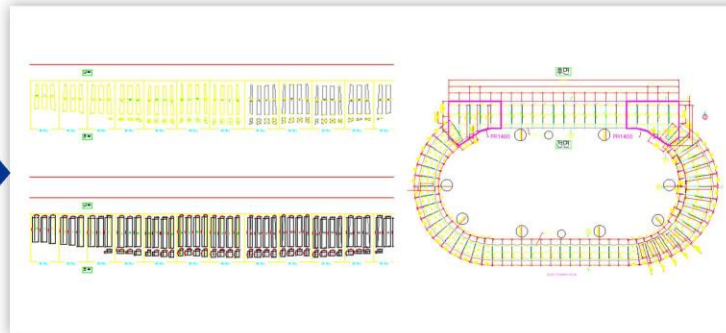


Detail Drawing

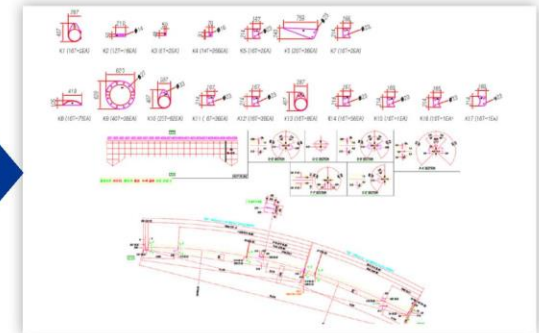
2. Schematic Design



Structure Calculation



Pattern Analysis



Shop Drawing

11

Design & Construction Process

3. General Manufacture



Steel Manufacture



Membrane Manufacture



Steel Frame Painting

4. Construction



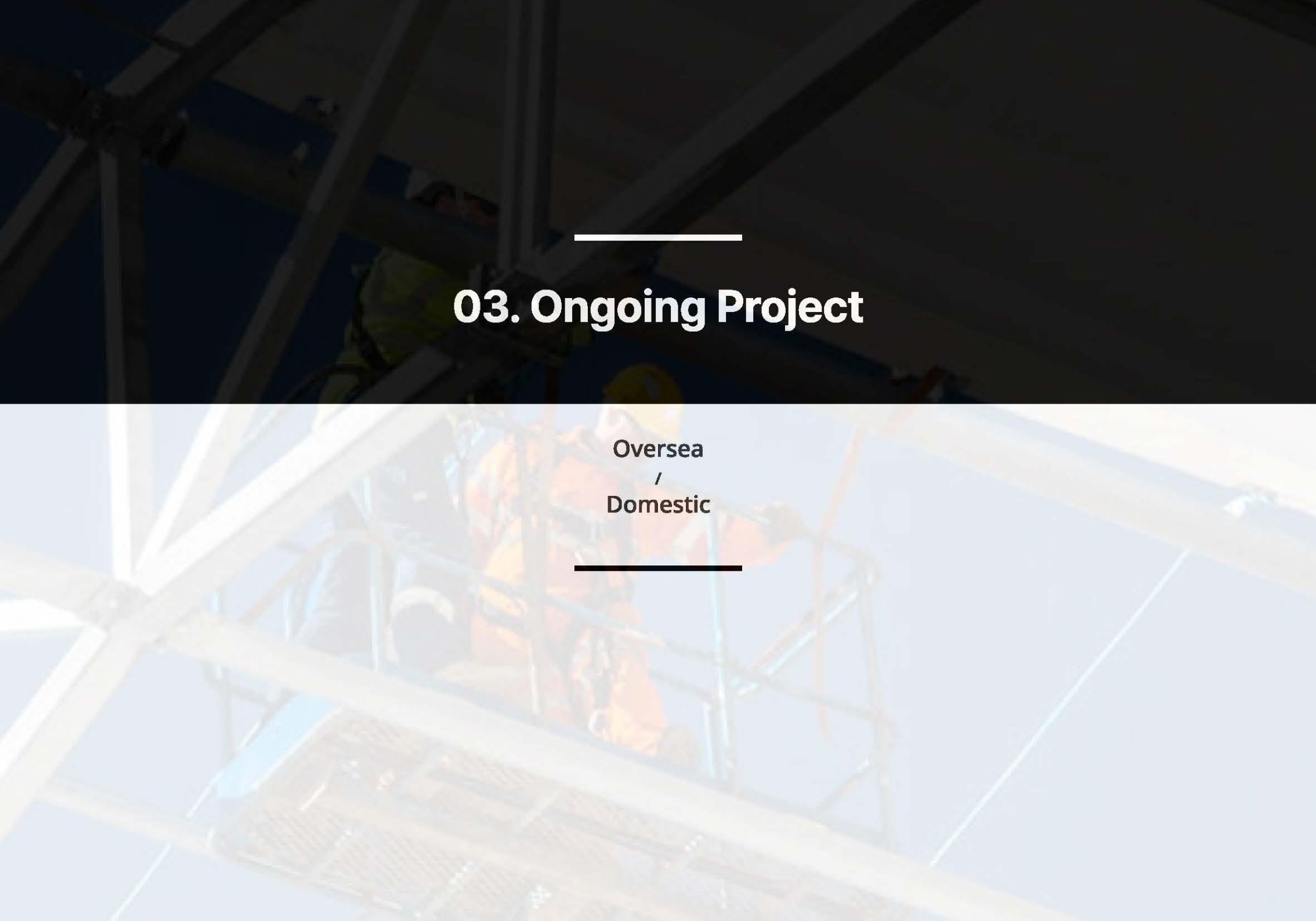
Steel Installation



Membrane Installation



Completion

The background image shows a construction worker in an orange safety suit and yellow helmet working on a large steel structure. The worker is positioned on a horizontal beam, and the image is split into a dark upper half and a light lower half.

03. Ongoing Project

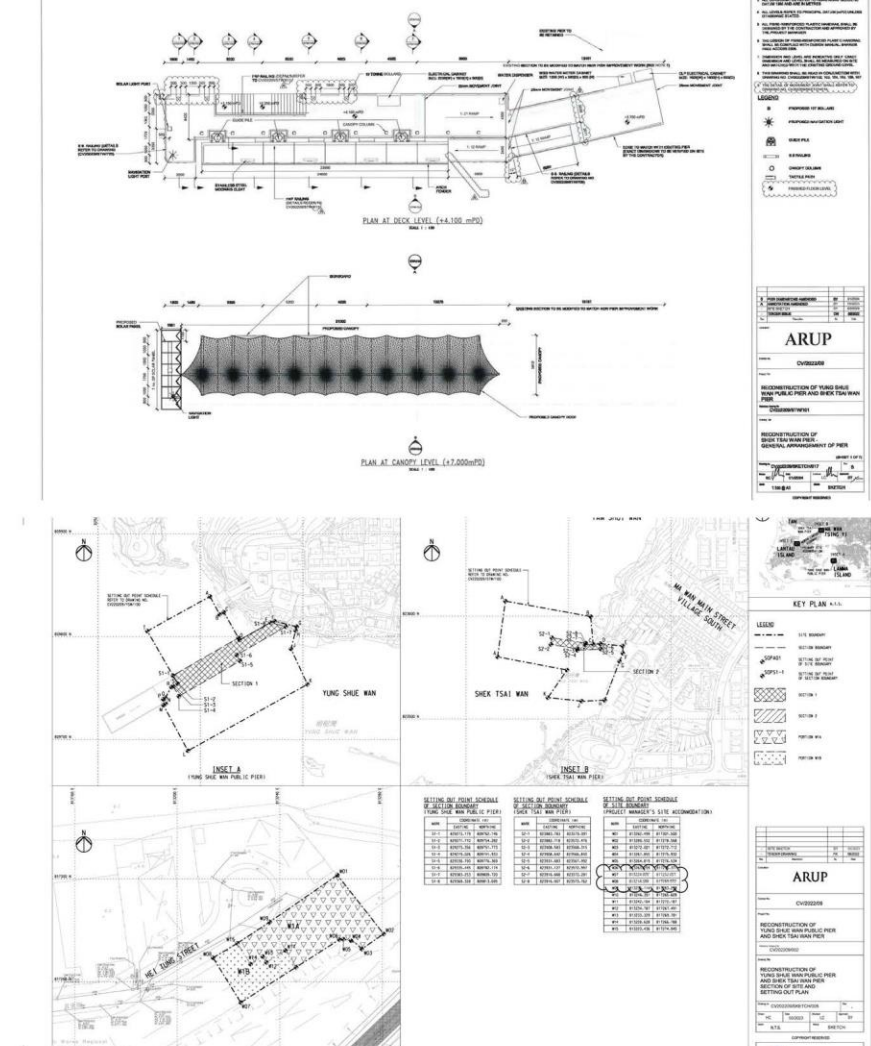
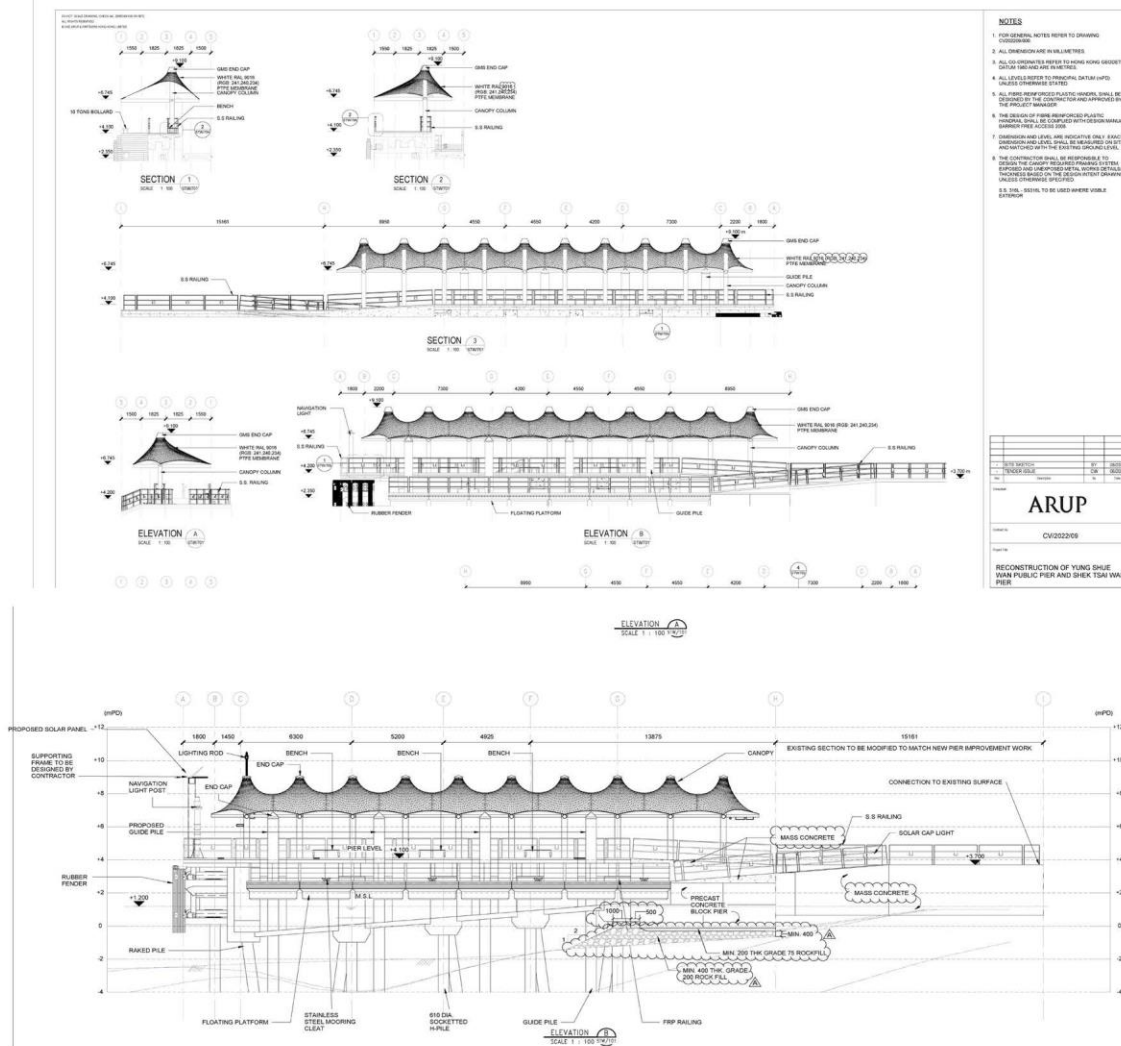
Oversea
/
Domestic

01 Oversea

Mandalay Bus Terminal



RECONSTRUCTION OF YUNG SHUE WAN PUBLIC PIER AND SHEK TSAI WAN PIER



03

Bugui Elementary School

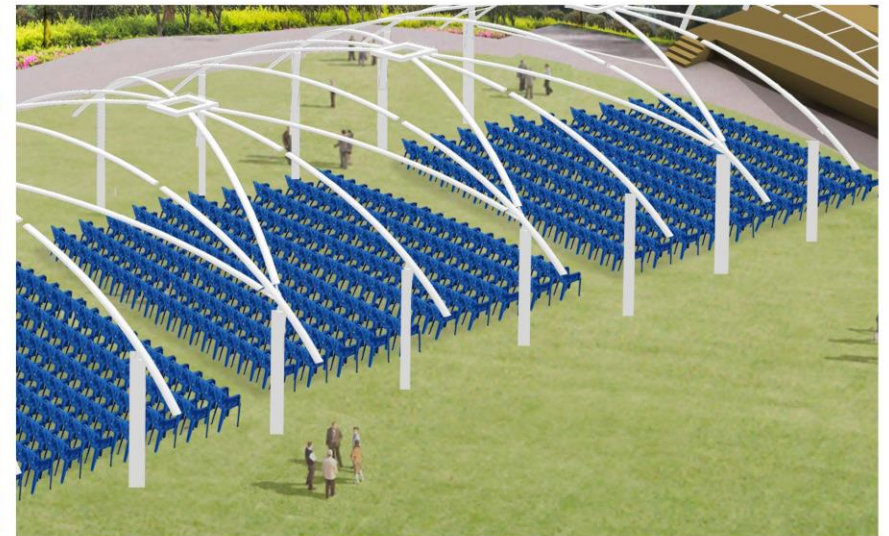
Domestic



04

Domestic

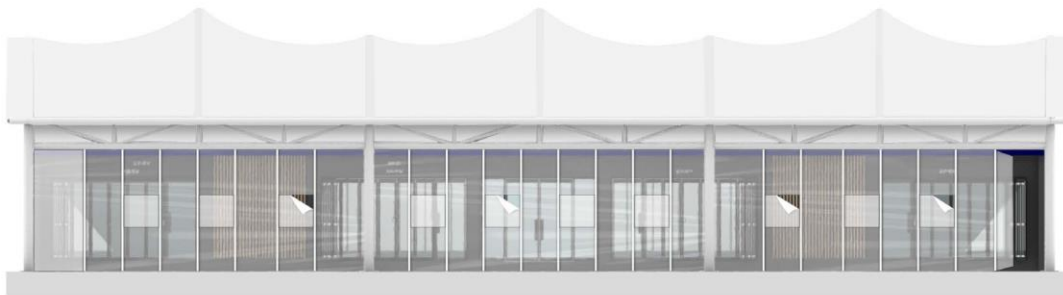
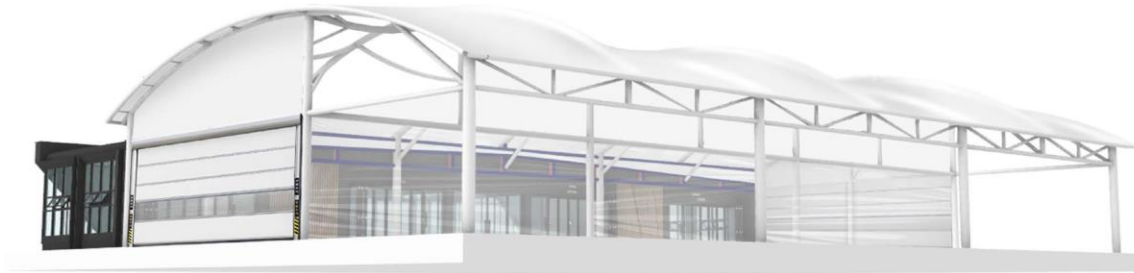
Buan grass square venue



05

Domestic

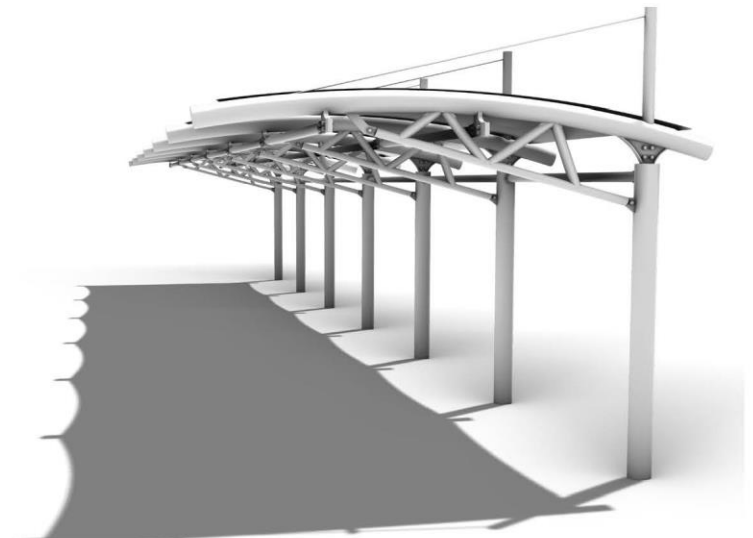
National Training Center Archery Field



06

Domestic

Seojeong-ri Station Square Shade



04. Reference

Sports & Stadium

/

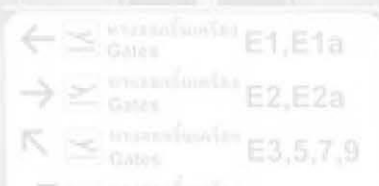
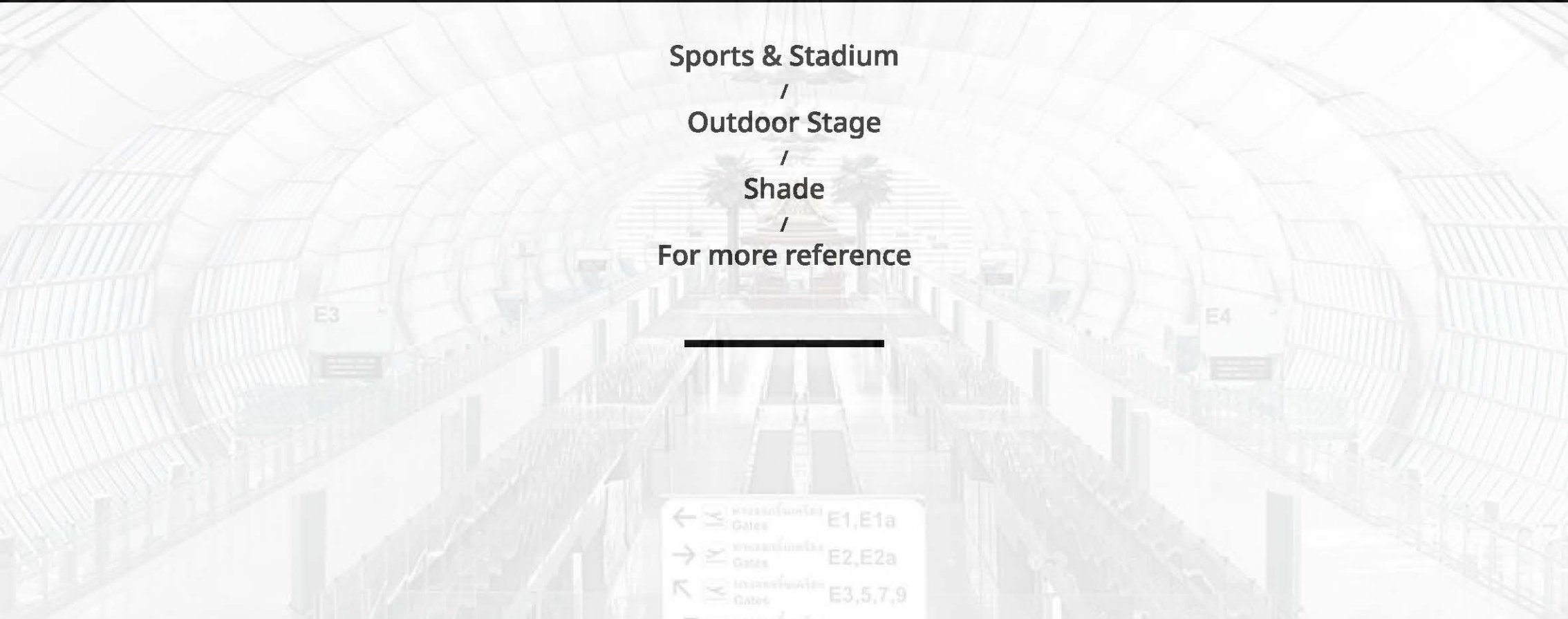
Outdoor Stage

/

Shade

/

For more reference



01

Sports & Stadium

National Training Center Track and Field

PVDF, PVF / 7,800 m² / Track 180 x 100 x 7 m, Stand 35 x 9 x 10 m



02

Sports & Stadium

Jeongeup Gateball Court

PVF / Gateball 1,600 m² / 45 x 26.6 x 12 m



03

Sports & Stadium

Samjuk Tennis Court & Foot Volleyball Court

PVF / Tennis 2,164 m², Foot Volleyball 1,026 m² / Tennis 42 x 42 x 15 m, Foot Volleyball 34 x 20 x 12 m



04

Sports & Stadium

Maepo Futsal Field & Basketball Court

PVF / Futsal 1,136 m², Basketball 739 m² / Futsal 46.4 x 24.8 x 14.925 m, Basketball 33.8 x 19.4 x 13.9 m



05

Sports & Stadium

Sosabeol Sports Town, Basketball Court

PVF / Basketball 1,540 m² / 42 x 35 x 8 m



06

Sports & Stadium

Asan Dunpo Sports Park

PVF / Football 195 m² / 22 x 4 x 4 m

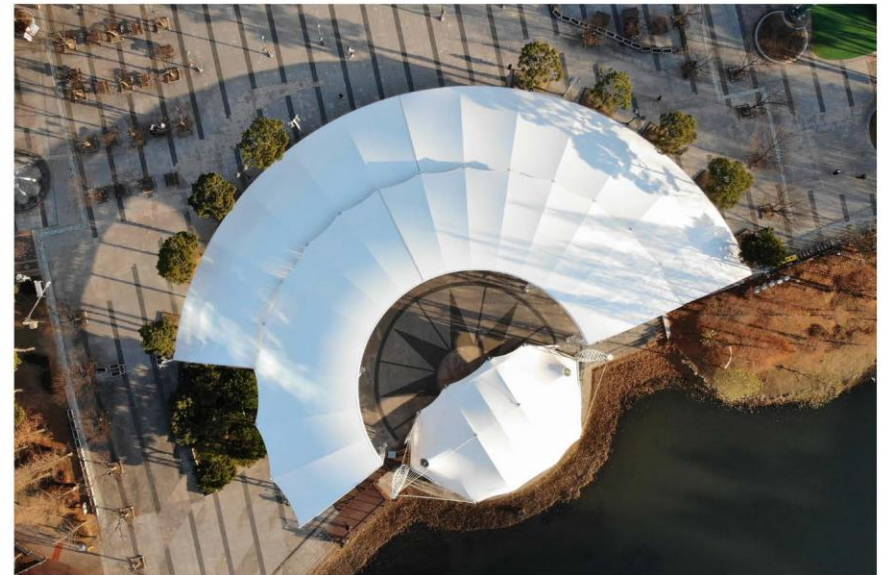


07

Outdoor Stage

Dongbaek-Lake Park

PVF / 1,563 m² / 63.2 x 43 x 10.8 m



08

Outdoor Stage

Korea Soriter Concert Hall

PVF / 2,206 m² / 52.9 x 40.5 x 17.5 m

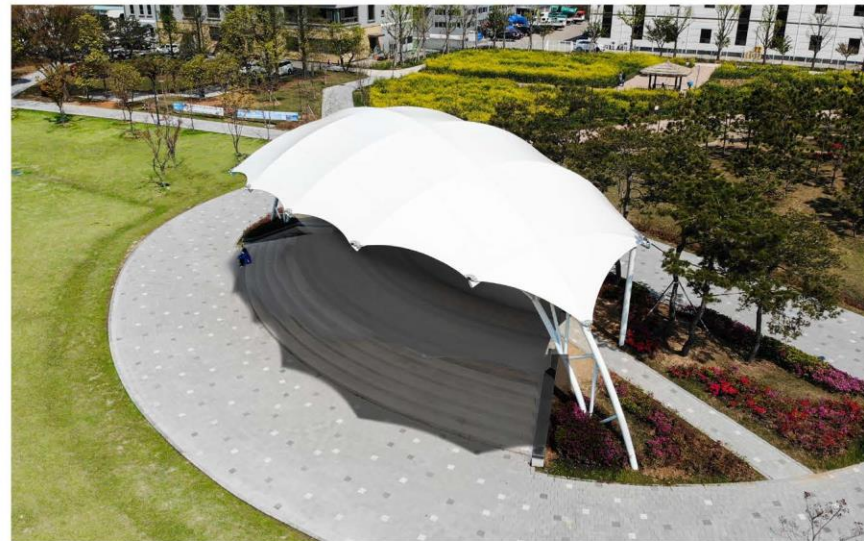


09

Outdoor Stage

Pyeongtaek Agricultural Technology Center

PVF / 2,206 m² / 52.9 x 40.5 x 17.5 m



10

Outdoor Stage

Gasan Outdoor Stage
PVF / 180 m² / 19 x 8 x 6.8 m m



11

Shade

Macau NAPE Sports Park

PVF / 560 m²



12 Shade

National Training Center, Bus Stop

PTFE / 163 m² / 15 x 9 x 6.4 m



13

Shade

Naeri Cultural Park

PVF / 80 m² / 5 x 5 x 4 m, 16 x 4 x 4 m



14

Shade

Sinheung Elementary School

PTFE / 331 m² / 12.3 x 8.8 x 6.5 m



15 Shade

Shinjeong Swimming Pool PVF / 145 m²





HIEO Inc. Website



HIEO Inc. Youtube



HIEO Inc. Instagram

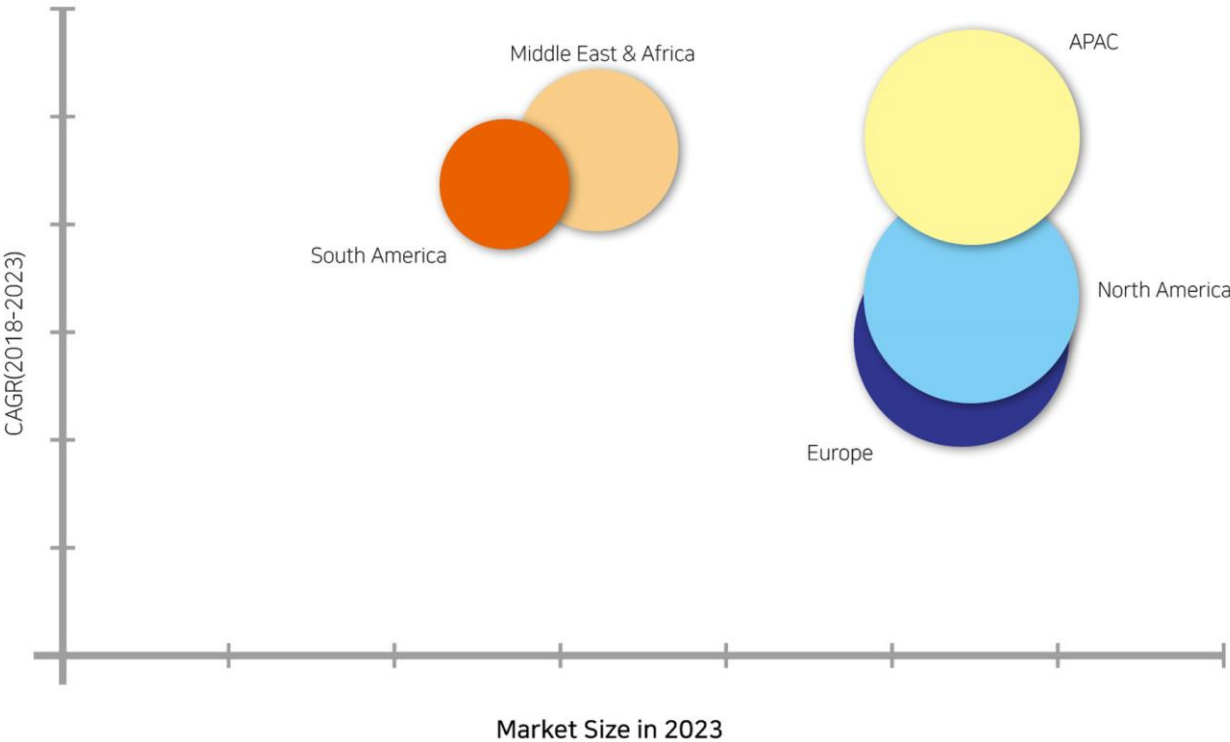
A black and white photograph of a business meeting. In the foreground, a person in a suit is seated at a table, looking down at a document. In the background, another person is standing and holding a small object, possibly a pen or a small trophy. The scene is dimly lit, with a focus on the people and their interaction.

05. Business Proposal

Market Opportunity

01 Market Opportunity

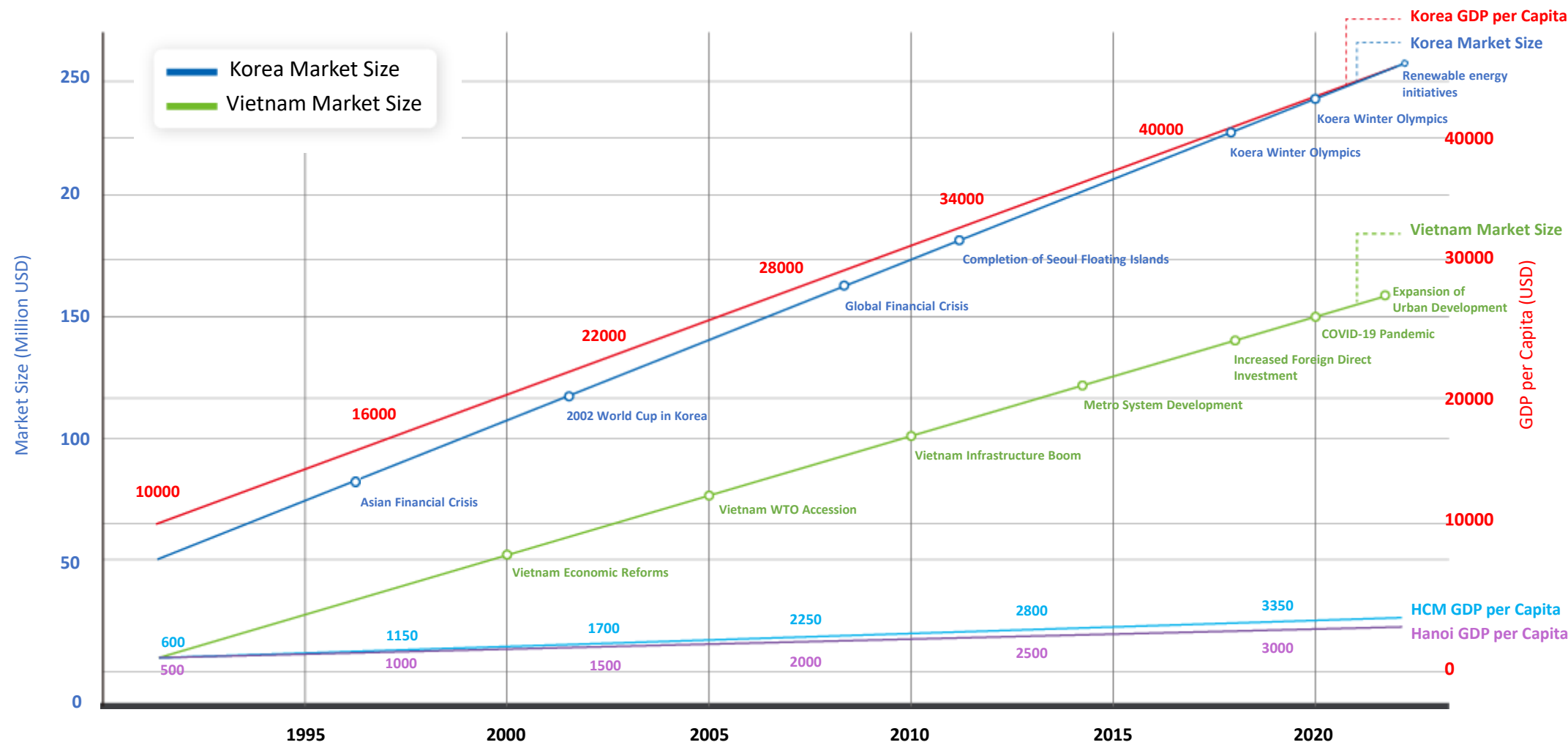
Construction Fabrics Market, by Region, 2023 (USD billion)

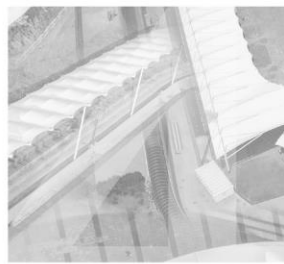


Source: MarketsAndMarkets Analysis 2018

01 Market Opportunity

Membrane Structure Market Size and GDP per Capita Comparison
between South Korea and Vietnam (1993-2023) with Significant Events and GDP per Capita





THANK YOU

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