

Company Profile

Korea Fire Protection UBIS Co., Ltd.



Leading Company of Fire Protection Engineering -
 **KF UBIS Co., Ltd.**
Seoul Forest IT Valley 9F, 77, Seongsuil-ro
Seongdong-gu, Seoul 133-822 Korea
Tel: 82-2-2023-5000, www.kfubis.com

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1 . Introduction

Company Outline

1) Summary

Name	Korea Fire Protection Ubis Co., Ltd.
Main office	Address : 9th floor of Seoul Forest IT Valley, 77, Seongsuil-ro, Seongdong-gu, Seoul, Republic of Korea Contact number : (02) 2023-5000 FAX : (02) 579-9046, (02) 579-9038 (Supervision department) (Dalian, China) Address : 辽宁省大连市高新园区火炬路3号 纳米大厦202室 大连韩防建筑设备设计有限公司 Liaoningsheng Dalienshi Gaoxinyuanqu Huojiru3hao Namidasha 202shi Dalianhanfang
Branch Office	Contact number : 02-6953-0372 (Hanoi, Veitnam) Address : Phong 502 Tang 5 Toa nha D'Office, To 28 Phuong Dich Vong, Quan Cau Giay, Thanh Pho HaNoi Vietnam Contact number : 070-4680-5806
Date of establishment	Oct 10, 1947
Capital Stock	500,000,000 Won
No. of employees	Main office : 125 / Field : 211 / Branch office : 73 ※ Total : 409 (2024. Mar)
Homepage	www.kfubis.com / www.kfubis.co.kr

2) Business category

- The 1st class fire protection system design and construction supervision services
- Data communication supervision / Power plant supervision services
- Architectural disaster-prevention plan etc.
- Performance-Based Design (PBD)
- Fire egress simulation/ Emergency planning

Company Outline

3) History

Establishment ~ 1979

- 1947. 10. Established Korea Fire Apparatus Industrial Co.,Ltd which was the first manufacturer of fire protection equipment
- 1957. 05. Manufactured automatic fire alarm system for first time in Korea, delivered and installed in USFK
- 1965. 05. Technology agreement with Nippon DryChemical
- 1965. 10. Published Comprehensive survey of Korea Fire Protection
- 1970. 05. Installed sprinkler system in Korean government complex for first time in Korea
- 1972. 03. Korea Fire Constuction Co. construction work

1980 ~ 1999

- 1985. 05. Registered as a private engineering services firm to the Ministry of Science and Technology (Registration No. 4-57)
- 1992. 07. Changed the company name to Korea Fire Protection Engineering Co., Ltd
- 1993. 07. Engineering activity declaration
- 1993. 07. Performed Incheon international airport 1st stage fire protection planning
- 1995. 02. Registered the 1st class fire protection systems design and construction supervision services
- 1998. 05. Technology agreement with RJA (Rolf Jensen & Associates, INC.), USA
- 1998. 07. Acquired ISO9001 certification
- 1999. 07. Established the company' s research institute
- 1999. 10. Technology agreement with Disaster Prevention service center Co. Ltd., Japan

2000 ~ 2005

- 2002. 03. Developed KF disaster prevention of computation management system
- 2003. 03. Obtained a certification of ISO 9001, 14001 from CCAS (Chamber Certification Assessment Services)
- 2004. 06. Established Engineer Building Facilities Design Co.,Ltd in Dalian China
- 2004. 09. Supervised Incheon international airport 2nd stage fire protection construction
- 2004. 10. Selected as the the superior firm about Korea management innovation 2004
- 2004. 10. Supervised Incheon international airport 1st stage fire protection construction
- 2005. 12. Certificate of Excellent Service Quality (Ministry of Commerce, Industry & Energy Republic of Korea)

Company Outline

3) History

2006 ~ 2010

- 2006. 11. The Korea Safety Award by Administrator of National Emergency Management Agent (NEMA)
- 2007. 06. Performed Hyundai Steel Dangjin factory 1st fire protection design
- 2007. 08. Implementation the national policy enterprise "PBD standard procedure and design standard research and development" in company with University of Seoul
- 2007. 04. Established branch office in Dalian, China
- 2007. 11. Added the information and communication Supervision to Engineering activity agency (Registered number : 14-000001)
- 2008. 01. Changed the company name to Korea Fire Protection Ubis Co., Ltd.
- 2008. 07. Business exchange agreement with KICA
- 2009. 04. 60th anniversary celebration
- 2009. 11. Awarded fire protection design for the upper part of 2nd Lotte World
- 2009. 12. Awarded fire protection supervision management service for the lower part of 2nd Lotte World
- 2010. 07. MOU conclusion with the Korean Society of Disaster Information
- 2010. 09. Awarded fire protection supervision management service for the high-rise part of 2nd Lotte World

2011 ~ 2016

- 2011. 07. Divided company into Korea Fire Protection UBIS Co.,Ltd. And Hanbang Co.,Ltd.
- 2012. 06. Beginning of business for Disaster Influence Preview
- 2013. 04. Moving of corporation (Seoul Forest IT Valley 9F)
- 2015. 07. Performed national project "Development of Fire Safety Design Criteria and Fire Safety Improvement Technology Focused on Performance of Buildings"
- 2015. 07. Selected as company to participate in Work-Study parallel system (Ministry of Employment and Labor of Korea)
- 2015. 10. Performed national project "Development of quantitative fire impact assessment technology considering wide area fire in nuclear power plant"
- 2015. 12. Won the contract of fire protection design of GBC project
- 2016. 01. Obtained certification of INNO-BIZ (Small and Medium Business Administration)
- 2016. 01. Obtained certification of venture company (Technical Assurance Fund)
- 2016. 05. Selected as military service exception company (Professional researcher) (Military Manpower Administration)

Company Outline

3) History

2017 ~ 2020

- 2017. 04. Awarded by the Minister of Public Safety and Security
- 2018. 02. Incheon International Airport Terminal 2 Expansion Project (Phase 4) Design Order
- 2018. 10. Establishment of Hanoi Branch in Vietnam
- 2019. 11. Prime Minister's Commendation Award
- 2019. 11. Minister of Public Administration and Security Commendation Award
- 2019. 12. Minister of Public Administration and Security Commendation Award
- 2020. 01. Securing Gas Fire Extinguishing System Dryness (G.I.S) Certification of Performance Qualification
- 2020. 07. Designated as an Outstanding Corporate Research Institute (ATC+)
- 2020. 09. Minister of Public Administration and Security's Commendation
- 2020. 09. Report to an industrial design company
- 2020. 10. Selection of prestigious long-term companies organized by the Ministry of SMEs and Startups
- 2020. 12. Certified as a Family Friendly Certified Company by the Minister of Gender Equality and Family

2021 ~ Present

- 2021. 01. 2021 INNOVATION LEADER AWARDS won the Grand Prize for Innovation Leaders in 2021.
- 2021. 12. Minister of SMEs and Startups' Commendation Award (No. 9091)
- 2022. 06. Software Business Operator General Status Management Confirmation
- 2022. 07. Acquired ISO 45001 certification (certification number: JOK-1141)
- 2022. 11. Korea Design Promotion Agency's Excellent Design (GD) Product Selection (G2022A01-00205)
- 2022. 11. Winning the 9th Happy Mid-term Management Individual Grand Prize (Personnel No. 2022-1015)

Company Outline

3) History

2022년 ~ 현재

- 2022. 11. Acquired artificial intelligence technology certification (certification number: CT8222-I0098)
- 2023. 04. Registered as a Specialized Research Company (No. 20233886)
- 2023. 04. Commendation of the Minister of Home Affairs and Safety (No. 23-287)
- 2023. 04. Software Quality Certification (KTL-GS-23-0028)
- 2023. 11. Presidential Commendation (No. 240504)
- 2023. 12. Recertified as a Family-Friendly Certified Company by the Ministry of Gender Equality and Family (No. 2020-0771)
- 2023. 12. < Establishment of a fire protection big data center > national R&D and R&D services, and 10 others

Company Outline

4) Foreign Technology Agreement

- 1998. 05. Technology agreement with RJA (Rolf Jensen & Associates, INC.), USA
- 1999. 10. Technology agreement with Disaster Prevention service center Co. Ltd., Japan



5) Introduction of department' s task

Design Business Division

- Fire facility design (domestic and international buildings, special buildings, plants, airports, railways, tunnels, hazardous facilities)
- Fire protection consulting
- Overseas fire code consulting and design
(NFPA/FM/GEGAP/BS/France/Vietnam/China/Russia/Saudi Arabia/Qatar/Kuwait)
- B.I.M(Building Information Modeling)
- Design of high-rise buildings

Supervision Department

- Fire construction construction management (CM) and supervision
- Electrical construction management (CM) and supervision
- Engineering (information communication) supervision
- Mechanical facility supervision
- Fire facility commissioning

Company Outline

5) Introduction of department' s task

Laboratory

- Disaster prevention planning and consulting (Complex building which high rise building and underground section is linked)
- Performance based design (PBD)
- Review of prior disaster impact
- Comprehensive disaster response planning (Crisis management manual, QRA)
- Disaster prevention and damage reduction plan
- Review of laws and regulations related to construction and disaster prevention, research and case studies
- Computer modeling : fire and egress simulation
- Door Fan Test and T.A.B
- Hot Smoke Test
- TAB (Testing, Adjusting, Balancing)

Future Initiative R&D Center

- Execution of government and public agency national research projects
- Disaster and fire-related research projects
- Establishment of fire big data
- Research and development projects on AI and fire scene robots
- Other research and services

Disaster Prevention Business Department

- seismic design of fire-fighting facilities (domestic and international buildings, a set of plants, production facilities, and machinery, hazardous materials facility)
- KFI, a fire-fighting and earthquake-resistant product / UL/ FM Delivery of certified materials (Korea CADDY General Sales)
- ANTI-SHAKE SUPPORT, non-welding fitting, DIGESTION WATER TANK, FIREPROOF FILLER, IR4Delivery of materials such as flame detectors

Management Planning Headquarters"

- Finance and Accounting Team: Financial Management / Tax Management / Financial Accounting
- Human Resources and General Affairs Team: Event Planning / Various Insurance-related Tasks / Personnel Management / Manpower Utilization Planning
- Design Strategy Team: Industrial Design, Product Design
- Others: Various Certification Tasks, Information Security Tasks, Public Relations and Planning Tasks, etc.

Company Outline

5) Introduction of department' s task

Administrative Department

- Finance&accounting team : Finance & Tax management/finance & accounting
- HR&general affairs team : Event planning/various insurance related matter(declarations)/HR-related matters/HR management plan

Quality Assurance Team

- internal & external quality improvement, Certification and training, marketing/Customer satisfaction management/Website management

◇ Company location



(2nd line Ttukseom station 4th exit → Left turn at first intersection → Left side after going straight for 30m)

◇ Front view of the main office (Seoul Forest IT Valley)

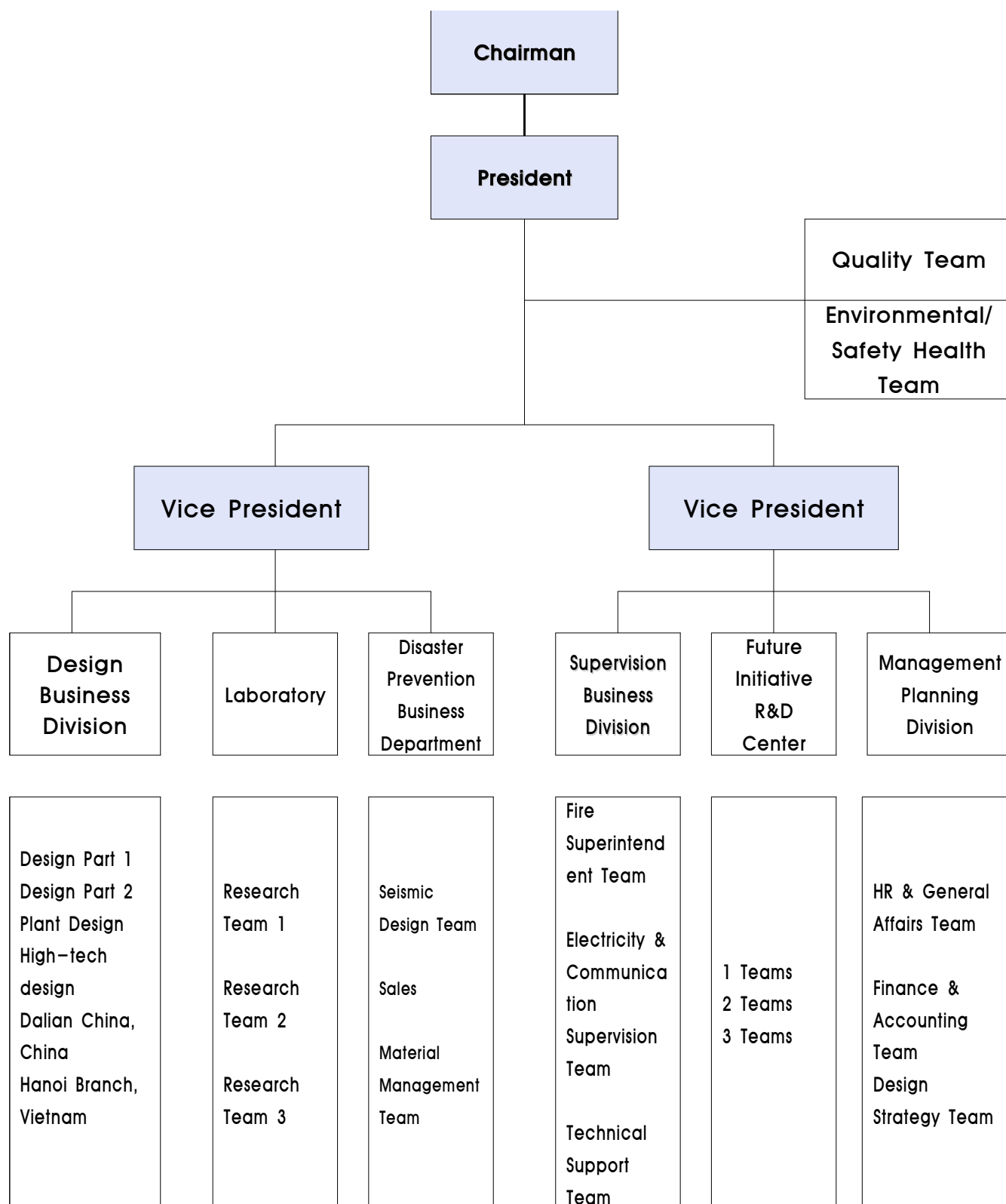


2 . Company organization

Organization Chart

► Organization Chart

Main Phone: 02)2023–5000



Technical Staff Status

►Certificate status

Classification	Type of Licenses	Number of Persons
Fire Protection System	Professional Engineer Fire Protection	14
	Fire Facilities Manager	2
	Engineer Fire Protection System (Mechanical)	152
	Engineer Fire Protection System (Electrical)	165
	Industrial Engineer Fire Protection System (Mechanical/Electrical)	48
	Industrial Engineer Hazardous material	48
	Experience Certified Engineer	33
Electricity and communication	Certificate related to Electricity and communication	93
E T C	Professional Engineer Building Mechanical Facilities	2
	Construction/Mechanical/Safety/Chemical engineering related certificate	86
Total (Single person may hold multiple certificates)		643

►Technology grade status

Classification	Type of Licenses	Number of Persons			
		Design		supervision	
		Machin e	Electri city	Machin e	Electri city
Fire Protection System	Professional engineer	24	23	60	62
	High qualified engineer	8	11	15	14
	Qualified engineer	53	52	6	8
	Elementary level qualified engineer	41	37	17	14
Electrical and Telecommunications	Professional engineer	•	•	41	
	High qualified engineer	•	•	8	
	Qualified engineer	•	•	1	
	Elementary level qualified engineer	•	•	8	
Mechanical and Quality	Professional engineer	•	•	5	
	High qualified engineer	•	•	7	
	Qualified engineer	•	•	1	
TOTAL		126	123	173	
Total (Single person may hold multiple certificates)		426			

Record of key personnel

Choi, Jin Chairman

Education and Career

1967. 02.	Graduated Department of Civil Engineering, Hanyang University
1967. 03. ~ 1969. 06.	ROTC 5th (Army engineer)
1970. 11.	Attended in the training courses for fixed foam system, sprinkler system and dry chemical system offered by Nippon DryChemical Co., Ltd
1971.	Graduated Japan National Fire Service University (Department of Prevention 12th)
1973. 03.	Appointed as instructor at Fire service academy affiliated with National police academy (Automatic fire fighting system)
1977. 01.	Appointed as instructor at National Fire Service Academy
1979. 05	Appointed as civil defense branch advisory committee of Seoul
1986. 02.	Appointed as design examination member of Seoul
1986. 06.	Appointed as consultant of Korea LH corporation disaster prevention field
1987. 06.	Charter member of KIFSE (General affairs director)
1987. 07.	Ministry of culture & Tourism important cultural assets disaster prevention measures investigation senior research engineer
1988. 11.	Appointed as KEPCO disaster prevention measures investigation senior research engineer
1992. 01.	Appointed as construction design review member of Seoul
1992. 07. ~ 2004. 02.	Korea Fire Protection Engineering Co. Ltd president
1993. 04. ~ 1997. 03.	KSFPE chairman
1993. 12.	Gyeonggi-do construction design review committee (fire fighting branch) member
1995. 06.	Appointed as Korea housing corporation disaster prevention branch advisory member
1995. 06.	Appointed as subway construction technical advice member (fire fighting branch) of Seoul
1997. 04.	Appointed as ministry of national defense special construction design review committee fire fighting branch
2002. 02. ~ 2005. 02.	Hanyang university engineering graduate school architectural engineering master
2002. 03. ~ 2005. 03.	Korea society of city hazard mitigation vice chairman
2004. 03. ~ Present	Korea Fire Protection Ubis Co., Ltd chairman
2005. 05. ~ 2007. 04.	KIFSE chairman
2008. 08.	Graduated Myongji university graduate school industrial engineering (Doctor)
2008. 09.	Myongji university industrial graduate school adjunct professor
2011. 07. ~ Present	Han Bang Co., Ltd chairman
2012. 02. ~ 2014.12.	Head of EKFFA

Awards

1995. 11.	Award from mayor of Seoul (No. 840)
1997. 11.	Award from minister of the Interior (No. 8198)
2004. 03.	Award from minister of Construction and Transportation (No. 15771)
2006. 11.	National medal (No. 14906)
2012. 11.	National Magnolia Medal (No. 26509)

Record of key personnel

Hwang, Hyun Soo President

Education	
1987. 02.	Graduated from the Department of Electrical Engineering at Myongji University.
2004. 08.	Graduated from the Graduate School of Disaster Prevention Engineering at Seoul City University (Master's degree)
Career	
1987. 02. ~ 1997. 09.	Worked as a Manager at the Risk Management Information Center of the Korea Fire Insurance Association
1997. 09. ~ 1997. 03.	Completed the Fire Design for Special Risk course from LPC in the UK
1997. 09. ~ 1998. 10.	Worked as the Head of Disaster Prevention Business Team at Esone Corporation
1998. 10. ~ 2000. 10.	Worked as a Director at Hyundai Fire Engineering Co., Ltd.
1999. 06. ~ Present	Instructor for Disaster Prevention Education at the Disaster Test and Research Institute
2002. 02. ~ 2012. 01.	Specialist Member of the Standards and Regulations Committee at the Korea Fire Insurance Association
2004. 05. ~ Present	Advisory Council Member of the Korea Fire Protection Society
2009. 03. ~ 2009. 12.	Lecturer at the Urban Disaster Prevention Engineering Department of the Graduate School of Construction Industry at Kyonggi University
2011. 07. ~ 2015. 07.	Performance-Based Design Reviewer at the Incheon Fire Department
2012. 07. ~ Present	CEO and President of Hanbang Ubis Co., Ltd.
2014. 05. ~ 2016. 05.	Performance-Based Design Reviewer at the Seoul Fire Department
2015. 01. ~ Present	Vice Chairman of the Korea Society of Tall Buildings and Urban Habitat
2017. 05. ~ 2021. 05.	Reviewer for Pre-Disaster Impact Assessment in Gyeonggi Province
2018. 03. ~ 2023. 02	Vice Chairman of the Korea Fire Facility Association
2018. 08. ~ Present	Specialist Member for Fire Safety at Incheon International Airport
2019. 03. ~ Present	Chairman of the TAB Committee at the Korea Fire Technology Society
2019. 04. ~ Present	Vice Chairman of the Korea Fire Protection Society
2019. 12. ~ Present	Reviewer for Fire Industry Development Policies at the Fire Department
2020. 06. ~ Present	Central Fire Technology Reviewer at the Fire Department
2021. 01. ~ Present	Policy Reviewer for National Technical Qualifications at the Ministry of Employment and Labor
2022. 04. ~ Present	Building Safety Impact Assessment Reviewer at the Korea Institute of Construction Technology
2022. 06. ~ Present	Advisory Panel Member for Safety Management in Seoul
2024. 02. ~ Present	Committee Member of the Policy Advisory Committee at the Fire Department
Awards	
2010. 11.	Minister of the Interior and Safety Commendation (No. 5201)
2013. 04.	Seoul Metropolitan Mayor's Commendation (No. 914)
2017. 04.	Commendation from the Minister of the National Safety (No. 13)
2019. 11.	Prime Minister's Commendation (No. 205496)
Certificate status	
1996. 08.	Fire Protection Engineer (Registration Number 96147010229H)
2004. 12.	Fire Facility Manager (Registration Number No. 2004-8)
2010. 12.	Certified Fire Investigator in the United States (Number 15338-8655)
2020. 05	International Professional Engineer (Number IntPE(ROK)-2013-0144)

Record of key personnel

Choi, Doo Chan Head of administrative department / Managing Director

Education	
1999. 02.	Graduated from the Department of Industrial Engineering, Gachon University (formerly Kyungwon University)
2005. 05.	Graduated from the Department of Fire Protection Engineering, Graduate School, Worcester Polytechnic Institute (Master's Degree)
2015. 03. ~ 2020. 02.	Graduated from the Department of Disaster Science, Graduate School, Seoul National University (Doctorate)
Career	
2001. 07. ~ 2005. 05.	Worked at the Design Division of Hanbang Ubis Co., Ltd.
2005. 05. ~ 2012. 05.	Worked at Rolf Jensen & Associates, Inc. (RJA)
2012. 05. ~ 2014. 12.	Director of the Disaster Research Institute at Hanbang Ubis Co., Ltd.
2013. 06. ~ 2015. 06.	Member of the Central Fire Protection Technology Deliberation Committee
2014. 03. ~ 2017. 02.	Adjunct Professor in the Department of Fire Protection Engineering at Gachon University Member of the National Fire Protection Association (NFPA) Member of the Society of Fire Protection Engineers (SFPE)
2015. 01. ~ 2017. 04.	Executive Director of Management Support Division / Executive Director at Hanbang Ubis Co., Ltd.
2016. 01. ~ 2016. 12.	Advisory Council Member for Fire Insurance Association Risk Management Guide Publication
2016. 04. ~ 2018. 08.	Fire Protection Technology Deliberation Committee Member for Seoul Metropolitan Government
2017. 01. ~ Present	Advisory Committee Member for Forensic Investigation at the National Police Agency
2017. 04. ~ 2019. 05.	Performance-Based Design Review Committee Member for Busan Metropolitan City
2017. 04. ~ 2020. 12.	CEO, Executive Director of Management Support Division / Managing Director at Hanbang Ubis Co., Ltd.
2019. 03. ~ Present	Adjunct Professor at the Graduate School of Engineering, Kyonggi University
2021. 01. ~ 2021. 12.	CEO, Director of Management Planning Division at Hanbang Ubis Co., Ltd.
2022. 01. ~ Present	CEO of Hanbang Ubis Co., Ltd.
Awards	
2012. 06.	Commendation from the Commissioner of the Fire Safety and Disaster Headquarters (No. 986)
2014. 04.	Commendation from the Commissioner of the Fire Safety and Disaster Headquarters (No. 250)
2019. 11.	Commendation from the Minister of the Interior and Safety (No. 2019-5471)
2021. 12.	Commendation from the Minister of SMEs and Startups (No. 9091)
2022. 11.	Awarded the Prime Minister's Commendation at the 9th Happy SME Management Awards (Personnel Order No. 2022-1015)
2023. 04.	Commendation from the Minister of the Interior and Safety (No. 23-287)
Certificate status	
2004. 06.	Fire Protection Facility Technician (Electrical Field)

Record of key personnel

Kim, Sang Il Vice President

Education	
1996. 02. 24	Graduated from the Department of Mechanical Design Engineering at Chosun University
2012. 08.	Graduated from the Graduate School of Disaster Prevention Engineering at Seoul City University (Master's Degree)
Career	
1996. 02. ~ 2000. 05.	Worked at JoHyung Comprehensive Architectural Office
2000. 06. ~ 2004. 02.	Worked at Daeshin Engineering Architectural Office
2004. 03. 06	Joined Hanbang Ubis Co., Ltd.
2011. 03. ~ 2015. 02.	Chairman of the Technical Sector Committee for Performance Design at the Fire Protection Technology Society
2011. 03. ~ 2013. 02.	Business Director at the Fire Protection Technology Society
2011. 07. ~ Present	Advisor at the Korea Fire Protection Association
2011. 09. ~ 2013. 08.	Review Committee Member for Performance-Based Design in Seoul Metropolitan Government
2013. 08. 01	Head of Design Business Division at Hanbang Ubis Co., Ltd.
2015. 05. ~ 2017. 04.	Financial Director at the Korea Fire Protection Association
2015. 08. ~ 2019. 08.	Review Committee Member for Performance-Based Design in Incheon Metropolitan City
2016. 04. ~ 2020. 12.	Head of Design Business Division / Managing Director at Hanbang Ubis Co., Ltd.
2018. 04. ~ Present	Committee Member of the Central Architecture Committee at the Ministry of Land, Infrastructure and Transport
2019. 02. ~ 2021. 01.	Chairman of the Water Supply Sector Committee at the Fire Protection Technology Society
2020. 06. ~ Present	Deliberation Committee Member for Central Fire Protection Technology at the National Fire Agency
2020. 01. ~ Present	Review Committee Member for Performance-Based Design in Chungcheongnam-do
2021. 01. ~ 2023. 12.	Head of Design Business Division / Vice President at Hanbang Ubis Co., Ltd.
2021. 03. ~ Present	Hazardous Materials Safety Evaluation Committee Member
2021. 11. ~ Present	Review Committee Member for Performance-Based Design in Gwangju Metropolitan City
2023. 08. ~ Present	Performance-Based Design Evaluation Committee Member in Incheon Metropolitan City
2023. 11. ~ Present	Specialist Member of the 1st Fire Safety Technical Standards Committee (Chairman of the Fire Fighting Facilities Sector)
2023. 12. ~ Present	Performance-Based Design Evaluation Committee Member at the National Fire Agency
2024. 01. ~ Present	Vice President at Hanbang Ubis Co., Ltd.
Awards	
2007. 11. 15	Incheon International Airport Corporation President's Commendation (No. 2007-160)
2012. 06. 29	Commendation from the Commissioner of the Fire Safety and Disaster Headquarters (No. 987)
2016. 11. 17	Commendation from the Minister of Public Safety and Security (No. 16-3581)
2020. 09. 25	Commendation from the Minister of the Interior and Safety (No. 20-1430)
2023. 11. 09	Presidential Commendation (No. 240504)
Certificate status	
1995. 10. 30 / 1995. 12. 26	Fire Protection Facility Technician (Mechanical 95205060427Y / Electrical 95207060394U)
2000. 05. 29	Electrical Construction Worker (Registration Number 00202060880X)
2013. 08. 09	International Professional Engineer (Registration Number IntPE(ROK)-2013-0022)
2015. 09. 12	Fire Protection Engineer (Registration Number 05176010068G)

Record of key personnel

Lim, Jeong Sam Managing Director / Head of Design Business Division

Education

2018. 03. ~ 2020. 08.	Graduated from the Graduate School of Disaster Prevention Engineering, University of Seoul (M.S.)
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Career

1993. 11. ~ 2013. 09.	Working at Gangsan Construction
2020. 01. ~ 2023. 12.	Managing Director, Design Business Division, Hanbang Ubis
2022. 01. ~ 2023. 12.	Chairman of the Technical Committee of the Society of Fire Engineers
2021. 07. ~ Present	Gyeonggi-do Dangerous Goods Accident Investigation Committee
2022. 06. ~ Present	Daejeon Metropolitan City Performance-oriented Design Deliberation Committee Member
2022. 07. ~ Present	Gyeongsangbuk-do Performance-oriented Design Deliberation Committee Member
2022. 01. ~ Present	Chungcheongnam-do Provincial Construction Technology Deliberation Committee Member
2024. 01. ~ Present	Hanbang Ubis Head of Design Business Division / Managing Director

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2020. 12.	Commendation from Seoul Metropolitan Council (No. 2020-1820)
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자격취득사항

1996. 10.	Electrical Construction Industrial Engineer
1998. 12.	Fire Fighting Equipment Engineer (Electrical)
2000. 05.	Fire Fighting Equipment Engineer (Machinery)
2015. 11.	Fire Protection Engineer

Record of key personnel

Kim, Hee Moon Head of Disaster Prevention Research Institute /
Executive director

Education

1990. 02.	Graduated Choseon university Department of Precision Mechanical Engineering
2023. 08.	Graduate School of Fire and Disaster Prevention Engineering, Gachon university (Master)

Career

1990. 04. ~ 1998. 12.	Kisan Corporation
1999. 12. ~ 2010. 03.	CEO of Shincheon Construction Co., Ltd
2011. 11. ~ 현재	Professor of Foreign Studies at the Korea Fire Safety Agency
2013. 04. ~ 2017. 12.	Director of the Supervision Business Headquarters of KFUBis Co., Ltd
2018. 01. ~ 2018. 12.	Director of the Disaster Prevention Research Institute of KFUBis Co., Ltd
2019. 01. ~ 2021. 10.	Managing Director of the Disaster Prevention Research Institute of KFUBis Co., Ltd
2019. 03. ~ 2021. 03.	Director of Korea Fire Technology ksfpe
2019. 07. ~ Present	Instructor of Disaster Prevention Education at the Institute for KPFA
2021. 11. ~ Present	Director of the Disaster Prevention Research Institute of KFUBis
2023. 07. ~ Present	Gyeonggi-do PBD review Committee Member

Awards

2019. 12.	Minister of Public Administration and Security Commendation (No. 19-9781)
2023. 06.	Commendation from the Commissioner of the National Fire Agency (No. 23-307)

Certificate status

1989. 07.	industrial safety engineer (No. 89203150156J)
1997. 03.	Architectural equipment engineer (No. 97201070338D)
2008. 06.	Firefighting equipment engineer (electricity) (No. 08201023049T)
2008. 12.	Fire equipment engineer (machine) (No. 08204021350I)
2010. 08.	Fire Protection Professional Engineer (No.101910105090)
2016. 11.	Architectural machinery equipment engineer (No. 16110010186C)

Record of key personnel

Son, Eun Soo Future initiative Director of R&D Center /
Managing Director

Education

1993. 12.	Graduated Japan National Fire Service University (Department of Prevention 12th)
2008. 08.	Graduated from Yonsei University majoring in disaster prevention safety management (Master of Engineering)
2019. 08.	Graduate School of Disaster Science, Seoul National University (Doctor of Disaster Science)

Career

1987. 01. ~ 1990. 03.	the chief of the fire department's prevention department
1990. 03. ~ 1995. 05.	the head of the Home Office's Preventive and Protective Services Department
1997. 02. ~ 1999. 05.	Instructor, Chief of the Central Fire School, Ministry of Government Administration and Home Affairs
1999. 05. ~ 2002. 08.	Chungcheongnam-do Chungcheong Fire School Principal
2004. 07. ~ 2005. 09.	Inspector General of Planning and Management Office of the National Emergency Management Agency, Innovation and Human Resources Planning Office
2005. 09. ~ 2007. 03.	Director, Innovation Planning Officer, Policy and Public Relations Division, National Emergency Management Agency
2007. 03. ~ 2008. 05.	Head of Fire Investigation Team, Fire Policy Bureau, National Emergency Management Agency
2008. 05. ~ 2008. 06.	Director of the Aviation Safety Team of the Fire Policy Bureau of the National Emergency Management Agency
2008. 07. ~ 2009. 01.	Director, Fire Protection Officer, Fire Policy Bureau, National Emergency Management Agency
2009. 01. ~ 2010. 01.	Head of Fire Safety Headquarters, Jeon-Jeon
2010. 01. ~ 2011. 07.	Chief of Staff of the National Emergency Management Agency Commissioner's Office
2011. 07. ~ 2012. 03.	Informatization Officer, Planning Coordinator Office, National Emergency Management Agency
2012. 05. ~ 2012. 12.	Principal of Incheon Fire Safety School
2012. 12. ~ 2014. 12.	Head of Gyeonggi Northern Fire and Disaster Headquarters
2015. 01. ~ 2019. 11.	Sungjin Co., Ltd. Vice President
2015. 03. ~ 2015. 12.	Special professor of disaster fire department at Open Cyber University (former director of department)
2018. 12. ~ 2022. 12.	Full-time Vice Chairman of the Korea Fire & Facilities Association
2023. 01. ~ Present	Director of the R&D Center for KFUBIS Co., Ltd

Awards

1988. 12.	the Minister of the Interior's Commendation
1992. 12.	Prime Minister's Commendation Award
1994. 11.	Central Fire School Principal Awarded Commendation
1997. 10.	Central Fire School Principal Awarded Commendation
2005. 11.	Presidential Commendation Award for 43rd Anniversary of Fire Fighting Day
2007. 10.	Commendation of meritorious service by the head of the Board of Audit and Inspection
2010. 11.	The 48th Anniversary of Firefighting Day was awarded the Order of Merit, Hong Jo-geun

Certificate status

2021. 08.	fire-fighting equipment engineer
2006. 12.	Disaster guidance manager

Record of key personnel

Yoon, Wook Sik Supervision Division / Executive Director

Education

2022. 08.	Graduated from Sejong Cyber University, Department of Fire and Disaster Prevention
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Career

1988. 03. ~ 1995. 10.	Dongbang Disaster Prevention Co.,Ltd
1995. 10. ~ 2001. 07.	International Disaster Prevention Co., Ltd.
2002. 09. ~ 2004. 10.	SM Power Co., Ltd.
2005. 05. ~ 2006. 03.	Chun Loss Prevention Engineering Co.,Ltd.
2006. 03. ~ 2018. 12.	Korea Fire Protection Ubis Co., Ltd. Director
2019. 01. ~ Present	Korea Fire Protection Ubis Co., Ltd. Executive Director

Certificate status

1998. 04.	Fire Fighting Equipment Engineer (Mechanical)
1998. 12.	Fire Fighting Equipment Engineer (Electrician)

Lee, Byung Ho Head of Disaster Prevention Business Division / Director

Education

2004. 02.	Graduated from Kyungwon College of Fire Protection System
2016. 02.	Graduated from Korea National Open University with a bachelor's degree in business administration

Career

2004. 01. ~ 2015. 08.	Worked in the design department of Hanbang Ubis
2015. 09. ~ 2016. 09.	Hyundai Infracore Technology Sales Team
2016. 11. ~ 2024. 01.	Director of Oriental Ubis Seismic Business Division
2024. 02 ~ Present	Head of Disaster Prevention Business Division, Hanbang Ubis

Certificate status

2017. 12.	Fire Fighting Equipment Engineer (Mechanical)
2023. 06.	Fire Fighting Equipment Engineer (Electrician)

Record of key personnel

Jang, young Ji Head of administrative department / Managing Director

Education

1990. 02.	Graduated from Songji Comprehensive High School
2007. 02.	Graduated from Kyung Hee Cyber University E-Business (Bachelor's degree)

Career

1990. 04. ~ 1992. 04.	SsangYong Steel Industry Co., Ltd. Sales Department
1992. 10. ~ 2019. 12.	Korea Fire Protection Ubis Co., Ltd. Management Support Division
2020. 01. ~ Present	Korea Fire Protection Ubis Co., Ltd. Management Support Division / Managing Director
2022. 07. ~ Present	Korea Fire Protection Ubis Co., Ltd. Head of Management Planning Division / Managing Director

3. Project achievements

● Fire protection system design result current state of affairs

- Accommodation
- Residence
- Mercantile and complex facility
- Health facility
- Business
- Transportation and Communication
- Factory and Storage
- Attraction . Assembly
- Educational . Institute

Fire Protection Facility Design Performance

► Accommodation

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Lotte Hotel Busan	B5F/3F	146,520	SAMSHIN Co., Ltd	1993
New Jeju Tourist Hotel	B4F/17F	106,137	BAUM Architects	1995
Jeju Seorabol Hotel	B2F/3F	31,244	Jeju Seorabol Tourism corporation	1996
National Pension Welfare Town	B3F/8F	31,350	Changwoojeong construction	1997
Yeongjongdo KAL Hotel	B2F/12F	76,470	Shinhan Architects & Engineers Co., Ltd	1997
Gunsan Daewoo Hotel	B2F/21F	310,952	BAUM Architects	1998
Cheongju Greenvile Tourism Hotel	B2F/8F	29,700	Yooil Engineering & Architects Co., Ltd	2001
Seoul IBIS Hotel construction	B6F/14F	17,831	BAUM Architects	2002
Palace Hotel extension	B3F/13F	50,186	Jung Il Architecture	2003
Namhae Resort	B1F/4F	34,335	Changjo Architecture & Engineering	2006
Algeria CPE Project	B2F/23F	34,737	Space Group	2007
Algeria IAP Project	B2F/24F	48,663	Space Group	2007
Angola Convention Hotel	B2F/5F	26,400	Space Group	2007
Angola Intercontinental Hotel	B1F/25F	54,900	Space Group	2007
Jeongseon Condominium	B3F/10F	41,153	Changjo Architecture & Engineering	2008
Seoul International Financial Center (Conrad Seoul Hotel)	B7F/55F	494,533	BAUM Architects	2011
Korean Air H2 Hotel	B2F/12F	75,000	Junglim Architecture	2012
Konjiam Resort	B4F/11F	125,400	Changjo Architecture & Engineering	2013
Hotel Shilla remodeling	B3F/23F	45,000	Changjo Architecture & Engineering	2013
Yeongjong H1 Hotel BIM	B3F/13F	33,489	Junglim Architecture	2013
Gyongpodae Hotel	B4F/8F	29,752	Hyundai Architects & Engineering	2013
Pohang Duho Hotel and Complex facility	B3F/16F	25,033	Suh Architects	2013
Parnas Tower(Starwood Hotel)	B6F/40F	212,784	Changjo Architecture & Engineering	2013

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(㎡)		
Kintex Accomodations	B3F/34F	85,470	Samoo Architects & Engineering	2013
Libya ECOT Hotel	B2F/27F	65,000	Space Group	2013
Pangyo Mirae Asset Hotel (Marriott Hotel)	B6F/16F	41,250	Samoo Architects & Engineering	2013
Songdo OK Center	B3F/70F	170,000	AUM&LEE Architects&Associates	2014
Walkerhill main building remodeling	B4F/4F	37,370	Junglim Architecture	2015
Lotte Resort Sokcho	B3F/9F	76,000	NOW Architects	2016
Jeju Myths and History Theme Park (HOTEL)	B2F/5F	1,386,000	Samoo Architects & Engineering	2018
Seogwipo innovation Condominium	B2F/10F	233,190	Sindosy Architects & Engineers	2018
Gapyeong Yeonin Mountain Resort	B4F/10F	36,631	Space Group	2019
Haeundae Tourism Resort	B5F/101F	190,000	Samoo Architects & Engineering	2020
Jeju Nohyeong-dong D Hotel	B5F/56F	301,940	Siaplan Architects & Planners	2020
Myeongdong Hotel Project	B1F/8F	3,171	HHH. KOREA. INC.	2020
Yeouido PARC.1(HOTEL)	B7F/69F	629,047	Samoo Architects & Engineering	2020
Grand Ambassador Hotel	B2F/18F	32,899	Ambassador Hotel Group, Inc.	2020
Busan Harbor north D-1 Block redevelopment	B4F/61F	219,755	Ilisin Architects Inc.	2020
Teheranro 237 Development	B7F/37F	236,530	DA Group Engineering	2021
u-idong Condominium Development Project	B3F/7F	99,829	Junglim Architecture	2021
Centerfield B/D Logarithmic Line	25F~27F	5,798	Facebook Korea	2022
Jeju Hot Spring Resort (Marriott Hotel)	B2F/2F B3F/4F	7,058 47,895	Sammaebong Valley Co.	2022
Lotte Mall Hanoi Hotel SR interior change Project	—	65,000	Design Bauraum	2022
Busan LOTTE Hotel Outdoor Pool and Banquet Hall	B5F/42F	379,246	Busan Lotte Hotel	2022
Busan Dong-gu Choryang-dong Living accommodation	B5F/70F	192,700	Koramco Asset Trust	2022

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(㎡)		
Busan Harbor north D-2 Block redevelopment	B6F/77F	239,955	Mooyoung Architects & Engineers	Ongoing
LOCZ Incheon entertainment resort and leasure complex (A1)	B2F/27F	137,741	GNI Architects & Engineers	Ongoing
LOCZ Incheon entertainment resort and leasure complex (A2)	B2F/27F	37,959	GNI Architects & Engineers	Ongoing
Ttukseom Booyoung Hotel	B8F/49F	274,839	AUM&LEE Architects&Associates	Ongoing
Sogong-dong Booyoung Hotel	B7F/27F	103,162	AUM&LEE Architects&Associates	Ongoing
Jeju Buyeong Condominium	B2F/10F	233,100	AUM&LEE Architects&Associates	Ongoing
Inspire Resort	B1F/14F	352,814	Hyundai Architects & Engineering Association	Ongoing
Song-Do Thema Park	B1F/12F	135,536	AUM&LEE Architects&Associates	Ongoing
Jang Chung-dong J Project (Paradise Hotel)	B6F/19F	64,282	Gansam Architects	Ongoing
DWBC Centum Complex Development	B7F/73F	265,660	Siaplan Architects & Planners	Ongoing
Gapyeong The Stay Healing Park Development	B2F/4F	26,400	Changjo Architecture & Engineering	Ongoing
Busan Minrak-dong Complex	B3F/42F	191,452	Mooyoung Architects & Engineers	Ongoing
Osiria Trendy Town & U-Town Development	B2F/15F	430,000	Samoo Architects & Engineering	Ongoing
Busan Haeundae-gu Udon Grand Hotel Site Development	B8F/47F	216,843	MDMplus Corporation	Ongoing
Gyeongnam Jinju Innovation City Industry 5BL	B3F/49F	181,766	Pioneer Jinju	Ongoing
Hanwha Resort Seorak Cinerama/Content Platform	B3F/8F	104,188	Gansam Architects & Partners	Ongoing
Yangyang-gun Ganghyeon-myeon Jeonjin-ri 7-30 Living Accommodation	B6F/29F	25,273	Golden House	Ongoing
Seolleung Hotel Complex	B7F/14F	52,572	Ramid Tourism Co.	Ongoing
Gangcheonsan Hot Spring Tourist Resort Complex Wellness Spa Tourist Hotel	B2F/4F	14,565	Gangcheon Park	Ongoing

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(㎡)		
Seorhaewon Recreation Condo D1,D2 Lot	B3F/6F	45,573	Gansam Architects & Partners	Ongoing
Hotels in Ihotewu Jeju	B2F/4F	18,000	Value No. 1 JejuPFBV	Ongoing
ReBLEX River town Project	B3F/4F	10,987	BAUM Architects	Ongoing
Yeongjongdo Midan City B2-4 Block Complex Development	B1F/36F	70,902	Ho & Company	Ongoing
Phoenix Jeju Subzicozy Condo	4F	24,217	Phoenix Islands	Ongoing
Jeju Shinhwa Historical Park District H,R Phase 3	—	H:130,540 R:10,070	Ramjeong Jeju Development Co.	Ongoing
Busan Osiria Tourist Complex Family Land Development	B7F/4F	199,995	GCACT 711	Ongoing
Geoje Jangmok-myeon Living Accommodation	B4F/6F	19,134	Handys, Inc.	Ongoing
Songjiho Tourist Accommodation Development	B1F/25F	140,400	BarReal Co.	Ongoing
Busan Osiria Tourist Complex Recreation Resort Site Project	B11/12F	198,347	HB Tourist Resort Corporation	Ongoing
Daejeon Yuseong Hotel Site Complex Development	B7F/46F	193,620	Yuseong Investment Development Co.	Ongoing
Jeju Jungmun Resort New Construction	B3F/9F	69,197	Hoban Hotel & Resort Co., Ltd.	Ongoing
Seorak PJT Plaza Land site accommodation facility architectural design service	B2F/15F	72,730	Hanwha Hotels & Resorts Co., Ltd.	Ongoing

Fire Protection Facility Design Performance

► Residence

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Tower Palace I	—	—	Samoo Architects & Engineering	2001
Tower Palace II	—	—	Samoo Architects & Engineering	2002
Acrovista	B6F/37F	258,432	KUNWON Architects Planners Engineers	2002
Jamsil Galleria Palace	B5F/46F	266,166	Heerim Architects & Planners Co., Ltd.	2002
Tower Palace III	—	—	Samoo Architects & Engineering	2004
Mok-dong Hyperion II	B5F/41F	236,967	Neoplan Architecture	2004
Konkuk University Star City	B3F/58F	418,415	Myong Architecture	2004
Busan Beomil-dong residential complex	B4F/47F	148,500	KUNWON Architects Planners Engineers	2004
Vabien III	B5F/18F	33,000	Suh Architects	2004
Sunhwa-dong redevelopment	B5F/28F	49,500	Mooyoung Architects & Engineers	2004
Yongsan City Park	B5F/42F	196,232	DA Group, Kunwon A&P&E	2005
Mok-dong Trapalace	B5F/49F	219,000	Siaplan Architects & Planners	2005
Busan Centum Fiesta residential complex	B5F/60F	214,500	Siaplan Architects & Planners	2005
Daejeon EXPO residential complex	B2F/43F	207,900	Space Group	2007
Busan CJ Fiesta residential complex	B4F/67F	491,628	Siaplan Architects & Planners	2007
Hoehyeon-dong residential complex	B8F/37F	113,192	Military Mutual Aid Association	2007
Gimpo Hangang new city Ac-11Block	B5F/63F	191,588	HAEAHN Architecture, Inc.	2011
Hawolgok-dong residential complex	B7F/37F	178,200	Suh Architects	2011
Sangbong-dong residential complex	B7F/47F	235,620	Wonyang Architecture	2012
Haeundae Doosan We've The Zenith	B6F/80F	594,000	Gansam Architects & Partners	2012
Korea Western Power company building	—	59,960	Samoo Architects & Engineering	2012
Asan Baebang complex	B5F/66F	564,000	KUNWON Architects Planners Engineers	2012
Haengdang-dong residential complex	B5F/42F	138,600	DA Group Engineering	2013

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Hangang-ro urban redevelopment	B5F/37F	145,200	Hyewonkaci Architects	2014
Wirye C2-4,5,6Block residential complex	B2F/22F	110,853	DA Group Engineering	2015
Ulsan Sinjeong-dong residential complex	B6F/29F	42,501	Huehyeon Architecture	2015
Busan Yongho Village redevelopment residential complex	B6F/69F	486,579	Kiahn Architecture	2015
Yesan Apartment	B2F/20F	264,000	Suh Architects	2015
Wirye A1-13 BL Apartment	-	-	Seoul Housing & Communities Corporation	2016
Songdo M1 Block	B5F/60F	116,454	KUNWON Architects Planners Engineers	2016
Gimpo Hangang new town Ab-12BL multi unit dwelling	B2F/27F	90,955	E.LAND Constuction Inc.	2016
Gwangmyeong station area development	B6F/51F	539,512	Mooyoung Architects & Engineers	2016
Masan Metro city II	B3F/49F	407,421	Wondoshi Architects Group. Ltd	2016
Hanam misa district 14Block studio flat	B7F/20F	59,000	BAUM Architects	2016
Paju Unjeong New Town A24Block multi unit dwelling	B2F/29F	410,890	ANU Architecture & Urbanism Design Group	2016
Goyang Seogu Daehwa-dong C1-1Block studio flat	B3F/42F	182,863	Changjo Architecture & Engineering	2016
USFK base facility business Gunin Apt.	B1F/12F	70,239	BAUM Architects	2016
Samsung Wonheung station Prugio business	B2F/38F	83,760	HAUD Group	2016
Maseok Premo residential complex	B3F/28F	59,400	Premo & D	2016
Daegu daebong1-3 rebuilding apartment	B2F/29F	92,935	Suh-han Architects & Engineers Inc.	2016
Ulsan Ulju-gun KTX station area M4BL residential complex	B3F/40F	108,335	Siaplan Architects & Planners	2016
Busan hot spring market redevelopment	B5F/33F	52,000	Hot spring market maintenance business association	2016
Gwangju Ssangam-dong residential complex	B2F/44F	218,000	Samoo Architects & Engineering	2017
Gimpo Ab-04BL Apartmene House	B2F/29F	265,323	ANU Architecture & Urbanism Design Group	2017
Heukseok 7 redevelopment promotion zone housing redevelopment	B3F/28F	159,290	YEDA Engineering Co. LTD.	2017
Goduk LH apartment 2 nd complex reconstruction	B3F/35F	843,904	Samoo Architects & Engineering	2019

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Yongsan station International building surroundings development 4 th district	B7F/40F	260,000	Siaplan Architects & Planners	2019
Hannam-dong foreigner Apartment site	B3F/9F	189,195	ANU Architecture & Urbanism Design Group	2019
Wirye New Town A3-4BL	B2F/25F	197,276	ANU Architecture & Urbanism Design Group	2019
Suwon homaesil C-5BL New stay	B1F/25F	126,642	ANU Architecture & Urbanism Design Group	2019
Dae-gu A-3Block Moa Miraedo	B3F/25F	106,150	Miraedo	2019
Daejeon Gapcheon 3BL Apartment	B1F/20F	290,512	Krcon	2019
Happy city 2-4 P2 Block	B2F/37F	113,417	Samoo Architects & Engineering	2019
Shiheung janghyeon B2 Block	B2F/25F	138,178	ANU Architecture & Urbanism Design Group	2019
Dae-gu Beomeo W Residential complex	B4F/59F	328,727	Sung Seung Beom Housing Unions	2019
Goyang Samson M-2 Block Residential complex	B3F/35F	72,289	Hee Architecture	2019
Dongrae-gu Myeongryun-dong District 6 Apartment	B2F/42F	139,231	Wonil Construction	2019
DaejeonDunsan-dong Residential complex	B7F/40F	91,201	E-Land	2020
Cheongju BukMunro 3-ga Residential complex	B5F/49F	100,083	Aram Engineering	2020
Dongnae Hyundai Residential Complex	B5F/39F	201,365	Dongnae Hyundai Area Housing unions	2020
Sunae-dong C23-1 Residential complex	B3F/29F	68,758	Daenong	2020
Jeongeup Suseong A-1BL Happy House	B1F/20F	12,856	Korea Land & Housing Corporation	2020
Busan Gijang A3BL Happy House	B1F/14F	8,340	Korea Land & Housing Corporation	2020
Yesan County Office Happy House	B1F/9F	7,901	Korea Land & Housing Corporation	2020
Cheonan Station Tax Area Happy Housing	B2F/18F	19,510	Korea Land & Housing Corporation	2020
Cheongju Uam and Daegu Chimsan Happy Houses	B2F/15F B1F/6F	14,857 1,676	Korea Land & Housing Corporation	2020
Incheon Bupyeong Sangok-dong Residential Complex	B5F/39F	66,720	DA Group Engineering	2020

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Cheongju Naeduk Happy House	B1F/4F	4,396	Korea Land & Housing Corporation	2021
Maporo District 1, Lot 58-2 Development Project	B5F/19F	28,267	Samoo Architects & Engineering	2022
Busan Yeonsan 5 and Ulsan Megok Happy Housing	B2F/15F B1F/18F	3,236 17,311	Korea Land & Housing Corporation	2022
Cheongnyangni 59 market maintenance business residential complex	B8F/59F	233,251	Cheongnyangni M & D	Ongoing
Daechi Ssangyong 1 st apartment redevelopment	B2F/35F	187,573	Samoo Architects & Engineering	Ongoing
Changwon Jungang-dong complex facility	B4F/35F	37,848	JS D&T Co. Ltd	Ongoing
Dongbu Vegetable & Fruit Market Improvement Project	B7F/65F	378,092	Bosung Corporation	Ongoing
Cheonho 4 promotion zone urban environmental improvement project	B4F/37F	153,111	NOW Architects	Ongoing
Seongsu Strategic Maintenance District 1 Housing Redevelopment	B3F/50F	428,535	KUNMON Architects Planners Engineers	Ongoing
Ulsan Woojung-dong Residential complex	B7F/49F	92,023	ANU Architecture & Urbanism Design Group	Ongoing
Jeju yungdong Residential complex	B4F/15F	35,000	Junglim Architecture	Ongoing
Wolgye Dongshin Apartment Housing Reconstruction and Maintenance Project	B2F/25F	154,298	Wolgye Dongshin Apartment Housing Reconstruction and Maintenance Association	Ongoing
ShinYongsan station north 2 area urban environmental improvement project	B4F/38F	143,501	Siaplan Architects	Ongoing
Seongnam Seongho Market Urban Development Area Residential Complex	B5F/22F	96,825	Siaplan Architects & Planners	Ongoing
Busan Namcheon-dong Residential Complex	B5F/33F	34,714	Jungwon U&P	Ongoing
Tae Pyeong Apartment Reconstruction and Maintenance	B3F/47F	88,319	Taepyeong Apartment Housing Reconstruction and Maintenance Association	Ongoing
Samsung Apartment Housing Reconstruction and Maintenance Project	B3F/25F	77,330	Samsung Apartment Housing Reconstruction and Maintenance Association	Ongoing
Haeundae Udon Residential Complex	B6F/43F	80,391	MDMplus Corporation	Ongoing
Philippine Clark Housing Development	B1F/23F	63,066	Mezzo Partners Architects	Ongoing
Donam District 6 Housing Redevelopment and Maintenance	B5F/24F	144,214	Donam 6th District Redevelopment and Maintenance Association	Ongoing
Godeok Gangil 10BL Apartment	B2F/27F	105,175	Siaplan Architects & Planners	Ongoing
Gwangjin-gu Gwangjang-dong Apartment	B3F/15F	49,950	Samoo Architects & Engineering	Ongoing

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Chungju Enterprise City 1/2 block residential complex	B2F/37F B2F/37F	199,862 196,121	KUNWON Architects	Ongoing
Yeonsin Urban Maintenance Development	B5F/24F	99,081	Samoo Architects & Engineering	Ongoing
Daegu Daemyung-dong residential complex	B2F/39F	44,628	New World C&D	Ongoing
Eunhaeng 1 Area Redevelopment	B6F/75F	618,771	Eunhaeng 1 Area Redevelopment Maintenance Association	Ongoing
Garaksang-ah 1st Housing Reconstruction and Maintenance	—	54,388	Garak Sanga 1st Apartment Reconstruction and Maintenance Business Association	Ongoing
Dapsimni Auto Parts Shopping Center Urban Maintenance Type Redevelopment	B8F/29F	179,241	Dapsimni Automobile Association	Ongoing
Goyang Janghang Public Housing M-1BL Residential Complex	B3F/43F	335,085	Bando Construction Co.	Ongoing
Yeosu Dolsan-eup Udu-ri residential complex	B6F/44F	157,632	Cloud M	Ongoing
Busan Jin-gu Gaya-dong Homeplus Site Development	B8F/39F	187,360	MDMplus Corporation	Ongoing
Busan Beomcheon 1-1 Urban Environment Improvement	B7F/49F	263,862	Beomcheon 1-1 Zone Urban Environment Improvement Association	Ongoing
Sokcho Jungang-dong Housing Redevelopment and Maintenance	B4F/41F	262,746	Sokcho Jungangdong Housing Redevelopment and Maintenance Association	Ongoing
Daejeon Dong-gu Yongjeon-don 67-1 Residential Complex	B6F/47F	61,858	Yoon Development Co.	Ongoing
Daejeon Jung-gu Yongdu-dong 14-1 Residential Complex	B7F/67F	180,836	IPop Engineering	Ongoing
Gaepo Jugong Complex 5 Apartment Reconstruction Maintenance	B3F/35F	217,626	Samoo Architects & Engineering	Ongoing
Pohang Sangdo-dong Gyeongbuk Ilbo site residential complex	B6F/49F	96,029	Giovanni Holdings, Inc.	Ongoing
Sacheon Samcheonpo Station residential complex	B6F/49F	145,318	GNI Architects & Engineers	Ongoing
Jang'an-dong Hyundai Apartment Reconstruction and Maintenance	B3F/29F	125,593	Jang'an-dong Hyundai Apartment Reconstruction and Maintenance Association	Ongoing
Gwangju Seo-gu Gwangcheon-dong residential complex	B6F/39F	92,088	Great Gwangju Co.	Ongoing
Pohang Jukdo-dong Residential Complex	B4F/47F	57,181	Gansam Architects & Partners	Ongoing
Daejeon Bongmyeong-dong 546-5 residential complex	B4F/31F	64,542	Yuseong Oncheon Area Housing Association	Ongoing
Cheonho Woosung Apartment Reconstruction and Maintenance	B3F/15F	96,175	Reconstruction and Maintenance Association	Ongoing
Gangbuk District 3 Urban Improvement Project	B3F/33F	126,695	Samin PFV	Ongoing

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Hangdang-dong 319-36 Station Area Youth Housing	B7F/43F	79,359	HAEAHN Architecture, Inc.	Ongoing
Noryangjin 2 Revitalization Zone Housing Redevelopment	B4F/29F	78,697	Noryangjin 2 Revitalization Zone Housing and Redevelopment Association	Ongoing
Jeonju-si Hyoja-dong 444 Residential Complex	B2F/45F	69,249	Korem Inc.	Ongoing
Uijeongbu-dong Residential Complex	B6F/29F	45,544	TENX Corporation	Ongoing
Daegu Dong-gu Sincheon-dong 314-3 Residential Complex	B5F/28F	34,311	Theme Space Architecture	Ongoing
Uijeongbu-si Uijeongbu-dong complex facility	B6F/38F	31,635	G&T Development	Ongoing
Samdeok Jinju Apartment Street Housing Maintenance	B5F/34F	31,113	Samdeok Jinju Apartment Garo Housing Maintenance Business Association	Ongoing
Jung-gu Namchang-dong 9-1 Development Project	B8F/20F	26,937	Namdaemun71 PFV	Ongoing
Dongsomun-dong 5-ga 75 residential complex	B2F/20F	11,477	DS Networks, Inc.	Ongoing
Hannam Pilot Apartment Small-scale Reconstruction and Maintenance Project	B4F/4F	27,811	Hyundai Architects	Ongoing
Incheon Yeonsu-gu Dongchun-dong Apartment	B2F/18F	18,886	Changha Industrial Co.	Ongoing
Pyeongtaek Bijeong-dong 845-1 Residential Complex	B6F/45F	30,093	Ryu	Ongoing
Eungam-dong Residential Complex	B7F/29F	68,108	Kisan Primo Co.	Ongoing
Gwangju Dong-gu Geumnam-ro ACC Apartment	B4F/24F	28,645	Bridge D&C	Ongoing
Geumcheon-gu Kia Motors site special planning area apartment	B2F/25F	49,917	Hyundai Engineering Co., Ltd	Ongoing
Cheongra Medical Complex Town Elderly Welfare Housing	B1F/49F	167,684	Cheongra Medipolis PFV Co., Ltd.	Ongoing
Daejeon Jung-gu Munchang-dong 38-3 1BL Residential Complex	B4F/49F	177,528	WiseClassI Corporation	Ongoing
Daejeon Jung-gu Munchang-dong 42-4 2BL Residential Complex	B4F/46F	127,315	WiseClassI Corporation	Ongoing
Jamsil Woosung Apartment Reconstruction and Maintenance	—	460,889	Jamsil Woosung Apartment Reconstruction and Maintenance Association	Ongoing
Shingil Woosung 2nd Wuchang Apartment Reconstruction and Maintenance	B3F/35F	203,034	Korea Asset Trust Co.	Ongoing
Incheon Bupyeong Diornine Residential Complex	B7F/27F	53,203	Marie D&C	Ongoing

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Ulsan Nam-gu Samsan-dong 1559-17 Residential Complex	B6F/42F	62,430	Yoonbeom Holdings	Ongoing
Jeju Yeon-dong 274-12 Residential Complex	B5F/15F	40,461	B&B Urban Development	Ongoing
Cheonan Bongmyeong-dong 49-13 residential complex	B5F/49F	203,836	UrbanPlan Partners, Inc.	Ongoing
Jeju Hwabuk Idong Apartment	B1F/4F	29,885	G2 Holdings, Inc.	Ongoing
Daejeon Seonhwa Yongdu District Residential Complex	B7F/49F	187,567	HLS Invest	Ongoing
Busan Yeonje-gu Yeonsan-dong Residential Complex	B4F/22F	99,972	Daewon Plus Construction Co.	Ongoing
Mangpo Station Complex Development Project	B8F/38F	154,569	Mangpo Station Area Development PFV Co.	Ongoing
Jinju Passenger Car Terminal Residential-Commercial Complex Development Project	B4F/39F	190,502	STS Development	Ongoing
Ulsan Dong-gu Hwajeong-dong 637-1 Residential Complex	B5F/39F	93,097	H&F	Ongoing
Icheon Anheung-dong Residential Complex	B8F/49F	55,400	C&S Corporation	Ongoing
Dongducheon Saengyeon-dong Residential Complex	B4F/46F	65,718	DDC PARK	Ongoing
Gongdeok-dong 111-72 SH Participatory Street Housing Maintenance Project	B3F/15F	56,347	Gongdeok-dong 111-72 SH Participatory Street Housing Maintenance Association	Ongoing
Hannam 5 Redevelopment Area Housing Redevelopment and Maintenance Project	B4F/24F	547,858	Hannam 5 Redevelopment Area Housing Redevelopment and Maintenance Association	Ongoing
Incheon Gyeyang District AC3BL Residential Complex	B2F/14F	118,579	Bando Construction Co.	Ongoing
Incheon Gyeyang District AC4BL Residential Complex	B2F/14F	95,041	Bando Construction Co.	Ongoing
Ulsan Ilsan-dong Residential Complex	B4F/48F	76,553	High & Partners Eastern	Ongoing
Jeju Yeon-dong 292-53, 293-46 Apartment	B1F/15F B1F/15F	15,780 15,776	MDMplus Corporation	Ongoing
Daejeon Yuseong Hotel Site Complex Development Project	B7F/46F	193,620	Yusung Investment Development	Ongoing

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Sokcho Jungang-dong Residential Complex	B5F/46F	99,502	Seomi-Development	Ongoing
Gangdong Station Station Area Revitalization Development	B7F/45F	241,398	UrbanLoff, Inc.	Ongoing
Yongdu-dong 23-1 Residential Complex	B7F/40F	42,376	Health Inc.	Ongoing
Yeondong integrated public rental housing complex development	B3F/13F	—	Jeju Special Self-Governing Province Development Corporation	Ongoing
Busan Jingu Gaya-dong, Busan Metropolitan City Columnar composite expansion and contraction work	B8F/39F	187,360	MDM Plus Co., Ltd.	Ongoing
Hannam 4 redevelopment promotion area Housing redevelopment maintenance project fire protection design service	—	389,292	Hannam 4 Redevelopment Promotion Zone Housing Redevelopment and Maintenance Business Association	Ongoing
Dongsomun 2nd area Housing redevelopment maintenance project fire protection design service	B3F/29F	80,798	Dongsomunmun District 2 Housing Redevelopment and Maintenance Business Association	Ongoing
Configuration 1,2 zone Housing redevelopment maintenance project fire protection design service	B3F/35F	228,638	Gusung District 1 and 2 Housing Redevelopment and Maintenance Business Association	Ongoing
Gangbuk 3 redevelopment promotion area Urban improvement type redevelopment project fire protection design service	—	183,786,21	Gangbuk 3 Redevelopment Promotion Zone Urban Reorganization Type Redevelopment Project Maintenance Project Committee	Ongoing
Sewoon Redevelopment Promotion District 3-2,3 Urban Environment Redevelopment Project Design Service	—	169,177	DA Group Engineering Co., Ltd.	Ongoing
Sewoon Financial Development Promotion District 3-8, 9, 10 Area Urban Environment Improvement Project	—	224,817	DA Group Engineering Co., Ltd.	Ongoing
Sewoon Financial Development Promotion District 6-3-3 Area Urban Environmental Improvement Project Fire Department Design and Utilization	—	87,028	DA Group Engineering Co., Ltd.	Ongoing
Gwanggyo Central Square Construction Basic and detailed design services	—	—	Gyeonggi Housing and Urban Corporation	Ongoing
Simbanpo 2nd Apartment Reconstruction and maintenance project	B3F/49F	421,514	Sinbanpo 2nd Apartment Reconstruction and Maintenance Business Association	Ongoing
Daelim Garak Apartment Reconstruction and maintenance project	B3F/35F	171,921	Daelim Garak Apartment Reconstruction and Maintenance Business Association	Ongoing
Sanbon Gaenari 13 Complex Apartment Remodeling Project	—	312,146	Sanbon Gaenari 13 Complex Apartment Remodeling Housing Association	Ongoing

Fire Protection Facility Design Performance

► Sales and Complex Facilities

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m²)		
Cheongju E-Mart sales facility	B5F/5F	49,500	Sangji Architecture & Engineering	1997
Icheon E-Mart sales facility	B1F/3F	14,800	Sangji Architecture & Engineering	1997
Gunpo Shinsegae department store	B6F/10F	99,000	Samoo Architects & Engineering	1997
ASEM and trade center expansion business	B4F/43F	528,000	Changjo, Baum, Heerim, Kunwon	1997
Home Plus Suwon Jowon-dong	B2F/6F	5,490	Samoo Architects & Engineering	1997
Home Plus Yeongtong-gu	B2F/6F	46,200	Samoo Architects & Engineering	1999
Goyang agricultural and marine product distribution center	B1F/2F	52,751	Space Group	1999
Masan agricultural product wholesale center	B1F/2F	34,193	Space Group	1999
Home Plus Ansan	B1F/4F	39,600	Samoo Architects & Engineering	1999
Home Plus Changwon	B1F/5F	45,400	Samoo Architects & Engineering	1999
Lotte department store Pohang	B4F/9F	68,760	Lotte Shopping Co.,Ltd.	2000
COSTCO Yangjae-dong	B2F/5F	32,172	Junglim Architecture	2000
Lotte shopping Gangnam extension	B2F/5F	2,078	Lotte Shopping Co.,Ltd.	2000
COSTCO Sangbong-dong	B2F/5F	34,042	Junglim Architecture	2000
Lotte magnet Yeongdeungpo-gu	B1F/6F	46,860	Junglim Architecture	2001
Lotte magnet Iksan	B1F/4F	23,901	Heerim Architects & Planners Co., Ltd.	2001
E-Mart Changwon	B1F/7F	42,900	Hankil Architects & Engineers	2001
E-Mart Gangneung	B2F/5F	33,788	Hankil Architects & Engineers	2001
Home Plus Busan Sajik-dong	B2F/1F	52,800	Samoo Architects & Engineering	2001
Home Plus Busan Gaya-dong	B1F/5F	52,800	Dasan E&C	2001
Lotte department store Gangnam renewal	B1F	7,590	Lotte Shopping Co.,Ltd.	2001
Suwon agricultural and marine product center TK	B1F/3F	39,600	Space Group	2001
Gimhae agricultural and marine product distribution center TK	B1F/3F	30,426	Space Group	2001

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Lotte department store Daegu Sangin-dong	B6F/8F	67,237	Lotte Shopping Co.,Ltd.	2001
Anyang station underground shopping center renovation	B1F	13,200	Anyang	2002
Lotte mart Cheoncheon-dong construction	B4F/6F	28,109	Lotte Shopping Co.,Ltd.	2002
Lotte department store Jeonju	B5F/8F	71,639	Lotte Shopping Co.,Ltd.	2002
Southwest area agricultural and marine product T/K basic, working design	B1F/2F	29,346	Space Group	2002
Lotte department store Myeong-dong metro	B1F/6F	14,284	Lotte Shopping Co.,Ltd.	2003
Ssnggye-dong sales facility	B7F/8F	26,400	BAUM Architects	2003
Lotte department store Seomyeon renewal	B1F/6F	42,900	Lotte Engineering & Construction	2004
Jinhae Mirae park town	B2F/6F	50,000	Sangji Architecture & Engineering	2005
Yongsan civil station	B6F/11F	330,000	Yongsan civil station building Co. Ltd.	2005
GS home shopping distribution center	B1F/3F	22,859	Changjo Architecture & Engineering	2005
Lotte mart Jangyu-dong construction	5F	36,879	Lotte Shopping Co.,Ltd.	2006
Lotte mart Dongnae-gu construction	B4F/7F	66,000	Lotte Shopping Co.,Ltd.	2006
Sindorim Technomart	B6F/40F	297,000	Wondoshi Architects Group. Ltd	2006
Lotte department store Haeundae	B7F/10F	99,000	Lotte Shopping Co.,Ltd.	2006
Lotte department store Dongnae-gu extension	B3F/10F	51,800	Lotte Shopping Co.,Ltd.	2007
Lotte mart Eomgung-dong construction	B1F/7F	49,289	Lotte Engineering & Construction	2007
Lotte mart Yeosu construction	B1F/6F	40,586	Galim Architecture	2007
Dongdaemun central market redevelopment	B7F/18F	49,926	AUM&LEE Architects&Associates	2007
2 nd Lotte mart Ho Chi Minh	B2F/5F	33,000	SD partners Architects & Engineers	2007
Southeast Block TK	B5F/11F	423,000	Wonyang Architects	2008
Kintex Commercial facility	B2F/11F	52,800	HAEAHN Architecture, Inc.	2008
1 st Lotte mart Ho Chi Minh	B1F/1F	39,600	SD partners Architects & Engineers	2008

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Nonghyup Gwangju distribution center	B1F/3F	39,600	Nonghyup	2009
Yeongdeungpo TimeSquare	B5F/20F	379,500	Junglim Architecture	2009
Lotte mart Indonesia Kelapa Gading	2F	2,095	Jung II Architecture	2009
Lotte mart Indonesia Gandaria	B1F	10,300	Jung II Architecture	2010
Lotte mart Indonesia Bintaro Jaya	B1F/3F	58,757	Jung II Architecture	2010
Lotte mart Vietnam Ho Chi Minh Binh Duong project construction	B1F/4F	24,793	Sangji Architecture & Engineering	2010
Garak market modernization project	B5F/18F	553,884	Samoo Architects & Engineering	2011
Megamart Gimhae	B1F/20F	—	Samoo Architects & Engineering	2011
Lotte mart Gwanggyo—dong	B1F	15,000	Lotte Construction & Engineering	2011
Lotte department store Ulsan	B5F/8F	55,240	Lotte Construction & Engineering	2012
Lotte mart Geumcheon—gu renewal	B1F/6F	40,532	Lotte Construction & Engineering	2012
Lotte mart Veitnam Phan thiet	B1F/7F	27,145	SDP	2013
Noryangjin fisheries wholesale market modernization project TK	B2F/9F	115,400	Space Group	2014
Jinju Lotte outlet basic design	B1F/5F	75,900	Samoo Architects & Engineering	2014
Lotte mart Gimcheon	B2F/5F	23,100	Lotte mart	2014
Indonesia AEON MALL	4F	165,500	Changjo Architecture & Engineering	2014
Tower Infinity Incheon	—	22,773	Samoo Architects & Engineering	2014
Lotte mall A1	B3F/8F	239,473	BAUM Architects	2014
Lotte mart Vietnam Pico plaza	1F/3F	12,600	MAP group	2014
Lotte mart Vietnam Can Tho	B1F/4F	29,174	SD partners Architects & Engineers	2014
Cheonan distribution complex A6—1 mercantile facility	B1F/3F	14,000	Junglim Architecture	2014
Eunpyeong new town mixed use development	B6F/36F	388,718	DA Group Engineering	2014

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Laveniche march avenue C4-1~8BL mercantile facility	B1F/2F	30,000	Junglim Architecture	2015
Busan yongho bay redevelopment residential complex	B6F/69F	482,039	Kiahn Architecture	2015
Hanam Union square	B5F/3F	551,806	Junglim Architecture	2016
Busan Lotte world tower	B7F/107F	464,556	Lotte Shopping Co.,Ltd.	2016
Jamsil Lotte world tower	B6F/123F	330,000	Lotte Shopping Co.,Ltd.	2016
Doosan tower duty free shop	B7F/34F	122,586	Gansam Architects & Partners	2016
Gwangmyeong station area complex	B6F/49F	309,383	Heerim Architects & Planners Co., Ltd.	2016
Lotte mall Jinju working design	B4F/7F	102,318	Lotte Construction & Engineering	2016
Lotte mart Siheung Gunja-dong	B1F/5F	34,200	Lotte Construction & Engineering	2016
Shinsaegae Hanam traders	B3F/3F	18,800	Junglim Architecture	2016
Hanam aqualand	2F/3F	9,917	Junglim Architecture	2016
Gwanggyo power center complex	B4/57F	702,435	DA Group Engineering	2016
New Noryangjin market maintenance	B4F/30F	42,455	Samho Architecture	2016
Myeong-dong 4 th district urban environment improvement	B7F/24F	52,862	B&A inc.	2016
Lotte mall A2	B3F/7F	107,378	BAUM Architects	2016
Incheon terminal site complex facility	B3F/27F	370,200	Space Group	2017
Incheon Guwol mercantile facility	B4F/8F	232,359	E mart	2017
SC PROJECT Lotte mall	B3F/6F	297,522	Junglim Architecture	2019
Starfield coexmall tenant	B1F/1F	—	Junglim Architecture	2019
Homeplus Cheongju Store GHS Major Repair Work	B1F	233	Homeplus Co.	2019
Homeplus Janglim Store GHS Major Repair Work	B1F/8F	52,090	Homeplus Stores Co.	2019
Vietnam Hanoi Aeon Mall 3rd Branch	B1F/10F	245,239	Hyundai Engineering Co.	2019

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Homeplus Changwon branch GHS major repair work	B2F/1F	221	Homeplus Co.	2019
Homeplus Jeonju Hyoja Branch GHS Major Repair Work	B2F/3F	159	Homeplus Co.	2019
Homeplus Gwangju Gyerim Branch GHS Major Repair Work	B3F/6F	242	Homeplus Co.	2019
Songdo R1BL complex	B4F/49F	482,055	NOW Architects	2019
Cheonan Machi Avenue A5-4 Block Sales Facility	B1F/2F	7,350	Junglim Architecture	2019
Haeundae Tourist Resort	B5F/101F	661,135	Samoo Architects & Engineering	2020
Anseong Shinsegae Starfield	B2F/3F	278,016	Junglim Architecture	2020
Changwon Sangnam-dong Complex Sales Facility	B3F/7F	17,760	SEA Architecture	2020
Garak Market Vegetable Building 2 Construction	B1F/3F	283,286	NOW Architects	2020
Busan Bukhan Port D1 Block Complex Development	B4F/61F	219,754	Hyeopsung Renaissance Co., Ltd.	2020
Tehran Road 237 Development Project	B7F/37F	236,530	DA Group Engineering	2020
Yeouido Parc.1 (Retail)	B7F/69F	629,047	Samoo Architects & Engineering	2020
Changdong Entrepreneurship and Cultural Industrial Park	B8F/49F	143,846.69	Haenglim Architecture	2020
Jamsil Sports MICE Complex T/K	B4F/40F	1,016,735	HAEAHN Architecture, Inc.	2021
[Maison] Dongbusan Fire Protection Design Service	—	22,000	Lotte Shopping Co.	2021
Hwaseong Dongtan Lotte Mall MasimoDutti Store	—	562	Masimo Dutti Korea Co.	2021
Wirye PK Market Renewal	B6F/10F	160,302	E-Mart	2021
Busan Lotte Department Store (Gwangbok Branch) Design Change	B8F/12F	840,445	Samoo Architects & Engineering	2021

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Pangyo Hyundai Department Store Masimo Dutti Store Renewal	–	350	Masimo Dutti Korea Co.	2021
Lotte Mall Songdo A1BL Complex	B3F/22F	231,754	BAUM Architects	2021
Ulsan Lotte Department Store Zara Firefighting Design	1F	4,034	Zara Retail Korea	2021
Dongtan 2 New Town E–Mart	B2F/4F	52,279	E–Mart	2022
Oisho COEX Starfield	–	–	Oisho Korea Co.	2022
Lotte Department Store Incheon Building (5F) of Repurposing	5F	218	Lotte Shopping Incheon Store	2022
Philippines Ciel de Clark	4F	9,000	Mezzo Partners Architects	2022
LOTTE MALL HANOI KIDZANIA	–	–	MBC PlayB	2023
Renewal of CJ Food World at Coex Mall	–	–	Shinsegae Property Co.	2023
LG Electronics BEST SHOP Seohyeon Main Store	1F/2F	–	Hiplaza	2023
Andong Bonghwa Livestock Cooperative Livestock Distribution Center Expansion	B1F/4F	21,081	Andong Bonghwa Livestock Industry Cooperative	2023
Cheongna Shinsegae Shopping Mall	B3F/5F	339,900	HAEAHN Architecture, Inc.	Ongoing
Tukseom Booyoung Complex Development Project	B8F/49F	274,839	AUM&LEE Architecture	Ongoing
Sangbong Terminal Complex Development Project	B7F/49F	295,448	KUNWON Architects	Ongoing
Jeju Buyeong Condominium	B2F/10F	30,215	AUM&LEE Architecture	Ongoing
Changwon Starfield Complex Development Project	B8F/7F	312,637	Starfield Changwon	Ongoing
Thu Thiem Eco Smart City	B5F/60F	704,164	Junglim Architecture	Ongoing
Busan Lotte Tower	B8F/30F	120,268	Samoo Architects & Engineering	Ongoing

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
AK Mall Gwangmyeong Store	B2F/4F	54,813	Hanlim Architects	Ongoing
Incheon Terminal Complex Shopping Mall Development	B2F/6F	162,385	Junglim Architecture	Ongoing
Lotte Mall Hanoi Shopping Mall Interior Change	–	40,700	Kukbo Design	Ongoing
Ulsan Terminal Complex Development Project	–	181,500	DA Group Engineering	Ongoing
LOTTE MALL Hanoi Redesign	–	32,000	Kukbo Design	Ongoing
LOTTE Mall Hanoi Development	B2F/23F	360,000	Junglim Architecture	Ongoing
Gangnam Branch Renewal Integrated Design Services	B3F/9F	62,393	Lotte Shopping Co.	Ongoing
Remodeling of Lotte Department Store Bundang	B6F/9F	83,535	NHC Investment & Securities Co.	Ongoing
Firefighting design service for Dongtan 2 Jiwon 19 Block complex facility construction	B3F/26F	78,122	Deungdae Holdings Co., Ltd.	Ongoing
Pre-feasibility review design service for change of use of the 108th floor of Lotte World Tower	–	–	beom Architecture General Architect Office Co., Ltd.	Ongoing
Firefighting design and performance-oriented design service for Busan Marine City complex facility development project	B5F/73F	279,559	BSD&C Co., Ltd.	Ongoing
B1 specialty restaurant renewal firefighting design Starfield COEX Mall City Airport Tower service	B1F	2,495	Shinsegae Property Co., Ltd.	Ongoing
21-6,7 Jamwon-dong, Seocho-gu Development Project	B2F/10F	4,510	Gyeongseung Building	Ongoing

Fire Protection Facility Design Performance

► Healthcare facilities

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Konkuk university hospital	B4/13F	6,852	BAUM Architects	2002
Busan Namcheon-dong hospital	B3/12F	28,330	Space Group	2002
Seoul national university Bundang hospital morgue	B1/3F	5,502	U-il architects & engineers	2002
Catholic university of Busan hospital	B4/10F	42,900	Samoo Architects & Engineering	2002
8 th US army Yongsan hospital sprinkler design	B1/2F	8,000	Dongbu coporation	2002
Korea university Guro hospital extension	B3/7F	58,712	Junglim Architecture	2002
Chungang university hospital	B5/16F	110,091	BAUM Architects	2002
Yonsei 3rd new hospital design change	B3/21F	4,583	Junglim Architecture	2003
Samsung medical center new wing bacis and construction technical service	B8/11F	106,260	Samoo Architects & Engineering	2003
Korea univ. ansan hospital extension	B2/9F	43,107	Samoo Architects & Engineering	2003
Konkuk univ. hospital design change	B4/13F	8,250	BAUM Architects	2006
Inje univ. Haeundae Paik hospital	B4/17F	108,644	BAUM Architects	2007
Gangwon Do rehabilitation hospital	B4/8F	10,000	BAUM Architects	2008
Chungan univ. hospital extension	1F/10F	23,900	BAUM Architects	2009
Keimyung univ. Dongsan medical center	B5/20F	178,753	Samoo Architects & Engineering	2011
Gyeongsang national univ. Changwon hospital T/K basic	B3/12F	104,865	HAEAHN Architecture, Inc.	2012
Qatar Hamad medical city	B1/11F	175,670	Space Group	2013
8 th US army hospital and dentistry	B1/5F	37,852	DWD	2014
Gongju medical center BTL	B3/12F	33,000	Samoo Architects & Engineering	2014
Suncheon hospital decrepitude safety facility	B2/5F	20,324	Changjo Architecture & Engineering	2016
Hyewon Medical Foundation (Sejong Hospital IMC)	47,603	47,603	BAUM Architects	2016
National Diagnostic and Treatment Center in Mongolia	B1F/4F	15,588	NOW Architects	2017

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Samsung Medical Center	B9F/6F	154,110	Samoo Architects & Engineering	2017
Ajou University Hospital main building Remodeling	B1F/2F	264	Gansam Architects & Partners	2017
Ajou University Rehabilitation Hospital	B5F/9F	34,244	Gansam Architects & Partners	2017
Keimyung University Dongsan Medical Center	B5F/20F	—	Samoo Architects & Engineering	2017
Ajou University Hospital 3rd floor operating room	3F	264.46	Gansam Architects & Partners	2019
Qingdao Severance Hospital	B3F/21F	172,000	Junglim Architecture	2019
Yongin Dongbaek Severance Hospital	B5F/16F	120,335	BAUM Architects	2020
Soonchunhyang University Attached New Hospital Construction	B5F/15F	138,347	Samoo Architects & Engineering	2020
Hangang Sacred Heart Hospital sprinkler installation work	—	26,568	(Academy) Ilsong Academy Hangang Sacred Heart Hospital	2020
Gangnam Sacred Heart Hospital sprinkler installation work	—	33,882	(Academy) Ilsong Academy Gangnam Sacred Heart Hospital	2020
Hallym University Chuncheon Sacred Heart Hospital sprinkler installation work	—	28,730	Hallim University Chuncheon Sacred Heart Hospital	2020
Simple sprinkler design for Bucheon St. Mary's Hospital	—	23,471	The Catholic Academy of Education	2020
Incheon Sarang Hospital Remodeling	B4F/15F	13,814	Samoo Architects & Engineering	2020
Bucheon St. Mary's Funeral Home Environmental Improvement Project	11F	30,314	The Catholic Academy of Education	2021
Relocation of the 1st and 2nd floors of the Visa Inspection Center	—	—	Yonsei University College of Medicine Gangnam Severance Hospital	2021
Hanam Sunshine Hospital	B5F/10F	31,699	Sunshine Hospital	2021

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Deoksan Medical Foundation Suwon Deoksan Hospital New construction and 350-bed addition	B4F/10F	92,490	Deoksan Medical Foundation	2022
Establishment of National Oncology Center in Senegal	GF/3F	13,484	Yuil Engineering & Architects	2022
Yonsei Medical Center Sinchon Remodeling Unit Price	2F	5,000	Yonsei Medical Center	2022
Central Region Infectious Disease Specialist Hospital	B5F/6F	22,290	Samoo Architects & Engineering	2022
Gangnam) Visa Checkup Center 3rd Floor Remodeling	–	–	Yonsei University College of Medicine Gangnam Severance Hospital	2022
Samsung Medical Center Main Building Remodeling	B9F/6F	154,710	Samoo Architects & Engineering	Ongoing
Songdo Severance Hospital	B4F/18F	163,310	Samoo Architects & Engineering	Ongoing
Boramae Hospital Relief Ventilator Building a Specialty Center	B3F/3F	10,711	Seoul Metropolitan Government	Ongoing
Seegene Medical Foundation Seoul headquarters remodeling and change of use	B6F/19F	57,832	Seegene Medical Foundation	Ongoing
Hanyang University Hospital	B5F/5F	75,937	Hanyang University Hospital	Ongoing
Samsung Seoul Hospital Infectious Disease Center Fire Protection Design Service	–	4,314	Samsung Seoul Hospital	Ongoing
Ajou University Medical Center	B3F/15 F	71,390	Ajou University Medical Center	Ongoing

Fire Protection Facility Design Performance

► Business

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Samsung life insurance Busan office	B7F/26F	56,274	Samoo Architects & Engineering	1994
Dogok-dong Project	B5F/23F	158,400	Samoo Architects & Engineering	1994
Samsung central investment office	B7F/20F	32,670	Junglim Architecture	1995
Hansol Co. Ltd company building	B6F/23F	55,044	Ilsong Architecture	1995
Dogok-dong complex	B8F/38F	248,384	Samoo Architects & Engineering	1995
Samsung fire & marine insurance Incheon office	B4F/21F	82,170	Junglim Architecture	1995
Samsung life insurance Secho fashion center	B7F/39F	111,870	Samoo Architects & Engineering	1995
Samsung life insurance Jongno building	B6F/23F	55,044	Samoo Architects & Engineering	1995
Yujin sightseeing Mugyo 3rd district redevelopment	B8F/30F	117,671	Samoo Architects & Engineering	1996
Daewoo electronics Mok-dong office	B6F/39F	143,550	Seoul Architecture	1996
Geoje State Guesthouse	B1F/8F	28,050	Samoo Architects & Engineering	1996
Samsung life insurance welfare center	B2F/14F	55,110	Samoo Architects & Engineering	1996
Samsung life insurance Yongin retirement community	B3F/20F	161,700	Samoo Architects & Engineering	1996
Samsung C&T samsung motor Busan Suan-dong A/S center	B2F/5F	11,259	Samoo Architects & Engineering	1997
Samsung fire & marine insurance Gangbuk Suyu-dong office	B9F/14F	16,707	Samoo Architects & Engineering	1997
Dongyang Cement Building	B7F/40F	159,300	BAUM Architects	1997
Samsung Electronics Busan Saha Office	B5F/15F	21,212	Samoo Architects & Engineering	1997
Korea heavy industries Bundang center	B7F/30F	100,650	KUNWON Architects	1998
Busan Suyong bay tower	B6F/102F	1,515,341	Namsan Architecture	1998
Busan court complex	B1F/16F	60,294	Kunwon Architects	1999
National tax service building	B4F/16F	44,880	Samoo Architects & Engineering	1999
POBA Gwangju hall	B3F/6F	46,000	Junglim Architecture	1999

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Korea foodservice industry association central hall	B1F/6F	8,032	Space Group	1999
Songdo Technopark building	B3F/21F	26,400	Space Group	2001
Seogwang venture park	B2F/12F	5,058	Hanbit Architecture	2001
KDC renovation	B1F/6F	19,800	Dubon Architecture	2001
Yeolseong Officetel	B2F/12F	36,300	Mooyoung Architects & Engineers	2001
Yongin culture&welfare administration town TK	B2F/19F	76,058	Space Group	2001
Seocho-gu Project A-Block	B7F/35F	111,493	Samoo Architects & Engineering	2001
Youngjongdo business area(B3)	B2F/12F	25,228	BAUM Architects	2002
Dongyang fire & marine insurance office	B6F/11F	52,800	Shinhan Architects	2002
Daejeon post office	B2F/6F	12,870	Space Group	2002
Namyeong-dong studio flat construction	B5F/18F	28,797	Shinhan Architects	2002
Dalseong-gun government building T/K basic and working design	B1F/9F	23,000	Space Group	2003
Busan Yeonje post office T/K working design	B1F/9F	16,571	Hangil ENG Co., Ltd	2003
LG fire & marine insurance Gangnam office	B7F/19F	25,795	Changjo Architecture	2004
Agricultural Genetic Resources Facility	B1F/3F	9,500	BAUM Architects	2004
National record repository	B3F/6F	28,700	Samoo Architects & Engineering	2004
Yeouido business building	B5F/13F	39,600	Wondosi Architects group. Ltd	2004
South and north korea cooperation center	B1F/4F	20,000	Space Group	2004
KFTC Bundang center	B2F/12F	23,000	Wondosi Architects group. Ltd	2004
DMC office building	B5F/12F	21,400	Changjo Architecture	2005
SK Telecom Daejeon Dunsan office	B5F/20F	42,462	Changjo Architecture	2006
Korail company building	B4F/28F	48,510	Heerim Architects & Planners Co., Ltd	2006
Kumho Asiana company building	B8F/28F	59,400	Samoo Architects & Engineering	2006

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Seocho-gu PROJECT B-BLOCK	B5F/35F	83,000	Samoo Architects & Engineering	2007
Seocho-gu PROJECT C-BLOCK	B5F/46F	200,000	Samoo Architects & Engineering	2007
NHN venture tower	B5F/28F	92,400	Samoo Architects & Engineering	2007
Kyobo life insurance office remodeling	B4F/23F	78,540	Samoo Architects & Engineering	2007
Kookmin bank west Yeouido main office east.west wing	B6F/9F	45,644	Samoo Architects & Engineering	2008
Southeast area Na Block TK and working design	B5F/11F	121,000	Ilkun Architects & Engineers Ltd.	2008
Sangam-dong Woori bank computing and information center	B4F/12F	65,000	Samoo Architects & Engineering	2009
Samsung main building remodeling	B4F/28F	51,239	Samoo Architects & Engineering	2009
Algeria Boughzoul government office	B2F/12F	41,000	Space Group	2009
FKI tower construction	B6F/50F	170,280	Changjo Architecture	2010
00 unit	7 sites	12,816	Haenglim Architecture	2010
10-7 zone Shinyoung business	12 sites	7,497	Haenglim Architecture	2010
Business 901	2 sites	31,405	Haenglim Architecture	2010
Special forces transfer T/K	B2F/4F	185,124	KUNWON Architects	2010
Pangyo Techno Valley Construction Technology Building	B3F/10F	23,140	Design camp moonpark dmppartners	2010
Lotte data communication disaster recovery center construction	2F	6,957	Jung Il Architecture	2010
Communication and venture research center	B1F/7F	20,338	Seon Architecture	2011
Info company transfer business	B2F/5F	99,100	Samoo Architects & Engineering	2011
Bundang Gumi-dong business facility	B3F/8F	99,000	Junglim Architecture	2011
Embassy of ROK in Japan	B2F/7F	23,124	Changjo Architecture	2011
Happiness City Government Building 1-2	B1F/7F	215,250	BAUM Architects	2011
RDA rural relocation office TK	B1F/9F	101,355	Mooyoung Architects	2011
Sunhwa-dong business facility	B8F/27F	12,231	Design camp moonpark dmppartners	2011

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
RDA zone 3,4,5	B1F/7F	139,497	Samoo Architects & Engineering	2011
RDA rural relocation NICS	B1F/4F	43,799	Samoo Architects & Engineering	2011
RDA rural relocation NIHHS	B1F/7F	61,021	Heerim Architects & Planners Co., Ltd.	2011
RDA rural relocation NIAS	B1F/4F	34,946	Samoo Architects & Engineering	2011
IFC Seoul	B7F/55F	494,533	BAUM Architects	2011
TLI company building construction	B4F/10F	46,942	A group international	2011
Pangyo Miraeasset tower	B6F/13F	42,405	Junglim Architecture	2012
Kepeco new office construction	B2F/28F	145,574	Heerim / Samoo	2012
Administrative Center Complex District 3-2	B2F/12F	89,605	Space Group	2012
LH former office(Jinju)	B2F/20F	132,724	Mooyoung Architects & Engineers	2012
Busan Munhyeon innovation city mixed use development	B5F/63F	358,000	HAUD Group	2012
LH new office BIM design	—	132,724	Korea Land & Housing corporation	2012
Chungnam provincial police agency office	—	19,834	Samoo Architects & Engineering	2012
Korea western power office	—	23,975	Samoo Architects & Engineering	2013
8 th US Army VMF technology proposal	—	—	DWD	2013
KEPCO ENC technology proposal	B2F/28F	145,802	GS E&C Corporation	2013
8 th US Army message center technology proposal	—	—	DWD	2013
8 th US Army facility integration HQ	—	—	Yooshin Architects & Engineers	2013
Sangam-dong DMC media hub center	B8F/11F	85,950	Samoo Architects & Engineering	2013
Amorepacific	B5F/22F	170,000	HAEAHN Architecture, Inc.	2014
Kyungsangbuk-do provincial government building TK	B2F/7F	125,416	Heerim Architects	2015
Incheon Nonhyeon Police station	B2F/5F	9,900	Samoo Architects & Engineering	2015
NIA new office	B1F/11F	23,590	HAEAHN Architecture, Inc.	2015

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Korail retail main office	B4F/20F	51,904	Samoo Architects & Engineering	2015
Daechi-dong Daemyung Luceen office	B2F/20F	45,195	Junglim Architecture	2016
Shinhan bank Gwanggyo building(Main,annex)	—	—	Jung Il Architecture	2016
Asseby smartwork and press center	B1F/5F	24,096	HAEAHN Architecture, Inc.	2016
Hana bank main office construction	B4F/26F	53,981	Samoo Architects & Engineering	2016
Daegu Bank Computer Center ISP Service	B1F/9F	21,168	Samoo Architects & Engineering	2016
Gyeonggi-do new government office	B4F/22F	150,793	Space Group	2017
Global Seah Building Remodeling	B7F/17F	42,879	Samoo CM Architects	2017
Sierra Leone Freetown city hall	—	26,400	Samoo Architects & Engineering	2017
USFK headquarters	—	—	DWD	2017
Samsung C&T Headquarters Relocation Project	B1F/12F	4,860	Samoo Architects & Engineering	2018
Sangam-dong landmark tower	B5F/136F	660,000	Samoo Architects & Engineering	2018
GS home shopping 2 nd office construction design change	B4F/8F	22,834	Changjo Architecture & Engineering	2018
Chinatown 2 nd stage	B6F/73F	419,100	Junglim Architecture	2018
Algeria Sidi Abdellah government office	B2F/12F	41,000	Space Group	2018
Algeria Bouinan government office	B2F/12F	41,000	Space Group	2018
Yeoksam-dong 653-2 business facility	B5/13F	5,533	HAEAHN Architecture, Inc.	2019
Hyundai Marine & Fire Insurance Co., Ltd Cheonan office construction	B6F/14F	29,739	Junglim Architecture	2019
Samsung C&T Sangil Office Building	B1F/12F	4,860	Samoo Architects & Engineering	2019
Doosan Bundang center construction	B7/27F	128,231	Gansam Architects & Partners	2019
Gasam-dong Knowledge Industry Center	B4F/15F	34,934	Mooyoung Architects & Engineers	2019
Gwangju Dong-gu Gung-dong Office Building Development	B7F/39F	70,744	Junglim Architecture	2019

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
SureSofttech Jilan Jikyo Integrated Building	B4F/12F	40,968	Samoo Architects & Engineering	2020
Anyang Donghwa Pharmaceutical Site IS Biz Tower	B2F/28F	216,059	ISdongseo	2020
Korean Air T2 IOC Construction	B1F/3F	14,834	Samoo Architects & Engineering	2020
Remodeling of LG U+ Doksan Office	B4F/10F	10,214	Changjo Architecture & Engineering	2020
Cheongju Gangseo-dong Office Building	B4F/26F	30,722	Archiline Plus	2020
Seoul Complex Thermal Power Integration Office	B9F/6F	17,726	KUNWON Architects	2020
Yeouido Parc.1 (Office)	B7F/69F	629,047	Samoo Architects & Engineering	2020
Sejong Tech Valley Project	B2F/12F	85,356	Siaplan Architects & Planners	2020
Pangyo 2nd TechnoValley D4-01BL Project	B4F/8F	9,190	Haneulyeon Architects	2020
GBC Project	B7F/105F	913,955	Hyundai Architects & Engineering Association	2020
Jeju Innovation City Complex Innovation Center	B1F/3F	7,626	Junglim Architecture	2020
Gasam-dong Knowledge Industry Center	B2F/9F	41,394	Junglim Architecture	2021
Gangnam Station Office Building	B6F/20F	15,537	Gansam Architects	2021
Gwacheon Knowledge Information Town Knowledge Infrastructure 3BL	B5F/15F	110,485	HAEAHN Architecture, Inc.	2021
Jeonju Office Building	B3F/37F	34,360	Seongsan Urban Development	2021
Construction of a firefighting complex in Chungnam	B1F/6F	19,998	Chungcheongnam-do	2021
Cheongna International City Gyeongseo-dong Office Building	B6F/22F	84,000	Junglim Architecture	2021
Cheongdam Building Complex Design Change	B3F/12F	7,603	Changjo Architecture & Engineering	2021
Hanam THE ZONE office building	B1F/3F	4,950	GruaArchitects	2022

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Magok 16 Block Lab & Office Building Construction	B2F/4F	24,650	HAEAHN Architecture, Inc.	2022
Samsung Life Seosomun Redevelopment Project	B7F/19F	216,848	Samoo Architects & Engineering	2022
S-TOWER Ground Floor Repurposing	1F	909	GlobalSea	2022
SCBK Pangyo Station Branch	1F/2F	500	Standardchartered	2022
KT&G Sangsangmadang Busan Non-Fire Watch Improvement Plan Consulting	B5F/4F	—	KT&G	2022
Magok D38BL Knowledge Industry Center	B4F/10F	37,715	ANU Architecture & Urbanism Design Group	2022
Yeongdeungpo-gu Yeouido-dong 25-11 Complex Facility	B6F/29F	79,103	DA Group Engineering	Ongoing
Yeongdeungpo 4-ga 55 and lot 1 Complex Facility	B3F/13F	13,188	High & Partners Eastern	Ongoing
Vietnam Hanoi Star Lake SNS, office design service	B3F/23F	89,000	Junglim Architecture	Ongoing
NCSOFT Sampyeong-dong Office Building	8BF/13F	165,000	HAEAHN Architecture, Inc.	Ongoing
Samsung Electronics Pyeongtaek Campus	—	994,801	Gansam Architects	Ongoing
Complex building at 801 Yangcheong-ri, Cheongju-si, Chungcheongbuk-do	B5F/49F	95,707	Yoon D&C	Ongoing
Ansan-si Gojan-dong 542-1,6 Officetel	B5F/40F	56,871	Ansan Central PFV	Ongoing
ASML Office&Industrial Center	B4F/9F	40,000	HAEAHN Architecture, Inc.	Ongoing
Daejeon Dong-gu Won-dong 96BL Business Facility	B4F/40F	77,478	Ipop Engineering Architects	Ongoing
Remodeling NAVER Green Factory	B7F/28F	101,880	Samoo Architects & Engineering	Ongoing
Suwon Goseok 2 District C1 Block Office complex	B4F/14F	87,012	BOWON	Ongoing
KT&G Sejong Printing Plant	B1F/5F	70,448	KT&G	Ongoing

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Busan Bukhan Port B-3-1, 2BL Development Project	B4F/25F	147,128	Bukhang Media Complex PFV	Ongoing
Seongnae-dong 48-1 officetel development project	B6F/20F	23,758	Cobblestone Co.	Ongoing
Dunsan-dong Office Space in Daejeon 917,918,919	B8F/47F	87,580	RBDK	Ongoing
Urban renewal type redevelopment project in District 1, Myeongdong District, Jung-gu, Seoul	B8F/20F	41,969	Capstone Myeongdong PFV	Ongoing
Seosomun District 11,12 Improvement Plan Public Hall	B3F/11F	6,473	Civic Center PFV Inc.	Ongoing
Seoul Magok D18-B Knowledge Industry Center	B4F/10F	75,041	Gyeryong Construction Industry Co.	Ongoing
Goyang City Jijuk District Urban Support Facility B2-1 Block Complex	B6F/8F	261,635	NR HOLDINGS	Ongoing
Seongsu-dong Business Complex	B5F/17F	11,616	Playground Sungsu Co.	Ongoing
Yeoksam-dong 832-21 Business Facility	B7F/17F	30,000	Astor Development No.11 Yeoksam	Ongoing
Seongsu-dong 2-ga 279 business facility firefighting Design service	B7F/11F	36,068	Samwon PFV Co., Ltd.	Ongoing
Hines Quantum Landmark Tower Busan	—	183,094	PA Hines Quantum Landmarkta Wo Busan General Private Real Estate Investment Company	Ongoing
SAM (SAMOO Assembly Modular product development	3F	130	Samwoo Architects & Engineers Office	Ongoing
Gyeongdong redevelopment project firefighting theory Total service	B3F/36F	203,252	Korea Land Trust Co., Ltd.	Ongoing

Fire Protection Facility Design Performance

► Transportation, aircraft and automotive facilities, broadcasting and telecommunications facilities

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Yeongjongdo new airport ancillary building basic design	—	—	Shinhan A&E/Archiplan Inc.	1993
Yeongjongdo new airport passenger terminal working design	B2F/4F	474,988	KBHJW consortium	1993
Incheon Int. airport private capital business (hanger and 3 others)	—	277,550	Shinhan Architects & Engineers Co., Ltd	1997
Incheon Int. airport transportation center	B3F/2F	293,700	Samoo Architects & Engineering	1997
Incheon Int. airport cargo terminal "A"	—	120,955	Shinhan Architects & Engineers Co., Ltd	1997
Incheon Int. airport ACC	B1F/3F	—	Shinhan A&E/Archiplan Inc.	1998
Incheon Int. airport ground equipment repair facility "A"	B1F/3F	11,500	Shinhan Architects & Engineers Co., Ltd	1998
Seoul-Busan high speed railway east Daegu station	B1F/5F	11,890	Suh-han Architects & Engineers Inc.	1999
Seoul-Busan high speed railway Gumi station	B1F/5F	13,579	Anse technologies Co., Ltd	1999
Incheon Int. airport customs cargo office	B1F/4F	11,520	Archiplan Inc.	2000
External agency request facility outdoor SITE design(5 site)	B1F/3F	75,975	Archiplan Inc.	2000
Seoul-Busan high speed railway Gwangmyeong station	—	—	Mooyoung Architects & Engineers	2001
Seoul-Busan high speed railway Gyeongju station	B1F/4F	32,670	POS-AC	2002
Anyang pipe utility conduit fire protection system design	B1F	Total length 10km	Anyang	2002
Gunpo pipe utility conduit fire protection system design	B1F	Total length 4.75km	Gunpo	2003
Incheon Int. airport embark site A	B2F/5F	163,682	Keunjeong/Shinhan	2004
Gimpo WTA airline complex	13 sites	27,984	Hyewonkaci Architects	2006
Seongnam~Yeoju line Pangyo station	2F	23,100	Han-guk Architects & Engineers	2006
KAL 2 nd cargo terminal	B1F/3F	810,390	Archiplan Inc.	2006
Ilsan MBC broadcasting production center	B4F/15F	330,000	Samoo Architects & Engineering	2007
ShinBundang line Gangnam~Jeongja(6 stations)	6 stations	—	Sambo Engineering Co., Ltd	2007

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Shinbundang line control room	B4F/9F	7,714	Han-guk Architects & Engineers	2007
KBS Jeonju Station	B1F/9F	13,200	Samoo Architects & Engineering	2008
NH computing and information center T/K basic design	B4F/20F	91,410	Samoo Architects & Engineering	2012
Samsung SDS Suwon Center Server Room Expansion -6F	6F	41,910	Seed Architects	2012
Kepeco Headquarters New Building (Integrated ICT)	B2F/31F	13,662	BAUM Architects	2012
Philippines Puerto Princesa airport	3F	15,800	Junglim Architecture	2013
SDS Sangam Center	B5F/12F	79,339	Samoo Architects & Engineering	2013
Jamsil station transfer center	B1F	16,529	Lotte Engineering & Construction	2014
Gimhae airport International line office expansion	B1F/3F	147,612	Keunjeong Architects & Engineers	2014
Hankook Tire Busan distribution center	-	-	Hankook Tire	2015
Incheon port passenger terminal	B1F/4F	52,800	Junglim Architecture	2016
Serveone Pyeongtaek central HUB center	3F	35,605	Changjo Architecture & Engineering	2016
Daegu subway Line 1 platform safety door	B3F/B1	69,528	Daegu metropolitan transit corporation	2016
Line 6,7 Eungam and other 19 stations	20 Stations	41,876	Seoul metropolitan rapid transit corp.	2016
Asbestos removal and facilities improvement of 3 stations including Samseong station	3 Stations	-	Seoul Metro	2016
Incheon Cheongna Hana Financial Group Integrated Data Center	B1F/15F	66,116	Samoo Architects & Engineering	2016
Conceptual design of KB Integrated Main Computer Center	-	39,670	Samoo Architects & Engineering	2016
Daegu Bank DGB Innovation Center	B1F/7F	21,168	Samoo Architects & Engineering	2017

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
NAVER Business Platform Data Center	B7F/28F	26,446	Samoo Architects & Engineering	2017
Improvement of firefighting facilities at three substations including Line 3 Express Terminal Station	B3F	39,315	Seoul Metro	2019
Renovation of old smoke detectors at 10 stations including Sindang Station on Line 2	B4F	10 Stations	Seoul Metro	2019
Improvement of fire-fighting equipment in electrical rooms at 5 stations including Seoul Station on Line 1	—	5 Stations	Seoul Metro	2019
Line 5 Magok Station Access Facilities	B2F	7,933	Seoul Metro	2019
Heuksan Airport LandSide	2F	6,156	Korea Airports Corporation	2019
Improvement of fire-fighting equipment in electrical rooms at 5 stations including Seoul Station on Line 1	—	5 Stations	Seoul Metro	2019
Gimpo Airport Cargo Terminal Canopy Area Firefighting Facility Improvement Design Service	B1F/1F	14,966	Korea Airports Corporation Seoul	2019
Improvement of firefighting facilities at three substations including City Hall Station on Line 1	B2F/B5	99,311	Seoul Metro	2019
Improvement of firefighting facilities at three substations including Line 3 Express Terminal Station	B3F	39,315	Seoul Metro	2019
Renovation of old smoke detectors at 10 stations including Sindang Station on Line 2	B4F	10 Stations	Seoul Metro	2019
Mokdong Community Center Automated Re-Detection System Improvement Construction Design Service	—	—	Seoul Facilities Corporation	2019

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Wolgot-Pangyo Double Line Railway Tool 1 Construction (TK)	—	—	Dongmyeong Technology Corporation Architects & Engineers	2019
Line 4 Chongshin University and 8 other stations Improvement of Old Smoke Control Facilities Implementation design service	—	8 Stations	Seoul Metro	2020
30 stations including Sindorim Station on Line 2 Floor passage guiding light improvement work Design services	—	30 Stations	Seoul Metro	2020
Gwangmyeong Station Automated Re-Detection System Improvement and other construction design services	B2F/2F	78,495	Korea Railroad Corporation	2020
Diagnostic services for refueling community fire facilities	—	—	Incheon International Airport Corporation	2020
Transit Center 1 Fire Protection Design Services for Improvements	—	—	Incheon International Airport Corporation	2020
Incheon Airport Terminal 2 Expansion Project	B2F/4F	315,986	Samoo Architects & Engineering	2020
Improvement of firefighting equipment in electrical rooms at 6 stations including Josu-dong Station	—	—	Seoul Metro	2021
Basic and implementation design services for the creation of a public parking lot for Cheonhyun-dong Dream Park	—	—	Haenglim Architects	2021
Daegu Airport Passenger Terminal Expansion and Remodeling	B1F/3F	16,090	Korea Airports Corporation Seoul	2021
Sammi Complex Center, Sincheon-dong, Siheung (parking lot, etc.)	4F	3,235	Haenglim Architects	2021
Hyundai Steel Hanmungwan Steel Parking Lot	2F	2,745	Hyundai Steel Co.	2021
Jeju International Airport Control Building Project	B1F/4F	18,317	Ministry of Land,Infrastructure, and Transport Jeju Regional Aviation Authority	2021

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Facility Improvements Fire Protection Design Services	—	—	Incheon International Airport Corporation	2021
Incheon International Airport 2020 Design Services for Passenger Terminal Fire Protection Improvement Project	—	—	Incheon International Airport Corporation	2021
Incheon Airport Phase 4 LandSide	—	—	Incheon International Airport Corporation	2022
Improved firefighting facilities at 2 substations including Maebong Station	—	—	Seoul Metro	2022
Capital Land Data Center	B3F/7F	22,415	Samoo Architects & Engineering	2022
Hwaseong City Hall Parking Tower Construction	2F	7,904	Gyeonggi-do Hwaseong-si	2022
Fire protection System Design & Life safety Consulting for Equinix Data Center(SL3x)	B3F/7F	22,027	Capital Land Korea No. 9	2022
Gassan Data Center	B2F/10F	39,691	Gasam Landmark Data Center PFV Co.	2022
Expansion of HaeSung DS Parking Building	B1F/5F	17,978	HaeSung DS Co	2022
Design service for replacement of halogenated chemical fire extinguishing equipment related to the Severe Accident Punishment Act	—	—	Seoul Metro	2022
Gimpo Airport Domestic Terminal and New Cargo Building Fire Fighting Facility Improvement Design Service	B1F/5F	10,604	Korea Airports Corporation Seoul	2022
Cheonan Auto Arena	B3F/4F	77,203	Samwoo CM Architects & Engineers	2022
The Ampersand 101 Project	B4F/8F	63,471	WDC Holdings, Inc.	Ongoing
Yongin Gorim-dong Logistics Center	B4F/4F	46,866	Daonmeet Inc.	Ongoing

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Parking building at 801-1 Yangcheong-ri, Cheongju-si, Chungcheongbuk-do	B3F/27F	31,101	Yoon D&C	Ongoing
Guro Data Center	B4F/8F	22,500	Blue Ribbon Development Co.	Ongoing
Bucheon Chunui-dong 65-2 Data Center New Construction	B4F/6F	47,463	Capstone Infrastructure Reflective Investment Company Issue 4 Eligibility	Ongoing
CLK 12 Fire Protection Design Services	—	20,400	CapitaLand Korea No. 12 General Private Real Estate Investment Company	Ongoing
CLK 13 Fire Protection Design Services	—	19,200	CapitaLand Korea No. 13 General Private Real Estate Investment Company	Ongoing
Sinbusan Hi-tech Center Construction	B5F/8F	63,251	Hyundai Motor Co.	Ongoing
Jeju 12.5MW Green Hydrogen Production Demonstration Facility Infrastructure	—	—	KOSPO	Ongoing
Samsung Electronics Egypt Mobile Phone Factory	2F	38,466	Samoo Architects & Engineering	Ongoing
Samsung Electronics Pyeongtaek Technological Center Parking Building	B1F/7F	57,749	DA Group Engineering	Ongoing
Haesung DS N-Project	B1F/6F	45,300	HaeSung DS Co	Ongoing
Firefighting design and performance-oriented service for Seobu T&D Urban High-Tech Logistics Complex Development Project	—	789,111	Seobu T&D Co., Ltd.	Ongoing
Goseong Donghae Jangjwa-Yangchon National Road Construction Construction basic and detailed design services	—	—	Ministry of Land, Infrastructure and Transport Busan Regional Construction Management Office in progress	Ongoing
Daegu High-Tech Center New Construction	—	—	Hyundai Motor Co., Ltd.	Ongoing
Ulsan High-Tech Center New	—	—	Hyundai Motor Co., Ltd.	Ongoing

Fire Protection Facility Design Performance

Construction				
Harim Yangjae Urban High-Tech Logistics Complex Design Service	—	1,407,907. 4	DA Group Engineering Co., Ltd.	Ongoing
Lotte Mall Hanoi	—	—	Lotte Properties Hanoi	Ongoing
New construction of Northern High-Tech Center	—	—	Hyundai Motor Co., Ltd.	Ongoing
Line 5 Hwagok, Olympic Park substation old power facility improvement firefighting construction detailed design service	—	—	Seoul Transportation Corporation	Ongoing
Incheon Airport Terminal 2 Korean Air Firefighting design service for lounge expansion construction	—	—	Korean Air Co., Ltd.	Ongoing
Eumseong Gamgok-myeon Sanguri district unit Planning area logistics center firefighting design and performance-oriented design service	B3F/4F	194,787	Gian D&I Co., Ltd.	Ongoing

Fire Protection Facility Design Performance

► Factory and Storage

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Taeon thermal power plant 1~6	B1F/7F	500MW×6	KEPCO E&C	1990
Hadong thermal power plant 1~6	B1F/7F	500MW×6	KEPCO E&C	1991
Gunsan Daewoo car factory commercial vehicle line	3F	428,330	Daewoo Coporation	1993
Dangjin thermal power plant 1,2,3,4	B1F/7F	500MW×4	KEPCO E&C	1994
Donghae thermal power plant stage 1,2	B1F/6F	500MW×2	KEPCO E&C	1994
West Incheon combined-cycle power plant stage 3,4	B1F/3F	229MW×12	KEPCO E&C	1994
Sangju railway vehicles factory	3F	56,100	Shinhan Architects & Engineers Co., Ltd	1995
Anam industry Gwangju factory construction	B1F/5F	201,300	U-il architects & engineers	1995
Samsung Heavy Industries Co. Ltd Samsung motors Daegu factory	B1F/2F	66,801	Samoo Architects & Engineering	1995
Samsung Busan car factory	1F	165,402	Samoo Architects & Engineering	1995
Korea Marbell factory	B1F/5F	36,372	Ilseung Architecture	1995
Paju semiconductor factory	B1F/3F	30,525	Sangji Architecture & Engineering	1995
Cheil synthetic textiles Gumi CFP-7 factory	4F	122,175	Samoo Architects & Engineering	1995
Samsung motors Busan car factory	B2F/15F	41,910	Samoo Architects & Engineering	1996
Joongang Ilbo Co.,Ltd Ansan factory	B8F/8F	23,100	Samoo Architects & Engineering	1996
Ilsan apartment style factory	B2F/10F	93,911	Space Group	1996
Samsung aerospace Sacheon component factory	3F	30,624	Samoo Architects & Engineering	1996
Jinju Sangpyeong cogeneration plant	B1F/3F	—	Hyundai Engineering Co., Ltd	1998
Samsung K9-LINE	5F	11,946	Samoo Architects & Engineering	1999
Sehan electools ansung factory	3F	8,425	Samoo Architects & Engineering	1999
Samsung Hwaseong industrial estate	—	173,382	Samoo Architects & Engineering	1999
Samsung cheonan CS-PROJECT	—	44,550	Samoo Architects & Engineering	1999
Samsung Giheung semiconductor factory 10,11LINE	B1F/5F	93,100	Samoo Architects & Engineering(Giheung)	2000

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
(CS-PROJECT) L-LINE	B1F/6F	135,507	Samoo Architects & Engineering(Giheung)	2000
Mapo incineration plant TK	B2F/4F	26,400	Samwoo/Seonjeon	2001
Dr.Chung's food Co., Ltd Cheongju factory expansion	B1F/2F	4,620	U-il architects & engineers	2001
Daewoo motor company Changwon engine factory	2F	54,780	Hankil Architects & Engineers	2001
Autoliv Korea	3F	11,361	U-il architects & engineers	2001
Busan Noksan factory construction	2F	19,600	Hankil Architects & Engineers	2001
T-PROJECT memory laboratory	B1F/7F	19,800	Samoo Architects & Engineering	2002
Ottogi Eumseong factory expansion	B1F/3F	41,522	U-il architects & engineers	2002
Pyeongtaek LCD factory construction	B1F/6F	128,590	Samoo Architects & Engineering	2002
Kori,Wolsong Nuclear power plant authorization design	—	—	KEPCO E&C	2002
Cheonan CFC 6LINE	—	—	Samoo Architects & Engineering	2003
Guro-dong apartment style factory	B2F/15F	56,100	Suh Architects	2003
LG Electronics Sinpyeong dormitory	B1F/10F	42,958	Changjo Architecture & Engineering	2003
Hanmi Chemical Pyeongtaek factory	5F	6,092	U-il architects & engineers	2004
PH-2 CAPA UP Samsung Cheonan 6LINE	B1F/6F	16,500	Samoo Architects & Engineering	2004
Samsung Suwon R4 Project	B3F/40F	181,500	Samoo Architects & Engineering	2004
Samsung Giheung 12,13LINE	7F	212,190	Samoo Architects & Engineering	2004
Onyang DP Center Sprinkler	B2/7F	268,250	Samsung C&T	2004
Samsung Hwaseong area G-PROJECT	3F	92,268	Samoo Architects & Engineering	2004
Samsung Gumi establishment S/S	B1/5F	363.18	Samwoo hitech	2004
Samsung Tangjeong 7LINE	B1/3F	—	Samoo Architects & Engineering	2004
LG Electronics Gumi 3 PDP construction	B1F/4F	46,200	Changjo Architecture & Engineering	2004
HINIX T-1 PROJECT	B1F/4F	39,600	Hyundai Architcts & Engineers Association	2004
Samsung Tangjeong T-7 finishing construction	B1F/8F	561,000	Samoo Architects & Engineering	2004

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Yuhan-Kimberly Gimcheon factory expansion	1F	3,000	Yuhan-Kimberly Gimcheon factory	2004
Libya gas plant	B1F/2F	32,000	Hankil Architects & Engineers	2004
Hyundai motor company Yangjae office	B2F/21F	63,986	Jong Hyun Engineering & Architects	2005
LG Philips LCD P7	B2F/14F	1,019,227	Changjo Architecture & Engineering	2005
Samsung Giheung SLSI technology office	B1F/6F	166,702	Samoo Architects & Engineering	2005
Samsung Onyang PROJECT finishing construction	B1F/6F	34,749	Samoo Architects & Engineering	2005
Samsung Giheung 13LINE	B1F/7F	21,000	Samoo Architects & Engineering	2005
Samsung Onyang factory sprinkler design	1F	9,000	Samsung C&T	2005
Chilseo distribution center construction	1F	16,363	Dongbang Engineering	2005
Heesung electronics Paju factory construction	2F	73,917	Changjo Architecture & Engineering	2005
GM Daewoo Gunsan engine factory	2F	23,873	Daewoo Engineering	2005
Lotte Data Communication apartment style factory	B2F/17F	33,058	Junglim Architecture	2007
Pyeongtaek K2 PROJECT	B1F/3F	29,000	Samoo Architects & Engineering	2007
Taeon thermoelectric power plant 7,8 expansion	B1F/7F	—	Hyundai Engineering Co., Ltd	2007
Incheon combined-cycle power plant	B1F/3F	—	KEPCO E&C	2007
Samsung Gumi 2 nd business place dormitory D	B1F/19F	23,298	Samwoo hitech	2007
Dongwoo STI K3-PROJECT	B1F/5F	14,850	Samoo Architects & Engineering	2007
Doosan heavy industry Changwon factory	2F	99,174	Doosan heavy industries & construction	2007
Korea aerospace industry aircraft assembly	B1/2F	4,312	Samsung Everland	2008
LG Cable & System Donghae factory	B1/6F	46,679	A group international	2008
SK energy LIBS Cheongju factory	B1F/3F	13,223	Daewoon Architects & Engineers	2008
TG-K4 expansion	3F	33,620	B-one E&C	2008
Samsung Giheung 16Line	—	—	Samoo Architects & Engineering	2008
Samsung Vietnam SEV-project	2F	145,000	Samoo Architects & Engineering	2009

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Dubai pos-jk cannery	2F	20,300	Daewoo Engineering	2009
Boryeong thermoelectric power safety center technology	1F	–	KEPCO E&C	2009
NH T/G K-1 Project	5 sites	10,307	G sell E & C	2009
LS Sanjeon Busan Factory	1F	42,966	Daewoo Engineering	2009
Uju electronics factory construction	B1F/2F	27,960	Daisung Architects & Engineers	2010
Innox Asan new factory	B1F/3F	20,403	Daewoo Engineering	2010
Vietnam SEV wireless production 3 rd	2F	16,500	Samoo Architects & Engineering	2010
Dau OLED(Rainbow project)	1F/2F	4,406	Daewoo Engineering	2011
Samsung Giheung 8th line 12inch alteration	6F	219	Samoo Architects & Engineering	2011
Samsung Giheung G1	–	13,435	Samoo Architects & Engineering	2011
Samsung Tangjeong T-8	B1F/9F	483,000	Samoo Architects & Engineering	2011
Algeria fertilizer factory	2F	33,000	Daewoo E&C	2011
Yeonggwang, Ulin nuclear power plant substitution plant	B1F/3F	1,700	Gumsung Fire & Security	2011
Hyundai steel Dangjin factory integrated steel mill	–	3,934,400	Hanteoin / Daiken	2011
Cheil industries PC film 2 line expansion	2F	12,562	A group international	2011
JSR MK Ochang factory remodeling	4F	4,734	Daewoo Engineering	2011
Kaboat Osung factory	4F	5,333	Daewoo Engineering	2011
Samsung mobile display A3	B9F/1F	40,000	Samoo Architects & Engineering	2012
Samsung Giheung 15,16 Line	B1F/8F	283,800	Samoo Architects & Engineering	2012
Serveone Gumi HUB Logistics Center	B1F/2F	13,327	A group international	2012
Hyundai Glovis KD center Ulsan	B1F/10F	37,976	Hyundai Amco	2012
Samsung Gumi 2 Factory Technical Dong	B4F/20F	125,400	Samoo Architects & Engineering	2012
LS cable & system Busan factory	2F	43,000	A group international	2012
Philip Morris Yangsan factory	4F	7,215	PB Korea	2012

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Samsung mobile display A2 Phase-Ⅱ	—	—	Samoo Architects & Engineering	2012
LG electronics Changwon sprinkler maintenance	—	—	LG electronics	2012
LG electronics Changwon 1 st factory B3 expansion	4F	6,700	Dongbang Engineering	2012
LG electronics Brazil factory	2F	43,000	G sell E&C	2012
New Wolseong substitution AC generator extension	1F	171,395	KEPCO E&C	2012
Wolseong 1 FHA follow-up	—	—	KEPCO E&C	2012
Samsung SDI Malaysia CELL Factory	1F	4,300	Samoo Architects & Engineering	2012
Vietnam SEV Wireless production 4Dong	2F	26,400	Samoo Architects & Engineering	2012
Indonesia MERAK power plant	—	—	Daewoo Engineering	2013
LG electronics LCD Pyeongtaek TV factory	2F	31,534.91	A group international	2013
Hyundai Hysco Dangjin factory	B1F/3F	47,000	Hyundai Architects & Engineering Association	2013
Hyundai steel Dangjin sintering · firing factory	—	—	Hyundai Architects & Engineering Association	2013
Yangsan PMK WAREHOUSE construction	—	—	—	2013
Samsung Suwon substation	B1F/2F	3,306	Samoo Architects & Engineering	2013
Lotte B-Project	B1F/4F	76,601	Lotte Engineering & Construction	2013
Samsung Vietnam SEV corporation parts 4Dong	—	—	Samoo Architects & Engineering	2013
Operating nuclear power plant fire protection facility design change detail service	—	—	KOSSEN	2013
Hana Micron BUMP Line	—	—	AD Tech Architects	2013
SDC Asan A2, V1 Cooling Tower Sprinkler	—	—	Samsung Everland	2013
Gimje free trade area standard factory	B1F/5F	35,150	Samoo Architects & Engineering	2014
STS Semiconductor communication B-Project	—	—	AD Tech Architects	2014
LG Electronic Brazil Manaus Factory	—	60,000	LG Electronic	2015
LG Electronic Gasan Mock Up Laboratory expansion	—	190,091	A Group International	2015
WoojinPlaimm Chungbuk Boeun Factory	—	149,000	KUNWON Architects	2015

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Hankook tire Geumsan/Daejeon factory	—	—	Hankook Tire	2015
Operating nuclear power plant CO2 extinguishing system performance improvement and tech suggestion service	—	—	KEPCO E&C	2015
Incheon airport express cargo center	3F	35,700	Samoo Architects & Engineering	2015
Dangjin Steelworks Underground Curvert	—	—	DaeJong Engineering	2015
LG Electronics Brazil Factory	8개동/2F	52,684	A Group International	2015
Doosan heavy Nuclear power I&C Gunpo Factory	—	20,293	Gansam Architects	2015
Samsung Vietnam SEVT Metal	2F	165,290	Samoo Architects & Engineering	2015
VOLVO Group Changwon	2F	1,000	VOLVO Korea Co., Ltd	2015
Samsung China TEN Assembly	5F	59,881	Samoo Architects & Engineering	2015
Samsung China TEN Project BIM	B1F/4F	68,628	Samoo Architects & Engineering	2015
China SSL-FIC Project Ph2	4F	141,700	Samoo Architects & Engineering	2015
LG electronics Pyeongtaek Jinwi chiller factory	3F	42,889	Changjo Architecture & Engineering	2016
Thailand PTT phenol TRAIN II	—	—	POSCO engineering	2016
Operating nuclear power plant total and general design fire protection counsel	—	—	Samy Industrial Co., Ltd	2016
Seongnam CK	B3F/5F	39,948	E.LAND Constuction Inc.	2016
Samsung SDI China polaroid film	—	53,890	Samoo Architects & Engineering	2016
Hyundai motor company Asan factory computerization	—	372,910	Hyundai Architects & Engineering Association	2016
Wolsong 1 SCA Auto fire extinguishing system mechanical area	—	—	KEPCO E&C	2016
Samsung Pyeongtaek P-Project FAB	B1F/8F	761,420	Samoo Architects & Engineering	2017
Kori 2 Refuge Rule or Fire subjugation Rule	—	—	KEPCO E&C	2017
Kia motors Soha factory computerization	—	441,880	Hyundai Architects & Engineering Association	2017
Emergency diesel generator room sprinkler performance test	—	—	KNHP Co., Ltd	2017
2016 system design fire suppression facility design service	—	—	KEPCO E&C	2017

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Samsung Vietnam SEV site renovation	–	432,115	Samoo Architects & Engineering	2017
Samsung Vietnam SEVT 16 years renovation	1F	1,158,960	Samoo Architects & Engineering	2017
Samsung display Asan 1 7L T-PJT	8F	380,000	Samoo Architects & Engineering	2017
Samsung Hwasung 16–2 PJT	B1F/12F	164,942	Samoo Architects & Engineering	2017
Samsung Cheonan 5 Line	B1F/5F	246,176	Samoo Architects & Engineering	2017
Light water reactor fuel extension fabrication facility design and engineering service	–	–	Hyundai Engineering Co., Ltd	2018
Hwaseong Dongtan distribution center	–	776,529	KUNWON Architects Planners Engineers	2018
Comprehensive design service for new research reactor facilities for export	–	–	Sunwoo Plant Engineering	2018
Hanbit 3 and Hanul 3,4 main transformer	–	–	KEPCO E&C	2018
Wolsong HQ storage battery fire facility design service	–	–	KEPCO E&C	2018
Operating nuclear power plant CO2 performance improvement	–	–	KEPCO E&C	2018
Samsung display Asan 2 E-PJT	B1F/9F	58,181	Samoo Architects & Engineering	2018
K-PJT finishing construction	–	690,218	Samoo Architects & Engineering	2018
Hanbit 3,4 temporary storage suppression system design	–	–	KEPCO E&C	2018
Laos hydroelectric power plant	–	19,000	Dohwa Engineering	2018
Samsung Display Asan N-PJT	–	–	Samoo Architects & Engineering	2018
Samsung Pyeongtaek P-Project FAB Upper west side	B1F/9F	229,800	Samoo Architects & Engineering	2018
Samsung Pyeongtaek P2 Line	B1F/9F	763,838	Samoo Architects & Engineering	2018
Servone MRO Logistics Center	1F/2F	13,223	Changjo Architecture & Engineering	2019
Kolon Life Chungju	3F	16,238	Changjo Architecture & Engineering	2019
LG Innotek Vietnam V2 Project	2F	54,572	Changjo Architecture & Engineering	2019
SK Innovation Susan Battery 2 Factory	4F	38,856	Gawon Architects	2019
Ulsan Export 3 Logistics Automation Warehouse	–	–	Hyundai Engineering	2019
Samsung Hwasung E-PJT	B1F/10F	284,725	Samoo Architects & Engineering	2019

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Asan, Cheonan renovation in the first half of 2018	B1F/8F	1,737,380	Samoo Architects & Engineering	2019
Gihung, Hwaseong renovated in the first half of 2018	B1F/8F	3,332,329	Samoo Architects & Engineering	2019
Wolseong Unit 3 SDG room and Unit 3 and 4 building heating system room fire detectors	—	—	KEPCO E&C	2019
China SCS 2018 Renovation	B1F/5F	435,750	Samoo Architects & Engineering	2019
LGD Vietnam Hai Phong Module Building H2	2F	260,000	Changjo Architecture & Engineering	2019
POSCO ESM Gwangyang Secondary Battery Cathode Material Plant	—	—	POSCO E&C	2019
MEMC P—Project New Plant	B1F/3F	16,900	Changjo Architecture & Engineering	2019
Lam Research Osan Plant FM GLOBAL STANDARD	B1F/3F	6,862	Lam Research Manufacturing Korea	2019
Vietnam SEVT 2018 renovation	B1F/3F	1,158,960	Samoo Architects & Engineering	2019
LGCWA Poland Battery Plant Phase 3	—	299,836.36	Gansam Architects	2019
Vietnam Haiphong dormitory	5F	18,618	Changjo Architecture & Engineering	2019
Homeplus Gyesan branch GHS Fulfillment Center	B2F/5F	51,727.58	Homeplus Stores	2019
Dutamol repurposing and algebraic lines	B7F/34F	122,586.80	Dutamol Co.	2019
Dongtan Logistics Complex C Block	—	—	Halla Corporation	2019
GS Caltex Yeosu Plant Jungheung Material Warehouse	B1F/2F	19,669	Changjo Architecture & Engineering	2019
Pyeongtaek Electronics P2—PTJ Green—dong	—	—	Samsung Engineering	2019
Gori 3,4 Unsafe Computer Room Fire Suppression Equipment	—	—	KHNP	2019
MEMC Project—P1 Factory 2 New Construction	3F	2,975	Changjo Architecture & Engineering	2019
[SK Hynix Semiconductor (China) Limited] Restaurant Construction Process	3F	12,450	Junglim Architecture	2019
Samsung SDI Tianjin TSDI Factory 2	B1F/3F	95,088	Samoo Architects & Engineering	2019
Hanbit Units 1 and 2 Unsafe Computer Room Fire Suppression Equipment	—	—	KHNP	2019
Detailed design and supervision of fire protection facilities for coal handling facilities at Yeongheung #1~4	—	—	Korea Namdong Power Co.	2020

Fire Protection Facility Design Performance

Building Name		Size		Ordering Organization	Finished Year
		Floors	Area(m ²)		
Samsung Electronics Hwaseong V1L PH2(E-PJT Lower East Side)		B1F/10F	35,954	Samoo Architects & Engineering	2020
Demolition and relocation of SEVT Parts Building 3 in Samsung Electronics Vietnam		1F	1,158,960	Samoo Architects & Engineering	2020
Samsung Electronics Vietnam SEVT 20-year renovation		–	1,158,960	Samoo Architects & Engineering	2020
Samsung SDI Tianjin Plant Polymer Expansion Project (MEP)		2F	6,118	Samoo Architects & Engineering	2020
Samsung Display SSM Corporation M-PJT Predesign		–	23,140	Samoo Architects & Engineering	2020
SDC Vietnam SDV subsidiary renovation		3F	27,580	Samoo Architects & Engineering	2020
Seongnam Industrial Complex Knowledge Industry Center REIT Business Private Business		B4F/24F	85,000	Junglim Architecture	2023
Lam Research Korea Osan Plant Dadong Expansion		B1F/4F	7,163	Lam Research Manufacturing Korea	2020
X2 Atmospheric Protection PH1 and PH2 Fire Apparatus Design (2D) – Mechanical		–	–	Samsung Engineering	2020
X2 Atmospheric Protection PH1 and PH2 Fire Apparatus Design (2D) – Electrical		–	–	Samsung Engineering	2020
S3–V Lower East Finish		–	–	Samsung Engineering	2020
P3 Water Treatment Plant Fire Protection Design		–	–	Samsung Engineering	2020
Samsung Electronics Pyeongtaek 1st Welfare Building 5F Training Center Construction		5F	–	Samco Construction Co.	2020
Fire protection electrical design services as part of a comprehensive design project for a new research reactor facility for export		–	–	Sunwoo Plant Engineering Co.	2020
Proper Fire Extinguishing for 154KV Power Districts Construction Technical Services		–	–	Korea gas corporation	2020
Production Base Substation Fire Extinguishing System Improvement Services		–	–	Korea gas corporation	2020
LG Display Paju P10	FAB	B4F/11F	1,123,967	Changjo Architecture & Engineering	2020
	ADMIN	B1F/6F	37,687		
China SCS 2019 Renovation		B1F/5F	435,750	Samoo Architects & Engineering	2020
19 years of renovation in Giheung, Hwaseong		B1F/8F	3,332,314	Samoo Architects & Engineering	2020
Andong Bonghwa Livestock Cooperative General Distribution Center		B1F/3F	15,233.73	Andong Bonghwa Livestock Industry Cooperative	2020

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Construction of new pipelines and depots around the country	–	Storage Tanks 10 In/Out 84	Saman Corporation	2020
Pyeongtaek 19–year renovation	B1F/9F	776,561	Samoo Architects & Engineering	2020
Cheonan L6–Project Transition Design	6F	106,321	Samoo Architects & Engineering	2020
Renovation of Asan and Cheonan in 19	B1F/8F	1,737,380	Samoo Architects & Engineering	2020
1 Hanbit and 2 Gori water–based fire extinguishers	–	–	KHNP	2020
SK Battery America Project Phase1	–	128,390	MAP Hanterin Architects & Engineers	2020
2020 Non–Secure Production Support Facility Design services for renovations	–	–	Heerim Architects	2020
LG Chem Poland Automotive Battery Integration Building 3	3F	305,409	Gansam Architects	2020
China Suzhou SSL M–PJT Line Retrofit	–	26,446	Samoo Architects & Engineering	2020
LG Electronics Changwon 1 Factory Advancement Project	3F	174,420	Changjo Architecture & Engineering	2020
Comprehensive design service for new type research reactor and facilities for export (fire electricity)	–	–	Daewoo E&C	2020
Design and technical services for optimal improvement of firefighting facilities at Boryeong Complex Power Plant	–	–	KOMIPO	2021
Pyeongtaek Electronics P2–PJT Antistatic	–	–	Samsung Engineering	2021
Pyeongtaek P2L EUV Building New Construction	B1F/8F	102,480	Samoo Architects & Engineering	2021
Xian, China X2–PJT (PH2) Finishing Construction	B1F/4F	486,000	Samoo Architects & Engineering	2021
SDC India Modular Building Construction	1F	234,363	Samoo Architects & Engineering	2021
Asan 8L C–PROJECT Retrofit	B1F/8F	234,710	Samoo Architects & Engineering	2021
Singapore Smart Factory	3F	80,189	Hyundai Architects & Engineers	2021
Relocation of Nonghyup Chemical business site integration	B1F/6F	82,978	Changjo Architecture & Engineering	2021
GC Green Cross Living Jincheon Plant	B1F/2F	16,439	Changjo Architecture & Engineering	2021
Samsung Electronics Pyeongtaek P2–Ph3 Lower Floor Finishing Work	B1F/9F	170,918	Samoo Architects & Engineering	2021

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Samsung Electronics Pyeongtaek P2-Ph4 Finishing work on the east side of the lower floor	3F	157,449	Samoo Architects & Engineering	2021
Samsung Electronics Pyeongtaek P2L EUV Building Ph2 Finishing work	B1F/10F	219,800	Samoo Architects & Engineering	2021
Samsung Display Asan, Cheonan 20-year renovation	—	1,737,380	Samoo Architects & Engineering	2021
Samsung Electronics Pyeongtaek 20-year renovation	—	776,562	Samoo Architects & Engineering	2021
Samsung Electronics Pyeongtaek P2-Ph2 Finishing work on the east side of the upper floor	—	243,573	Samoo Architects & Engineering	2021
Samsung Electronics China SCS 2020 Renovation	4F	435,750	Samoo Architects & Engineering	2021
EP Project in Indonesia Design Services (Fire Protection)	3F	18,810	Jungil Engineering	2021
General design (mechanical) for the first operating nuclear power plant in 2020 Fire protection design consulting services	—	—	Taeyang Engineering	2021
Pyeongtaek Electronics P2-PJT Green-dong	—	—	Samsung Engineering	2021
Hwaseong Green Building 2 Fire Protection Design	—	—	Samsung Engineering	2021
EUV V2 Finishes and Cabinets Fire Protection Electrical	—	—	Samsung Engineering	2021
S3-V Atmospheric Fire Protection Design	—	—	Samsung Engineering	2021
Al Zor Refinery Project	—	—	Sunwoo Plant Engineering	2021
First Operating Nuclear Power Plant in 2020 General Design (General) Fire Protection Detailed Design Services	—	—	KEPCO E&C	2021
Technical consultation for the installation of automatic fire extinguishing equipment in the women's room with one shinuri	—	—	KEPCO E&C	2021
Technical consultation for the installation of seismic fire detection facilities for the follow-up of the stress test of the Gori Unit 1	—	—	KEPCO E&C	2021
Ulsan North Port Port Hinterland Master Plan	15 buildings	17,381	Korea gas corporation	2021
Design services for reinforcement of fire protection facilities in electric power districts	—	—	KEPCO Seoul Headquarters	2021

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Design of 3 electrode buildings (assembly) and ancillary buildings for LG Chem Poland	LEVEL0,2	114,334	Gansam Architects	2021
Carbon Dioxide Fire Extinguishing System Improvements Implementation Design Services	—	—	Coa Engineering Co.	2021
AMCO K4 (Gwangju) Factory	4F	164,132	Changjo Architecture & Engineering	2021
Samsung Display Asan 8D Line Finishing Work (IT Transition)	8F	420,708	Samoo Architects & Engineering	2021
[upper floor east] Fire protection (electrical) design service	—	—	Samsung Engineering	2022
Samsung Electronics Vietnam SEV Renovation in 20,21	—	432,117	Samoo Architects & Engineering	2022
SK hynix M16 3rd Party Review	B1F/14F	529,283	Junglim Architecture	2022
Implementation design and fire protection system reconstruction technical services	—	—	Korea gas corporation Incheon	2022
Daegu IHL Factory Remodeling	5 Building /2F	31,809	Hyundai Engineering Co., Ltd	2022
Samsung Electronics Pyeongtaek P2L EUV Building Lower Finishing	—	23,100	Samoo Architects & Engineering	2022
21Design services for installation and repair of air and oil tanks, etc.	—	—	Yuushin	2022
Pyeongtaek Electronics P-PJT Water Purification Plant Phase 2 Expansion	—	—	Samsung Engineering	2022
Busan West District Amnam-dong Distribution Center	9F	86,730	Samoo CM Architects	2022
Samsung Huasung V1L PH-3 (under E-PJT)	—	10,433	Samoo Architects & Engineering	2022
LG Electronics Vietnam Hai Phong P3 (Refrigerator Building)	2F	48,884	Changjo Architecture & Engineering	2022
Daegu Daedong Mobility New Factory	B1F/2F	29,228	MAP Hanterin Architects & Engineers	2022
Green 3 Building Change Authorization Fire Design	—	—	Samsung Engineering	2022
LG Electronics Pyeongtaek Jinwi 2 Chiller Warehouse Building	3F	38,000	HAEAHN Architecture, Inc.	2022
Design and engineering services for fuel expansion molding processing facility for light water reactor nuclear power plant	—	—	Hyundai Engineering Co., Ltd	2022
Samsung Electronics Pyeongtaek P2L EUV-Ph4 (top) finishing work	B1F/9F	23,100	Samoo Architects & Engineering	2022

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
LG Electronics Lily Building and Living Center	B1F/7F	9,720	LG Electronics Co.	2022
Samsung Electronics Onyang UT2 Building Transformer Changes	—	—	SJ&TECH	2022
[V2L] Fire Protection Electrical Design Service	—	—	Samsung Engineering	2022
P1L RCS&De-NOx Fire Electrical Design	—	—	Samsung Engineering	2022
Design service for reinforcement of fire protection facilities in the underground power station of the Taean Power Plant Headquarters	—	—	KOWEPO	2022
Taihan Cable Submarine cable factory	B1F/6F	24,609	Taihan Cable & Solution	2022
E2E3 Building Fire Protection Installation work	B3F/5F B1F/7F	262 247	Samsung SDI Corporation	2022
Boryeong Complex Gas Gasification Facility Design	—	—	KOMIPO Boryeong	2022
MEMC KOREA FAB#3 Factory	—	81,405	MEMC KOREA	2022
LOTTE Global Logistics Hwaseong SUB New Terminal	B1F/1F	5,168	Lotte Global Logistics Co.	2022
Samsung Electronics Co. Ltd. China SCS 2021 Renovation	—	989,301	Samoo Architects & Engineering	2022
SL4-1 Data Hall RIBAL 3,4	—	—	Equinix Korea LLC	2022
Samsung Electronics Pyeongtaek P3LPh1	2F	980,000	Samoo Architects & Engineering	2023
Samsung Electronics Pyeongtaek P3 Complex	B1F/8F	256,000	Samoo Architects & Engineering	2023
Samsung Electronics Pyeongtaek P3 Ph-1	2F	1,123,967	Samoo Architects & Engineering	2023
Samsung Electronics Pyeongtaek P3-PH2 Upper Department Finishing Work	B1F/8F	1,123,967	Samoo Architects & Engineering	2023
SCS Retrofit PJT 22 Years Rooftop Design Outsourcing	—	—	Samsung Engineering	2023
Xi'an M-Fab. WWT Fire Machinery & Electrical	—	—	Samsung Engineering	2023
Samsung Electronics Pyeongtaek P3-Ph4 Upper East Finishing Work	B1F/8F	242,066	Samoo Architects & Engineering	2023
Coupang Deokpyeong FC	B1F/4F	146,288	Coupang Corporation	2023
P1L RCS Fire Protection Design	—	—	Samsung Engineering	2023

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Pyeongtaek P4	—	—	Samsung Electronics Co.	2023
Dangjin Base #1-4 Storage Tanks Design and Construction Project Management Services	—	—	Korea GAS Corporation	Ongoing
LS ELECTRIC Yen Phong, Vietnam Global Smart Campus Design	3F	18,700	HAEAHN Architecture, Inc.	Ongoing
Fire Protection for Nuclear Power Plant Potential Issues Integrated Design Technical Services Detailed Design Services	—	—	KEPCO E&C	Ongoing
Hanbit Power Plant 2 Fire Protection System Additional Fire Hydrant Installation Fire Protection Detailed Design Service	—	—	KEPCO E&C	Ongoing
Emergency Response Base by NPP Headquarters	4F	—	KEPCO E&C	Ongoing
Coupang Busan FC	B1F/5F	197,213	Coupang Corporation	Ongoing
Samsung Display Asan1 7-2L, 8-1-2L Modular Building UT Demolition of bypass facilities	—	732,791	Samoo Architects & Engineering	Ongoing
Celltrion Plant 3	5F	77,629	Hyundai Architects & Engineers	Ongoing
Hyundai Mobis 3rd Generation Hydrogen Fuel Cell Plant	4개동	134,000	Hyundai Architects & Engineers	Ongoing
Hyundai Mobis Fuel Cell Ulsan System Plant	—	28,108	Hyundai Mobis Co.	Ongoing
Jeonju Palbok-dong 2-ga Knowledge Industry Center	B1F/8F	57,393	BAUM Architects	Ongoing
Asan Tangjeong District Support Facility 5-3 Block Knowledge Industry Center	B4F/10F	58,381	Seongkwang D&D	Ongoing
Geumcheon-gu Gasan-dong 459-3 Knowledge Industry Center	B4F/15F	29,248	Daishin Information & Communication	Ongoing
Busan Sasang-gu Hakjang-dong 750-1 Knowledge Industry Center	B1F/27F	99,758	Sasang Techno Valley	Ongoing
Busan Shinpyeong-dong Knowledge Industry Center	B2F/21F	130,248	NeoValueD&D Co.	Ongoing
Samsung Electronics Pyeongtaek P3-Ph3 Lower East Finishing Work	B1F/8F	1,123,967	Samoo Architects & Engineering	Ongoing
Wolsung 1 Power Plant Seismic Fire Extinguishing Water System Detailed design and licensing services	—	—	KEPCO E&C	Ongoing
Incheon Nonhyeon-dong warehouse facility	—	—	Astor Development No.8 Incheon Nonhyeon	Ongoing

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
LG Electronics Indonesia Jibitung TV Research Center	2F	35,775	HAEAHN Architecture, Inc.	Ongoing
Korean Air Unbuk New Engine Maintenance Plant	B2F/5F	125,907	Korea Airports Corporation	Ongoing
LGES Ochang Factory PALLAS MP Building	B4F/10F	62,970	LG Energy Solution	Ongoing
LG Energy Solutions Arizona, USA Small Battery Factory	—	169,256	Gansam Architects	Ongoing
Samsung Electronics China SCS 2022 Retrofit	B1F/4F	1,011,096	Samoo Architects & Engineering	Ongoing
Addition of Indoor Fire Extinguishers for Units 3 and 4 Installation Design Service	—	—	Gori Nuclear Headquarters	Ongoing
Fire Protection Machinery Electrical Design for Xi'an M-Fab Construction (Air Protection)	—	—	Samsung Engineering	Ongoing
Yangsan Sotori 910-22 A1 Block Warehouse	B1F/9F	139,334	Astor Development No.15 Yangshan	Ongoing
Yangsan Sotori 910-22 A2 Block Warehouse	B1F/10F	144,897	Lipan Co., Ltd.	Ongoing
Yangsan Bukjeong-dong Warehouse	B2F/8F	104,940	AIP Logistics Yangshan Co.	Ongoing
Samsung Electronics finalized FAB construction design for Xi'an, China	—	165,290	Samoo Architects & Engineering	Ongoing
First Operating Nuclear Power Plant in 2022 General Design (Mechanical) Technical Services	—	—	KHNP	Ongoing
LG Energy Solutions Ochang Fire Protection Design for Building 2	—	—	LG Energy Solution	Ongoing
FMM Yangsan Plant	B1F/3F	17,797	WOS CO., Ltd	Ongoing
Eco&Logis Busan Fire Protection Design	B1F/5F	198,830	Eco & Logis Busan Corporation	Ongoing
Gwangju Jangji-dong Distribution Center	B3F/7F	189,088	Sangin Investment Co., Ltd	Ongoing
Yeoju Psychology Center	B1F/3F	47,463	Lotte Global Logistics Co.	Ongoing
Busan Uam Warehouse Facility	7F	144,275	C.J. Logistics Co.	Ongoing
DESIGN CONSULTANCY SERVICES AGREEMENT – Hyundai Motor Group Metaplant America Project	3F	371,799	HAEAHN Architecture, Inc.	Ongoing
Namyangju-si Jinjeop-eup Palyari Logistics Center	B3F/3F	88,646	Jeil Invest Co., Ltd.	Ongoing

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Samsung Pyeongtaek Campus Office Building 6	B1F/1F	44,257	DA Group Engineering	Ongoing
Korean Air Engine Test Center (ETC) Expansion	—	2,774	Korea Airports Corporation	2023
LG Innotek Vietnam Hai Phong V3	5F	160,330	Changjo Architecture & Engineering	Ongoing
Autoland Hwaseong new factory construction firefighting design service	—	—	Kia Motors Co., Ltd.	Ongoing
LG Electronics Egypt Refrigerator Production Building New construction design	2F	50,400	Changjo Architecture Office	Ongoing
P5 firefighting construction design	—	—	Samsung Electronics Co., Ltd.	Ongoing
Firefighting design service for Ulsan electric vehicle new factory construction project	B1F/4F	333,176	Hyundai Motor Company	Ongoing
Ochang Energy Plant 2 Battery Production Building 1 Preparation of design changes and hazardous materials permit calculations	—	—	LG Energy Solution Co., Ltd.	Ongoing
S-JV Battery Cell Georgia PROJECT	—	314,501	Gansam Architects & Engineers Co., Ltd.	Ongoing
Samsung Electronics Co., Ltd. China SCS 2023 Retrofit specialist (high tech) (Fire consulting) Outsourcing case	B1F/5F	1,011,096	amwoo Architects & Engineers Co., Ltd.	Ongoing
Suwon Digital City R6, R7 new construction fire protection design service	—	R6 95,000평 R7 166,000평	Samsung Electronics Co., Ltd.	Ongoing
2023 operational nuclear power plant firefighting facility design supervision (Gori 1) and 11 other cases	—	—	Korea Hydro & Nuclear Power Co., Ltd.	Ongoing
Samyang Food Miryang Factory 2 Construction Firefighting design service	B1F/3F	31,392	31,392 Samyang Food Co., Ltd.	Ongoing
Vietnam Hanoi THT K2CT1 design and artist supervision service contract (Step 2)	—	—	Heerim General Architecture Office	Ongoing
Kori Headquarters Spent Nuclear Fuel Dry Storage Facility Comprehensive Design Service	—	—	Korea Hydro & Nuclear Power Co., Ltd.	Ongoing

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Additional firefighting design service during F-Project new construction	4F	28,797	anwha Essential Co., Ltd.	Ongoing
Saudi Council modular factory firefighting (overseas (high-tech)) outsourcing case	1F	74,200	amwoo Architects & Engineers Co., Ltd.	Ongoing
Hanbit Headquarters spent nuclear fuel dry storage facility comprehensive design service	—	—	Korea Hydro & Nuclear Power Co., Ltd.	Ongoing

Fire Protection Facility Design Performance

► Attraction . Assembly

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
New national museum of Korea	B1F/6F	141,900	Junglim Architecture	1996
KBS Daegu	B1F/2F	11,880	Space Group	1997
Busan Lotte world tower	B7F/107F	456,627	BAUM Architects	1998
Russia Khabarovsk ice rink	3F	22,280	Dongnamatae Architecture	1999
Seongnam culture and arts center	B2F/3F	26,880	Dongnamatae Architecture	1999
Seoul municipal art museum	B2F/3F	15,960	Samoo Architects & Engineering	2000
South and north korea cooperation town	3F	16,500	Gangwon-do payofficer	2004
Cultural contents complex and image archive center	B4F/14F	43,000	Wonyang Architecture	2004
Taebaek Safety experience theme park TK basic and working design	15 sites	26,053	Space Group	2007
Songdo new town convention center	B1F/3F	155,960	BAUM Architects	2007
Formula 1 motor racecourse	3F	66,796	Junglim Architecture	2008
Asia culture center construction	B3F/1F	142,718	Samoo Architects & Engineering	2009
Cultural property Seoul station remodeling	B1F/3F	9,900	Samoo Architects & Engineering	2009
Hwaseong Gyeonggi town basic and working design	B1F/5F	82,500	Junglim Architecture	2009
Korea job world	B2F/3F	33,198	Samoo Architects & Engineering	2009
Bangbae administration cultural center TK basic	B6F/9F	14,100	Samoo Architects & Engineering	2011
Seoul arts center Towol theater TK basic	B1F/4F	6,600	Gansam Architects & Partners	2011
National museum of modern and contemporary art	B3F/3F	—	Siaplan Architects & Planners	2012
2014 AG stadium construction	4 sites	59,504	Samoo Architects & Engineering	2012
Multifunctional administrative city presidential record center	B2F/4F	9,366	Samoo Architects & Engineering	2012
Sejong center for performing arts TK	B1F/6F	19,835	Egong Architecture	2012
National Institute of Ecology	B1F/5F	39,600	Samoo Architects & Engineering	2012
Daegu textile complex TK basic and working design	B2F/9F	49,735.30	KUNWON Architects Planners Engineers	2012

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Paju Gyoha community center	B2F/8F	28,160	Wonyang Architecture	2012
Sungui stadium city development	B6F/51F	291,145	Mooyoung Architects & Engineers	2012
Songdo convensia 2 nd stage	B1F/4F	61,371.43	BAUM Architects	2013
Angola exhibition center	B1F/4F	66,000	Space Group	2013
Gangneung speed skating stadium and sports facility complex master plan design service	B1F/4F	30,000	Gangwon provincial office	2015
Saudi Arabia King Abdullah sports complex	B1F/4F	33,000	DMP partners	2015
Anseong complex education Center	B1F/4F	15,000	Gyeonggi-do Anseong	2015
High 1 water park	—	26,525	NOW Architects	2016
World confucianism scholar cultural park Korean culture theme park	B2F/4F	44,780	Samoo Architects & Engineering	2018
Improvement of old fire equipment at the War Memorial	B2F/4F	88,288	Department of Defense War Memorial Association	2018
Agricultural History and Culture Center	B1F/2F	22,988	HAEAHN Architecture, Inc.	2019
Porsche Center Suwon	2F	2,990	Changjo Architecture & Engineering	2019
SK Memorial Center Project	B1F/1F	933	Junglim Architecture	2019
Jeju Shinhwa Historical Park (Theme Park)	B2F/5F	710,158	Samoo Architects & Engineering	2019
Basic and Conceptual Design of Integrated Facilities for the National Museum Complex 1st Phase	B2F/5F	9,658	Junglim Architecture	2019
Jeju Innovation City Complex Innovation Center Construction Project	B1F/3F	7,626	Seogwipo City, Jeju Special Self-Governing Province	2020
Implementation design service for Wudang Lee Hoeyoung Memorial Hall	—	—	Seoul	2020

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Songdo Theme Park	B2F/12F	146,122	AUM&LEE Architects&Associates	2020
Design services for the improvement of fire protection facilities (mechanical and electrical) at the National Palace Museum	—	10,589	Cultural Heritage Administration National Palace Museum	2021
World Confucian Museum Susango and 1 other locations	—	—	Andong—si	2021
CJ LIVE CITY Arena	—	125,953	Samoo Architects & Engineering	2021
National Museum Complex Integrated Facilities (2nd) Basic and Implementation Design	B2F/1F	9,142	National Agency for Administrative City Construction	2022
Supplementary Design Service for National Palace Museum Fire Protection Facilities Improvement Project Phase 2 (Electrical, Mechanical)	—	—	Cultural Heritage Administration National Palace Museum	2022
Yangpyeong General Sports Center Construction Project	B1F/4F	8,245	Yangpyeong—gun, Gyeonggi—do	2022
Magok MICE Complex Special Planning Area Construction Project	B7F/13F	792,931	NOW Architects	2023
Construction of Chungnam Art Museum and public parking lot	B2F/4F	28,234	Chungcheongnam—do General Contracting Office	2023
CJ LIVE CITY Development	B2F/5F	191,735	Samoo Architects & Engineering	Ongoing
Geomdan Museum/Library Complex Culture Facility basic and detailed design services	—	—	Incheon Urban Development Corporation	Ongoing
Jeju Shinhwa Historical Park Private Cinema firefighting design service	B1F	200	Ramjeong Jeju Development Co., Ltd.	Ongoing

Fire Protection Facility Design Performance

► Educational . Institute

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m²)		
POSCO Pohang laboratory	B3/5F	106,260	Sema Architecture	1994
Daegu physical education high school	B1/4F	23,000	Space Group	2000
Suwon photoelectron lab	B3/36F	99,174	Samoo Architects & Engineering	2000
Joongbu Univ. lecture hall	B1/10F	24,416	BAUM Architects	2000
Korea national university of arts construction	B2/8F	57,608	Samoo Architects & Engineering	2001
Konkuk univ. biotech building	B1/5F	9,570	Space Group	2001
Seocho 3 dong Catholic church	B3/4F	2,970	Hanbit Architecture	2001
510 education history TK basic design	B1/4F	39,600	Samoo Architects & Engineering	2001
Safety experience hall TK basic and working design	B1/3F	5,280	Space Group	2001
Dong-u college main hall and library	B1/6F	15,840	Samjung Construction	2002
Woosong univ. education culture hall	B3/15F	19,800	U-il architects & engineers	2002
Korea art school renovation	B2/5F	56,357	Samoo Architects & Engineering	2003
Joongbu univ. student living hall	B3/6F	13,023.40	BAUM Architects	2003
Seoul national univ. graduate school T/K basic and working design	B4/5F	26,500	Junglim Architecture	2003
K-2 laboratory	8F	673,630	Samoo A&E (Giheung)	2004
Konkuk univ. industrial - educational cooperation hall	B1/8F	20,000	BAUM Architects	2004
Daejeon Singye elementary, middle school construction	B1/4F	22,000	BAUM Architects	2004
LG info communication lab	B4/8F	52,800	Changjo Architecture & Engineering	2004
Samsung DM lab	B3/40F	181,500	Samoo Architects & Engineering	2005
Yonsei univ. Songdo international complex creation	13 sites	—	AUM&LEE Architects&Associates	2005
Cheongun high school dormitory	B1/8F	22,563	BAUM Architects	2005
Yeonggwang sports facility	B1/3F	15,015	Space Group	2005
Ewha campus center	B6/3F	20,000	BAUM Architects	2006

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Samcheok univ. Dogye campus	B3/12F	210,870	Ilkun Architects & Engineers Ltd.	2006
Osong biovalley	B1/6F	127,580	Wonyang Architecture	2007
Seoil univ. A building (learning center)	B1/11F	16,198	Suh Architects	2007
DGIST T/K	1F/5F	31,400	Gansam Architects & Partners	2008
NHN Chuncheon lab complex	B2/5F	33,650	Samoo Architects & Engineering	2009
USFK base relocation elementary · high school working design	3F	38,019	Korea Land & Housing corporation	2010
Administrative city library	B2/4F	23,140	Samoo Architects & Engineering	2010
Anseong boarding school	B1/4F	10,049	A group international	2012
Korea military academy educational hall construction	B3/4F	37,002	KUNWON Architects Planners Engineers	2012
Samsung heavy industries Pangyo R&D center	B2/8F	49,550	KUNWON Architects Planners Engineers	2012
Incheon univ. Songdo campus	B1/7F	18,542	Samoo Architects & Engineering	2012
Samsung Suwon lab (R5)	B5/25F	330,580	Samoo Architects & Engineering	2012
Samsung material research complex	B4/25F	100,000	Samoo Architects & Engineering	2013
KIOST	8F	48,700	Samoo Architects & Engineering	2013
Korea coast guard academy	—	77,025	Daewoo Engineering	2014
Hankook tire central lab	B2/8F	—	Samoo Architects & Engineering	2014
Umeyon area 2 R&D center	B4/10F	330,580	Samoo Architects & Engineering	2014
Hanwha Life 2nd Training Center	B2F/7F	23,500	(주)범건축종합건축사사무소	2014
Institute for basic science	B1/4F	72,600	Samoo Architects & Engineering	2015
LG chemical Daejeon tech lab	2F	35,703	Changjo Architecture & Engineering	2015
Magok Kolon Future Technology Institue	B4F/10F	76,033	HAEAHN Architecture, Inc.	2016
Koreatech engineering hall 2,3	B1F/4F	22,968	Changjo Architecture & Engineering	2016
Magok area S—Oil TS ND center	B2F/8F	99,000	HAEAHN Architecture, Inc.	2016
South pole King Sejong station expansion	2F	1,654	Siaplan Architects & Planners	2016

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Hyundai motor company Namyang lab common use research building	B1F/7F	30,758	Hyundai Architects & Engineering Association	2016
Samsung life insurance Seocho training institute	B4F/5F	22,185	Samoo Architects & Engineering	2017
Magok science 1 st site	B5F/9F	680,000	Toyo Engineering Korea Ltd.	2017
Magok LG science park 2 nd site	B3F/10F	247,500	LG Toyo Engineering Korea Ltd.	2017
Doosan research complex (DRC)	—	48,624	Gansam Architects & Partners	2017
HP Laboratory	—	84,000	Samoo Architects & Engineering	2018
Hwasung Dongtan 8 High School Construction	B1F/4F	14,162	Korea Land&Housing Corporation	Ongoing
Haiyang 5 Elementary School	B1F/5F	16,936	INCHEON Metropolitan City Office of Education.	Ongoing
Haneul 5 Elementary School	B1F/5F	16,812.91	Incheon Local Procurement Agency	2019
Dorim High School Relocation	B1F/4F	15,301.04	Incheon Metropolitan City Office of Education	2019
Haeyang 1 Middle School	B1F/5F	15,170.06	Incheon Metropolitan City Office of Education	2019
Haneul 6 High School	B1F/5F	17,144.12	Incheon Local Procurement Agency	2019
Haeyang 6 Elementary School	B1F/5F	17,234	Incheon Local Procurement Agency	2019
Songdo 5 Kindergarten	B1F/4F	6,040	Incheon Local Procurement Agency	2019
Free Kindergarten Fire Equipment Installation	B1/2F	4,971	Incheon Local Procurement Agency	2019
Incheon Industrial Complex Campus and Corporate Research Center	5F	28,155	Inha University	2019
LG Science Park DP3 use authorization and completion of as-built documents	B5F/9F	445,370	Changjo Architecture & Engineering	2019

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
LG Science Park LG Chem Phase 2	B4F/9F	49,588	LG Chemical	2020
Seoul National University Siheung Campus (S-CUBE/Integrated Parking Lot/R&D Center)	B1F/13F	98,724	HAEAHN Architecture, Inc.	2020
Seoul National University Siheung Campus (Future Driving Mobility)	B1F/7F	14,377	HAEAHN Architecture, Inc.	2020
Seoul National University Siheung Campus (Unmanned Vehicle Research Center)	B1F/4F	5,447	HAEAHN Architecture, Inc.	2020
Seoul National University Siheung Campus (Educational Cooperation Center)	B1F/10F	58,565	HAEAHN Architecture, Inc.	2020
[EDCF] Kenya Academy of Science and Technology	B1F/5F	35,000	Samoo Architects & Engineering	2020
Gyeonggi Provincial Office of Education South Application Building Project	B4F/22F	241,866	Sammin Technology Center	2020
Establishment of Convergence BioCeramo Technovator	3F	3,379	Korea Ceramic Technology Institute	2020
LG Electronics Incheon Campus Complex 3F	3F	12,529	Changjo Architecture & Engineering	2020
Improvement of firefighting facilities in Seongbuk-cho and 1won (Jeongdeok-cho)	2F	11,900	Seoul Seongbuk Gangbuk District Office Of Education	2020
Firefighting Facilities at Transport Stations Improvements	1F	595	Seoul Seongbuk Gangbuk District Office Of Education	2020
LG Sangnam West Building Remodeling and repurposing construction	B1F/3F	1,530.25	Serve One Co., Ltd.	2020
Seoul National University Siheung Campus Education Innovation Center, etc.	B1F/10F	58,269	DA Group Engineering	2020

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
GS Caltex Cheongpyeong R&D Center Main Building Facility Improvement Project	—	5,185	Changjo Architecture & Engineering	2020
Crystal Genomics Magok R&D Center	B6F/7F	24,790	Architects & Engineers	2020
Remodeling of Research Building 1 at LG Chem Daejeon R&D Center	B2F/4F	14,769	Changjo Architecture & Engineering	2021
Restoration of the main building of LG Inhaewon	3F	34,039	Changjo Architecture & Engineering	2020
P&P Secure Magok office building	B3F/8F	26,446	Junglim Architecture	2020
Expansion and major renovation of all wings of LG Chem's Daejeon R&D Center	3F	695	Changjo Architecture & Engineering	2021
Fire Protection Design at Samsung Biologics Annualized	—	—	Samsung Biologics Inc.	2021
Giheung SR 7-dong Project	B4F/15F	212,563	Samoo Architects & Engineering	2021
LG Chem Americas Tech Center	3F	7,378	Changjo Architecture & Engineering	2021
Gangwon National University Campus Innovation Park HUB Building	B1F/8F	18,000	Korea Land and Housing Corporation	2022
Remodeling of Building 16 of Seoul National University's School of Social Sciences and the Center for Economic Innovation	—	28,532	Seoul National University	2022
Yonsei International Campus Phase 2 Pharmaceutical Biopractice Center	B1F/6F	18,181	Junglim Architecture	2022
K-TOWER Expansion Project	B1F/14F	2,400	K Holdings, Inc.	2022
Korea Institute of Energy Technology Phase 2	B1F/10F	150,906	Korea Energy Engineering University	2022
SDI Suwon Research Center Expansion	3F	7,458	Samsung SDI Co.	2023

Fire Protection Facility Design Performance

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Mirim Girls' High School dormitory simple sprinkler installation work	–	–	Seoul Metropolitan Office of Education Mirim Girls High School	2023
Jeju Halla University Kumho World Education Center	B1F/6F	81,362	Jeju Halla University	2023
Magok E-Land Global R&D Center	B5F/10F	260,392	Eland Construction	Ongoing
Lam Research R&D Center Design Services	B2F/5F	25,400	Samoo Architects & Engineering	Ongoing
Myeongjang Neighborhood Park Complex	B3F/2F	18,843	BAUM Architects	Ongoing
KOGAS Human Resources Development Institute	B1F/6F	20,145	Korea Gas Corporation	Ongoing
Wonhyoryo UAM CAMPUS Project	B5F/7F	66,740	Hyundai Architects & Engineers	Ongoing
Vietnam Hanoi Samsung R&D Center	–	79,200	Heerim Architects	Ongoing
Cheongna Medical Complex Town Life Science Park	B2F/15F	182,824	Cheongra Medipolis PFV	Ongoing
Global R&PD Center	B2F/7F	70,000	SK Bioscience Co., Ltd.	Ongoing
Research Building Environmental Improvement Project IV	B3F/6F	21,761	Korea Institute of Science and Technology	Ongoing
Design services for SDR new construction and surrounding infrastructure	B5F/15F	260,525	Samoo Architects & Engineering	Ongoing
Busan Osiria Tourist Complex Corporate Training Center	B2F/17F	75,240	HB Healing Town Co., Ltd.	Ongoing
ASML Office&Industrial Center	3F	371,799	ASML Korea Co.Ltd	Ongoing
Wonhyoro AAM Research Center	–	–	Hyundai Motor Co.	Ongoing
HMC Archive Center Advance Service B1F/5F	B1F/5F	27,000	Jeonglim Architecture General Architect Office	Ongoing

● Fire protection system supervision result current state of affairs

- Accommodation and Residence
- Mercantile and complex facility
- Health and Business
- Transportation and communication
- Power station · factory and storage
- Attraction · Assembly and education facility
- Military installations

● Electrical System Supervision result current state of affairs

- Residence facilities
- Other facilities

● Communication & Machine Supervision Teamresult current state of affairs

Fire protection system supervision result current state of affairs

► Accommodation and Residence

Building Name	Location	Size		Category	Duration
		Floors	Area(㎡)		
Mokdong Hyundai Hyperion I	Seoul	B6/69F	385,949	Reside	2000.06.~2003.08.
Dogok Tower palace I	Seoul	B5/66F	457,994	Reside	2000.07.~2002.10.
Uijeongbu Gumo area APT	Uijeongbu	14building	156,724	Normal	2000.07.~2002.12.
Samseong-dong Hyundai I -PARK	Seoul	4building	149,278	Normal	2001.04.~2004.02.
LG Gangchon resort	Chuncheon	B2/15F	60,187	Reside	2001.06.~2002.10.
Bundang Shinyong Royal palace	Seongnam	B4/30F	62,926	Reside	2002.10.~2003.11.
Hangang Trump world III	Seoul	B4/31F	52,964	Reside	2002.10.~2004.04.
Rasung academy house	Seoul	B5/51F	97,564	Reside	2002.11.~2005.01.
Yangsan new town Chungoram APT	Yangsan	24building	188,854	Normal	2002.12.~2004.12.
Bucheon Joongdong Daewoo Prugio APT	Bucheon	B2/25F	135,560	Normal	2003.04.~2005.10.
Yeouido park suite	Seoul	B5/34F	76,243	Reside	2003.10.~2007.03.
Guro 7 th site redevelopment APT	Seoul	B3/19F	64,291	Normal	2003.10.~2007.04.
Yongin Noble county B	Yongin	B3/20F	49,107	Reside	2004.03.~2005.12.
Bundang hub gate residential complex	Seongnam	B4/37F	78,136	Reside	2004.04.~2006.05.
Guro 7 th site redevelopment APT	Seoul	B3/19F	64,291	Normal	2003.10.~2007.04.
Doosan Weve Poseidon II residential complex	Busan	B4/47F	158,596	Reside	2004.07.~2006.12.
Suite hotel Namwon	Namwon	B1/4F	10,859	Normal	2010.11.~2011.12
Lotte city hotel	Jeju	B4/22F	43,055	Reside	2011.10.~2014.03.
LH Goyang Wonheung A4BL APT	Goyang	B1/15F	76,076	Reside	2012.11.~2013.12.
LH Goyang Wonheung A6BL APT	Goyang	B1/22F	198,222	Reside	2012.11.~2013.12.
LH Yangju Okjeong A7BL APT	Yangju	B1/20F	106,220	Reside	2013.04.~2014.12.
LH Suwon Homaesil A4 block APT	Suwon	25F	165,714	Reside	2013.06.~2014.12.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
LH Chungnam provincial office Nepo RH-7BL APT	Hongseongun	30F	311,816	Reside	2013.10.~2015.08.
Wirye A2-5BL APT	Seongnam	B2/19F	83,196	Normal	2013.11.~2015.11.
LH Chungbuk innovation city A1BL APT	Eumseongun	B1/20F	89,987	Reside	2014.04.~2015.11.
LH Yangsan Mulgeum 2 45BL APT	Yangsan	B1/16F	92,371	Reside	2014.06.~2016.02.
LH Hanam Misa A19BL APT	Hanam	B1/27F	125,365	Reside	2014.05.~2016.06.
LH Hanam Misa A18BL APT	Hanam	B1/26F	224,380	Reside	2014.02.~2016.07.
LH Daegu Kumho A3BL APT	Daegu	B1/20F	85,077	Reside	2015.07.~2016.12.
LH Gimhae Jinyeong 2 B6BL APT	Gimhae	B1/28F	107,775	Reside	2015.06.~2017.04.
LH Uijeongbu Millak 2 A6BL APT	Uijeongbu	B1/29F	169,922	Reside	2015.10.~2017.11.
LH Gangneung Yucheon B2BL APT	Gangneung	B1/25F	130,983	Reside	2016.01.~2017.09.
Yongin Joongdong elderly welfare housing	Yongin	B5/25F	183,910	Reside	2016.11.~2019.09.
Gaepo LH 3 rd residence redevelopment APT	Seoul	B3/33F	231,904	Reside	2017.01.~2019.08.
Han Yang Soo-in Songjeong-gu B2BL	Ulsan	B1/25F	71,019	Normal	2017.03.~2018.12.
LH Siheung Eungye B-1BL APT	Siheung	29F	59,811	Reside	2017.06.~2019.12.
LH Yangju Goeup A-13BL APT	Yangju	15F	51,076	Reside	2018.07.~2020.04.
Doksandong New Stay	Seoul	B4/35F	171,351	Reside	2018.06.~2021.04.
Gwacheon Jugong Complex 6 APT reconstruction project	Gwacheon	B3/35F	374,710	Reside	2019.03.~2021.11.
LH LH Guri Waterfall happy APT	Guri	B2/18F	37,233	Reside	2019.09.~2021.09.
LH Yansan Sasong A-1BL APT	Yansan	B2/20F	158,183	Reside	2020.06.~2022.12.
Dunchon Jugo APT Reconstruction Project	Seoul	B3/35F	2,163,779	Reside	2020.07.~Present
Asan Yonghwa Namsan District 2 APT	Asan	B3/24F	110,291	Reside	2021.05.~2023.10.
Godeokgangil 5BL APT	Seoul	B2/27F	146,781	Reside	2021.10.~2023.10.
Urban Environment Improvement Project in Cheonho 4 Promotion Area	Seoul	B6/38F	160,557	Reside	2022.07.~Present

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Hwaseong Dongtan(2) A52BL APT	Hwaseong	B1/20F	113,725	Reside	2023.04.~Present
Asan Tanjung Techno C2BL APT	Asan	B2/27F	240,059	Reside	2023.12.~Present

Fire protection system supervision result current state of affairs

► Mercantile and complex facility

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Lotte department store Pohang	Pohang	B4/9F	68,603	Reside	2000.04.~2001.12.
Lotte mart Hwajeong	Goyang	B2/7F	40,176	Reside	2000.05.~2001.06.
Gayang-dong Hypermarket	Seoul	B3/4F	45,018	Reside	2000.04.~2000.09.
COSTCO Sangbong	Seoul	B2/5F	34,042	Reside	2000.10.~2002.02.
Lotte department store Changwon	Changwon	B5/6F	84,976	Reside	2000.11.~2002.07.
Lotte department store Dongnae	Busan	B3/10F	62,975	Reside	2000.11.~2002.04.
Wallmart Ulsan Joongang	Ulsan	B4/6F	42,510	Reside	2001.02.~2001.08.
Lotte department store luxury goods store renewal	Seoul	B3/20F	43,169	Reside	2004.04.~2005.06.
Homeplus Gumi Gwangpyeong	Gumi	B1/4F	45,259	Reside	2004.11.~2005.11.
Homeplus Gangseo	Seoul	B1/5F	59,449	Reside	2005.02.~2005.08.
Lotte mart Ansan	Ansan	B1/5F	40,130	Reside	2005.02.~2005.08.
Lotte mart Eomgung	Busan	B1/7F	49,289	Reside	2005.04.~2006.04.
Lotte mart Yeosu	Yeosu	B1/6F	40,586	Reside	2005.07.~2006.06.
Lotte department store Haeundae	Busan	B6/12F	66,082	Reside	2005.08.~2008.08.
Yeouido park center building	Seoul	B5/34F	75,517	Reside	2005.11.~2007.04.
Songdo convention center	Incheon	B1/3F	52,480	Reside	2006.02.~2008.05.
Paju Heyri The step	Paju	5building	41.732	Reside	2006.05.~2006.12.
Lotte mart Dongnae	Busan	B3/12F	158,588	Reside	2006.05.~2008.06.
Times square	Seoul	B5/20F	340,895	Reside	2006.05.~2009.07.
Lotte mart Youngdeungpo repair	Seoul	B1/6F	46,999	Normal	2006.08.~2006.11.
Busan 2nd Lotte World	Busan	B6/67F	91,564	Reside	2006.11.~2018.08. 2023.10.~Present
Homeplus Chungbuk Ochang	Cheongwongun	B1/4F	26,786	Reside	2008.05.~2008.09.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Heungin.Deogun market reconstruction	Seoul	B7/18F	49,926	Reside	2008.05.~2010.06.
Lotte mart Chuncheon	Chuncheon	B1/4F	40,425	Reside	2009.05.~2010.02.
Lotte mart Jeongup	Jeongup	B1/4F	29,804	Reside	2009.08.~2010.01.
Lotte mart Buam	Busan	B1/8F	50,425	Reside	2009.12.~2011.05.
Lotte department store Ilsan expansion	Goyang	B7/11F	41,798	Reside	2010.02.~2010.10.
Lotte department store Ilsan	Goyang	B1/6F	80,801	Reside	2010.11.~2010.12.
Paju premium outlet 1Block	Paju	B3/3F	52,147	Reside	2010.11.~2011.12.
Paju premium outlet 2Block	Paju	B3/4F	55,442	Reside	2010.11.~2011.12.
Paju premium outlet 3Block	Paju	B3/4F	15,778	Normal	2010.11.~2012.05.
Paju premium outlet 4Block	Paju	B3/4F	20,677	Normal	2010.11.~2011.12.
Lotte Jamsil Super Tower	Seoul	B6/123F	817,399	Reside	2011.01.~2017.02.
Pangyo residential complex summit place	Seongnam	B2/18F	70,474	Reside	2011.02.~2012.12.
Sangbong-dong residential complex	Seoul	B7/48F	234,905	Reside	2011.02.~2013.10.
Lotte department store Gangnam renewal	Seoul	B3/8F	39,857	Normal	2011.05.~2011.08.
Lotte department store Jungdong expansion	Bucheon	B6/10F	92,099	Reside	2011.05.~2012.04.
Lotte department store Busan main store repair	Busan	B5/42F	347,609	Reside	2011.08.~2013.02.
Lotte department store Nowon expansion and renewal	Seoul	B4/12F	85,311	Reside	2011.11.~2012.07.
Lotte mart Wonju	Wonju	B7/5F	83,516	Reside	2011.10.~2012.02.
Lotte Buyeo premium outlet	Buyeogun	B1/3F	50,928	Reside	2012.02.~2013.09.
Lotte mart Geumcheon renewal	Seoul	B1/6F	40,532	Reside	2012.02.~2012.07.
Lotte mart Yeongtong renewal	Suwon	B7/8F	61,573	Reside	2012.08.~2012.11.
Gyeongju convention center	Gyeongju	B1/4F	31,307	Normal	2012.09.~2015.02.
Lotte mart Cheongna	Incheon	B1/5F	38,090	Reside	2012.10.~2013.01.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Lotte mart Youngdeungpo Big market	Seoul	B1/6F	46,999	Reside	2012.10.~2013.03.
Lotte mart Dobong Big market	Dobong-gu	B2/9F	38,727	Reside	2012.10.~2013.03.
Gimhae water park	Gimhae	B1/4F	35,619	Reside	2012.11.~2015.06.
Songdo Lotte mall 1 st stage	Incheon	B3/3F	15,561	Reside	2013.04.~2014.01.
Icheon premium outlet	Icheon	B2/3F	99,382	Reside	2013.01.~2014.01.
Icheon premium outlet annex	Icheon	B2/2F	62,903	Reside	2013.04.~2014.01.
Lotte Songdo Mall Phase 1	Incheon	B3/3F	15,561	Reside	2013.04.~2014.01.
COSTCO Cheonan CM	Cheonan	4F	30,148	Reside	2013.11.~2014.04.
Hanam Union square	Hanam	B3/5F	459,174	Reside	2014.09.~2016.10.
Central city expansion	Seoul	B5/11F	34,024	Reside	2014.10.~2016.03.
Dongdaemun Cerestar remodelling	Seoul	B6/23F	123,846	Reside	2015.03.~2016.05.
Paradise city project stage 1	Incheon	B2/10F	190,004	Reside	2015.03.~2017.04.
Hyungji Bauhaus Busan	Busan	B8/17F	58,896	Reside	2015.09.~2017.02.
Common Commercial Site of Wiryae New Town 1-2BL	Seoul	B7/20F	34,634	Reside	2015.11.~2018.01.
Fujifilm Housing Complex Korea	Seoul	B2/18F	25,483	Normal	2016.04.~2017.11.
Paradise city project stage 2	Incheon	B2/7F	103,272	Reside	2016.05.~2018.09.
Lotte mall Songdo studio flat	Incheon	B3/41F	148,795	Reside	2016.09.~2019.07.
Dotan Luchestabies	Hwaseon	B2/14F	31,109	Reside	2016.12.~2018.12.
Gwangju Ssangam residential and commercial complex	Gwangju	B2/14F	31,109	Reside	2016.12.~2019.02.
Yeouido Y22 (Parc 1)	Seoul	B7/69F	627,673	Reside	2017.03.~2020.08.
Jeju Dream Tower	Jeju	B6/38F	302,777	Reside	2017.04.~2020.11.
Changwon Middle East Uni City Evans	Changwon	B5/38F	146,106	Reside	2017.05.~2019.07.
Lotte Mart Seocho Flower Village	Seoul	B7/22F	147,912	Reside	2017.05.~2017.10.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Yangju U-CITY Complex Center	Yangju	B2/3F	5,939	Normal	2017.05.~2019.08.
Jungnang-gu Muk-dong residential and commercial complex	Seoul	B4/15F	16,258	Normal	2018.05.~2019.12.
Goyang Samsung M2 Block Dongwon Royal Duke	Goyang	B3/36F	75,172	Reside	2017.09.~2020.04.
Gwangmyeong City Cheolmangsan Citizens' Complex	Gwangmyeong	B2/4F	14,164	Normal	2017.11.~2020.03.
Samsung Engineering Sangil-dong Building	Seoul	B4/15F	186,022	Normal	2017.12.~2018.03.
Hwaseong Dongtan(2) C11BL Residential and Commercial Complex	Hwaseong	B6/49F	506,333	Reside	2017.12~2021.06.
Ungcheon Island Complex in Yeosu	Yeosu	29F	129,532	Reside	2018.02.~2020.03.
Changwon Naseo ISC Plaza Complex	Changwon	B6/12F	47,512	Reside	2018.05.~2020.02.
Songdo International City C1 Block Complex	Incheon	B3/39F	112,770	Reside	2018.09.~2021.03.
611-2 Jibyo-dong, Goyang-si, residential and commercial complex	Goyang	B6/15F	22,164	Normal	2018.11.~2020.06.
Business Complex, Bupyeong-dong, Incheon	Incheon	B7/27F	74,083	Reside	2018.12.~2021.05.
Moran Station Central Square	Seongnam	B2/4F	6,547	Normal	2019.11.~2020.04.
Mapo-gu Seogyo-dong Neighborhood Living Facility	Seoul	B3/8F	4,755	Normal	2020.02.~2020.11.
Tower the Most Gwangan	Busan	B4/18F	45,540	Reside	2020.03.~2021.08.
Dasan jigeum District 6BL Knowledge Industry Center	Namyangju	B4/10F	249,684	Reside	2020.03.~2022.04.
Redevelopment of the urban renovation type of the Jayang 1 Refinancing Promotion Zone	Seoul	B7/48F	483,413	Reside	2021.01.~Present
Pangyo Telechips Office Building	Seongnam	B5/12F	30,956	Reside	2021.02.~2022.10.
Group A, the Knowledge Industry Center of the Guri Galmae Autonomous Prefecture	Guri	B2/10F	53,789	Reside	2021.05.~2023.05.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Group B, the Knowledge Industry Center of the Guri Galmae Autonomous Prefecture	Guri	B3/10F	60,012	Reside	2021.05.~2023.05.
Gasam-dong 459-21 Knowledge Industry Center	Seoul	B4/20F	43,397	Reside	2021.10.~2023.05.
Yanghwa Road Complex	Seoul	B5/11F	16,923	Normal	2021.10.~2023.04.
Magok Mice CP1	Seoul	B7/13F	326,666	Reside	2022.01.~Present
Godeokgangil Biz Valley 1BL	Seoul	B6/21F	301,123	Reside	2022.03.~Present
Seongsu-dong 2-ga Complex	Seoul	B2/8F	7,117	Normal	2022.06.~2023.07.
Garam Tower Suite Officetel, Seo-gu, Incheon	Incheon	B3/10F	17,957	Normal	2022.07.~2023.07.

Fire protection system supervision result current state of affairs

► Health and Business

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Hyundai motor company Yangjae office	Seoul	B3/21F	82,344	Reside	2001.02.~2002.02.
Rodamco Insa-dong building	Seoul	B6/24F	45,410	Reside	2001.03.~2002.03.
Incheon IBC worldgate	Incheon	B2/12F	34,044	Reside	2001.10.~2002.10.
Samsung life insurance Susong-dong office	Seoul	B6/14F	42,900	Reside	2001.10.~2002.03.
Hanyang univ. affiliated hospital repair	Seoul	B3/18F	39,888	Reside	2001.12.~2005.02.
Daejeon Dunsan Eulji hospital	Daejeon	B3/16F	94,000	Reside	2002.01.~2004.02.
Hyundai motor company Gye-dong office repair	Seoul	B3/15F	73,473	Reside	2002.05.~2002.08.
Yonsei univ. new hospital	Seoul	B3/21F	170,667	Reside	2002.09.~2005.04.
Bundang Bobos Chererville	Seongnam	B2/28F	37,773	Reside	2002.09.~2004.11.
Joongang univ. hospital in affiliation	Seoul	B3/15F	58,129	Reside	2002.12.~2004.11.
Bundang LG Medio	Seongnam	B4/12F	41,583	Reside	2003.01.~2004.01.
Gwangmyeong Croance	Gwangmyeong	B6/9F	44,550	Reside	2003.02.~2004.07.
Konkuk univ. medical center	Seoul	B3/13F	68,552	Reside	2003.07.~2005.07.
SK Telecom Daejeon office	Daejeon	B5/20F	42,393	Reside	2003.09.~2004.12.
Sinmunno redevelopment (Offician)building	Seoul	B5/20F	63,149	Reside	2003.10.~2005.08.
Dongyang fire & marine insurance Gangnam office	Seoul	B7/30F	57,393	Reside	2004.03.~2005.09.
Samsung life insurance Sunhwa area 10	Seoul	B6/19F	34,195	Reside	2004.03.~2006.12.
KOBACO culture hall	Seoul	B6/24F	38,960	Reside	2004.05.~2006.05.
Busan St. Mary' s hospital	Busan	B2/12F	61,487	Reside	2004.06.~2006.04.
Jinju Medical Center	Jinju	B1/8F	26,665	Normal	2005.01.~2007.07.
Samsung life insurance Seocho office(A)	Seoul	B5/25F	87,597	Reside	2005.02.~2007.03.
Handok research complex E1,E2	Seoul	B3/32F	99,462	Reside	2005.03.~2007.03.
Taeyoung Yeouido building	Seoul	B5/13F	42,337	Reside	2005.07.~2007.03.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Handok research complex C-4	Seoul	B4/24F	86,494	Reside	2005.09.~2007.03.
Samsung life insurance Seocho office(B)	Seoul	B7/35F	83,778	Reside	2006.03.~2007.12.
Daejeon area cancer center expansion	Daejeon	B2/9F	97,083	Normal	2006.08.~2007.09.
Samsung life insurance Ulsan office	Ulsan	B7/15F	21,009	Normal	2006.10.~2008.03.
Rail organization joint office	Daejeon	B4/28F	111,365	Reside	2006.12.~2009.09.
Anyang LS Cable & System Ltd. tower	Anyang	B3/17F	51,342	Reside	2007.01.~2008.03.
Pyeongtaek port marine center	Pyeongtaek	B1/15F	15,306	Normal	2007.03.~2009.09.
LG telecom DMC office	Seoul	B6/12F	49,860	Reside	2007.04.~2008.07.
Hyundai Motor Company's Yangjae Office	Seoul	B2/21F	61,283	Reside	2007.04.~2007.05.
Samsung fire & marine insurance Gwangju Sangmoo office	Gwangju	B4/18F	30,532	Reside	2007.05.~2009.04.
Yeouido S-Trenue	Seoul	B7/36F	39,898	Reside	2007.06.~2009.07.
Bundang NHN venture tower	Seongnam	B7/28F	101,661	Reside	2007.09.~2010.04.
Kookmin bank west Yeouido main office remodeling	Seoul	B6/9F	33,616	Reside	2007.10.~2008.10.
VHS medical center	Seoul	B4/13F	86,071	Reside	2007.11.~2011.04.
Korea coast guard west region HQ	Mokpo	B1/6F	10,882	Normal	2008.01.~2009.11.
Daewoo center building renovation	Seoul	B2/23F	132,658	Reside	2008.02.~2009.12.
Eulji hospital 1 st annex	Seoul	B4/4F	10,466	Normal	2008.05.~2009.08.
Samsung life insurance Samsung-dong business facility	Seoul	B8/17F	30,647	Reside	2008.05.~2010.02.
Kyobo life insurance main office	Seoul	B4/24F	94,603	Reside	2008.06.~2010.11.
Samsung main office maintenance	Seoul	B4/26F	83,639	Normal	2008.10.~2009.11.
Wanju-gun office and administrative town	Wanjugun	B1/6F	14,847	Normal	2008.11.~2012.06.
Samsung life insurance Dunsan office	Daejeon	B6/24F	48,911	Reside	2009.01.~2010.11.

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Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Youngdeungpo Ere building	Seoul	B6/20F	31,193	Reside	2009.02.~2010.04.
LG Sinmunno business facility	Seoul	B5/14F	51,264	Reside	2009.04.~2010.09.
NHIS Korea Busan area HQ	Busan	B3/8F	13,997	Normal	2009.06.~2010.12.
Sammo focus building	Seoul	B8/26F	48,947	Reside	2009.07.~2011.10.
Kangbuk Samsung hospital examination center	Seoul	B4/26F	83,639	Normal	2009.12.~2010.03.
Pangyo land development 4-7Block	Seongnam	B4/9F	50,260	Reside	2010.03.~2011.11.
Sincheon-dong Business facility	Seoul	B7/18F	24,532	Normal	2010.07.~2011.10.
Global cluster building	Seoul	B4/15F	11,762	Normal	2010.07.~2013.01.
Shihwa complex business center	Siheung	B1/13F	15,837	Normal	2010.07.~2012.11.
Kangwon national univ. hospital children's hospital	Chuncheon	B1/4F	13,994	Normal	2010.08.~2012.07.
Incheon medical center	Incheon	B2/7F	28,702	Normal	2010.08.~2011.05.
Amorepacific MC business place	Daejeon	B2/4F	21,403	Normal	2010.09.~2011.10.
Guro apartment style factory construction	Seoul	B4/18F	56,000	Reside	2010.09.~2012.02.
Sunhwa maintenance area 5-1	Seoul	B8/27F	51,377	Reside	2011.07.~2013.05.
Pangyo silicon park Techno Semichem office	Seongnam	B4/9F	15,549	Normal	2011.08.~2012.08.
Heungdeok G1Block apartment style factory	Yongin	B3/40F	189,516	Reside	2011.10.~2013.10.
Samsung medical center LAB, Proton center	Seoul	B4/6F	23,700	Normal	2011.12.~2015.12.
Neowiz Pangyo office	Seongnam	B1/11F	133,170	Reside	2012.01.~2013.05.
Small&medium business corporation main office	Jinju	B1/7F	18,984	Normal	2012.04.~2014.06.
Seagate Korea design center	Yongin	B2/5F	24,561	Normal	2012.05.~2012.12.
SK networks Daechi-dong new office	Seoul	B5/9F	47,368	Reside	2012.07.~2013.12.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
GS home shopping 2 nd office	Seoul	B5/8F	24,975	Normal	2012.07.~2014.03.
Samsung heavy industry Pangyo R&D center	Seongnam	B5/8F	56,356	Reside	2013.05.~2014.10.
KHNP main office	Gyeongju	B1/12F	72,555	Reside	2014.01.~2016.07.
Parnas tower expansion	Seoul	B8/38F	220,441	Reside	2014.03.~2015.05.
Samsung SDS Sangam center	Seoul	B8/13F	79,339	Reside	2014.08.~2015.09.
Myeong-dong 3 rd area urban redevelopment	Seoul	B7/27F	48,057	Reside	2014.08.~2016.09.
Danwon District Office and Health Center	Ansan	B1/6F	23,176	Normal	2014.08.~2017.08
Magok B5-2 block studio flat	Seoul	B5/14F	32,524	Reside	2015.03.~2016.05.
Incheon Sejong general hospital	Incheon	B2/10F	38,737	Normal	2015.09.~2017.01.
Gwanggyo business block 3 G-well homes studio flat	Yongin	B2/8F	29,980	Reside	2015.11.~2016.12.
Goyang Samson 9-block Office Building	Goyang	B4/49F	191,800	Reside	2016.07.~2019.06.
Myeong-dong Y project	Seoul	B6/20F	34,480	Reside	2016.08.~2018.05.
Gangnam N-TOWER	Seoul	B7/24F	52,415	Reside	2016.10.~2018.05.
Hyundai Marine Insurance Co.	Asan	B6/14F	28,956	Normal	2017.01.~2019.09.
Ami officetel from Icheon	Icheon	B4/10F	40,346	Reside	2017.05.~2019.03.
SG Tower	Seoul	B8/28F	125,365	Reside	2018.03.~2020.05.
Chungtohoe JT Building	Seoul	B5/15F	11,737	Normal	2019.06.~2020.12.
Pungdong Nursing Hospital	Goyang	B1/3F	5,207	Normal	2020.04.~2020.07.
Busanjin Post Office	Busan	B1/7F	12,825	Normal	2020.06.~2022.04.
Big Hit Entertainment Yongsan New Building	Seoul	B7/19F	36,756	Reside	2020.08.~2021.03.
Seoul National University Hospital Shin-Headquarters Emergency Treatment Bed for Severe Patients	Seoul	B7/10F	1,444	Normal	2021.03.~2021.08.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
KHM Consortium Headquarters and Business Facilities	Seoul	B4/11F	19,631	Normal	2021.03.~2022.06.
Gangnam New York Confectionery Site Development Project	Seoul	B2/14F	6,537	Normal	2021.04.~2023.02.
Lotte Rental Busan Auto House	Busan	B1/12F	1,599	Reside	2021.07.~2021.02.
Gwacheon Knowledge Information Town 7-1BL	Gwacheon	B5/6F	46,849	Reside	2021.08.~2021.11.
Gwacheon Knowledge Information Town 7-2BL	Gwacheon	B6/14F	63,407	Reside	2021.08.~2021.11.
Northwestern Hospital Sprinkler Installation	Seoul	7F	13,215	Normal	2021.11.~2022.10.
Etria 90 Bangi-dong Complex	Seoul	B3/17F	8,473	Normal	2021.12.~2023.09.
99 Euljiro 5-ga, officetel	Seoul	B2/6F	85,056	Normal	2022.01.~Present
Siheung Wolgot Summit Prestige Office Building	Siheung	B1/28F	23,501	Normal	2022.02.~2024.01.
Daejeon Ekisai Railway Union's Daejeon Headquarters	Daejeon	3F	2,404	Normal	2022.03.~2022.11.
229-18 Office Building in Suyu-dong	Seoul	B2/17F	7,942	Normal	2022.03.~2023.06.
Gwacheon Knowledge Information Town 4-6BL K-Sign Office Building	Gwacheon	B1/14F	1,077	Normal	2022.01.~2023.10.
Commercial Complex, 171-2 Gaebong-dong, Guro-gu	Seoul	B4/20F	17,588	Reside	2022.10.~Present
1752 officetel in Jangjae-ri, Baebang-eup, Asan	Asan	B5/43F	85,056	Reside	2022.11.~Present
Jukdong Office Building, Yuseong-gu, Daejeon	Daejeon	B3/7F	26,760	Normal	2023.01.~Present
Construction of two gas extinguishing facilities outside Hanyang University Hospital's vasculature room	Seoul	7F	400	Reside	2023.04.~2023.08.
Remodeling of Outpatient Environments and Convenience Facilities at Seoul Medical Center (Phase 1)	Seoul	B4/13F	473	Normal	2023.07.~2023.06.
Lotte Mart's Gwangju Suwan Branch VOID	Gwangju	B1/8F	320	Normal	2023.07.~2023.09.
Remodeling of Outpatient Environments and Convenience Facilities at Seoul Medical Center (Phase 2)	Seoul	B4/13F	473	Normal	2023.08.~2023.11.
Siegen Medical Foundation Seoul Main Building Remodeling and Application Change	Seoul	B6/19F	55,344	Reside	2023.09.~Present
Urban Maintenance of Euljiro 3-ga District 6	Seoul	B4/13F	473	Reside	2023.11.~Present

Fire protection system supervision result current state of affairs

► Transportation and communication

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Korea telecom Bundang info center	Seongnam	B5/20F	122,518	Reside	1995.03.~1997.11.
Korea telecom Ilsan info center	Goyang	B4/10F	58,549	Reside	1995.03.~1996.10.
Incheon Int' l airport passenger terminal	Incheon	B2/4F	473,467	Reside	1998.05.~2002.03.
South Seoul KTX station	Gwangmyeong	B2/8F	75,800	Reside	1999.12.~2003.10.
Suwon civil station	Suwon	B3/13F	132,000	Reside	2001.03.~2003.06.
Seoul civil station	Seoul	B2/5F	37,558	Reside	2002.07.~2004.01.
Seoul subway line 3 extension 302 site	Seoul	—	24,418	Reside	2003.09.~2010.05.
Incheon Int' l airport stage 2	Incheon	B2/5F	192,757	Reside	2004.09.~2008.08.
Wangsimni civil station	Seoul	B3/9F	86,596	Reside	2005.11.~2008.12.
Uijeongbu civil station	Uijeongbu	B2/11F	146,677	Reside	2007.12.~2012.07.
Gwangju terminal complex	Gwangju	B3/4F	52,549	Reside	2008.04.~2009.04.
Goyang depot repair facility	Goyang	3F	76,462	Reside	2008.04.~2009.12.
Seolleung-dong 10 stations subway platform	Seoul	—	—	Normal	2009.03.~2011.11.
Samsung Giheung parking tower	Yongin	2F	36,696	Reside	2010.02.~2010.11
Busan main office parking tower	Busan	B5/42F	347,609	Reside	2013.03.~2013.10.
Samsung DSR parking tower	Hwaseong	5F	55,240	Reside	2013.12.~2014.04.
Bundang line Hanti station etc. 4 stations PSD	Seongnam, etc	B4	13,055	Reside	2015.06.~2015.01.
Seongnam~Yeoju double track rail Ssangdong and 1 other station	Gwangju	1F	1,920 and other	Normal	2014.11.~2016.06.
Busan~Ulsan double track rail Gijangand 2 other stations	Busan	3F	2,715 and other	Normal	2014.11.~2016.12.
Daegu metro line 1 west extension	Daegu	B3	7,477and other	Normal	2014.06.~2016.07.
Incheon Int' l airport stage 3 T2 facility	Incheon	B4/2F	138,714	Reside	2014.11.~2018.01.
Capital area metro Suseo station	Seoul	B2/3F	35,511	Reside	2014.12.~Present
Seoul subway line 9 919 zone	Seoul	B2	7,833 and other	Normal	2016.10.~Present

Fire protection system supervision result current state of affairs

▶ Power station · factory and storage

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Hadong thermal power plant (1~6)	Hadong	—	—	Reside	1996.01.~2001.11.
Taeon thermal power plant (1~6)	Taeon	—	—	Reside	1996.02.~2002.03.
Dangjin thermal power plant (1~4)	Dangjin	—	—	Reside	1997.01.~1999.02.
Taeon thermal power plant 7,8	Taeon	B1/5F	236,203	Reside	2005.05.~2007.10.
Samsung Giheung 8Line FAB building	Yongin	9F	116,458	Reside	2005.11.~2006.05.
Hyundai steel Dangjin factory	Dangjin	B1/4F	209,355	Reside	2005.12.~2006.09.
StatsChipPac Korea Deokpyeong 2 nd factory	Icheon	B1/4F	19,708	Normal	2007.05.~2007.11.
Korea agro-fisheries&food trade corporation Pyeongtaek storage	Pyeongtaek	2F	17,250	Normal	2007.05.~2008.06.
Samsung East Seoul distribution center	Namyangju	4F	18,430	Normal	2007.06.~2008.03.
Dongwoo fine-chem M-2	Pyeongtaek	4F	52,259	Reside	2006.07.~2007.09.
DHL Incheon hub distribution center	Incheon	4F	19,946	Normal	2007.11.~2008.09.
Lotte mart Gimhae distribution center	Gimhae	B1/4F	54,934	Reside	2007.12.~2008.12.
LG Display M building	Paju	7F	56,952	Reside	2008.02.~2008.09.
Renault Samsung Haman distribution center	Haman	B1/2F	35,484	Reside	2008.05.~2009.06.
LG Display P6E	Gumi	B1/8F	16,194	Normal	2008.07.~2008.10.
LS cable & system Donghae factory	Donghae	5F	46,579	Normal	2009.01.~2009.08.
Central region distribution terminal	Cheongwon	B1/6F	43,520	Reside	2009.05.~2010.07.
LSIS Busan factory	Busan	3F	44,300	Reside	2009.07.~2010.02.
Doosan heavy industry atomic plant	Changwon	3F	65,579	Reside	2009.08.~2010.05.
Uju electronics Hwaseong factory	Hwaseong	B1/2F	27,955	Normal	2009.10.~2010.09.
Samsung Cheonan SP extension	Cheonan	B1/6F	41,140	Reside	2010.04.~2011.01.
Gumi LG Electronics Board Ass'y	Gumi	B1/3F	82,296	Reside	2010.05.~2011.07.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Samsung Giheung establishment G1-PJT	Yongin	7F	41,392	Reside	2011.03.~2012.01.
Delkor Gumi factory	Gumi	B1/2F	24,021	Normal	2011.04.~2011.11.
Samsung Giheung Factory G1-PJT Quality	Yongin	7F	41,392	Reside	2011.04.~2011.09.
LG electronics Pyeongtaek Mold Technology Center	Pyeongtaek	B1/3F	25,106	Normal	2011.06.~2011.12.
Samsung SDS ICT Suwon center	Suwon	B1/7F	41,981	Normal	2011.06.~2012.07.
TTK Gumi Phase 2 PJT	Gumi	2F	22,504	Normal	2011.08.~2012.07.
LG electronics Gumi Mdule	Gumi	B1/3F	95,008	Reside	2011.08.~2012.11.
Edison bio Package-1	Incheon	B1/8F	68,269	Reside	2011.08.~2012.11.
Lottesuper Singal distribution center	Yongin	B1/4F	21,321	Reside	2011.10.~2012.03.
SK Chemical Andong vaccine factory	Andong	2F	20,188	Normal	2012.04.~2012.11.
Descente Anseong distribution center	Anseong	B1/5F	21,500	Normal	2012.11.~2013.03.
Busan Samsung electro-mechanics new raw material building CM	Busan	4F	30,832	Reside	2014.02.~2014.06.
Bukpyeong thermal power plant 1,2	Donghae	-	90,000	Reside	2014.02.~2017.10.
Samsung 5 line Retrofit	Yongin	B1/2F	32,657	Reside	2014.08.~2015.04.
Universal Logistics INC. Dongtan distribution center	Hwaseong	7F	23,693	Normal	2014.09.~2015.10.
Lotte Chilsung beverage Chungju Beer factory 2 nd	Chungju	1F	92,309	Reside	2015.03.~2017.06.
Samsung MR2 development building lower floor	Hwaseong	B1/9F	106,871	Reside	2015.06.~2015.11.
Amorepacific Daejeon distribution center	Daejeon	B2/4F	78,838	Reside	2015.08.~2016.12.
LG electronics Pyeongtaek chiller factory	Pyeongtaek	3F	42,889	Reside	2016.01.~2016.10.
Serveone Pyeongtaek distribution center	Pyeongtaek	3F	36,207	Reside	2016.04.~2016.10.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Amore Pacific MC Business Center in Daejeon	Daejeon	B1/F4	32,298	Reside	2017.02.~2018.04.
Hankooktire Geumsan Factory Thermal Decomposition Facility	Geumsan	4F	5,101	Normal	2017.03.~2017.10.
Samsung Cheonan L5 Line PJT	Cheonan	7F	393,641	Reside	2017.04.~2017.12.
CJ Korea Express Airport Special Service Center	Incheon	B1/5F	23,718	Normal	2017.09.~2018.03.
Ulsan Hyundai Wind Power Plant	Ulsan	2F	1,101	Normal	2017.11.~2018.06
CJ Cheongju Sunnam Plant	Sungnam	B1/6F	19,445	Normal	2018.01.~2018.02.
Incheon Production Base Substation Fire extinguishing equipment	Incheon	2F	2,616	Normal	2018.01.~2020.03.
Hana Materials Asan Business Station	Asan	B1/3F	7,332	Normal	2018.03.~2018.12.
HL Green Power Chungju Factory	Chungju	3F	38,905	Normal	2018.04.~2018.08.
Samsung Pyeongtaek P2 FAB	Pyeongtaek	B1/8F	587,209	Reside	2018.05.~2021.11
Samsung Pyeongtaek P2, V2 EUV	Pyeongtaek	B1/9F	175,033	Reside	2018.05.~2023.05
Samsung Pyeongtaek P2, V2 154KV	Pyeongtaek	B1/4F	34,063	Reside	2018.06.~2023.03
Samsung Pyeongtaek P2, V2 UT	Pyeongtaek	B1/5F	98,137	Reside	2018.10.~2022.03
Samsung Pyeongtaek P2, Green	Pyeongtaek	B2/2F	31,895	Reside	2018.10.~2021.08
Lam Research Gajang actory	Osan	B1/4F	7,162	Reside	2018.11.~2019.04
Samsung Pyeongtaek P2 GCS	Pyeongtaek	B1/6F	124,035	Reside	2018.11.~2020.02
Samsung Pyeongtaek water purification plant	Pyeongtaek	B3/3F	17,321	Normal	2018.11.~2020.02
Green Cross MS Jincheon Plant	Eumsung	2F	7,555	Normal	2018.12.~2019.07
Juksan Logistics Park	Ansung	B1/3F	96,562	Reside	2019.05.~2020.02
Hyundai Steel Dangjin three-cured exhaust gas cleaning	Dangjin	5F	11,183	Reside	2019.07.~2020.05

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
DuPont Koera CMPT Pad BE PJT	Cheonan	2F	3,326	Normal	2019.07.~2021.01
Yeongam Solar Power Plant	Yeongam	1F	10,851	Normal	2019.08.~2020.06
Cheonan Gas Fire Extinguishing Equipment Improvement Stage 2	Cheonan	B1/6F	2,534	Normal	2019.11.~2020.12
Arenas Yeongjong Air Logistics Center	Incheon	5F	190,288	Reside	2019.12.~2021.01
Lotte Central MEGA HUB Terminal	Jincheon	4F	166,998	Reside	2020.01.~2021.04
Lotte Yangsan Integrated Logistics Center	Yangsan	7F	46,986	Reside	2020.01.~2021.06
Samsung Pyeongtaek CT-2	Pyeongtaek	1F	21,257	Normal	2020.03.~2021.09
Korea Gas Corporation Incheon Production Base	Incheon	B1/13F	68,124	Reside	2020.10.~2021.08.
Cheonan Gas Fire Extinguishing Equipment Improvement Stage 3	Cheonan	B1/6F	2,534	Normal	2021.01.~2022.03
Busan Logistics Center	Busan	B5/1F	77,912	Reside	2021.02.~2022.03
Yangju Okjeong Knowledge Industry Center	Yangju	B2/5F	75,470	Reside	2021.05.~2022.06
Samsung Giheung SR1 Building Improvement Work	Yongin	B1/8F	5,229	Normal	2021.06.~2022.05
Warehouse in Daepo-ri, Yangchon-eup, Gimpo-si	Gimpo	B2/5F	34,357	Reside	2021.07.~2022.05
Icheon Gunryang-ri Distribution Center	Icheon	B2/4F	42,768	Normal	2021.07.~2022.06
Samsung Giheung Green 2	Yongin	B1/2F	6,647	Normal	2021.07.~2022.09
Korea Gas Corporation Incheon Production Base	Incheon	B1/13F	68,124	Normal	2021.08.~2022.04
Gwacheon Knowledge Information Town 3BL	Gwacheon	B5/15F	110,122	Reside	2021.08.~2023.05.
Yeongdeungpo 6-ga 145 Beonji area Knowledge Industry Center	Seoul	B4/11F	38,870	Reside	2021.08.~2023.08.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(㎡)		
Godeokgangil 6BL Center	Seoul	B4/20F	68,785	Reside	2021.08.~2023.08
Haesung Industrial Dongtan Logistics Center	Hwaseong	B1/3F	26,399	Normal	2021.12.~2023.06
Bukseong-dong Integrated Research Center	Incheon	B1	5,332	Normal	2021.12.~2022.08
Samsung Giheung 3Line 3F EDS	Yongin	B1/3F	6,817	Normal	2021.12.~2022.11
Anseong Seongeun-ri Distribution Center	Anseong	B2/4F	38,756	Reside	2022.02.~2023.01
Samsung Pyeongtaek P4 FAB	Pyeongtaek	B1/8F	704,735	Reside	2022.03.~Present
Samsung Cheonan C-PJT	Cheonan	B1/7F	92,481	Reside	2022.03.~Present
Samsung Pyeongtaek P4 154KV	Pyeongtaek	B1/5F	38,623	Reside	2022.04.~Present
Samsung Pyeongtaek P4 Green	Pyeongtaek	B1/5F	106,607	Reside	2022.04.~Present
LG Energy Solution Ochang Plant 2 Palas MP	Cheongju	2F	79,828	Reside	2022.05.~Present
Yeoju H1 Distribution Center	Yeoju	B2/4F	34,687	Reside	2022.07.~Present
Samsung Onyang Logistics Electrical	Onyang	B1/3F	318	Normal	2022.08.~2022.12
Samsung Electronics Giheung UT	Hwaseong	B1/2F	9,570	Normal	2022.08.~2023.05
Goyang Samsung 5-2BL	Goyang	B3/9F	130,991	Reside	2022.10.~Present
Samsung Hwaseong Service	Hwaseong	2F	3,087	Normal	2022.11.~2023.05.
LGEnergySolution Ochang Plant 2 Safety Environment 2	Cheongju	2F	9,945	Normal	2022.11.~2023.06
Gwacheon Knowledge Information Town 4-1BL	Gwacheon	B1/15F	18,926	Normal	2022.11.~2023.10.
Gyeongsan 4 Logistics Cente	Gyeongsan	B2/6F	196,943	Reside	2022.11.~Present
Logistics Warehouse in Ogung-ri, Gamgok-myeon	Eumseong	B1/3F	50,503	Reside	2023.01.~Present

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Samsung Pyeongtaek Termination Plant	Pyeongtaek	B1/3F	9,080	Reside	2023.01.~Present
Bangchori Distribution Center	Anseong	B2/3F	36,215	Reside	2023.02.~Present
Samsung Onyang 4L 6F PKG	Onyang	6F	2,270	Normal	2023.03.~2023.10.
Hwanin constraint Anseong factory(GMP)	Anseong	4F	8,653	Normal	2023.04.~Present
Dangerous Goods Storage in Cheonan 2nd Logistics Center	Cheonan	B1/1F	5,460	Normal	2023.06.~Present
Samsung Pyeongtaek P2 FAB EDS 4F	Pyeongtaek	4F	6,681	Reside	2023.07.~Present
Asan, FMM Yangsan Plant	Yangsan	B1/3F	17,797	Normal	2023.10.~Present
Samsung Electronics Onyang 4L 6F FRONT	Onyang	6F	7,486	Normal	2023.11.~Present

Fire protection system supervision result current state of affairs

► Attraction · Assembly and education facility

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Busan Asiad main stadium	Busan	B2/2F	63,826	Reside	2001.06.~2002.04.
Daegu opera house	Daegu	B2/4F	17,189	Normal	2002.01.~2003.06.
Samsung DM laboratory	Suwon	B5/37F	212,298	Reside	2004.03.~2005.09.
Hyundai motor Namyang lab PILOT building 2	Hwaseong	3F	57,565	Reside	2004.11.~2005.09.
LG CNS Sangam office	Seoul	B4/12F	44,219	Reside	2005.11.~2006.12.
LG electronics Gasan-dong DA lab	Seoul	B5/20F	71,458	Reside	2005.11.~2007.08.
Konkuk univ. 2 nd bioscience building	Seoul	B3/8F	16,976	Normal	2006.01.~2008.01.
Konkuk univ. biomedical research building	Seoul	B4/8F	18,901	Normal	2006.01.~2007.02.
Ewha univ. underground campus	Seoul	B6/1F	68,992	Reside	2006.06.~2008.01.
Samsung S/W laboratory	Suwon	B1/7F	39,708	Reside	2006.09.~2007.12.
Seoul univ. Ungin R&D center	Seoul	B2/6F	12,207	Normal	2006.10.~2007.11.
Donga univ. Bumin campus lecture hall	Busan	B3/15F	38,677	Reside	2006.11.~2008.07.
Sungkyunkwan univ. natural science campus	Suwon	B1/8F	30,185	Reside	2006.12.~2008.02.
Yonsei univ. 120 th anniversary digital library	Seoul	B3/6F	33,428	Reside	2006.12.~2008.03.
Hyundai motor Uiwang lab	Uiwang	B3/20F	112,988	Reside	2006.12.~2008.11.
Yonsei univ.new general hall	Seoul	B7/4F	33,532	Reside	2007.01.~2008.03.
Sungkyunkwan univ. library	Suwon	B2/7F	23,742	Normal	2007.04.~2008.10.
Jeonju post office construction	Jeonju	B1/10F	14,490	Normal	2007.06.~2009.12.
Busan circle national univ. dormitory	Busan	B3/20F	30,921	Reside	2007.08.~2009.01.
Konjiam resort ski venue	Gwangju	B1/4F	44,486	Reside	2007.09.~2008.11.
Kyungdong high and other 7 school BTL	Seoul	B1/5F	18,363	Reside	2008.02.~2010.02.
LG Gasan digital center	Seoul	B1/13F	75,040	Reside	2008.04.~2009.04.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
IBK Chungju training institute	Chungju	B2/5F	54,819	Reside	2008.06.~2011.06.
Sekyo elementary and other 5 school BTL	Pyeongtaek	4F and others	7,970 and others	Normal	2008.08.~2009.08.
Kyungwon univ. vision tower	Seongnam	B4/7F	69,431	Reside	2008.08.~2010.04.
Samsung Tech one R&D center	Seongnam	B4/6F	58,584	Reside	2008.09.~2009.08.
Motorboat racing training center	Incheon	4F	13,774	Normal	2008.09.~2011.02.
Yeoncheon literature hall	Yeoncheon	B1/3F	14,615	Normal	2008.11.~2010.09.
Gwacheon welfare center and cultural center	Gwacheon	B2/3F	12,633	Normal	2008.12.~2011.05.
Gyeonggi-do child museum	Yongin	B1/3F	10,619	Normal	2008.12.~2010.08.
Anyang science univ. dormitory	Anyang	B3/13F	27,395	Normal	2009.02.~2010.11.
Training institute for court officials dormitory	Goyang	B1/8F	20,723	Normal	2009.02.~2010.06.
Shinhan life insurance training institute	Cheonan	B2/3F	12,938	Normal	2009.02.~2009.11.
Goeup 2 elementary and 2 other school BTL	Yangju	4F	28,175	Normal	2009.07.~2010.03.
KIST Jeonbuk branch	Wanju	B1/4F	28,108	Normal	2009.09.~2012.08.
Chungbuk techno park future convergence technology hall	Cheongwon	B1/4F	11,053	Normal	2009.11.~2010.11.
Samsung Giheung lab	Yongin	B2/14F	76,256	Reside	2010.03.~2011.04.
Hankuk univ. of foreign studies underground complex	Seoul	B3/13F	12,381	Normal	2010.09.~2011.09.
Korea univ. media hall construction	Seoul	B2/12F	11,581	Normal	2010.09.~2011.08.
Eulji univ. Beomseok hall and gym	Seongnam	B4/7F	31,537	Reside	2011.04.~2012.08.
Samsung next generation lab	Suwon	B5/27F	297,472	Reside	2011.05.~2013.05.
Samchully tech lab	Osan	B2/4F	15,273	Normal	2011.06.~2012.06.
Jungwon excavated relics storage center	Chungju	B1/3F	11,554	Normal	2011.06.~2013.10.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Sungkyunkwan natural science campus industrial-educational cooperation center	Suwon	B1/7F	15,438	Normal	2011.08.~2013.05.
Pangyo silicon park Techno Semichem office	Seongnam	B4/9F	15,459	Normal	2011.08.~2012.08.
SBC small business training institute	Taebaek	B1/4F	10,634	Normal	2011.09.~2014.08.
Korea univ. Hyundai motor management building G50	Seongbuk	B4/5F	15,484	Normal	2012.01.~2013.05.
Samsung DSR-PROJECT	Hwaseong	B5/28F	330,500	Reside	2012.01.~2013.12.
Hyundai motor Namyang lab electronic development building	Hwaseong	B1/4F	17,758	Normal	2012.04.~2012.12.
Samsung material lab	Suwon	B2/6F	158,559	Reside	2012.06.~2013.10.
Cyber Hankuk univ. of foreign studies	Seoul	B2/8F	16,501	Normal	2012.08.~2013.08.
Hyundai motor Uiwang lab expansion	Uiwang	20F	20,501	Reside	2012.08.~2013.10.
Samsung Seochon training institute	Yongin	B2/5F	82,645	Reside	2012.08.~2014.06.
Samsung Umyeon R&D center	Seoul	B5/10F	345,458	Reside	2012.09.~2015.11.
Samsung heavy industry Pangyo R&D center	Seongnam	B5/8F	56,356	Reside	2013.05.~2014.10.
Samsung fire & marine insurance Goyang training institute	Goyang	B1/4F	29,773	Reside	2013.05.~2014.11.
Samsung Umyeon area 2 R&D center	Seoul	B5/10F	161,366	Reside	2013.05.~2015.08.
Edison project Plant-2	Incheon	5F	90,160	Reside	2013.11.~2015.02.
Korea univ. Hana science hall	Seoul	B2/7F	31,354	Reside	2014.01.~2015.01.
Sejong univ. dormitory	Seoul	B5/13F	29,760	Normal	2014.02.~2015.03.
Great faith church ogeum-dong temple remodeling	Seoul	B4/7F	20,893	Normal	2014.02.~2016.01.
Hongik univ. Seoul campus dormitory	Seoul	B4/24F	35,243	Reside	2014.03.~2015.11.
Sungkyunkwan IBS center	Suwon	B2/8F	27,575	Normal	2014.06.~2015.08.
Social service agent training institute	Boeun	—	26,916	Normal	2013.09.~2015.12.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m²)		
Lotte world mall concert hall	Seoul	7~12F	33,209	Reside	2014.10.~2017.02
LG science park DP3	Seoul	B4/9F	384,646	Reside	2015.04.~2017.11.
Samsung DSR C	Hwaseong	28F	61,710	Reside	2015.07.~2017.04.
Gangnam Severance hospital professor research building	Seoul	B5/6F	11,570	Normal	2015.10.~2017.01.
Gwanggyo business Block 3 G-well homes studio flat	Yongin	B2/8F	29,980	Reside	2015.11.~2016.12.
Kyunghee univ. SPACE21	Seoul	B3/10F	46,210	Reside	2015.12.~2017.07.
Magok Kolon Future Technology	Seoul	B4/10F	76,349	Reside	2016.03.~2018.01
Samsung biologics Edison3	Incheon	5F	110,183	Reside	2016.04.~2017.11.
Hanwha Life 2nd Training Center	Yongin	B4/4F	29,615	Normal	2016.08.~2018.10
Magok Nexen R&D Center	Seoul	B2/7F	50,000	Reside	2017.11.~2019.03
JTBC Studio Ilsan, JoongAng Holdings	Goyang	B1/6F	22,465	Normal	2018.01.~2018.12.
Hyundai Motor Uiwang Research Institute Production Technology	Uiwang	3F	13,573	Normal	2018.01.~2018.05.
Korea Univ. Sejong Campus	Sejong	B1/5F	37,124	Normal	2018.04.~2020.01
Hyundai Motor Namyang Research Center Electric Power Technology	Hwaseong	4F	11,233	Normal	2018.06.~2019.08.
Hankuk Univ. Seoul Campus Library	Seoul	B1/6F	5,495	Normal	2018.11.~2020.02.
Yeokse Middle School	Gwangmyeong	B1/4F	9,657	Normal	2019.03.~2020.02.
Ssangryeong1 Elementary School	Gyeonggi1 -Gwangju	B1/5F	12,968	Normal	2019.03.~2020.03
National Research Institute of Cultural Heritage Excavated Antiquities Center	Daejeon	B1/5F	6,919	Normal	2019.03.~2020.06.
KOTRA IKP Foreign Enterprise Start-up Support Research Center	Seoul	B2/9F	12,269	Normal	2019.06.~2020.01.
Lotte Human Resources Development Institute Osan Campus	Osan	B2/4F	56,418	Reside	2019.10.~2021.11.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m²)		
Jichuk Middle School	Goyang	B1/4F	11,680	Normal	2020.03.~2021.02.
Catholic Univ. memorial hall	Seoul	B5/8F	388,645	Reside	2020.06.~2022.03.
Daesang Magok Research Institute	Seoul	B2/8F	35,432	Reside	2021.01.~2022.04.
Hyundai Motor Namyang Research Center Environmental Vehicle 1	Hwaseong	3F	13,774	Normal	2022.05.~2022.10.
Hyundai Motor Namyang Research Institute's PT Sun Behavior	Hwaseong	2F	6,985	Normal	2022.06.~2023.01.
Hyundai Motor Namyang Research Center Environmental Vehicle2	Hwaseong	3F	5,770	Normal	2023.02.~2023.06.
D40-2 Research Facility in Magok General Industrial Complex	Seoul	B4/5F	13,075	Normal	2023.04.~Present

Fire protection system supervision result current state of affairs

► Military installations

Building Name	Location	Size		Category	Duration
		Floors	Area(㎡)		
Nonsan army training center (2006-3029)	Nonsan	B1/3F	37,884	Normal	2006.08.~2008.12.
Haeundae air force R&R center	Busan	B4/16F	15,698	Normal	2006.12.~2009.06.
Air force Yecheon airport	Yecheon	B1/2F	25,803	Normal	2007.12.~2009.12.
OOO barracks	Seoul	B1/4F	14,012	Normal	2008.12.~2009.10.
08-Jang Bogo-II	Jinhae	-	12,965	Reside	2008.12.~2010.09.
08-OO main building command post	Yeongam	B2/4F	8,320	Reside	2008.12.~2010.06.
OOO transfer enterpriser (5th maintenance depot)	Icheon	-	30,510	Normal	2009.02.~2011.04.
09-Pyeongchang training ground	Pyeongchang	B1/4F	6,285	Normal	2009.02.~2010.10.
09-Gyo(Pohang training corps)	Pohang	-	-	Normal	2009.05.~2010.11.
09-B(Baengnyeongdo island)	Incheon	-	-	Normal	2009.05.~2010.12.
Air force Yecheon official residence and barracks facility	Yecheon	B3/8F	23,892	Normal	2009.06.~2010.09.
(1331-305)-09-2,76	Daegu	-	28,599	Normal	2009.10.~2012.05.
Gimhwa official residence and barracks facility BTL	Cheorwon	B1/4F	10,632	Normal	2009.11.~2011.12.
000 processing center	Seongnam	B2/4F	10,695	Normal	2010.02.~2011.07.
Yongsan 201 business facility construction	Yongsan	B4/10F	72,082	Reside	2010.04.~2012.08.
Busan.Pohang official residence and barracks facility	Busan and others	B1/4F	53,351	Normal	2010.09.~2012.04.
Hongcheon.Inje official residence and barracks facility	Hongcheon and others	B1/15F	59,924	Normal	2010.12.~2012.12.
3Army barracks facility	Yongin	B1/2F	2,466	Normal	2010.12.~2013.04.
Daegu.Yeongcheon unit official residence and barracks facility BTL	Daegu and others	B1/4F	48,444	Normal	2013.09.~2015.06.
High1 Waterworld	Gangwon	B2/3F	27,237	Reside	2013.12.~2018.06.

Fire protection system supervision result current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(㎡)		
Seoul Naval Center	Seoul	B2/5F	12,886	Normal	2018.11.~2019.04.
Pocheon Lassa Country Club	Pocheon	B1/1F	8,274	Normal	2019.03.~2020.03.
Seoul Club Renovation	Seoul	B2/3F	7,143	Normal	2019.12.~2020.07.
High1 Waterworld	Gangwon	B2/3F	27,237	Reside	2013.12.~2018.06.

Electrical system Supervision current state of affairs

► Residence facilities

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Pangyo residential complex Summit place	Seongnam	B2/18F	70,474	Reside	2011.02.~2012.11.
Korea fire officials credit union Daechon accomations	Boryeong	B2/9F	7,994	Normal	2014.07.~2015.05.
Gomae-dong training institute	Yongin	B1/4F	5,284	Normal	2014.07.~2015.06.
Haeundae Tourist Hotel in Busan	Busan	B2/19F	8,546	Reside	2017.02~2018.09.
Changwon Middle East Uni City Evans	Changwon	B5/38F	146,106	Reside	2017.05.~2019.12.
Yeosu Ungcheon Island Complex	Yeosu	29F	129,532	Reside	2018.02.~2020.05.
M8 Block Hallim Full Ever Apartment House	Sejong	B2/29F	95,101	Reside	2021.04.~2023.08.
Asan Yonghwa Namsan District 2 Apartment House	Asan	B3/24F	110,291	Reside	2021.04.~Present
Namak New Town Oryong District 41 Block Apartment House	Gwangju	B2/25F	90,199	Reside	2021.12.~Present
Changwon Anmin Public Support Private Rental Housing2 complexes	Changwon	B2/25F	80,612	Reside	2022.07.~Present

Electrical system Supervision current state of affairs

► Other facilities

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
4-7 Blocks of Pangyo Housing Development District	Seongnam	B4/9F	50,560	Reside	2010.03.~2011.11.
Sihwa Complex Business Center	Siheung	B1/13F	15,837	Reside	2010.07.~2012.11.
Seocho-dong 1688-1 business facility	Seoul	B5/14F	9,657	Reside	2015.07.~2016.09.
Hyundai motor Jeju office electric room improvement	Jeju	—	—	Normal	2015.11.~2015.12.
Hyundai motor Chungju office electric room improvement	Chungju	—	—	Normal	2015.11.~2015.12.
Gwanggyo business Block 3 G-well homes studio flat	Yongin	B2/8F	29,980	Reside	2015.11.~2016.12.
Wiryae central station central tower	Seongnam	B6/14F	96,337	Reside	2015.12.~2017.05.
Kyunghee univ. SPACE21	Seoul	B3/10F	46,210	Reside	2015.12.~2017.08.
Goyang Samsung 9Block studio flat	Goyang	B4/49F	191,800	Reside	2016.07.~2019.06.
Daechi-dong Daemyung Luceen	Seoul	B6/20F	45,636	Reside	2016.12.~2017.08.
Ilsan Janghang-dong Life Center	Goyang	B8/13F	72,725	Reside	2017.03.~2019.09.
CJ Logistics Incheon Airport Express Center	Incheon	B1/5F	23,718	Normal	2017.09.~2018.03.
Hana Materials Asan Plant	Asan	B1/3F	7,332	Normal	2018.03.~2018.12.
HL Green Power Chungju Factory	Chungju	3F	38,905	Normal	2018.04.~2018.08.
Sejong Campus of Korea University	Sejong	B1/5F	37,124 and others	Reside	2018.04.~2020.01.
Hyundai Motor Cheongju Service Center Mobis Warehouse	Cheongju	2F	1,283	Normal	2018.09.~2019.04.
HanChulwoo Solar Power Plant	Kimpo	—	—	Normal	2018.09.~2018.11.
Environmental Improvement in Singal Shipment Center Inspection Building	Yongin	1F	2,981	Normal	2018.10.~2018.12.
Gwangjin Solar Power Plant	Nonsan	—	—	Normal	2018.10.~2019.01.
Anseong Hydrogen Charging Station	Anseong	1F	356	Normal	2018.12.~2019.03.
Business Complex, Bupyeong-dong, Bupyeong-gu, Incheon	Incheon	B7/27F	74,083	Reside	2018.12.~2021.05.

Electrical system Supervision current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Hanam Missa Jok 13-1BL Knowledge Industry Center	Hanam	B4/10F	24,186	Reside	2019.05.~2021.02.
Hyundai Motor Company's Garak Office	Seoul	B2/4F	1,462	Normal	2019.06.~2020.07.
Seoul Club Renovation	Seoul	B2/3F	7,413	Normal	2019.12.~2020.04.
Dasan Now District 6BL Knowledge Industry Center	Namyangju	B4/10F	249,684	Normal	2020.03.~2022.05.
Gasan-dong 2336-19 Neighborhood Living Facilities	Seoul	B1/8F	1,432	Normal	2020.05.~2021.04.
Daesang Magok Research Institute	Seoul	B2/8F	35,432	Reside	2021.01.~2022.04.
Pangyo Telechips Company	Seongnam	B5/12F	30,956	Normal	2021.02.~2022.10.
Dongtan Support 29-1BL Knowledge Industry Center	Hwaseong	B1/21F	49,881	Reside	2021.04.~2023.06.
Cheongju/Daegu Center Water Supply Capacity Exoansion	Cheongju /Daegu	—	—	Normal	2021.06.~2021.80.
Icheon Gunryang-ri Distribution Center	Icheon	B2/4F	42,768	Reside	2021.07.~2022.06.
Genesis EV Charging Station Electric Vehicle Charging Station	Seoul	—	—	Normal	2021.07.~2021.12.
Gwacheon Knowledge Information Town 3BL	Gwacheon	B5/15F	110,122	Normal	2021.07.~2023.05.
Yeongdeungpo 6-ga 145 Beonji area Knowledge Industry Center	Seoul	B4/11F	38,870	Reside	2021.08.~2023.08.
Gwacheon Knowledge Information Town 7-1,2BL	Gwacheon	B5/15F	110,256	Reside	2021.08.~2023.11.
Godeokgangll Jajok 6BL Knowledge Industry Center	Seoul	B4/20F	67,785	Reside	2021.08.~2023.08.
Yangjae Daycare Center Expansion	Seoul	—	469	Reside	2021.10.~2022.06.
Haesung Industrial Dongtan Logistics Center	Hwaseong	B1/3F	26,399	Reside	2021.12.~2023.06.
Gwacheon Knowledge Information Town 4-6BL K-Sign Office Building	Gwacheon	B1/14F	1,077	Reside	2022.01.~2023.10.
Anyang EPOCH Data Center	Anyang	B3/9F	33,710	Reside	2022.01.~2024.03.
Godeok Kangil Distribution and Sales Facilities Site 1BL	Seoul	B1/21F	301,123	Reside	2022.03.~Present
Garam Tower Suite Officetel, Seo-gu, Incheon	Incheon	B3/10F	17,957	Reside	2022.07.~Present
Yeoju H1 Distribution Center	Yeoju	B2/4F	34,687	Reside	2022.07.~Present
Goyang Samsung 5-2BL Knowledge Industry Center	Goyang	B3/9F	130,991	Reside	2022.10.~Present

Electrical system Supervision current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Magok R&D Center	Seoul	B4/10F	38,448	Reside	2023.01.~Present
Electric Vehicle Charging Station Gupabal Station	Seoul	7F	22,250	Normal	2023.03.~2023.05.
D40-2 Research Facility at Magok General Industrial Complex	Seoul	B4/5F	13,075	Reside	2023.04.~Present
Electric vehicle charging station Sihwanaerae Rest Area	Ansan	—	—	Normal	2023.05~2023.09.
Electric Vehicle Charging Station Anyang Agricultural and Fishery Wholesale Market	Anyang	—	—	Normal	2023.07.~2023.10.
Electric Vehicle Charging Station E-Mart Jeonju Branch	Jeonju	—	—	Normal	2023.07.~2023.10.
Namyang Research Institute of Electric Vehicle Charging Station	Hwaseong	—	—	Normal	2023.07.~2023.10.
Suwon High-Tech Center	Suwon	—	51,653	Reside	2023.07.~Present
Seoul Southern Branch of the Korea Electric Vehicle Charging Station Labor Welfare Corporation	Seoul	—	—	Normal	2023.08.~2023.11.
Electric Vehicle Charging Station Wonju Oak Valley	Wonju	—	—	Normal	2023.08.~2023.11.
Siegen Medical Foundation Seoul Main Building Remodeling and Application Change	Seoul	B6/19F	55,334	Reside	2023.09.~Present

Communication & machine suiteamresult current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Unampurmia Apartment Uijeongbu Communications	Uijeongbu	12F	12,866	Normal	2008.02.~2009.04.
102-1 Villa, Cheongdam-dong Communications	Seoul	B3/7F	6,230	Normal	2008.12.~2009.12.
Recycling center and senior citizen center Communications	Seoul	B2/5F	2,591	Normal	2009.02.~2010.05.
09-Pyeongchang Training Center Communications	Pyeongchang	B1/4F	6,285	Normal	2009.02.~2010.10.
Busan Regional Headquarters of the National Health Insurance Corporation Communications	Busan	B3/8F	13,997	Normal	2009.05.~2010.12.
AC-Block Apartment in Hangang New Town Communications	Gimpo	B2/26F	104,901	Normal	2009.07.~2012.05.
Kumho Eoulim Apartment in Unseo District Communications	Incheon	B2/13F	36,993	Normal	2009.07.~2009.09.
Space Electronics Hwaseong Factory Communications	Hwaseong	B1/2F	27,955	Normal	2009.10.~2010.09.
Agricultural and Marine Products Distribution Center Communications	Yangsan	B1/2F	12,854	Normal	2009.11.~2011.09.
1264-4 plant expansion in Jeongwang-dong Communications	Uiwang	2F	1,613	Normal	2010.02.~2010.04.
Pangyo Housing Development District 4-7 Block Communications	Seongnam	B4/9F	50,560	Reside	2010.03.~2011.11.
Construction of Antiquities Exhibition Hall and Cultural Center Communications	Yangsan	-	7,200	Normal	2010.05.~2012.09.
Pangyo Residential and Commercial Complex Summit Place Communications	Seongnam	B2/18F	70,474	Reside	2011.02.~2012.11.
Yonsei University Rehabilitation School Communications	Seoul	B1/4F	5,075	Normal	2011.02.~2011.08.
Jangseong Laser Industry Support Center Communications	Jangseong	B1/3F	3,550	Normal	2012.05.~2013.07.
A14 block apartment in Gyoha New Town, Paju Communications	Paju	B2/30F	327,281	Reside	2012.08.~2014.11.
Seoul National University College of Pharmacy New Drug Development Center Communications	Seoul	B1/5F	8,969	Normal	2012.12.~2014.08.
Hong Je-dong University Student Union Dormitory Communications	Seoul	B1/7F	7,808	Normal	2013.07.~2014.08.
Paju Dang-dong Apartment Communications	Paju	B2/22F	168,936	Reside	2014.06.~2015.10.
Daecheon Accommodation Facility of the Korea Fire Insurance Cooperative Communications	Boryeong	B2/9F7	7,994	Normal	2014.07.~2015.05.
Gomae-dong Training Center in Yongin-si Communications	Yongin	B1/4F	5,284	Normal	2014.07.~2015.06.
1688-1 business facility in Seocho-dong Communications	Seoul	B5/14F	9,657	Reside	2015.07.~2016.09.

Communication & machine suiteamresult current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Namyang New Town B13 Block Apartment Communications	Hwaseong	B2/23F	66,101	Reside	2015.08.~2017.12.
Incheon Sejong Hospital Communications	Sejong	B2/10F	38,737	Normal	2015.09.~2017.01.
9 blocks of Goyang Samsung Communications	Goyang	B4/49F	191,800	Reside	2016.07.~2019.06.
Hanwha Life Insurance's 2nd Training Center Communications	Yongin	B4/4F	29,615	Normal	2016.08.~2018.10.
Magok Kolon Future Technology Institute Communications	Seoul	B4/10F	76,349	Reside	2017.01.~2017.12.
Gaepo Jugong Complex 3 Housing Redevelopment Apartment Communications	Seoul	B3/33F	231,904	Reside	2017.01.~2019.08.
Haeundae Tourist Hotel in Busan Communications	Busan	B2/19F	8,546	Reside	2017.02.~2018.09.
Ilsan Janghang-dong Life Center Communications	Ilsan	B8/13F	72,725	Reside	2017.03.~2019.09.
Changwon Middle East University Urban Briggs Communications	Changwon	B5/38F	146,106	Reside	2017.05.~2019.12.
Ami Opistel, Bubal, Icheon Communications	Icheon	B4/10F	40,346	Reside	2017.05.~2019.03.
Goyang Samsung M2 Block Dongwon Royal Duke Communications	Goyang	B3/36F	75,172	Reside	2017.09.~2020.04.
CJ Logistics Incheon Airport Express Center Communications	Incheon	B1/5F	23,718	Normal	2017.09.~2018.03.
Magok Nexen R&D Center Communications	Seoul	B2/7F	50,000	Reside	2017.11.~2019.03.
Hana Materials Asan Plant Communications	Asan	B1/3F	7,332	Normal	2018.03.~2018.12.
HL Green Power Chungju Factory Communications	Chungju	3F	38,905	Normal	2018.04.~2018.08.
Sejong Campus of Korea University Communications	Sejong	B1/5F	37,124 and others	Reside	2018.04.~2020.01.
Toruko Seocho Training Center Communications	Seoul	—	3,249	Normal	2018.09.~2018.12.
Mangwon-dong Road Expansion and Public Parking Lot Communications	Seoul	B1/3F	8,318	Normal	2018.12.~2020.07.
Housing Reconstruction and Maintenance Project in Gwacheon Jugong Complex 6 Communications	Gwacheon	B3/35F	347,710	Reside	2019.03.~2021.11.
KT Daejeon Communication Network Facility Communications	Daejeon	—	—	Normal	2019.04.~2019.12.
Hanam Missa Jok 13-1BL Knowledge Industry Center Communications	Hanam	B4/10F	24,186	Reside	2019.05.~2021.02.
Hyundai Motor Company's Garak Office Communications	Seoul	B2/4F	1,462	Normal	2019.06.~2020.07.

Communication & machine suteamresult current state of affairs

Building Name	Location	Size		Category	Duration
		Floors	Area(m ²)		
Asan Inju Middle School Communications	Asan	—	2,796	Normal	2019.07.~2020.01.
Jungnang-gu Muk-dong residential and commercial complex Communications	Seoul	B4/15F	16,260	Normal	2019.07.~2019.09.
Housing Reconstruction in Jinheung Royal Apartment District Communications	Anyang	B2/29F	36,705	Reside	2019.09.~2021.10.
Juksan Logic Park Communications	Anseong	B1/3F	96,562	Normal	2019.10.~2020.02.
Establishment of KT Central Communications Group EMP Communications	outside the metropolitan area	—	—	Reside	2020.03.~2020.12.
Samwon Special Paper Office Building Communications	Seoul	B6/20F	20,416	Normal	2020.05.~2020.11.
2336-19 Gasan-dong Neighborhood Living Facilities Communications	Seoul	B1/8F	1,432	Normal	2020.05.~2021.04.
Logistics Park Distribution Center in Changwon Communications	Changwon	5F	113,168	Normal	2020.07.~2021.01.
Chungtohoe JT Building Communications	Seoul	B5/15F	11,737	Normal	2020.08.~2020.11.
Coupang Refrigerated Frozen Logistics Warehouse Communications	Gwangju	B1/6F	15,306	Normal	2020.09.~2021.07.
Godeokgangil 5BL Apartment House Communications	Seoul	B2/27F	146,480	Reside	2021.10.~2023.10.
Pangyo Telechips Office Building Communications	Seongnam	B5/12F	30,956	Normal	2021.02.~2022.10.
Busan Logistics Center Communications	Busan	B5/1F	77,912	Normal	2021.02.~2022.03.
Busan Logistics Center machin	Busan	B5/1F	77,912	Reside	2021.05.~2022.06.
Yangju Okjeong Knowledge Industry Center Communications	Yangju	B2/5F	75,470	Normal	2021.05.~2022.06.
Gimpo City Daepo-ri Warehouse Facility Communications	Gimpo	B2/5F	34,357	Normal	2021.07.~2022.05.
Gwacheon Knowledge Information Town 3BL Communications	Gwacheon	B5/15F	110,122	Normal	2021.07.~2023.05.
Yeongdeungpo Bando It Valley Communications	Seoul	B4/11F	38,870	Normal	2021.08.~2023.08.
Gwacheon Knowledge Information Town 7-1,2BL Communications	Gwacheon	B6/14F	110,256	Normal	2021.08.~2023.11.
Icheon Gunryang-ri Distribution Center machin	Icheon	B2/4F	42,768	Reside	2021.12.~2022.06.
Gwacheon Knowledge Information Town 4-6BL K-Sign Office Building Communications	Gwacheon	B1/14F	1,077	Normal	2022.01.~2023.10.

Communication & machine suiteamresult current state of affairs

Building Name	Location	Size		Cate gory	Duration
		Floors	Area(㎡)		
Anyang EPOCH Data Center Communications	Anyang	B3/9F	33,710	Normal	2022.01.~2024.03.
Garam Tower Suite Officetel, Seo-gu, Incheon Communications	Incheon	B3/10F	17,957	Reside Normal	2022.07.~Present
Yeoju H1 Distribution Center Communications	Yeoju	B2/4F	34,687	Normal	2022.10.~Present
Goyang Samsung 5-2BL Knowledge Industry Center Communications	Goyang	B3/9F	130,991	Normal	2022.10.~Present
2nd Rapid Response Division Regional Communications Center Communications	Yangpyeong	—	—	Normal	2022.03.~2023.06.
Gwacheon Knowledge Information Town 4-1BL Communications	Gwacheon	B1/15F	18,926	Normal	2022.11.~2023.10.
Replace copper cables in 2nd Rapid Response Division territory Communications	Yangpyeong	—	—	Normal	2022.11.~2023.05.
officetel in Jukdong, Yuseong-gu, Daejeon Communications	Daejeon	B3/7F	26,760	Normal	2023.01.~Present
Magok R&D Center Communications	Seoul	B4/10F	38,448	Normal	2023.01.~Present
D40-2 Research Facility at Magok General Industrial Complex Communications	Seoul	B4/5F	13,075	Normal	2023.04.~Present
Hwaseong Dongtan (2) A52BL Apartment House Communications	Hwaseong	B1/20F	113,725	Reside	2023.04.~Present
Hwangin Pharmaceutical Anseong Plant Communications	Anseong	4F	8,653	Reside	2023.05.~Present
Hwangin Pharmaceutical Anseong Plant Machine	Anseong	4F	8,653	Normal	2023.05.~Present
Dangerous Goods Storage in Cheonan 2nd Logistics Center Communications	Cheonan	B1/1F	5,460	Normal	2023.06.~Present
Replacement of cable in the 8th Vessel Group Communications	Yangju	—	—	Normal	2023.06.~2023.10.
Suwon High-Tech Center Communications	Suwon	—	51,653	Reside	2023.07.~Present
Siegen Medical Foundation Seoul Main Building Remodeling and Application Change Communications	Seoul	B6/19F	55,334	Reside	2023.09.~Present

● Disaster prevention plan research record current state of affairs

- ▶ Performance based design (PBD)
- ▶ Review of prior disaster impact
- ▶ Disaster prevention plan / consulting
- ▶ T.A.B · Door Fan Test · Hot Smoke Test

Disaster prevention plan research record current state of affairs

► Performance based design (PBD)

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
LG Science Park	—	—	LG Doyo Engineering	2013
Hana Bank head office new construction	B6/26F	53,184	SAMWOO Architects & Engineering	2013
Gyeonggi-do New Office Building	B2/25F	111,138	Gong-gan Architecture	2014
Hotels in Nohyeong-dong, Jeju	B5/56F	23,300	Siaplan Architects & Planners	2014
Cheonho 4 Promotion Zone Urban Environment Maintenance Project	—	153,078	NOW Architects	2014
Busan Songdo Residential –Commercial Complex	B4/60F	391,801	SAMWOO Architects & Engineering	2015
Samsung Electronics Pyeongtaek FAB Building	B1/8F	761,420	SAMWOO Architects & Engineering	2015
Performance-oriented design for Shinnoryang Market maintenance project	B4/30F	42,455	New Noryangjin Market Maintenance Business Association	2015
Myeongdong District 4 PBD and pre-disaster	B7/25F	53,060	IS Dongseo	2016
Busan Yonghoman Complex Facility	B6/69F	482,039	IS Dongseo	2016
Samsung Electronics DSR Project PBD	B5/28F	99,569	SAMWOO Architects & Engineering	2016
Ulsan Ulju-gun KTX station area M4BL residential–commercial complex	B3/40F	108,335	Siaplan Architects	2016
Jeju Dream Tower	B5/38F	23,900	Siaplan Architects & Planners	2016
Cheongnyangni 59 Market Maintenance Project	—	229,817	Cheongnyangni M&D	2016
Goyang Samsung M2 Block	B3/36F	72,289	Dongwon Development	2017

Disaster prevention plan research record current state of affairs

► Performance based design (PBD)

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
District 4 urban environment maintenance project around Kukje Building	B5/43F	30,035	Siaplan Architects	2017
Busan Dongrae Hyundai Area Housing Association	B6/39F	209,482	Dongrae Hyundai Association	2017
Lippo-Caesars Incheon Resort	B2/27F	137,635	RFCZ	2017
Residential-commercial complex in Sangok-dong, Bupyeong-gu	B5/40F	66,888	AMPLUSPFVSANGOK	2017
Starfield Changwon	B7/6F	297,525	Shinsegae Property	2017
Ulsan Taehwagang Officetel new construction	B4/35F	55,677	Hyundai Industrial Development Co., Ltd.	2017
Cheongna Complex Shopping Mall Development Project	B3/5F	339,900	Starfield Cheongna	2017
Cheongnyangni District 4 Urban Environment Maintenance Project	B7/65F	378,092	Haean Architecture	2017
Gwangju Ssangam-dong residential complex	B2/44F	218,000	SAMWOO Architects & Engineering	2018
Daebong District 1-3 housing reconstruction	B2/29F	92,118	Reconstruction and maintenance business association	2018
Daejeon Dunsan Complex Facility	B7/41F	82,533	E-Land Construction	2018
Ttukseom Booyoung Hotel	B8/49F	274,839	AUM&LEE Architecture	2018
Busan Haeundae LCT	B5/101F	661,134	Dongil Architecture	2018
Busan Port North Port D-1 Block Redevelopment Project	B4/61F	219,755	Ilshin Design General Architecture	2018

Disaster prevention plan research record current state of affairs

► Performance based design (PBD)

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Songdo R1 Block Complex Facility	B4/49F	499,695	NOW Architects	2018
Suseong Beomeo Area Housing Association	B4/59F	328,581	Suseong Beomeo Area Housing Association	2018
Starfield Anseong	—	231,405	Starfield Anseong	2018
Anyang Dongwha Pharmaceutical Site IS Biz Tower	B2/28F	216,059	IS Dongseo	2018
Ulsan Ujeong-dong residential-commercial complex	B4/49F	105,544	Woojung Area Housing Association	2018
Incheon International Airport Terminal 2 Expansion Project	B2/4F	315,986	SAMWOO Architects & Engineering	2018
Teheran-ro 247 Development Project	B7F/37F	236,530	DA Group Engineering	2018
Gwangmyeong Station area complex development	B8/27F	331,352	Hee-rim Architects	2019
Urban environment maintenance project in urban and rural areas 2	B4/33F	30,923	Maintenance business association	2019
Performance-oriented design for Dongbu Market	B8/59F	234,610	Boseong Industrial Development	2019
Busan Lotte Tower	B8/30F	120,268	SAMWOO Architects & Engineering	2019
Samsung Electronics Tangjeong N-Project	B1/15F	762,383	SAMWOO Architects & Engineering	2019
Samsung Electronics Tangjeong N-Project	B1/9F	591,154	SAMWOO Architects & Engineering	2019
Samsung Electronics Tangjeong N-Project	B1/10F	284,725	SAMWOO Architects & Engineering	2019
Inspire Resort	B1F/14F	301,255	Inspire Resort	2019

Disaster prevention plan research record current state of affairs

► Performance based design (PBD)

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Changdong Startup and Cultural Industrial Complex	B8F/49F	143,846	Haemg- Lim Architects	2019
Gyeonggi Office of Education Southern Office Building	B4/18F	43,466	Dongnam MC	2020
Busan Namcheon-dong residential-commercial complex construction	B5/33F	34,714	Garden UNP	2020
Busan Port (North Port) Commercial Business District D-3 Block	B5/70F	192,700	won-yang Architects	2020
Starfield Cheongna Shopping Mall Complex	B3/24F	488,431	Starfield Cheongna	2020
Daegu Taepyeong Apartment Reconstruction and Maintenance Project	B3/47F	88,319	Housing Reconstruction Association	2021
The Gangnam 832PFV Officetel	B7/36F	44,664	Won-yang Architects	2021
Magok Mice Complex CP1	B7/13F	327,000	NOW Architects	2021
Busan Songdo Residential-Commercial Complex	B7/69F	28,879	SAMWOO Architects & Engineering	2021
548 U-dong, Haeundae-gu, Busan	B6/43F	80,391	DA Group Engineering	2021
7-30 Jeonjeon-ri, Ganghyeon-myeon, Yangyang-gun	B6/29F	25,273	Golden House	2021
Complex facility, 25-11, Yeouido-dong, Yeongdeungpo-gu	B6/29F	79,103	DA Group Engineering	2021
Yeongjongdo (Midan City) 2nd site	B3/45F	287,603	SAMWOO Architects & Engineering	2021
Gyeongnam Jinju Innovation City Commercial Block 5	B3/49F	181,767	Pioneer Jin-ju	2022

Disaster prevention plan research record current state of affairs

► Performance based design (PBD)

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Urban support facilities in Jichuk district, Goyang-si	B6F/8F	261,635	NR Holdings	2022
Residential-commercial complex in Munchang-dong, Daejeon	B4/49F	77,528	Wise Class K	2022
The Gate Centum complex site construction	B7/73F	266,751	Siaplan Architects & Planners	2022
Busan North Port D2 site development project	B6/77F	239,955	SAMWOO Architects & Engineering	2022
Grand Hotel in Udong, Haeundae-gu, Busan	B8/47F	216,843	MDM	2022
Samsung Life Insurance Seosomun Building	B7/19F	216,848	SAMWOO Architects & Engineering	2022
Samsung Electronics Giheung SR7 building new construction	B5/15F	1,527,279	SAMWOO Architects & Engineering	2022
Samsung Electronics Pyeongtaek 4L	—	—	Samsung Electronics Co., Ltd.	2022
Samsung Electronics Pyeongtaek P3 FAB Building	2F	1,123,967	SAMWOO Architects & Engineering	2022
Samsung Electronics Pyeongtaek P3 Complex Building	B1/8F	141,970	SAMWOO Architects & Engineering	2022
Residential complex, 1559-17, Samsan-dong, Nam-gu, Ulsan	B6/42F	62,430	Yoonbeom Holdings	2022
Eungam-dong residential-commercial complex construction	B7F/29F	59,499	Jibenzidan	2022
Incheon Bupyeong Dior Nine residential-commercial complex	B7/27F	53,203	Marie D&C	2022

Disaster prevention plan research record current state of affairs

► Performance based design (PBD)

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Changwon Starfield	B7/6F	297,525	Starfield Changwon	2022
Residential-commercial complex on Gyeongbuk Ilbo site in Sangdo-dong, Pohang	B6/49F	96,029	Giovanni Holdings	2022
Pohang Jukdo-dong residential-commercial complex	B4/47F	57,181	Veloce Industrial Development	2022
Daejeon Southwest Bus Terminal Residential-Commercial Complex	B6/49F	194,253	Lucid	2023
Daejeon Seonhwa Yongdu District residential-commercial complex	B7/49F	187,567	HLS Invest	2023
Maporo District 1 District 10 Redevelopment Project	B9/36F	48,686	Mapo Association	2023
Mangpo Station area complex	B8F/38F	154,569	Development of Mangpo Station area	2023
Beomcheon District 1-1 Urban Environment Maintenance Project	B7/49F	257,839	Beomcheon 1-1 District Association	2023
Residential-commercial complex in Gaya-dong, Busan	B8/39F	187,360	MDM Plus	2023
Samsung Electronics P5 firefighting construction design	—	—	Samsung Electronics Co., Ltd.	2023
Seoripul Special Planning Zone Business Complex Facility	B7/13F	554,055	SBC	2023
Seongsu-dong E-Mart site complex	B5/17F	196,666	Mirae Asset Investment	2023

Disaster prevention plan research record current state of affairs

► Performance based design (PBD)

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Residential-commercial complex in Jungang-dong, Sokcho-si	B5F/46F	99,502	Seomi Development	2023
Osiria Trendy Town & Youth Town	B2/15F	430,000	SAMWOO Architects & Engineering	2023
Residential-commercial complex in Hwajeong-dong, Dong-gu, Ulsan	B5F/39F	93,097	H&F	2023
Passenger Terminal 2 Expansion Project	B2/4F	315,986	Heerim Architects	2023
Jinju Passenger Car Terminal Residential-Commercial Complex	B4/39F	190,502	STS Development	2023
Cheongna Medical Complex Town Senior Welfare Housing	B1/49F	167,864	Cheongna Medipolis	2023
Chungju Enterprise City Residential-Commercial Block 1 Complex	B2/37F	199,862	Kunwon Architecture	2023
Chungju Enterprise City Residential-Commercial Block 2	B2/37F	196,121	Kunwon Architecture	2023
207-2 Haedo-dong, Nam-gu, Pohang Residential-commercial complex	B4/48F	99,249	D&BIZ	2023
Hanjin CY site complex facility	B6/68F	571,903	Sammi D&C	2023
Gangbuk 3 Redevelopment Promotion Zone	—	183,786	Gangbuk 3 Redevelopment Project Committee	Ongoing
Palyari Logistics Center, Jinjeop-eup, Namyangju-si	B3/3F	88,646	Jeil Invest	Ongoing

Disaster prevention plan research record current state of affairs

► Performance based design (PBD)

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
545-1ilwon, Bongmyeong-dong, Daejeon	—	71,075	Life D&C	Ongoing
Lotte Mall Daegu new construction	—	264,464	Lotte Shopping	Ongoing
Busan Marine City Complex Facility Development Project	B5/73F	279,559	BSDNC	Ongoing
Busan Heint Quantum Landmark Tower	—	183,094	Hines Quantum	Ongoing
Living accommodation facility in Millak-dong, Suyeong-gu, Busan	—	191,034	TI Busan	Ongoing
Samsung Electronics Digital City R6, R7 new construction	—	—	Samsung Electronics Co., Ltd.	Ongoing
Seobu T&D Urban High-Tech Logistics Complex	—	789,110	Seobu T&D Co., Ltd.	Ongoing
Seosomun District 11, 12 Redevelopment Area	B7/20F	122,182	Civic Center	Ongoing
Seocho-dong GT tower (west) construction	B8F/30F	62,810	Garak Construction	Ongoing
Seun Redevelopment Promotion District 3-2,3 Urban Redevelopment Project	—	169,176	DA Group Engineering	Ongoing
Seun Redevelopment Promotion District 3-8, 9, 10 Urban Redevelopment Project	—	224,816	DA Group Engineering	Ongoing
Seun Redevelopment Promotion District 6-3-3 Urban Redevelopment Project	—	87,028	DA Group Engineering	Ongoing

Disaster prevention plan research record current state of affairs

► Review of prior disaster impact

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Lotte Mall Songdo Design Service A1&A2 Block	—	—	Beom Architecture	2012
Songdo Internationalization Complex M1 Block	B5/60F	84,972	Moo-young Architecture	2012
Amore Pacific headquarters building	B6/22F	170,000	Haeon Architecture	2012
Ilsan Baekseok Y-CITY Complex Facility	B4/59F	563,309	Yojin Development	2012
Jamsil 2nd Lotte World	B6/123F	810,997	Lotte Construction Co., Ltd.	2012
Haeundae Tourist Resort Development Project	B5/101F	190,000평	SAMWOO Architects & Engineering	2012
Myeongdong District 3 urban environment maintenance	B7/27F	48,323	Myeongdong Urban Environment Maintenance Project	2013
Myeongdong District 4th Urban Environment Maintenance	B7/24F	53,055	Hanadaol	2013
Busan International Finance Center Complex	B4/63F	197,896	Busan Finance Center	2013
Parnas Tower	B6/40F	213,156	Changjo Architecture	2013
Hangang-ro District Urban Environment Maintenance Project	B5/38F	175,874	Urban Environment Maintenance Project Association	2013
Sogong-dong Booyoung Hotel	B8/49F	274,839	AUM&LEE Architects&Associates	2014
Jeju Nohyeong-dong Hotel	B5/56F	23,300	Siaplan Architects & Planners	2014
Hana financial group integrated data center	B1/16F	65,843	SAMWOO Architects & Engineering	2015
Myeongdong District 4th Urban Environment Maintenance Project	B7/24F	52,862	Hana Asset	2015

Disaster prevention plan research record current state of affairs

► Review of prior disaster impact

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Busan Songdo residential-commercial complex	B6/69F	397,616	IJ Dongsu	2015
Parnas Tower expansion design design change	B6/40F	18,403	Changjo Architecture	2015
Fashion Group Hyeongji Complex Facility	B8/17F	58,896	SAMWOO Architects & Engineering	2015
Hyeopseong SIB development project	—	—	Ilshin Design General Architects Office	2015
Cheongnyangni 59 market maintenance business residential complex	B8F/59F	233,251	Cheongnyangni M & D	2016
Seongnam Pangyo Complex 6-3 Block	B7/15F	87,865	Alpha Dome City	2017
Starfield COEX Mall	B2/1F	—	Junglim Architecture	2017
Yeouido Park1	B7/69F	627,674	Y22 Project	2017
Cheongnyangni District 4 Urban Environment Maintenance Project	B7/65F	378,092	Haeon Architecture	2017
Pangyo Alpha Dome 6-3, 6-4 blocks	B7/15F	99,619	DA Group Urban Design & Architecture	2017
Gwangmyeong Station Area 1 Residential-Commercial Complex	B8/27F	331,352	MCETA Development	2018
Ttukseom Booyoung Hotel	B8/49F	274,839	AUM&LEE Architects&Associates	2018
Seongnam Shinheung Station complex facility	B6/11F	38,401	Seongnam Shinheung Station Development Project Group	2018
Suseong Beomeo Area Housing Association	B4/59F	328,581	Suseong Beomeo Area Housing Association	2018

Disaster prevention plan research record current state of affairs

► Review of prior disaster impact

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Yeouido Park1	B7/69F	629,047	Siaplan Architects & Planners	2018
Ulsan Ujeong-dong residential-commercial complex	B4/49F	105,544	Woojung Area Housing Association	2018
Donuimun District 3 Redevelopment Project	B7/27F	86,267	Gate Tower AMC	2019
Dongsomun-ro 5-ga 75 and 4 lots development project	B2/20F	11,477	Lotte Asset Development	2019
Busan Port (North Port) Commercial Business District D-3 Block	B5/70F	192,700	Junglim Architecture	2019
Incheon International Airport Terminal 2 Expansion Project	B2/4F	315,986	SAMWOO Architects & Engineering	2019
Busan North Port D2 site development project	B6/77F	247,935	Hanmi Architecture	2020
Seongnam Seongho Market Urban Development Project Officetel	B6/20F	99,658	geumsung	2020
Yeongdeungpo 4-ga 55 and 1 lot complex facility	B3/13F	13,001	Kansam Architecture	2020
Bank District 1 redevelopment project	B6/75F	618,771	Bank District 1 Association	2020
Magok MICE Complex CP1	B7/13F	327,000	NOW Architects	2021
Incheon Terminal Complex Shopping Mall	B4/7F	396,000	Jeonglim Architecture, Lotte Shopping	2021
Development project in 9-1, Namchang-dong, Jung-gu	B8/20F	26,937	Namdaemun71 PFV	2021

Disaster prevention plan research record current state of affairs

► Review of prior disaster impact

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Officetel in Jwa-dong, Haeundae-gu	B7/41F	75,063	IS General Architects Office	2021
Lotte Department Store Gangnam Branch Renewal Construction	B3/9F	62,393	DA Group Urban Design & Architecture	2022
Mangpo Station Area Complex Development Project	B8/38F	154,569	Development of Mangpo Station area	2022
Busan Centum City Hanjin CY site	B6/68F	571,903	angkor architecture	2022
Busan Lotte Tower	B8/30F	120,268	AMWOO Architects & Engineering	2023
Seodaejeon intersection residential-commercial complex construction	B7/49F	187,567	HLS Invest	2023
Ulsan Woojung Innovation District Complex Development Project	B6/83F	446,280	Shinsegae	2023
Passenger Terminal 2 Expansion Project	B2/4F	315,986	Heerim Architects	2023
Daelim Garak Apartment Reconstruction and Maintenance Project	B3/35F	171,921	Daelim Garak Apartment Association	Ongoing
Lotte Mall Songdo A1 Block new construction	B3/22F	231,754	DA Group Urban Design & Architecture	Ongoing
Busan Marine City Complex Facility Development Project	B5/73F	280,804	Kunwon Architecture	Ongoing
Urban maintenance type redevelopment project in Myeongdong District 1, Jung-gu, Seoul	B8/20F	41,969	Capstone Myeongdong PFV	Ongoing

Disaster prevention plan research record current state of affairs

► Review of prior disaster impact

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Seun Redevelopment Promotion District 3-2,3 Urban Redevelopment Project	—	169,176	DA Group Urban Design & Architecture	Ongoing
Seun Redevelopment Promotion District 3-8, 9, 10 Urban Redevelopment Project	—	224,816	DA Group Urban Design & Architecture	Ongoing
Art Square new construction in Guwol-dong, Incheon	B6/37F	138,026	Arts Center Station Complex Development Project	Ongoing
Heinz Quantum Landmark Tower Busan	—	183,094	PA Hines Quantum	Ongoing

Disaster prevention plan research record current state of affairs

▶ Disaster prevention plan / consulting

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Incheon Int' l airport complex traffic center	B3/2F	293,700	Samoo Architects & Engineering	1997
ASEM and trade center expansion	B4/43F	528,000	Changjo, Baum, Heerim, Kunwon	1997
ASEM, trade center disaster prevention simulation	B5/43F	521,400	KITA	1998
KTX Cheonan station	B1/4F	34,436	KUNWON Architects Planners Engineers	1998
Samsung life insurance Dogok-dong Tower palaceⅢ	B6/69F	223,538	Samoo Architects & Engineering	2000
Tower palace I	B5/66F	457,785	Samoo Architects & Engineering	2001
Incheon Int' l airport international business district business facility(B2)	B2/12F	34,241	Samsung C&T	2000
Incheon Int' l airport international business district business facility(B4)	B2/12F	36,609	YS Officetel Co., Ltd.	2001
Incheon Int' l airport international business district business facility(B3)	B2/12F	26,067	Daewoo E & C	2001
Incheon Int' l airport international business district business facility(B5)	B2/12F	40,663	Daewoo E & C	2001
Incheon Int' l airport in-flight meal facility "A"	3F	35,060	Korean Air	2001
Incheon Int' l airport disaster prevention plan	-	-	Incheon International Airport Corporation	2002
Busan Lotte tower	B5/107F	521,408	Lotte Engineering & Construction	2002
Gyeongbu line Daejeon station expansion	4F	11,498	Namhai Co., Ltd.	2002
Busan POSCO the# centum	B5/60F	205,993	Siaplan Architects & Planners	2003
Busan Seomyeon residential complex	B4/69F	434,091	Siaplan Architects & Planners	2003
Busan Yeonje post office T/K disaster prevention simulation	B1/9F	16,571	Hangil ENG Co., Ltd	2003

Disaster prevention plan research record current state of affairs

▶ Disaster prevention plan / consulting

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Incheon Int'l airport boarding A	B2/5F	163,682	Keunjeong/Shinhan	2004
Samsung life insurance Seocho tower construction	B7/34F	110,747	SAMWOO Architects & Engineering	2004
Hwaseong Dongtan complex METAPOLIS 1st stage	B5/66F	2,680,920	KUNWON Architects Planners Engineers	2005
FKI tower construction	B6/50F	170,280	Changjo Architects	2010
Incheon national univ. Songdo campus	B1/7F	18,542	SAMWOO Architects & Engineering	2012
Angola exhibition center	B1/4F	66,000	Space Group	2013
LG Hausys Cheongju factory	—	—	LG Doyo	2014
Magok LG science park 2nd site	B3/10F	247,500	LG Doyo Engineering	2014
Donga Ilbo media center	B6/19F	99,242	Junglim Architecture	2014
IAT,BHS.U/T temporary garage	—	—	Yooshin Engineering Corporation	2014
US army base relocation technology proposal	—	—	Yooshin Architects & Engineers	2014
Songdo OK Center	B3/70F	170,000	AUM&LEE Architects&Associates	2014
Indonesia AEON MALL	4F	165,500	Changjo Architecture & Engineering	2014
Jinju Lotte outlet basic design	B1/5F	75,900	SAMWOO Architects & Engineering	2014
Qatar embassy disaster prevention plan	B1/F2	800	SAMWOO Architects & Engineering	2014
Kuwait IBN Shinhwa hospital	—	—	Yooil Engineering & Architects Co., Ltd	2014

Disaster prevention plan research record current state of affairs

► Disaster prevention plan / consulting

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Sangbong Premier' s Amco	B7/48F	232,942	Wonyang Architecture	2014
Daegu Beomeo-dong complex facility	B5/39F	67,406	Dosi 21 design group	2015
Walkerhill main hall remodelling	B4/4F	37,370	Junglim Architecture	2015
Busan Yonghoman bay redevelopment residential complex	B6/69F	482,039	Kiahn Architecture	2015
Lippo-Caesars Incheon integrated entertainment resort & leisure complex (A2)	B2/28F	38,663	GNI Architects & Engineers	2015
Haeundae Lamulette damage reduction plan	B5/42F	61,047	Sangji group	2015
Garak market modernization 2 nd stage	B1/2F	35,700	SAMWOO Architects & Engineering	2015
Songdo M1 Block	B5/60F	116,454	KUNWON Architects Planners Engineers	2016
Masan Metrocit y Ⅱ	B3/49F	407,421	Wondoshi Architects Group. Ltd	2016
Jamsil Lotte World Tower	B6/123F	330,000	Lotte Shoping	2016
Cheonho 4 Promotion Zone Urban Environment Maintenance Project	B6/38F	160,066	NOW Architects	2016
Hana Financial Group Integrated Data Center	B1/16F	65,843	SAMWOO Architects & Engineering	2016
LG Electronics Incheon Campus Complex Building Extension Design	7F	85,950	Changjo Architects	2017
Fire and evacuation simulation for complex development near Gwangmyeong Station	B8/27F	331,352	MCETA Development	2017

Disaster prevention plan research record current state of affairs

► Disaster prevention plan / consulting

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Daechi Ssangyong 1st Apartment Reconstruction and Maintenance Project	B2/35F	187,573	SAMWOO Architects & Engineering	2017
Doosan Bundang office building construction	B7F/27F	128,231	Kansam Architecture	2017
Myeongdong District 3rd District Urban Environment Maintenance Project	B7/27F	48,323	Myeongdong Urban Environment Maintenance Project	2017
Preparation of disaster prevention and damage reduction plan for Myeongdong District 4	B7/24F	53,055	Hana Asset	2017
8th Army YRP warehouse facility	1F	140,000	Dongwoo Architecture	2017
Samsung Medical Center Outpatient Clinic	B9/6F	154,710	SAMWOO Architects & Engineering	2017
Seoul City Hall Disaster Prevention and Damage Reduction Plan	B5/13F	90,742	Seoul City Hall	2017
World Scholar Cultural Park	B2/4F	44,780	SAMWOO Architects & Engineering	2017
Starfield Hanam Evacuation Safety Assessment	B5/3F	459,558	Starfield Hanam	2017
Incheon Terminal Complex Development	B3F/27F	370,200	Lotte Construction	2017
COEX Starfield Evacuation Safety Evaluation	B1	23,000평	SHINSEGAE PROPERTY	2018
Seoul Central Branch Evacuation Fire Simulation	B6F/14F	45,817	DA Group Engineering	2018
Sejong Tech Valley Disaster Prevention Plan	B2/12F	85,356	Siaplan Architects & Planners	2018

Disaster prevention plan research record current state of affairs

▶ Disaster prevention plan / consulting

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Songdo R1 Block Complex Facility CONTAM	B4/49F	499,695	NOW Architects	2018
Evacuation safety evaluation related to installation of art decorations at Starfield COEX Mall	B1	23,000평	Shinsegae Crafty COEX Mall	2018
Ajou University Foundation Severe Rehabilitation Nursing Hospital	B5F/9F	34,244	Gansam Architecture	2018
Yeouido Park1 Disaster Prevention Plan	B7/69F	46,465	Siaplan Architects & Planners	2018
Jeju Stone Culture Park	B4/1F	10,300	SAMWOO Architects & Engineering	2018
Jeju Shinhwa Historical Park (H.R) District	B1/17F	333,000평	SAMWOO Architects & Engineering	2018
Chungnam fire complex disaster prevention plan	B1F/6F	19,998	Changjo Architects	2018
Hyundai Motor Company Namyang Research Center Disaster Prevention Plan	B1/7F	30,758	Hyundai General Design & Architecture Office	2018
Hwaseong Dongtan Logistics Complex	—	776,529	Kunwon Architecture	2018
Gocheok Sky Dome Disaster Prevention Consulting	—	—	CSNET	2019
Gumi Wonpyeong District 1 Comprehensive Disaster Prevention Plan	—	231,982	Gumi Wonpyeong Housing Redevelopment Maintenance Business Association	2019
Gimhae International Airport International Flight Simulation	B1/3F	147,612	Korea Airports Corporation	2019

Disaster prevention plan research record current state of affairs

► Disaster prevention plan / consulting

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Dongsung Art Center remodeling Fire and evacuation simulation	—	—	Seoul Foundation for Arts and Culture	2019
3rd branch of Aeon Mall, Hanoi, Vietnam	B1F/10F	245,239	Hyundai Engineering	2019
Busan Haeundae LCT damage reduction plan	B5/101F	661,134	S&P Architects Office	2019
Samsung Electronics Hwaseong E-Project Fire safety assessment	B1/10F	284,725	SAMWOO Architects & Engineering	2019
Samsung Electronics Tangjeong N-Project Fire safety assessment	B1/15F	762,383	SAMWOO Architects & Engineering	2019
Samsung Electronics Pyeongtaek P2-Project Fire safety assessment	B1/9F	591,154	SAMWOO Architects & Engineering	2019
Seongnam Sinheung Station Complex Facility Disaster Prevention and Damage Reduction Plan	B6/11F	38,401	Seongnam City Shinheung Station Development Project Group	2019
Sejong City 2-4 Living Area P2 Residential-Commercial Complex	B2/37F	113,458	SAMWOO Architects & Engineering	2019
SDC India module building new construction simulation	1F	234,363	SAMWOO Architects & Engineering	2020
Y22 Development Project Disaster Prevention and Damage Reduction	B7/69F	629,047	Y22 Project Financial Investment	2020
Disaster prevention plan for condominium in Ui-dong, Gangbuk-gu	B3/7F	80,060	Junglim Architecture	2020
Gangwon Land Casino Evacuation Safety Assessment	—	—	Kunwon Architecture	2020
Donuimun District 3 Redevelopment Project Disaster prevention and damage reduction plan	B7/26F	86,224	Gate Tower AMC	2020

Disaster prevention plan research record current state of affairs

► Disaster prevention plan / consulting

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Magok 16 Block Lab & Office Building Construction	B2F/4F	24,650	Haeon Architecture	2020
Medici project performance-oriented design implementation confirmation	B7/36F	239,252	Professional Investment	2020
Sammaebong Resort Jeju Spring Resort Disaster Prevention Plan	B4/4F	67,758	Beom Architecture	2020
Yeouido Park1 Hyundai Department Store Evacuation Safety Assessment	B7/69F	629,047	Siaplan Architects & Planners	2020
Incheon International Airport refueling port simulation	B1	—	Incheon International Airport Corporation	2020
Jeju Dream Tower new construction evacuation simulation	B6/38F	303,737	Chinese architecture	2020
AK Gwangmyeong branch disaster prevention plan	B8/27F	332,020	Hallym Architecture CM	2021
LG Arts Center and LG Science Hall Damage Reduction Plan	—	—	GS Construction	2021
Disaster prevention plan for business facilities in Dunsan-dong, Daejeon	B6/40F	87,555	E-Land Construction	2021
Suwon Agricultural History and Culture Exhibition Experience Center Evacuation Simulation Consulting	B1/2F	22,988	Daebo Construction	2021
Incheon International Airport Terminal 2 expansion	B2/5F	733,090	SAMWOO Architects & Engineering	2021
Evacuation simulation for all floors of a residential-commercial complex at Gusamcheonpo Station, Sacheon-si	B4/49F	145,377	Korea Land Trust	2022
KOGAS Human Resources Development Center Disaster Prevention Plan	B1F/6F	20,145	Korea Gas Corporation	2022

Disaster prevention plan research record current state of affairs

► Disaster prevention plan / consulting

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
LG Energy Solution Evacuation Safety Consulting	—	—	LG Energy Solution	2022
Beomcheon 1-1 District Urban Environment Maintenance Project Full floor evacuation simulation	B7/49F	257,839	Beomcheon District 1-1 Urban Environment Maintenance Project Association	2022
Disaster prevention consulting for Samsung Electronics Suwon business site underground parking lot	—	—	Samsung Electronics	2022
Evacuation safety evaluation at Yonsei Middle School Cancer Treatment Center	—	—	Hyundai Engineering	2022
Olympic Parktel Evacuation Safety Assessment	—	—	Seoul Olympic Games Commemoration Korea Sports Promotion Foundation	2022
Inspire Resort Fire Simulation	B1/14F	301,255	Inspire Resort	2022
NCSOFT Pangyo Sampyeong-dong office building evacuation safety evaluation	B8/13F	165,000	Haeon Architecture	2023
Geomdan Museum/Library Complex Cultural Facility Basic and Detailed Design Disaster Prevention Plan	—	—	Incheon Urban Corporation	2023
Report of change of use, 1-19, Byeolyang-dong, Gwacheon-si Fire and evacuation simulation	—	—	SUM Architect Office	2023
Samsung Electronics Pyeongtaek Technology Building Parking Building New Construction Disaster Prevention Plan	B1/7F	57,749	DA Group Urban Design & Architecture	2023

Disaster prevention plan research record current state of affairs

▶ Disaster prevention plan / consulting

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Seosomun District 11, 12 Urban Maintenance Redevelopment Area Electric Vehicle/Parking Lot ventilation simulation	B7/20F	122,182	Mirae Asset	2023
Seongsu-dong K-Project complex development project simulation / evacuation safety evaluation	B5/17F	196,666	Suseong Beomeo Area Housing Association	2023
Suseong Beomeo W new construction pre-disaster implementation confirmation and damage reduction plan	B4/59F	328,581	Construction Infoil PFV	2023
NCSOFT GLOBAL RDI CENTER Disaster Prevention Plan	B8F/14F	185,788	NCSOft	2023
Evacuation safety evaluation for the 2nd passenger terminal expansion project	B2/4F	315,986	Heerim Architects	2023
Haeundae L City evacuation safety assessment	—	—	AsaBloy Entrance System	2023
Gangbuk 3 Redevelopment Promotion Zone Urban Redevelopment Project Smoke Control Simulation	—	183,786	Gangbuk 3 Redevelopment Promotion Zone Redevelopment Project Committee	2023
Daejeon Southwest Bus Terminal residential-commercial complex construction smoke control simulation	B6/49F	194,253	Lucid	2023
Evacuation safety evaluation of Korean Air's new engine maintenance plant	B2F/5F	125,907	Korean Air Co., Ltd.	2023
Smoke control simulation for new residential-commercial complex construction in Gaya-dong, Busanjin-gu, Busan	B8/39F	187,360	MDM PLUS	2023

Disaster prevention plan research record current state of affairs

► Disaster prevention plan / consulting

Building Name	Size		Ordering Organization	Finished Year
	Floors	Area(m ²)		
Samsung Electronics P5 firefighting construction design fire safety evaluation / smoke control simulation	—	—	Samsung Electronics	2023
Smoke control simulation for Samsung Electronics Digital City R6, R7 new construction	—	—	Samsung Electronics	2023
Smoke control simulation for Samsung Electronics Pyeongtaek Office Building	B1/1F	44,257	Samsung Electronics	2023
Seobu T&D Urban High-Tech Logistics Complex Smoke Control Simulation	—	789,111	Seobu T&D	2023
S-Oil Magok site evacuation safety assessment	—	—	Ian R&C	2023
Eumseong Gamgok-myeon Sanguri District Unit Planning Area Logistics Center Smoke Control Simulation	B3/4F	194,787	Gian D&I	2023
Smoke control simulation at Palyari Logistics Center, Jinjeop-eup, Namyangju-si	B3/3F	88,646	Jeil Invest	Ongoing
Smoke control simulation for Busan Marine City complex development project	B5/73F	279,559	BSD&C	Ongoing
Heinz Quantum Landmark Tower Busan Smoke Control Simulation	—	183,094	PA Hines Quantum	Ongoing

Disaster prevention plan research record current state of affairs

▶ T.A.B · Door Fan Test · Hot Smoke Test

Building Name	Ordering Organization	Finished Year
Gyeongsangbuk-do office building Door Fan Test	Daewoo E & C	2015
Doosan tower generator room Door Fan Test	Jungdo Engineering	2015
LG electronics Pyongtaek factory Door Fan Test	LG Electronics	2015
Wolsong 1 SCA Door Fan Test	KEPCO E&C	2016
Jamsil Lotte tower Door Fan Test	Lotte E&C	2016
Gaehwasan station and other 4 stations Door Fan Test	National fire service	2016
Doosan Bundang Center Door Fan Test	Posco ICT	2018
Wolsong / Hanul / Hanbit nuclear power plant door fan test	KEPCO E&C	2017
LG Digital Park Door Fan Test	LG Electronics	2017
LGD Paju factory Door Fan Test	Han Bang Co., Ltd.	2018
Yeouido Park1 Door Fan Test	Posco ENC	2018
Hwaseong Dongtan Complex Transfer Facility Door Fan Test	Lotte E&C	2019
Incheon Songdo Land Mark City Door Fan Test	Daeil Construction	2020
Sangam DC 11th floor server room Door Fan Test	SAMSUNG SDS	2020
Shin-Kori Power Plant 1 Door Fan Test	KEPCO E&C	2021
Incheon International Airport Terminal 2 Hot Smoke Test	Hyundai E&C	2017
Hillstate Samsung Hot Smoke Test	FIDES DEVELOPMENT	2019
Haeundae LCT Hot Smoke Test	Posco E&C	2019
Maison Ticia, Starfield Hanam T.A.B	WooHyun ENG	2019

Disaster prevention plan research record current state of affairs

▶ T.A.B · Door Fan Test · Hot Smoke Test

Building Name	Ordering Organization	Finished Year
Doosan Bundang Center T.A.B	Posco ICT	2020
Bupyeong IPARK T.A.B	Hyundai Development	2020
Yeouido Park1 T.A.B	Posco E&C	2020
Bupyeong IPARK T.A.B / Hot Smoke Test	Hyundai Development	2020
Hwaseong Dongtan Complex Facility T.A.B	Posco ENC	2020
Samsung Electronics Pyeongtaek P2L T.A.B	SAMSUNG ELECTRONICS	2022
Hillstate Songdo T.A.B / Door Fan Test / Hot Smoke Test	Hyundai E&C	2023
Hyundai Knowledge Industry Center Gasan Public T.A.B / Door Fan Test / Hot Smoke Test	Hyundai E&C	2023
Cheongnyangni District 4 Urban Environment Maintenance Project T.A.B / Door Fan Test / Hot Smoke Test	Lotte E&C	2023
Inspire Resort T.A.B / Door Fan Test / Hot Smoke Test	INSPIRE RESORT	2023
Samsung Electronics Pyeongtaek P4L T.A.B / Door Fan Test	SAMSUNG ELECTRONICS	ongoing
Magok MICE CP1 T.A.B / Door Fan Test / Hot Smoke Test	Lotte E&C	ongoing
Magok MICE CP3 T.A.B / Door Fan Test / Hot Smoke Test	Lotte E&C	ongoing
Comprehensive Development of KT's Station Area T.A.B / Door Fan Test / Hot Smoke Test	Lotte E&C	ongoing
Hillstate the Unjung T.A.B & Hot Smoke Test	Hyundai E&C	ongoing

Future Initiative R&D Center Performance Status

- ▶ R&D

Future Initiative R&D Center Research Achievements

► R&D

Building Name	Place of order	A period of time
A Study on the Improvement of the targets and standards for performance based design of fire-protection facilities	Ministry of Public Safety and Security	2016.06. ~ 2016.12.
A Study on the Development of Guiding Exit Sign System be linked Longitudinal Tunnel of Smoke Exhaust System	Korea National Railway	2016.07. ~ 2017.06.
A Study on Folding Evacuation System and Outdoor Evacuation Staircase	Council on Tall building and Urban Habiyy Korea	2017.05. ~ 2017.12.
The Evaluation of Fire Safety for Improvement of Fire Safety in High-rise Buildings	Ministry of Land, Infrastructure and Transport	2017.11. ~ 2018.12.
The Development of quantitative fire impact assessment technology considering nuclear power plant	Ministry of Trade, Industry and Energy	2015.10. ~ 2019.09.
Development of the Fire Situation Response Platform Technology Based on Intelligent Risk Analysis and Damage Forecasting	Ministry of Science, ICT and Future Planning	2017.09. ~ 2019.09.
A Study on the Improvement of Disaster Management in High-rise Buildings	Korea Fire Safety Institute	2019.04. ~ 2019.10.
Disaster/disaster of skyscrapers and complex facilities based on open platforms Build Response Integrated CPS	Ministry of Land, Infrastructure and Transport	2016.12. ~ 2019.11.
Standard for the Performance Based fire Safety Design of Building and Development of Improved Fire Safety Technology national project	Ministry of Land, Infrastructure and Transport	2015.07. ~ 2020.06.
Development of core technologies for creative and innovative super-tall building	Ministry of Land, Infrastructure and Transport	2018.05. ~ 2021.06.
AI based SelfDriving Device for Disaster Vulnerable Personal Evacuation	Ministry of the Interior and Safety	2020.04. ~ 2021.12.
Development of performance evaluation system of high pressure fire pump for the fire truck using under special environment	Ministry of Trade, Industry and Energy	2019.10. ~ 2022.06.

Future Initiative R&D Center Research Achievements

► R&D

Building Name	Place of order	A period of time
Development of performance evaluation system of high pressure fire pump for the fire truck using under special environment	Ministry of Trade, Industry and Energy	2019.10. ~ 2022.06.
Development of spatial information-based high-reality contents provision technology for disaster management	Ministry of Land, Infrastructure and Transport	2018.04. ~ 2022.12.
Safe Home Care Aero System Design and Development	Ministry of Trade, Industry and Energy	2020.04. ~ 2022.12.
Development of 50kW vertical multistage smart fire pump system	Ministry of Trade, Industry and Energy	2020.04. ~ 2022.12.
Development of Design Engineering Solutions for AI-Based Fire Protection System	Ministry of Trade, Industry and Energy	2020.05. ~ 2023.12.
Big Data Center Construction Project	Ministry of Science and ICT	2021.07. ~ 2023.12
Development of Integrated Risk Management Package Technology based on Safety of Facilities	Ministry of Land, Infrastructure and Transport	2021.04. ~ 2025.12
Enhancement Technology for Fire Protection Resistance in Nuclear Power Plants	Ministry of Trade, Industry and Energy	2022.04. ~ 2026.12.
Research of Evacuation Improvement and Risk-based Management for Fire Safety of Storage Facilities	Ministry of Land, Infrastructure and Transport	2022.05. ~ 2026.12.
A Study on the Installation Standards of Fire-Protection Facilities Appropriate to the Characteristics of Places	National Fire Agency	2022.05. ~ 2022.12.
Risk assessment in crowded areas	Seoul Institute of Technology	2023.04. ~ 2023.07.
Development of safety management technologies for medium and small shipyards	Ministry of Trade, Industry and Energy	2023.04. ~ 2026.12.
Fire Prediction Video(Advanced) – Image-based fire monitoring and location detection data	Ministry of Science and ICT	2023.07. ~ 2023.12.
Development of sensor and robot technology to support life search and fire suppression activities at firefighting sites	Ministry of Trade, Industry and Energy	2023.06. ~ 2028.12.

- Firefighting seismic materials
- Delivery performance status**

seismic material sales performance

번 호	Project Name	the main part of one's foot	year of delivery
1	LGE Changwon 2 Factory	LG Sub-One	2019
2	634 accommodation facilities in Wonheung-dong, Goyang-si, Gyeonggi-do	Gazin Engineering Co.Ltd	2019
3	387-1 Gochon-dong, Uiwang-si, Gyeonggi-do	Gazin Engineering Co.Ltd	2019
4	Gunpo Songjeong Public Housing District D3&D5	Gazin Engineering Co.Ltd	2019
5	telephoto tunnel 433-4	Gazin Engineering Co.Ltd	2019
6	Bangbae-dong 426-1 Noblece	Gazin Engineering Co.Ltd	2019
7	235-1 officetel in Singil-dong	Gazin Engineering Co.Ltd	2019
8	an elegant brother's in-work nursery	Gazin Engineering Co.Ltd	2019
9	The Nature Obstetrics and Gynecology Department in Nishii-dong, Pyeongtaek City	Gazin Engineering Co.Ltd	2019
10	Shimogolgok-dong 90-260	Gazin Engineering Co.Ltd	2019
11	Homeyldon 1402	Gazin Engineering Co.Ltd	2019
12	Seonneung-ro 9 in Gangnam-gu	Giant Star Disaster Prevention System	2019
13	183 Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do	Giant Star Disaster Prevention System	2019
14	58-2 Mari-dong, Icheon-si, Gyeonggi-do	Giant Star Disaster Prevention System	2019
15	146-1 Geumam-dong, Gyeryong City	Giant Star Disaster Prevention System	2019
16	218-3 Samsong-dong, Deokyang-gu	Giant Star Disaster Prevention System	2019
17	1121 Sangdong, Mokpo City	Giant Star Disaster Prevention System	2019
18	517 Suyeong-dong, Suyeong-gu, Busan	Giant Star Disaster Prevention System	2019
19	1322-4 Seocho-dong, Seocho-gu, Seoul	Giant Star Disaster Prevention System	2019
20	14-2 Seokchon-dong, Songpa-gu, Seoul Metropolitan Government	Giant Star Disaster Prevention System	2019

seismic material sales performance

번 호	Project Name	the main part of one's foot	year of delivery
21	919-8 Mok-dong, Yangcheon-gu, Seoul Metropolitan Government	Giant Star Disaster Prevention System	2019
22	1557-1 Choyang-dong, Sokcho City	Giant Star Disaster Prevention System	2019
23	966-1 Ingye-dong, Suwon City	Giant Star Disaster Prevention System	2019
24	1748 Jangjae-ri, Baebang-eup, Asan	Giant Star Disaster Prevention System	2019
25	724-3 Gojan-dong, Danwon-gu, Ansan-si	Giant Star Disaster Prevention System	2019
26	919 Gwanyang-dong, Anyang City	Giant Star Disaster Prevention System	2019
27	860-7 Seoksu-dong, Manan-gu, Anyang-si	Giant Star Disaster Prevention System	2019
28	288-10 Uijeongbu-dong	Giant Star Disaster Prevention System	2019
29	71 Hyosung-dong, Gyeyang-gu, Incheon	Giant Star Disaster Prevention System	2019
30	186-375 Deokjeong-dong, Bupyeong-gu, Incheon	Giant Star Disaster Prevention System	2019
31	Jayang-dong 686	Giant Star Disaster Prevention System	2019
32	172-8 Bongmyeong-dong, Heungdeok-gu, Cheongju-si	Giant Star Disaster Prevention System	2019
33	Ram Research Osan Plant	geoyeon	2019
34	Cheongju administrative town of Kohutis	warp pipe	2019
35	Yeouido Parcel	international public service & Kim and E & stemless equipment	2019
36	Hwaseong Dongtan 2 officetel & COMPOSITE TRANSFER FACILITY	Nanking equipment & meteoric integrated equipment	2019
37	Jeju Dream Tower	Great Shinto mechanic & bovine cultivation & Yale ENG	2019
38	Cheonan Buddhist Hall Wide City Office Building	Daishin Industrial Development Co.Ltd	2019
39	Matsuyamaichi High School	Daewon Industrial Co.Ltd	2019
40	Korea University Sejong Campus	Toonji Temple	2019

seismic material sales performance

번 호	Project Name	the main part of one's foot	year of delivery
41	Seongnam Airport	Dongmin E&G	2019
42	JW Marriott Spa & Resort	mobilization equipment	2019
43	Copper Clacia (dominant equipment)	daily disaster prevention	2019
44	Namyangju City Dasan Jinan 5 Elementary School	daily disaster prevention	2019
45	long-term wastewater treatment facility	daily disaster prevention	2019
46	269-1 Nonhyeon-dong, Gangnam-gu, Seoul	Myojo equipment	2019
47	DuPont Korea Cheonan 3 Factory	Three Kingdoms M.E.C	2019
48	Siheung Central Prugio	Sanshin Technology Trading Co.Ltd	2019
49	Foil Central Prugio	Sanshin Technology Trading Co.Ltd	2019
50	Dasan New Town Nature Prugio	Sanshin Technology Trading Co.Ltd	2020
51	Songdo Landmark City	Sanshin Technology Trading Co.Ltd	2020
52	Yeongjong A12 Publicly Supported Private Rental Housing	Sanshin Technology Trading Co.Ltd	2020
53	Incheon Gasan-dong Knowledge Industry Center	Sanshin Technology Trading Co.Ltd	2020
54	Ochan FX Corporation	stardom engineering	2020
55	e-Pyeonghansesang Gwangjin Grand Park	sevantech	2020
56	Doosan Alpheim, Baekbong District, Namyangju City	smitech	2020
57	Construction of new Doosan Bundang Tower	smitech	2020
58	Anyang Hogle Doosan Weave	smitech	2020
59	Chung-Ang University Gwangmyeong Hospital	smitech	2020
60	Site 2-1 in Jeongja-dong, Suwon	sacred fire-fighting material	2020

seismic material sales performance

번 호	Project Name	the main part of one's foot	year of delivery
61	Hwami Food Ingredients in Gasado-dong, Incheon	sacred fire-fighting material	2020
62	Incheon (Incheon) The Incheon (Incheon) - 36-136-114	sacred fire-fighting material	2020
63	21-53 residential and commercial complex in Songdo-dong, Incheon	sacred fire-fighting material	2020
64	Nisshin Dong-gu Pungdong Automobile Maintenance Plant	Shinsung T.O.P	2020
65	561-3 Paper Skewers-dong, Osan-si, Gyeonggi-do	thin-waffe and eye	2020
66	Yangjae Library	thin-waffe and eye	2020
67	Wondang Middle School Fire Department	thin-waffe and eye	2020
68	Woljeong Elementary School + affiliated kindergarten	thin-waffe and eye	2020
69	Seongnam U.S. military unit	up-and-coming product & S.J.N.G & provincial government	2020
70	LGE Changwon Plant 1	Anam Facilities Engineer & true identity envelope	2020
71	U.S. forces at Seoul Airport	Yany and Sea	2020
72	U.S. Forces of the East Tumen River	Yany and Sea & S.J.N.G	2020
73	Uchitani District Parking Facility	M.S	2020
74	St. Mary's Hospital Omnibus	M.S	2020
75	Suwon Gwanggyo Office Building	M.S	2020
76	Icheon Clasiatella Spark	M.S.E.G	2020
77	Hirasawa CJ Logistics Center	Yale ENG	2020
78	Gapyeong GS Caltex Volleyball Team dormitory	Yale ENG	2020
79	Cheongju Southeast LHA-4BL	Yale ENG	2020
80	Paju-eup Culture and Sports Center	Yale ENG	2020

seismic material sales performance

번 호	Project Name	the main part of one's foot	year of delivery
81	Kolon – Yeongdeungpo H-Tower	Yale ENG	2021
82	Bupyeong Hanrabibaldi New Construction	Yale ENG	2021
83	Thelbaum of Sokcho	five-star engineering	2021
84	Donghwa-dong Parking Lot	Usin Corporation	2021
85	Hogawa Lhasa Country Club House	Kumazu Mechanical Equipment	2021
86	Nikko Distribution Facilities Joint Collection and Distribution Center	well system	2021
87	NINE ONE Hannam (Lotte)	meteoric integrated equipment	2021
88	The loser of Dasan was Kanghee Plaza	Utumtech Corporation	2021
89	a large church	Utumtech Corporation	2021
90	New Year's 84 root production of East Nada 84 root	Utumtech Corporation	2021
91	Amaya SB Tower	Utumtech Corporation	2021
92	All rental building	Utumtech Corporation	2021
93	Business Facilities in Seocho-dong	Utumtech Corporation	2021
94	Salt Bay GC Training Ground	Utumtech Corporation	2021
95	Seunggawon Happiness Village Fire Department	Utumtech Corporation	2021
96	819-dong, Seoul, 819-6 root student and business facilities	Utumtech Corporation	2021
97	Incheon Airport Freight Terminal E	Utumtech Corporation	2021
98	Jakjeon-dong, Gyeyang-gu, Incheon	Utumtech Corporation	2021
99	Incheon Industrial-Academic Convergence District Industrial Complex and Corporate Research Center	Utumtech Corporation	2021
100	Hirasawa Godeok New Town A43BL Lake Biwa Summit 2nd Apartment	Utumtech Corporation	2021

seismic material sales performance

번 호	Project Name	the main part of one's foot	year of delivery
101	Senyu Junior High School extension work	eHotech Corporation	2021
102	New construction of Songjiramitech's office building	daily public service	2021
103	Aewol Port Jeju Base Administration-dong	daily enterprise	2021
104	neighboring lives and business facilities	Shoichi Fire Department	2021
105	Construction of East Nada's cooperative distribution center	Shoichi Fire Department	2021
106	Seodaemun General Daycare Facility	Shoichi Fire Department	2021
107	Pommies Women's Hospital	Shoichi Fire Department	2021
108	Hwagok-dong Youth Housing	Shoichi Fire Department	2021
109	Seongnam Pangyo Dium Shop Forest	vegetarian equipment	2021
110	Youth Housing in Changjeon-dong, Mapo-gu	mid-field ENG	2021
111	One-Saint-Marina Stage 2	Jijung E&C	2021
112	Gwangju Inner Man 2BL	Changin Industrial Co.Ltd	2021
113	Suncheon New University B1-BL	Changin Industrial Co.Ltd	2021
114	Suncheon New University B2-BL	Changin Industrial Co.Ltd	2021
115	Jeju Yeon-dong Residential and Commercial Complex	Changin Industrial Co.Ltd	2021
116	Namdaemun Office	Chinese ampee and pea	2021
117	Sake Brewery Gyeongjai	Chinese ampee and pea	2021
118	Gwangju Hyochon B3BL	terim engineering	2021
119	Daejeon Banseok-dong The Shop [Machine]	terim engineering	2021
120	On-day logistics center	T.G.N.C	2021

seismic material sales performance

번 호	Project Name	the main part of one's foot	year of delivery
121	Chungbuk Innovation City Jungwon Manufacturing Plant	Hanai Enji Corporation	2021
122	Icheon Happiness Center	Korea Fire Safety Engineering Agency	2021
123	Yangju Sinsung International Trade and Logistics Center	fire-fighting equipment between Japan and South Korea	2021
124	Paju Odo-dong Factory	fire-fighting equipment between Japan and South Korea	2021
125	LG Electronics, Incheon Campus	Hyungwon ENG	2021
126	Apartment complex A1-13 in Wirye District	Environmental E&G	2021
127	Hyundai Hillstate Isin Bay City	Sania Eco Building	2022
128	Ulsan Ujeong-dong residential and commercial complex	Korea E&G Corporation	2021
129	Namyangju Branch Office of Uijeongbu District Public Prosecutors Office	Utumtech Corporation	2021
130	LIGHT WATER REACTOR NUCLEAR FUEL MOLDING FACILITY	N.S. Company	2021
131	Kuri Katsume Knowledge Industry Center	Korea E&G Corporation	2021
132	Yongin DIONS Logistics Center	cultivation technology industry	2021
133	Anyang Pyeongchon Central Prugio	King Sejong ENG	2021
134	Agawa-gun Ryo-ri Logistics Center	heum-iengi Corporation	2021
135	Suwon Hwaseo Purgibriciel Corporation	co-prosperity of Kubo	2021
136	Asan Yonghwa Namsan District 2 Apartment House	Daechan Corporation	2021
137	Namcheon Station The First in Suyeong-gu, Busan	Sania Eco Building	2022
138	Yeosu Crystal-dong Urban Living House	co-prosperity of alcohol and belly	2022
139	Construction work of a new hospital affiliated with Suncheon-go	Sale E.N.S	2022
140	Hirasawa R&R Logistics Center	O.S.L.E.G	2022

seismic material sales performance

번 호	Project Name	the main part of one's foot	year of delivery
141	Suwon Yeongheung Park Prugio	orthogonal equipment, Environmental E&G	2022
142	Cheonan Prugio Lake City	stemless equipment	2022
143	Matsushima America Town Secondary	O.S.L.E.G	2022
144	Kanyl Hyundai Hillstatishville	Three Lakes Dry Swimming	2022
145	Cheonho-dong Office-Tel Living House	co-prosperity of alcohol and belly	2022
146	Apartment House in Suseong Yongdu District, Daegu	Will Corporation	2022
147	Amnam-dong Logistics Warehouse, Busan	Tamjin E&G	2022
148	Daegu Merchants Prudio Apartment House	Three Seas Industry	2022
149	Yeongdeungpo 4-ga 55 OUTSIDE 1 parcel	Shinheung Energy Co. Ltd	2022
150	Garak Market Vegetable 2-dong	samzin development	2022
151	LGES Ochan PALLAS MP Building	paratech	2022
152	Ahyun Prugio Clarity	Sanshin Technology Trading Co., Ltd	2022
153	Incheon Dongchun-dong Inline Stadium	KEFF	2022
154	S-OIL Asaya TS&D Center	non-unity	2022
155	Daegu Yonggye Station Prugio Corporation	Sania Eco Building, New Toyo Corporation	2022
156	Improvement of fire facilities at Incheon International Airport	Kongo General Construction Co., Ltd	2022
157	Gwangmyeong Belmont Apartment House	co-prosperity of Kubo	2022
158	Goyang Data Center SL2X	Jinhwa E&C	2022
159	Chinohe 4th District Rebuilding Promotion Area	intrinsic equipment	2022
160	Matsushima Cellfrion 3 Plant	Il Sung General Construction Co., Ltd	2022

seismic material sales performance

번 호	Project Name	the main part of one's foot	year of delivery
162	Giheung SDR Fire and Disaster Management Corporation	KCENC	2023
163	Asan Yui District 5-6BL Knowledge Industry Center	co-prosperity of alcohol and belly	2023
164	Takatoku I-Park Diaban	No cultivation facilities-no cultivation facilities-no cultivation facilities	2023
165	Sacheon Daerim e-Pyeonghansesang	vegetarian equipment	2023
166	Busan Gijang Ssangyong Corporation platinum	vegetarian equipment	2023
167	Yongin Ram Research R&D Center KTC	aps engineering	2023
168	Misa Dainforet Office Hotel	cultivation technology industry	2023
169	Matsushima Samsung BioLogics P5	Dear Daisen	2024
170	Gasam-dong K Square	Jinhwa E&G	2024
171	Cordyard by Marriott Hotel Hirasawa	postal equipment	2024
172	Lotte Well Food Cheonan Plant Extension	Sambo Integrated E&C	2024

4 . C e r t i f i c a t e s

Company registration

 국세청
 서울세무서

사업자등록증

(법인사업자)

등록번호 : 220-81-15635

법인명 (단체명) : 한방유비스 주식회사
 대표자 : 황현수, 최두찬
 (각자 대표)

개업연월일 : 1992년 07월 20일 법인등록번호 : 110111-0878532

사업장소재지 : 서울특별시 성동구 성수일로 77, 705호, 709호, 9층, 비3-02(성수동1가, 서울숲아이티밸리)

본점소재지 : 서울특별시 성동구 성수일로 77, 705호, 709호, 9층, 비3-02(성수동1가, 서울숲아이티밸리)

사업의종류 : [연대] 서비스 제조업 건설 건설업 도소매 도소매 서비스	[중독] 기술무역 (설계, 관리, 학술연구) 소망제품 소방시설공사 시설물유지관리 배관 및 냉·난방장치 도매업 상품종합도매업 주자장
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발급사유 : 정정 (별지 출력)

사업자 단위 과세 적용사업자 여부 : 예() 부(√)

전자세금계산서 전용 전자우편주소 :

2023년 11월 30일

성 동 세 무 서 장

 국세청

「 Business License 」

연지니어링사업자 신고증			
명 칭	한양유비스(주)		
대표자성명	홍현수 외 1 인	생년월일	
주 자 지	서울특별시 성동구 성수일로 77	전화번호 [FAXE-Mail]	02-2033-5000 02-579-9046
한지니태양업	신고번호	제 1 - 14 - 000001	종
	기술부문	정보통신	4 개 부문
	전문분야	정보통신	4 개 분야
한지니태양 컨설팅업	신고번호		
	기술부문	종	개 부문
	전문분야	종	개 분야
신고연월일	1993-07-27		
『한지니어링산업 진흥법』 제21조제1항 및 같은 법 시행규칙 제7조제 1항과 같은 규에 신고하였음을 증명합니다. 2019년 11월 27일 한국엔지니어링협회장 			

Engineering licensee declaration

제광진1995-7호

소 방 시 설 업 등 록 증

업 종 별 : 전문소방시설설계업

상 호 (명칭) : 한방유비스 주식회사

대 표 자 : 황 현 수 생년월일 :
최 두 찬 생년월일 :

영 업 소 소재지 : 서울특별시 성동구 성수일로 77(성수동1가, 서울숲아이티밸리9층)

소방시설공사업법 제4조제1항의 규정에 의하여
소방시설설계업이 위와 같이 등록 되었음을
증명합니다.

1995년 1월 14일

광진소방서장

■ 등록사항(대표자) 변경에 따른 재발급(2013.9.30.)

「 Fire extinguish equipment design
occupation registration 」

제방진1995-6호

소 방 시 설 업 등 록 증

업 종 별 : 전문소방공사감리업

상 호 (명칭) : 한방유비츠 주식회사

대 표 자 : 황 현 수 생년월일 : 1970.01.01
 최 두 관 생년월일 : 1975.03.15

영 업 소 소재지 : 서울 성동구 성수일로 77(성수동1가, 서울숲아이티밸리9층)

소방시설공사업법 제4조제1항의 규정에 의하여
 소방공사감리업이 위와 같이 등록 되었음을
 증명합니다.

1995 년 1 월 14 일

광 진 소 방 서 장



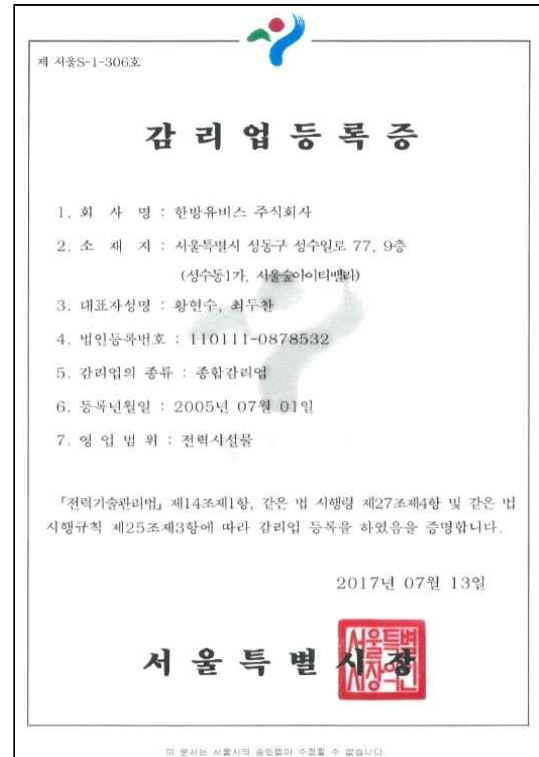
※ 등록사항(대표자) 변경에 따른 제방금(2013.9.30.)

**「 Firefighting construction supervision
occupation registration 」**

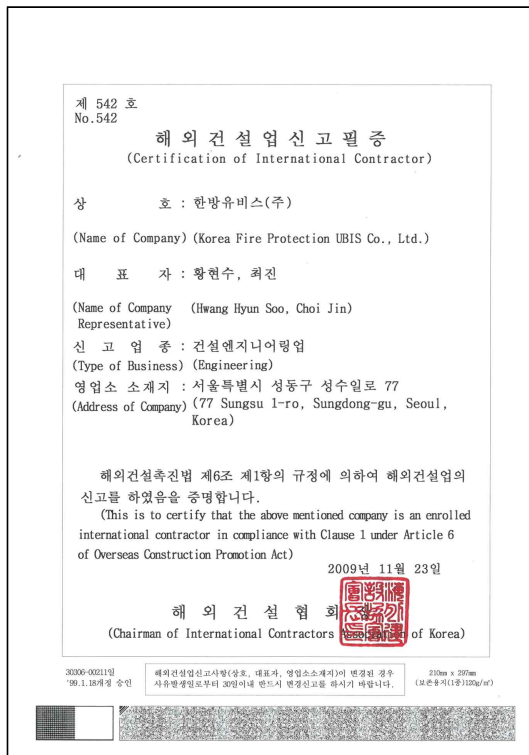
Company registration



「Certificate of company affiliated Institute」



「Electrical facility supervision business registration」



「Certification of International Contractor」



「Business License in Vietnam」

Company registration

제서물(상등)-2018-0002호

소방시설관리업 등록증

상 호(명 칭) : 한양유비스㈜

대 표 자 : 황 현 수 (생년월일 :)
최 두 찬

영업소소재지 : 서울특별시 성동구 성수일로 77, 9층 (성수동1가)

「화재예방, 소방시설 설치·유지 및 안전관리에 관한 법률」 제29조제3항에 따라 위와 같이 등록되었음을 증명합니다.

2018년 9월 28일

성 동 소 방 서 장

「 Registration certificate for fire fighting facility management business 」

발급번호 : 0010-2023-338628

중소기업 확인서

[중기업]

기 업 명 : 한양유비스(주)

사업자등록번호 : 220-81-15635 법인등록번호 : 110111-087632

대표자명 : 황현수, 최두찬

주 소 : 서울 성동구 성수일로 77, 9층, B3~G2 (성수동1가, 서울숲IT밸리)

유효기간 : 2023-04-01 ~ 2024-03-31

용 도 : 공공기관 입찰용

위 기업은 「중소기업기본법」 제2조에 따른 중소기업임을 확인합니다.

2023년 04월 05일

중소벤처기업부장관

※발급사실 및 발급번호 등 본확인서는 중소기업청정보시스템(confirm.sme.go.kr)을 통해 확인 가능
※유료기관 공여시도 발급일 이후 발행, 관할 및 관제기관 관여시 중소기업청 허가를 증명할 수 있음
※가장 자료로 함께 발급받은 것은 중소기업기본법 제20조에 따라 30년간의 허위 사용에 대해 과태료 및 시정명령의 과징금으로 등의 과징금 부과될 수 있음

「 Small Business Confirmation 」

중소소프트웨어 기업확인서(별지 제27호의지)

신청번호 : 002-242878

발급번호 : 002-242878-003

소프트웨어사업자 일반 현황 관리확인서

1. 회 사 명 : 한양유비스 주식회사 (사업자등록번호 : 220-81-15635)

2. 대 표 자 : 황현수, 최두찬

3. 소 재 지 : 004790 서울특별시 성동구 성수일로 77, 9층, B3~G2(성수동1가, 서울숲아이티밸리)

4. 매 출 액 : 101.10 억원 (소프트웨어분야 매출액 : 0.10 억원)

5. 창립일월일수 : 280 명 (소프트웨어기술자 : 0 명)

6. 확인일자 : 2022-06-13

제27조제2항에 따른 중소기업
이사업관한 서비스사업
원종차관한 서비스사업

8. 공통 소프트웨어사업 등록정보에 대한 공개 범위
※ 2022년 12월 31일 기준

「소프트웨어 진흥법」 제58조제2항 및 같은 법 시행규칙 제17조제4항에 따라 위와 같이 소프트웨어사업의 일반 현황을 관리하고 있음을 확인합니다.

2022년 06월 13일

한국소프트웨어산업협회장

유리사항

1. 최근 3년간 자료로 변경 신청하지 않은 경우, 8. 공통 소프트웨어사업 등록 정보에 대한 공개의 「확인통지」를 받지 않습니다.

2. 관리확인서에 기재된 사항을 변경하려면 「소프트웨어 진흥법 시행규칙」 제17조 및 관련 고시에 따라 같은 규칙 별지 제25호의지에 변경 사항을 기재하여 변경을 신청해야 합니다.

210mmx297mm 1매당 0.03kg/㎡

본확인서를 받은 자 또는 기타를 발급받은 자의 고지사항은 본 확인서로 증명할 수 없습니다. (본확인서를 발급받은 자의 고지사항은 본 확인서로 증명할 수 없습니다.)

「 Software Business Operator General Status Management Confirmation 」

중소소프트웨어 기업확인서(별지 제27호의지)

신청번호 : 002-242878

발급번호 : 002-242878-003

소프트웨어사업자 일반 현황 관리확인서

1. 회 사 명 : 한양유비스 주식회사 (사업자등록번호 : 220-81-15635)

2. 대 표 자 : 황현수, 최두찬

3. 소 재 지 : 004790 서울특별시 성동구 성수일로 77, 9층, B3~G2(성수동1가, 서울숲아이티밸리)

4. 매 출 액 : 101.10 억원 (소프트웨어분야 매출액 : 0.10 억원)

5. 창립일월일수 : 280 명 (소프트웨어기술자 : 0 명)

6. 확인일자 : 2022-06-13

제27조제2항에 따른 중소기업
이사업관한 서비스사업
원종차관한 서비스사업

8. 공통 소프트웨어사업 등록정보에 대한 공개 범위
※ 2022년 12월 31일 기준

「소프트웨어 진흥법」 제58조제2항 및 같은 법 시행규칙 제17조제4항에 따라 위와 같이 소프트웨어사업의 일반 현황을 관리하고 있음을 확인합니다.

2022년 06월 13일

한국소프트웨어산업협회장

유리사항

1. 최근 3년간 자료로 변경 신청하지 않은 경우, 8. 공통 소프트웨어사업 등록 정보에 대한 공개의 「확인통지」를 받지 않습니다.

2. 관리확인서에 기재된 사항을 변경하려면 「소프트웨어 진흥법 시행규칙」 제17조 및 관련 고시에 따라 같은 규칙 별지 제25호의지에 변경 사항을 기재하여 변경을 신청해야 합니다.

210mmx297mm 1매당 0.03kg/㎡

본확인서를 받은 자 또는 기타를 발급받은 자의 고지사항은 본 확인서로 증명할 수 없습니다. (본확인서를 발급받은 자의 고지사항은 본 확인서로 증명할 수 없습니다.)

Company registration



「 ISO 9001 certificate 」



「 ISO 14001 certificate 」

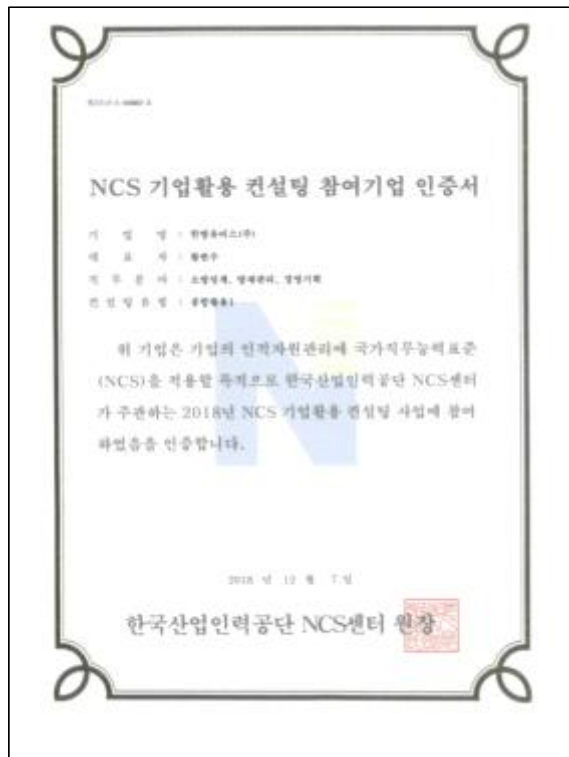


「 ISO 45001 certificate 」

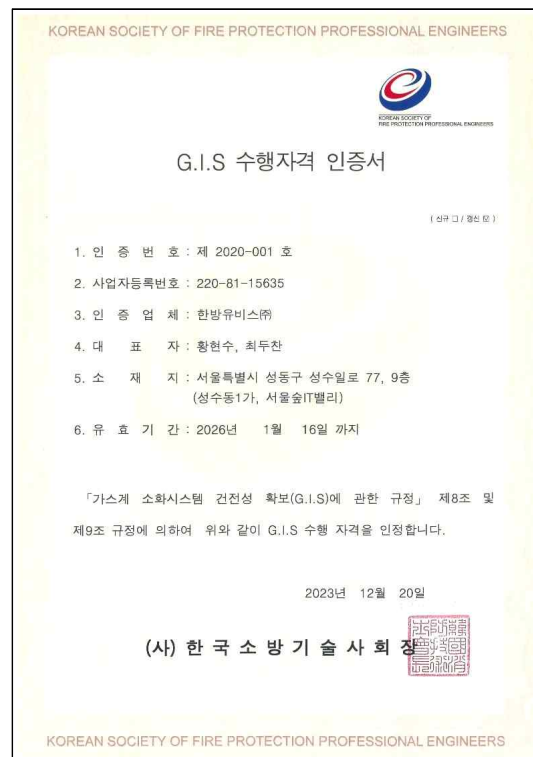


「 INNO-BIZ certificate 」

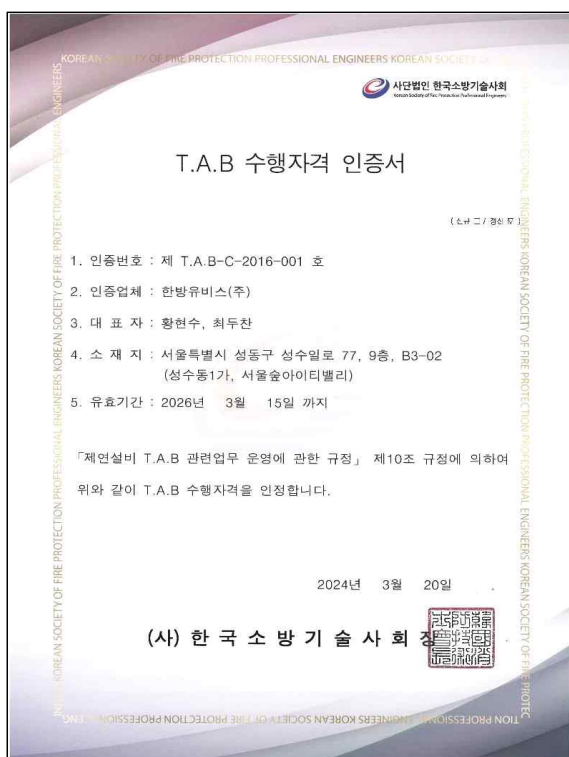
Company registration



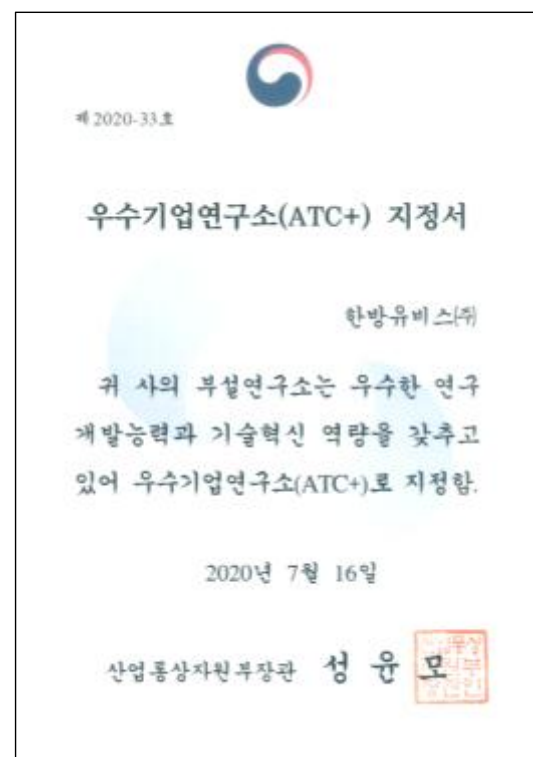
「 NCS Corporate Utilization Consulting Participating Company Certificate 」



「 G.I.S Qualification Certificate 」



「 T.A.B Qualification Certificate 」

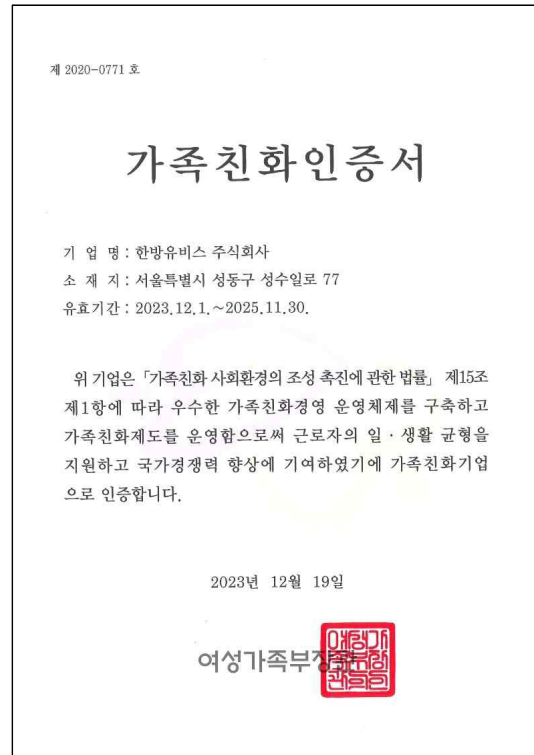


「 Certificate of Excellence (ATC+) designation 」

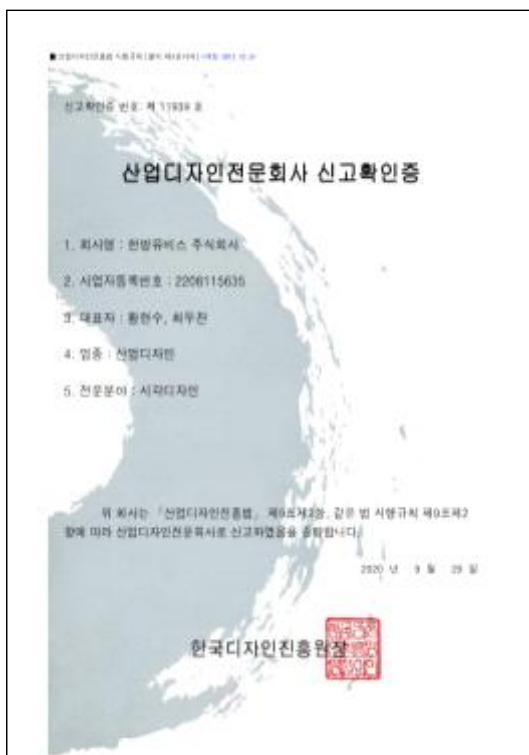
Company registration



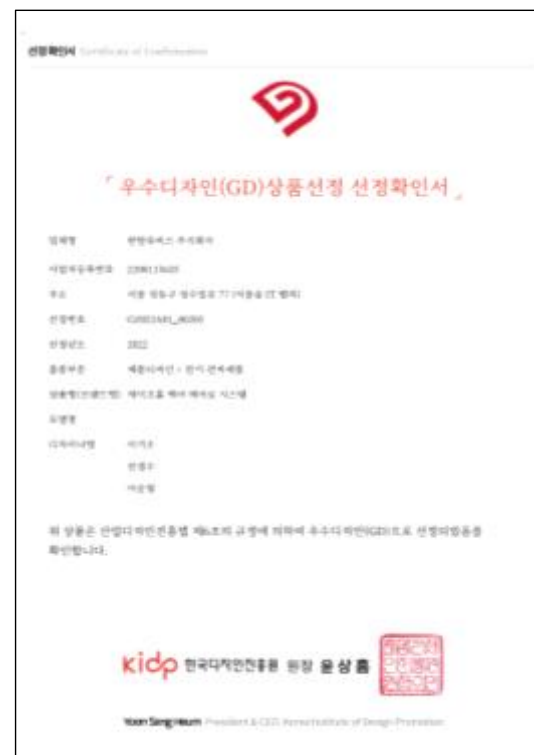
「 Confirmation of prestigious award-winning company 」



「 Family-friendly certificate 」



「 Industrial Design Company Notification Confirmation Certificate 」



「 Excellent Design (GD) Award Selection Confirmation 」

Company registration



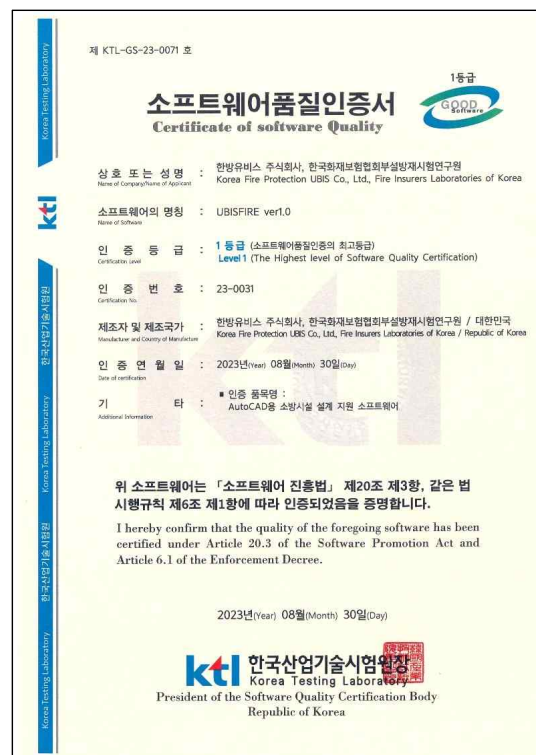
「 Artificial Intelligence Company Certificate 」



「 Artificial Intelligence Technology Certificate 」



「 Software Quality Certificate 1」



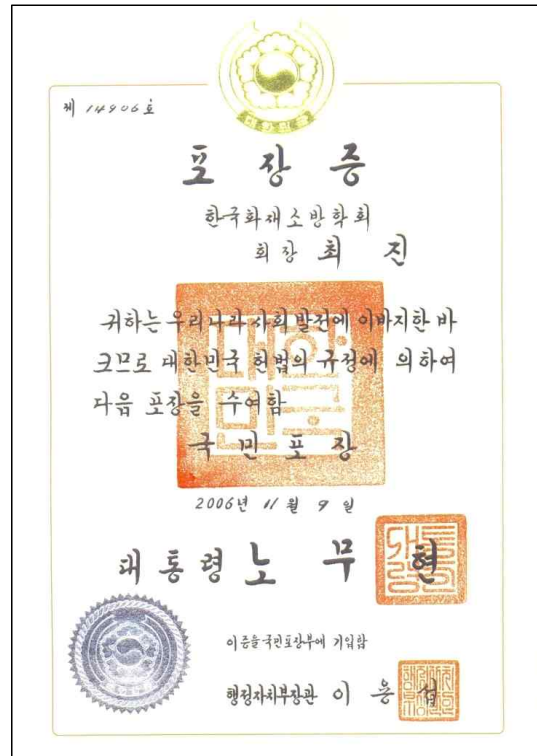
「 Software Quality Certificate 2」

5 . Awards and c o m m e n d a t i o n

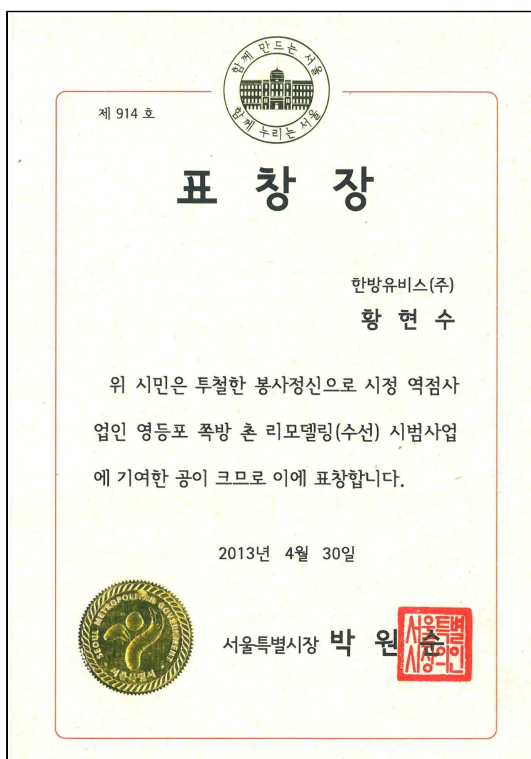
Awards and commendations



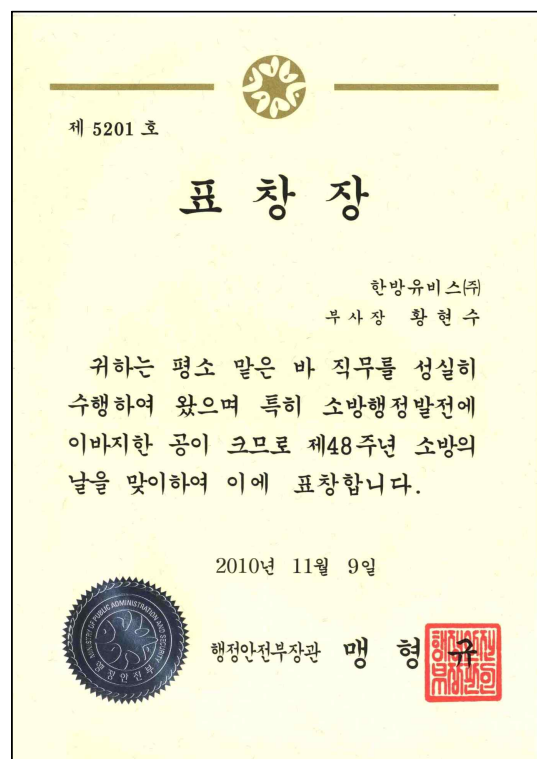
「 50th Day of firefighting commemoration order of civil merit 」



「 44th Day of firefighting commemoration medal 」

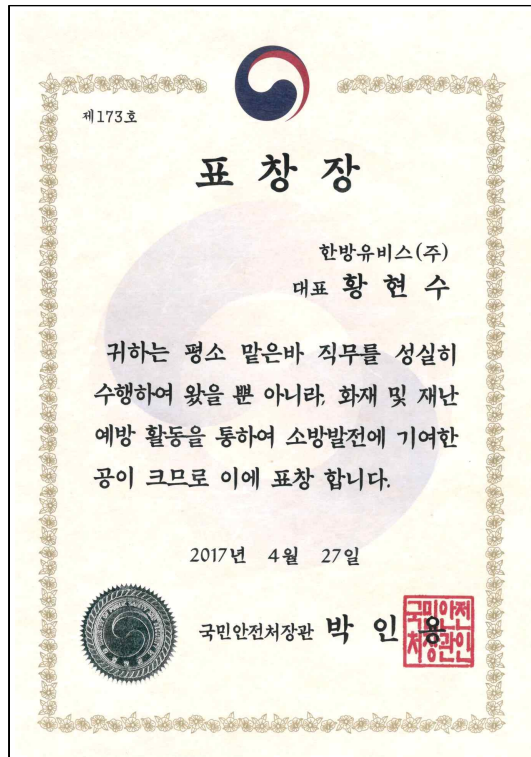


「 Award from mayor of Seoul 」



「 48th Day of firefighting commemoration award 」

Awards and commendations



「 50th Minister of Public Safety and Security's Commendation 」



「 Prime Minister's Commendation 」



「 Minister of Public Administration and Security's Commendation 」



「 Minister of Public Administration and Security's Commendation 」

Awards and commendations



「 Minister of Public Administration and Security's Commendation 」



「 Minister of SMEs and Startups Commendation 」

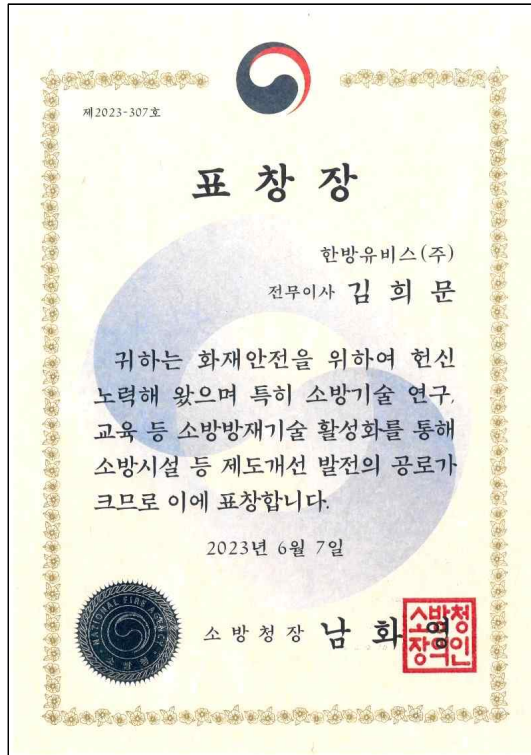


「 Deputy Prime Minister's Commendation 」

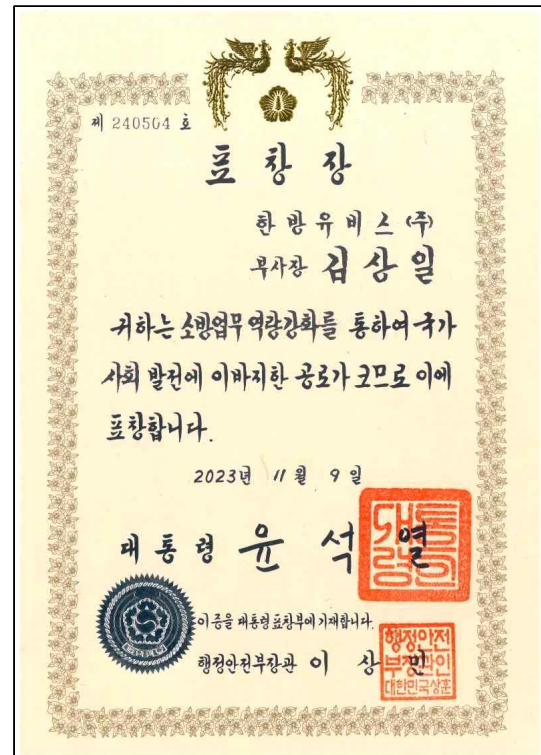


「Commendation from the Ministry of the Interior and Security」

Awards and commendations



「 Commendation from the Fire Commissioner 」



「 Presidential Citation 」