

HANDOK

ELEVATOR

BEYOND
CUSTOMER
SATISFACTION
TO IMPRESS

Having grown together customers on the position of customers since established in 1991, the Handok Elevator Co., Ltd. provides synthetic services(manufacture, installation, replacement, maintenance) on elevators. Since established, we have been producing only complete products and supplying our products to domestic and overseas markets applying sensual design and high-efficiency energy-saving technology. We are registered as a contractor(MAS) in the national marketplace of the public procurement service and was selected as a promising small and medium enterprise(G-PASS) in the overseas market for the first time in the Korean elevator industry to be certified for excellency and stability.

Our first goal is to make customer-centered elevators. We make customized elevators reflecting customer requirements through one-to-one customer management. We operate a 24-hour A/S system to minimize customer inconvenience.

We will make an effort to approach you one step more.

1991년 창립 이후 고객의 입장에서 고객과 함께 성장해온 (유) 한독엘리베이터는 엘리베이터에 관한 종합적인 서비스 (제작·설치·교체공사·유지보수)를 제공합니다. 창사 이래로 오로지 엘리베이터 완제품을 생산하고 있으며 감각적인 디자인과 고효율 에너지 절약형 기술을 적용하여 국내 및 해외에 제품을 공급하고 있습니다. 국내에서는 조달청 나라장터 종합쇼핑몰 계약업체(MAS)로 등록되어 있으며, 더불어 엘리베이터 업계 최초로 해외조달시장 진출 유망중소기업 (G-PASS)으로 선정되어 (유) 한독엘리베이터의 우수성과 안정성을 입증받고 있습니다.

저희의 첫 번째 목표는 고객 중심의 엘리베이터를 만들어 내는 것입니다. 일대일 고객관리를 통해 고객의 요구를 반영 하여 맞춤형 엘리베이터를 제작합니다. 24시간 A/S 전담 시스템을 운영하여 고객의 불편을 최소화하고 있습니다.

고객에게 한걸음 더 다가갈 수 있는 (유) 한독엘리베이터가 되기 위해 노력하겠습니다.

COMPANY HISTORY

회사연혁

- 1991

Corporation establishment, business registration
- 1993

Elevator manufacturing business registration
Trade registration
Elevator import and its component import registration
- 1994

Elevator component type approval
New technology research joint-consortium composition
- 1995

Elevator installation expert license acquisition
- 1996

PPS bidder qualification acquisition
- 1998

Indonesia joint-factory completion
- 1999

International quality system ISO 9001 certificate acquisition
- 2003

International quality system ISO 14001 certificate acquisition
- 2004

Switching into an independent corporation of Indonesia joint factory
- 2005

Selected as a 2005 tech-inno development project
Won a industry/resource minister prize(Export)
- 2006

Acquired a performance certificate for supply to public institutions
Won a million-dollar export tower prize
- 2007

Selected as an INNO-BIZ
Established an R&D center
- 2008

Selected as a KOTRA-guaranteed brand enterprise
- 2009

Registered a patent - Energy saving device for hydraulic elevators
- 2010

Registered a design - Button for elevators
Won a 3-million-dollar export tower prize
- 2011

Selected as a promising exporter six times(July 2002, July 2003)
Registered for a MAS(Multiple supply commodity - Procurement shopping mall) contract system
- 2014

Selected as a MAIN-BIZ
- 2015

Designated as an overseas supply market advancing enterprise(G-PASS)



AVAILABLE TECHNOLOGY SCOPE

공급가능 기술범위

PRODUCT KIND	DIVISION	CONTENT
Passenger elevator	Capacity/Use	1600kg or less(for 24 persons) apartment, studio, office, building, hospital, pedestrian overpass
Observation Elevator	Capacity/Type	1600kg or less(for 24 persons) cylindrical, semi-circular, view
Freight Elevator	Rope type / Hydraulic type	10000kg or less(10 tons or less) 5000kg or less(5 tons or less)
Dumb Waiter	Capacity	300kg or less
Lift	Capacity	3000kg or less(3 tons or less)
Car elevator	Capacity	2500kg or less(2.5 tons or less)
Escalator and moving walk	Capacity/Use	

- Speed : 15, 30, 45, 60, 90, 105, 120, 150, 180, 210 M/min

· AC V.V.V.F(variable voltage, variable frequency) inverter control system

· Integrated operation system : A function to operate at least 2 elevators simultaneously

· Interphone : One-touch emergency contact function(Elevator, machine room, control room)

· Remote control function : For passengers, cargos, disabled - Remote control convenience function
- 속도 : 15, 30, 45, 60, 90, 105, 120, 150, 180, 210 M/min

· AC V.V.V.F(가변전압, 가변주파수) 인버터 콘트롤 시스템

· 통합운영시스템 : 2대 이상의 승강기를 동시에 관리할 수 있는 기능

· 인터폰 : 원터치 비상 접촉 기능 (승강기, 기계실, 관리통제실)

· 리모컨 조정 기능 : 승객용, 화물용, 장애인용 - 원격조정 편의기능



HANDOK
ELEVATOR



FRONT VIEW

HD-01

VIBRATION

CAGE DESIGN | 케이지

WALL
STS Vibration, Mirror

DOOR
STS Vibration

HAND RAIL
STS Mirror



HALL VIEW

REAR VIEW

ENTRANCE | 출입구

HALL DOOR STS Vibration
JAMB STS Vibration
Wide Type with Transom



FRONT VIEW

HD-02

HAIRLINE

CAGE DESIGN | 케이지

WALL
STS Hairline Etching

DOOR
STS Hairline Etching

HAND RAIL
STS Hairline



HALL VIEW

REAR VIEW

ENTRANCE | 출입구

HALL DOOR STS Hairline Etching
JAMB STS Hairline
Wide Type with Transom



FRONT VIEW

HD-03

HAIRLINE

CAGE DESIGN | 케이지

WALL
STS Hairline Etching

DOOR
STS Hairline Etching

HAND RAIL
STS Hairline



HALL VIEW

REAR VIEW

ENTRANCE | 출입구

HALL DOOR STS Hairline Etching
JAMB STS Hairline
Wide Type without Transom



FRONT VIEW

HD-04

MIRROR

CAGE DESIGN | 케이지

WALL
STS Mirror Etching, Hairline

DOOR
STS Mirror Etching

HAND RAIL
STS Mirror



HALL VIEW

REAR VIEW

ENTRANCE | 출입구

HALL DOOR STS Mirror Etching
JAMB STS Mirror
Wide Type with Transom



FRONT VIEW

HD-05

BRONZE

CAGE DESIGN | 케이지

WALL
STS Nano E-Color, Mirror

DOOR
STS Nano E-Color

HAND RAIL
STS Mirror



HALL VIEW

REAR VIEW

ENTRANCE | 출입구

HALL DOOR STS Nano E-Color
JAMB STS Nano E-Color
Wide Type with Transom



FRONT VIEW

HD-06

GOLD

CAGE DESIGN | 케이지

WALL

STS Titanium Gold Etching

DOOR

STS Titanium Gold Etching

HAND RAIL

STS Gold



HALL VIEW

REAR VIEW

ENTRANCE | 출입구

HALL DOOR STS Titanium Gold Etching

JAMB STS Titanium Gold
Wide Type without Transom



FRONT VIEW

HD-07

OBSERVATION

CAGE DESIGN | 케이지

WALL

STS Hairline, Laminated Glass

DOOR

STS Hairline, Laminated Glass

HAND RAIL

STS Hairline



HALL VIEW

REAR VIEW

ENTRANCE | 출입구

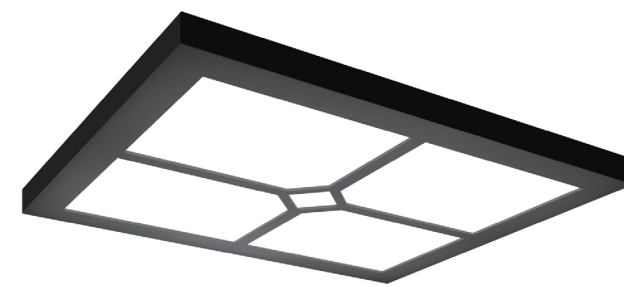
HALL DOOR STS Mirror, Laminated Glass

JAMB STS Hairline
Wide Type with Transom

DOOR DESIGN | 홀도어



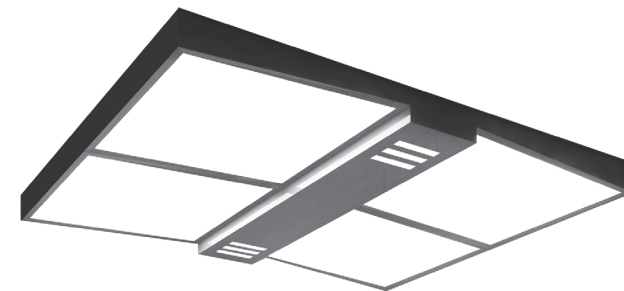
CEILING DESIGN | 이중천장



C-01



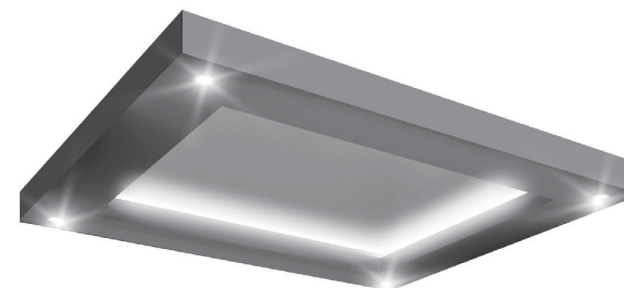
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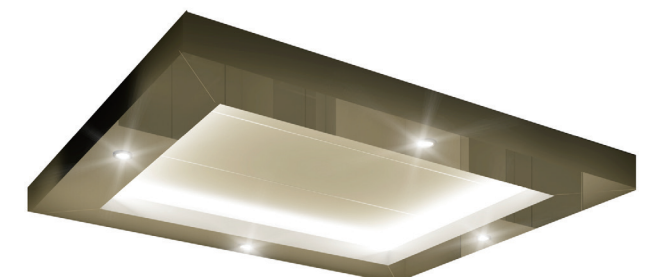
C-03



C-04



C-05



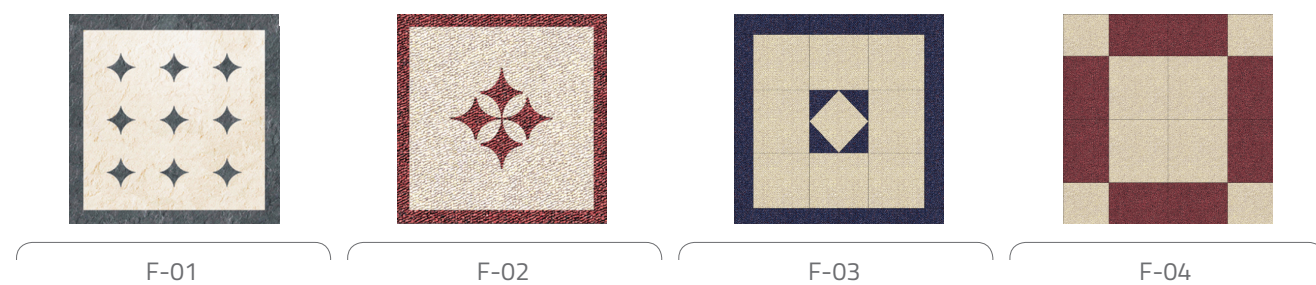
C-06

HANDRAIL DESIGN | 핸드레일

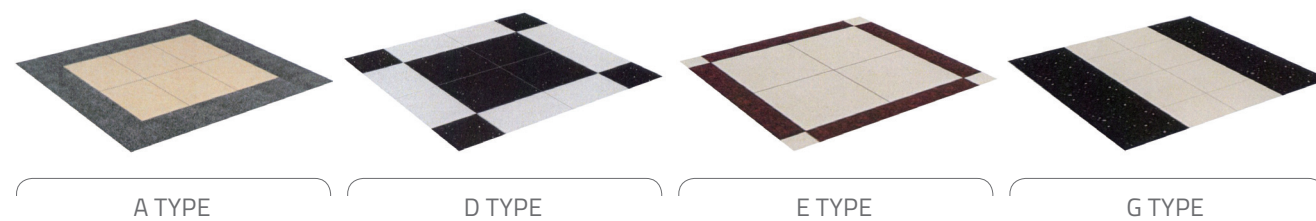


FLOOR DESIGN

DECO TILES | 데코타일



ARTIFICIAL MARBLE | 인조대리석



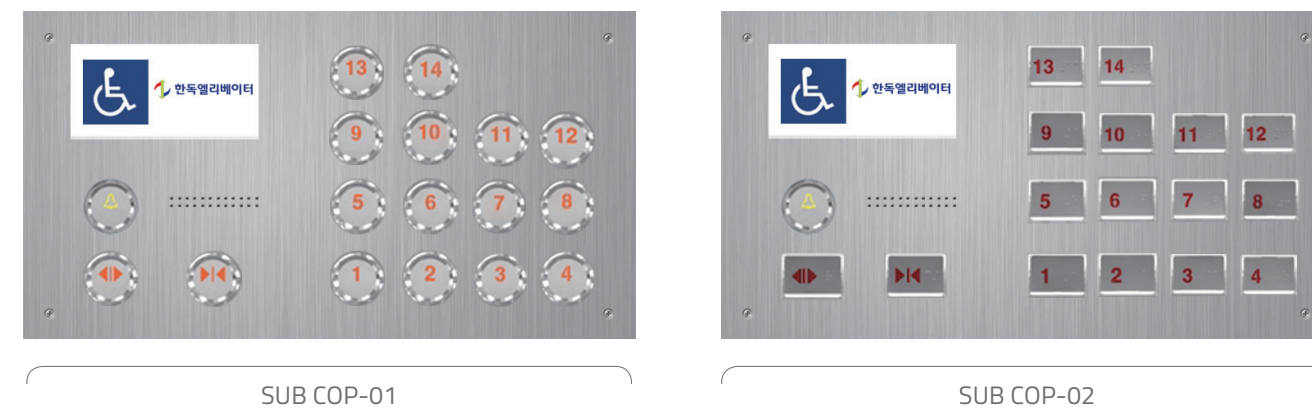
COP DESIGN | 운전반



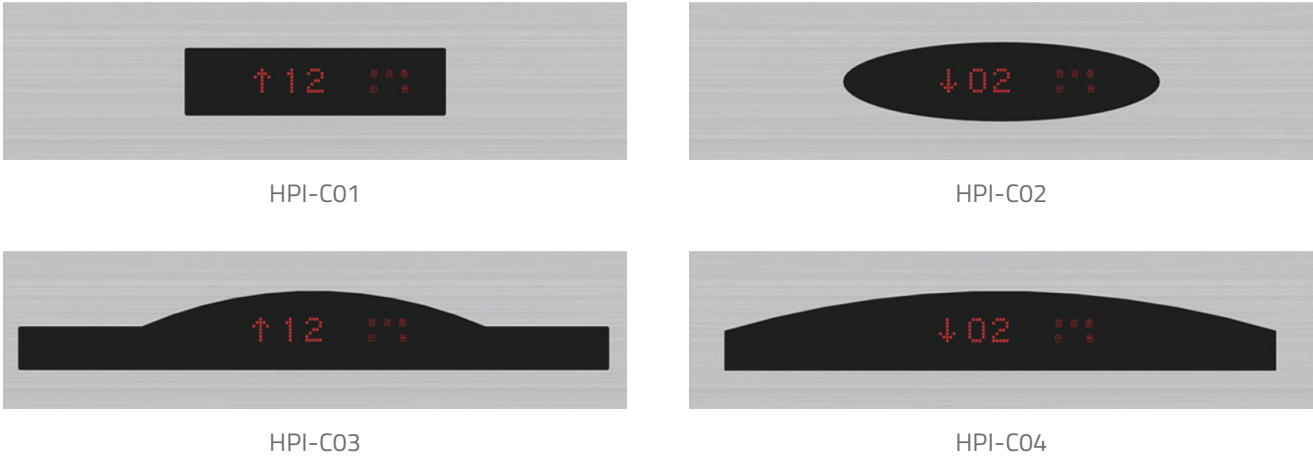
BUTTON DESIGN | 버튼



SUB COP DESIGN | 보조운전반

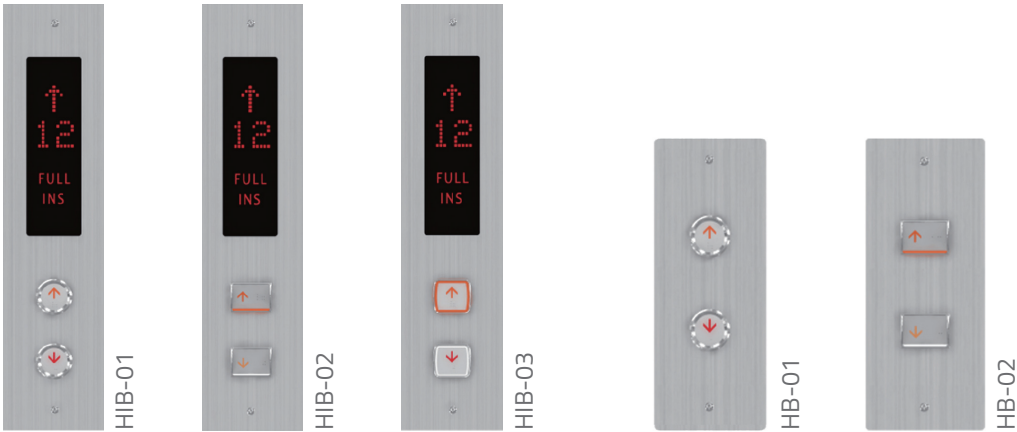


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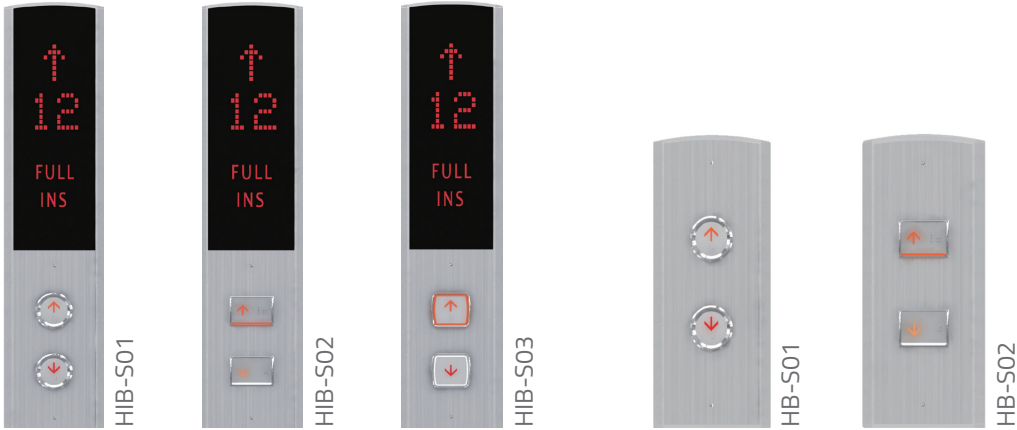


HIB DESIGN

INSERTING TYPE | 매립형

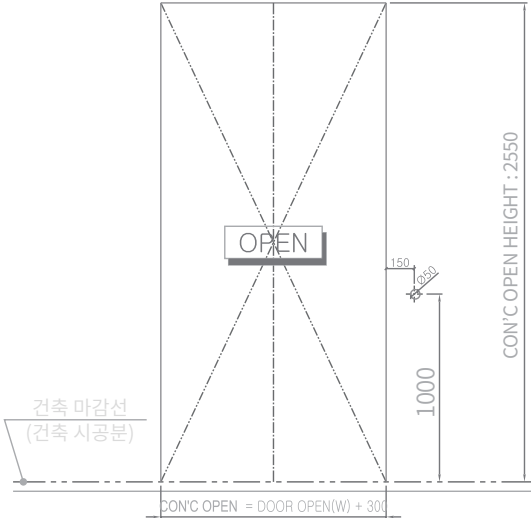
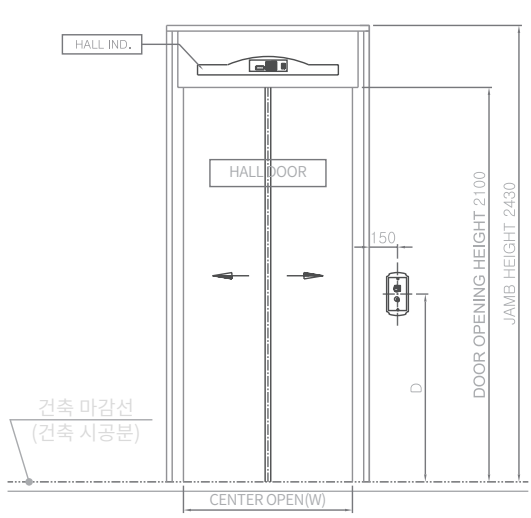


MOUNTING TYPE | 돌출형

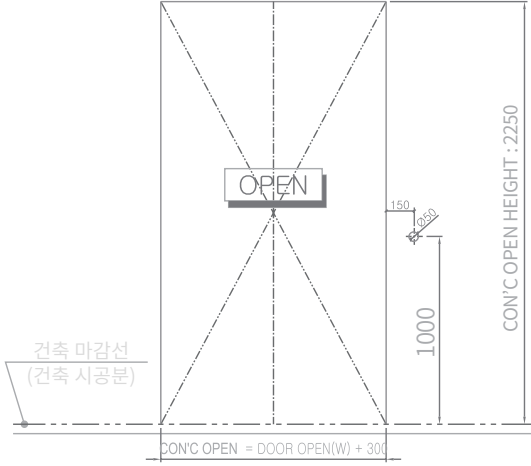
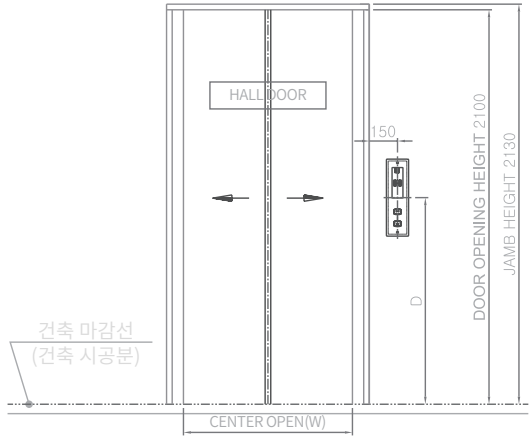


ENTRANCE | 출입구

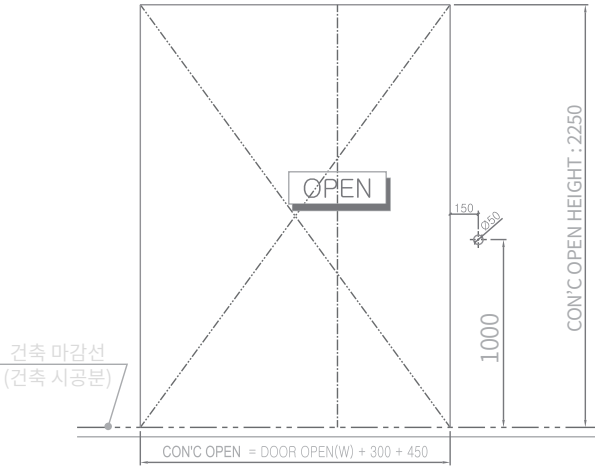
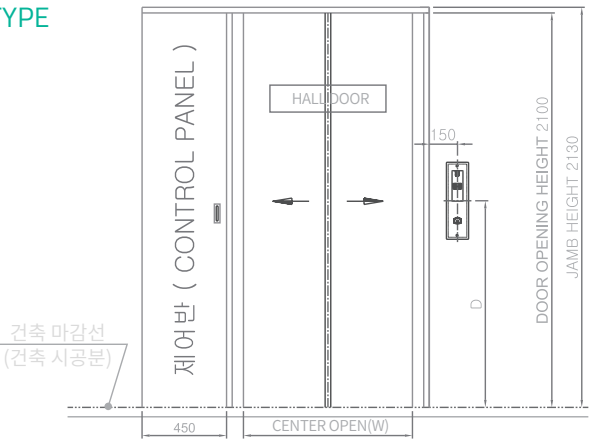
A TYPE



B TYPE

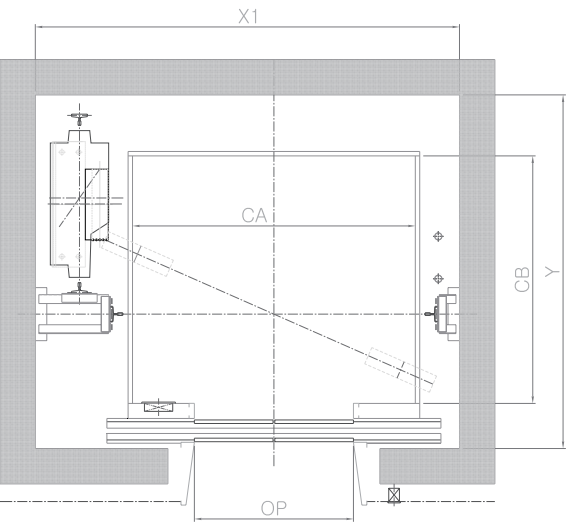


C TYPE

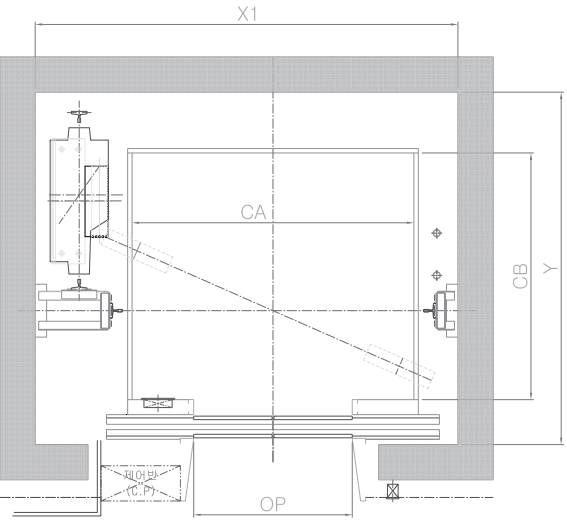


MRL [MACHINE ROOM-LESS] | 기계실 없는 엘리베이터

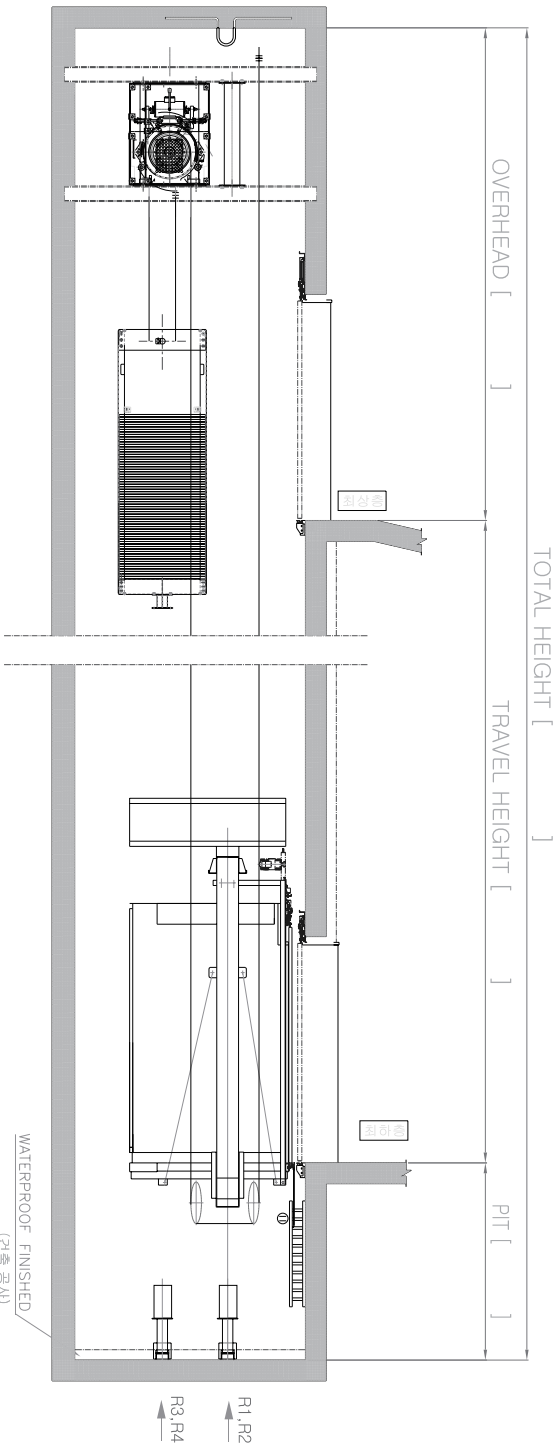
A TYPE



B TYPE

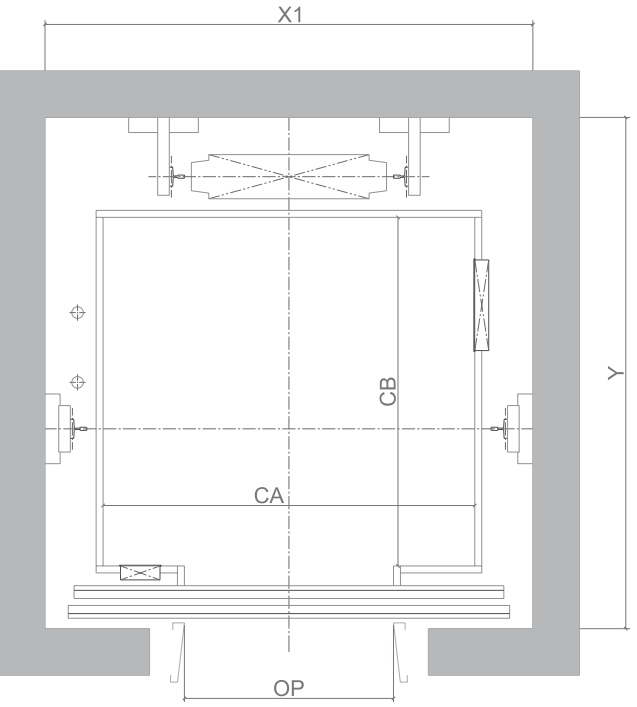
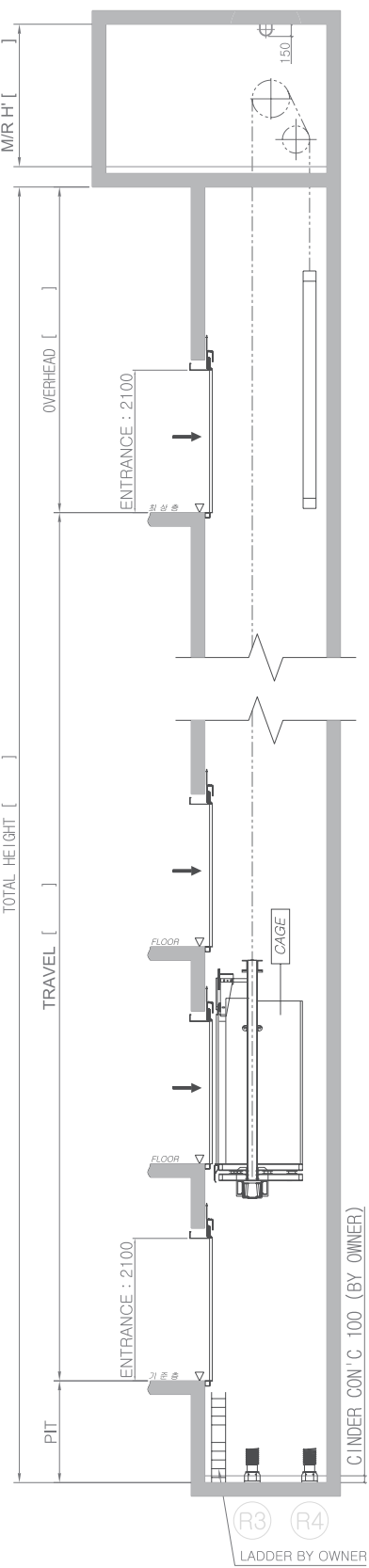


CAPACITY		OPENING OP	CAGE SIZE CA × CB	HOISTWAY SIZE		
PERSONS	KG			1 CAR x1	2 CAR x2	Y
8	550	800	1400 × 1000	2250	4600	1800
10	700		1400 × 1150			1800
11	750	900	1400 × 1300	2450	5000	1950
13	900		1600 × 1300			1950
15	1000		1600 × 1400			2000
17	1150	1000	1800 × 1450	2650	5320	2100
20	1350		1800 × 1650			2200
24	1600		2000 × 1700			2250



SPEED (M/MIN)	TOP (OH)	PIT (PIT)
60	4200	1600
90	4800	
105	5000	

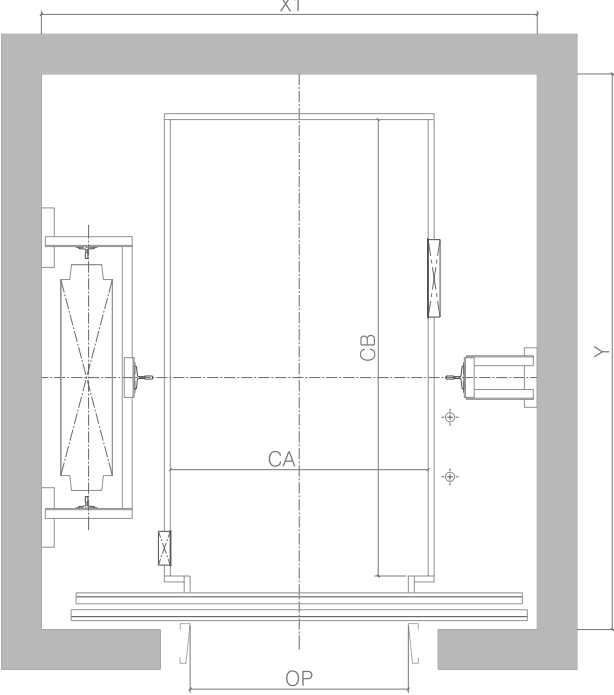
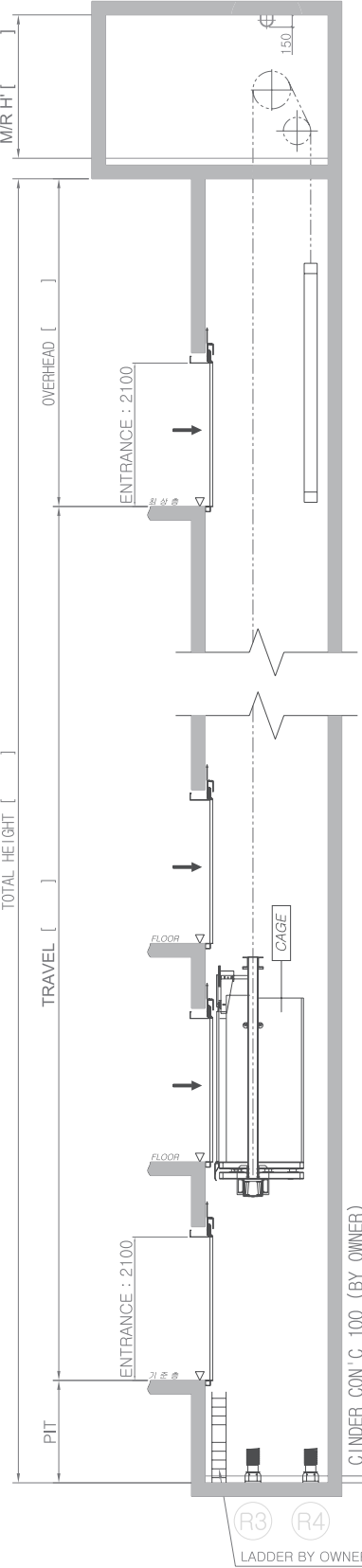
MMR [MINI MACHINE ROOM] | 기계실 있는 엘리베이터



SPEED (M/MIN)	TOP (OH)	PIT (PIT)	HEIGHT (MH)
60	4600	1500	2200
90	4800	1800	2400
105	5000	2100	2400

CAPACITY		OPENING OP	CAGE SIZE		HOISTWAY SIZE			M/C ROOM			M/C ROOM	
PERSONS	KG		Internal CA	CB	1Car X1	2Car X2	Depth Y	1Car MX1	2Car MX2	Depth MY	Reaction(kg) R1	R2
8	550	800	1400	1030	1800	3800	1700	2000	4000	3200	4050	2250
11	750	800	1400	1350	1800	3850	2000	2000	4000	3200	4550	2800
13	900	900	1600	1350	2100	4500	2000	2300	4400	3750	5100	3750
15	1000	900	1600	1500	2100	4500	2200	2300	4400	3850	5450	4300
17	1150	1000	1800	1500	2300	4800	2200	2600	4900	3900	6600	5100
		1100	2000	1350	2500	5250	2150	2800	5300	3800		
20	1350	1000	1800	1700	2300	4800	2400	2600	4900	4200	7800	6000
		1100	2000	1500	2500	5200	2200	2800	5300	4000		
24	1600	1100	2000	1750	2500	5200	2500	2900	5400	4300	8500	6800
			2150	1600	2650	5500	2300	3000	5700	4000		

HOSPITAL ELEVATOR | 병원용



SPEED (M/MIN)	TOP (OH)	PIT (PIT)	HEIGHT (MH)
45	4500	1200	2300
60	4800	1500	
90	5000	1800	

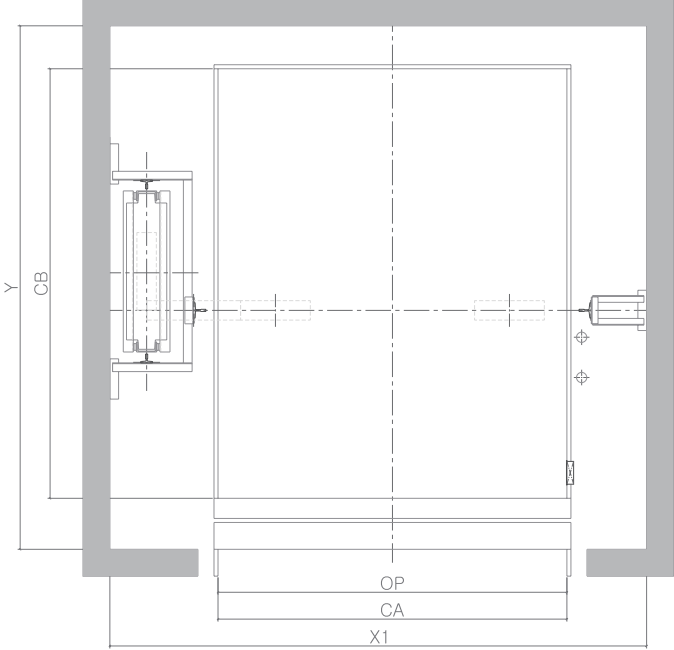
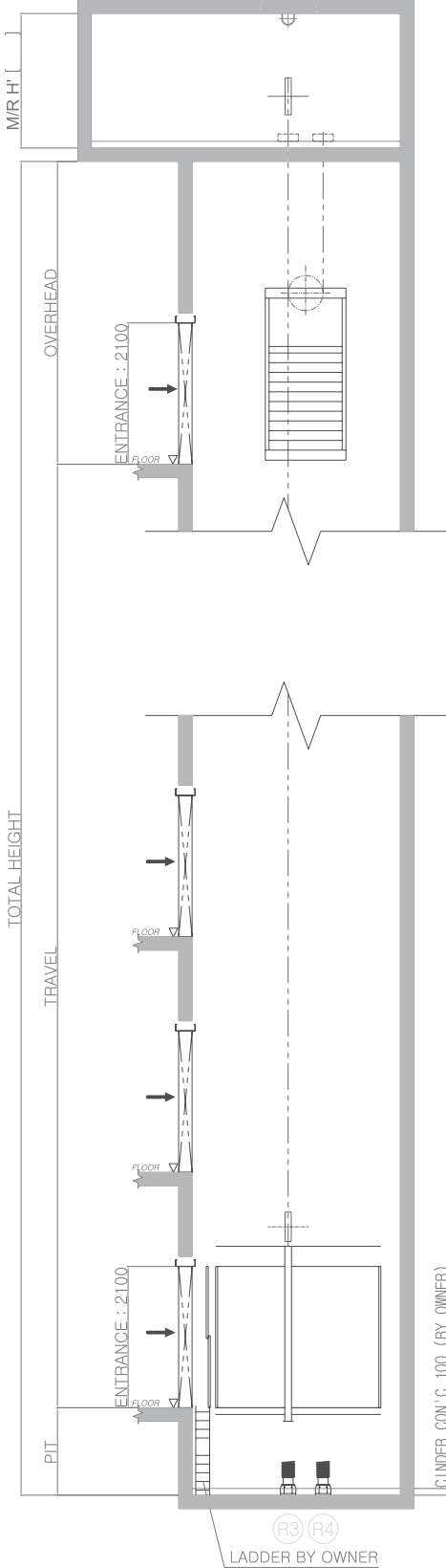
CENTER OPEN

CAPACITY		OPENING	CAR SIZE	HOISTWAY SIZE		
PERSONS	KG	OP	CA×CB	1Car	2Car	Y
				x1	x2	
20	1350	1100	1300×2300	2500	5200	2800
24	1600		1500×2300	2700	4600	
			1600×2180	2800	5800	2600

SIDE OPEN

CAPACITY		OPENING	CAR SIZE	HOISTWAY SIZE		
20	1350	1100	1300×2300	2200	4600	2800
24	1600		1500×2300	2400	5000	
			1600×2180	2500	5200	2600

FREIGHT ELEVATOR | 화물용



CAPACITY (KG)	SPEED (M/MIN)	TOP (OH)	PIT (PIT)
1000, 1500	30, 45, 60	4600	1500
2000, 2500	30, 45, 60	4800	1500
3000, 4000	30, 45	4800	1500
5000	30, 45	4800	1800

STANDARD DIMENSIONS(2-PANEL UP/DOWN OPEN/CLOSE)

SPEED (M/MIN)	CAPACITY KG	OPENING		CAGE SIZE			HOISTWAY SIZE		
		OP	OH	Internal			1Car	2Car	Depth
				CA	CB	CH	X1	X2	Y
30 45 60	1000	1500	2100	1500	2300	2100	2600	5500	3000
	1500	2100	2100	2100	2300	2100	3200	6700	3000
	2000	2100	2100	2100	2800	2100	3200	6700	3500
	2500	2400	2100	2400	2800	2100	3700	7700	3500
30 45	3000	2600	2100	2600	3200	2100	4000	8500	3900
	4000	2800	2100	2800	4300	2100	4300	9000	5000
	5000	3000	2100	3000	5000	2100	4600	9500	5800

ESCALATOR | 에스컬레이터

30°/35° HEAVY DUTY PUBLIC TRAFFIC TYPE ESCALATOR

MAIN SPECIFICATION

01	Installation Place	Indoor / Semi-Outdoor / Out door
02	Transit / Running Time	24hrs / day
03	Vertical Height	3~24m
04	Inclination	30°m
05	Step Width	800 / 1,000mm
06	Horizontal Step	4 steps
07	Upside curvature radius of escalator steps	3,000mm
08	Rated Speed	0.5m / sec, 0.62m / sec
09	Delivery Capacity	0.5m/sec : 4,800 / 6,000 People / hr 0.65m/sec : 5,900 / 7,300 people / hr
10	Lighting Power	3 phase, 380 / 440V, 50&60Hz
11	Lighting Power	1 phase, 220V, 50&60Hz



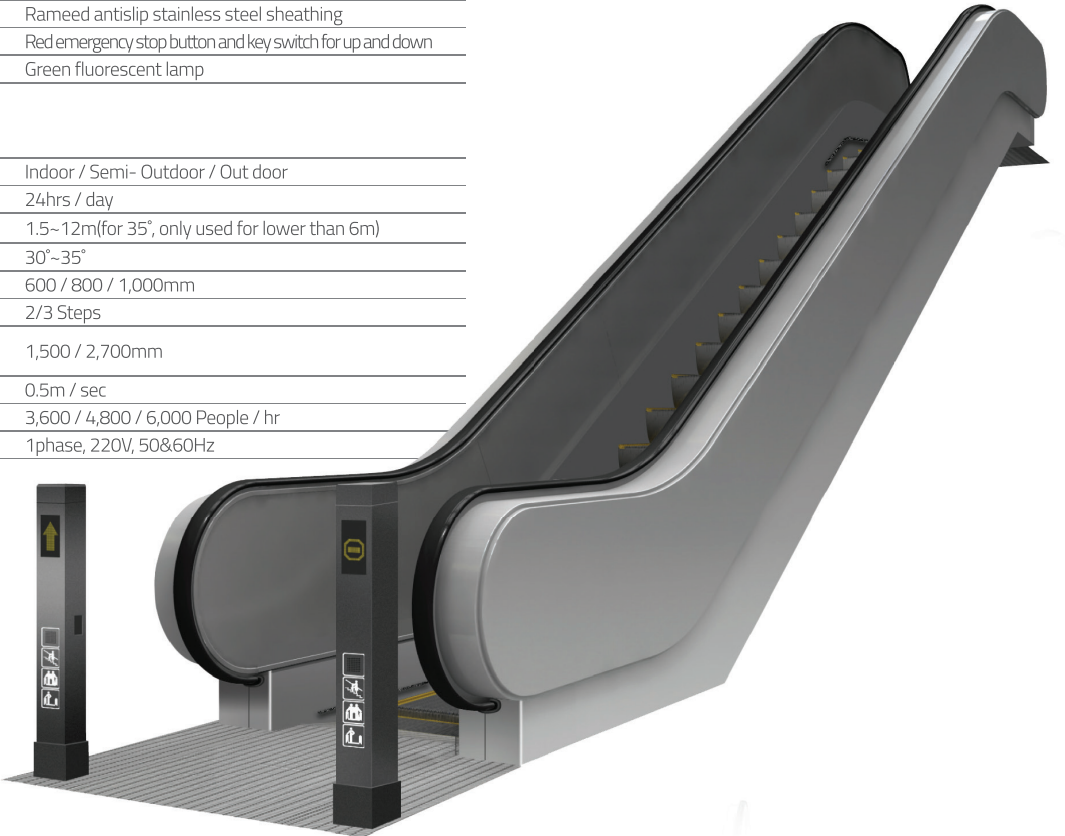
30°/35° PUBLIC TRAFFIC TYPE ESCALATOR

EXTERIOR DESIGN

01	Handrail Design	Vertical glass / inclined Stainless Steel Banister
02	Handrail Bracket	Aluminum Alloy / Stainless Steel Hairline Finish
03	Handrail	Sulfurized Black Rubber Ring-Bell inserting with steel wire rope(Other colors, except black is optional)
04	Exterior / Interior Panel or Deck	Stainless Steel Hairline Finish
05	Skirt Board	Stainless Steel Board coated with Teflon
06	Step	Cast Aluminum / Srainless Steel
07	Security sign of step	Yellow plastic Safety boarder
08	Landing Board	Rameed antislip stainless steel sheathing
09	Operation Panel	Red emergency stop button and key switch for up and down
10	Lighting under step	Green fluorescent lamp

MAIN SPECIFICATION

01	Installation Place	Indoor / Semi- Outdoor / Out door
02	Transit / Running Time	24hrs / day
03	Vertical Height	1.5~12m(for 35°, only used for lower than 6m)
04	Inclination	30°~35°
05	Step Width	600 / 800 / 1,000mm
06	Horizontal Step	2/3 Steps
07	Upside curvature radius of escalator steps	1,500 / 2,700mm
08	Rated Speed	0.5m / sec
09	Delivery Capacity	3,600 / 4,800 / 6,000 People / hr
10	Lighting Power	1phase, 220V, 50&60Hz



제외공사

다음 사항은 엘리베이터 설치 공사에 포함되지 않는 건축 및 전기공사입니다.

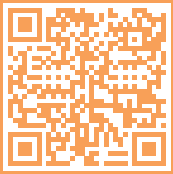
구분	작업내용	건 축	전 기
승강로 관계	각 층 출입구 주위 벽의 구멍 뚫기 공사(출입구, 승장버튼, 위치표시기, 홀랜턴용 등) 및 기기 설치 후의 벽 및 마감공사 (몰탈채우기 포함)	✓	
	출입구 좌·우 문틀 고정용 철근 설치공사	✓	
	피트 점검용 사다리 및 콘센트 설치공사(필요시)	✓	✓
	피트 내 방수처리공사 및 완충기 취부 후의 마감공사	✓	
	승강로 칸막이 또는 중간빔재의 공급 및 이의 설치공사(필요시)	✓	
	각종 PIN 제거 및 거푸집 제거	✓	
	각 층 출입구에 추락방지용 안전 난간대 설치	✓	
	최상층 분전반 설치 및 동력선 인입(3상 4선식 380V 60Hz, 승강장 내 제어반까지)		✓
	CCTV 설치시 전선의 배관·배선공사		✓
	승강로 기울이는 0~30mm 이내로 시공	✓	
기계실 관계	기타(도면에 표시된 사항)	✓	✓
	기계실 바닥의 기기 반입구, 로프구멍뚫기, 기타 도면에 표기된 사항 및 마감공사(신더콘크리트)	✓	
	승강장 천정 Hook 설치	✓	
	기계실 바닥 보강빔재 설치공사(필요시)	✓	
	설치공사 기간 중 공사용 용수 무상공급	✓	
	공사용 사무실 및 기자재 보관 장소의 무상제공	✓	
	승강기 설치 착공 이전에 기계실 출입문 설치	✓	
	기계실 이외의 장소에 인터폰 설치 시 승강로 밖의 배관·배선 공사, 마감공사		✓
	기계실의 조명설비 및 점검용 조명 콘센트 설비공사		✓
	설치공사 기간 중 공사용 및 시운전용 가설 전원공사 및 전력 무상공급	✓	✓
	감시반 적용시(감시반~승강로)의 감시반용 전선 배선 배관공사		✓
	동력 및 케이지 내 조명, 비상전원의 기계실 수전반까지의 인입공사 및 수전반 공급설치 공사		✓



CAUTION

관계공사
유의사항

- 01. 기계실 출입구는 방화문으로 1개소이며 타 장소와의 통로가 되지 않는 구조로 설치바랍니다.
- 02. 기계실 내부, 승강로 내부 및 벽체에는 타 용도의 닥트, 배관(전기, 수도, 가스, 소화전) 등의 노출은 피하여 주시기 바랍니다.
- 03. 피트 하부는 사람의 주거용 및 통로, 기타 다른 용도로 사용할 수 없습니다.
- 04. 전원·전압 변동은 -10%~+5% 이내가 되도록 전원설비 바랍니다.
- 05. 기계실 온도는 40℃, 습도는 90% 이하로 유지되도록 환기창, 환풍기 또는 기타 공조시설(空調施設)을 설치하여 주시기 바라며, 유독가스의 발생, 분진 등이 없도록 유의바랍니다.
- 06. 전망용 및 누드형 MRL은 외장유리를 접합 유리로 시공하고 출입구쪽은 바닥에서 1.1M 높이까지 불투명 시공 바랍니다.
- 07. 승강로 내부는 1등급 불연재로 시공 바랍니다.
- 08. 장애인용은 전층 출입구에 점자블록 시공 바랍니다.
- 09. 장애인용은 승강장 바닥기준으로 기타층은 조도 150Lux 이상, 기계실(MRL 타입은 최상층)은 200Lux(스위치 설치) 이상 확보 바랍니다.



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