

# EXCEL-2000 전기도면



구일엔지니어링

경기도 군포시 산본동 49-15 (4층)

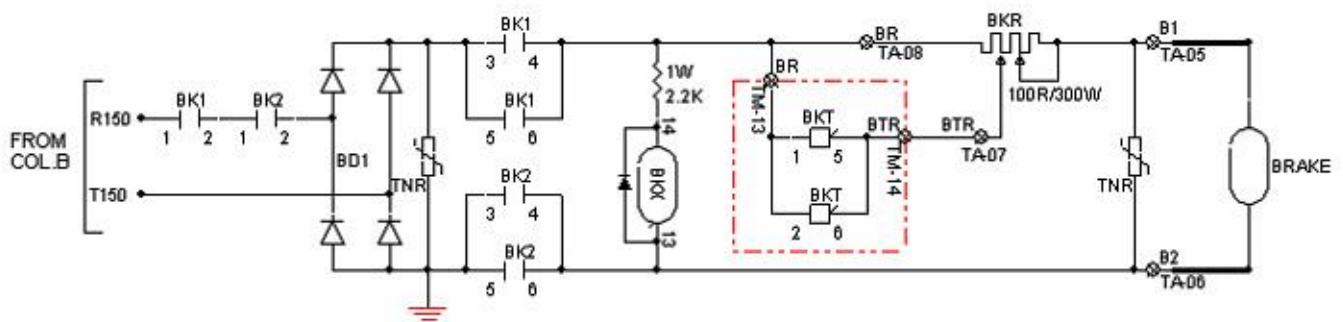
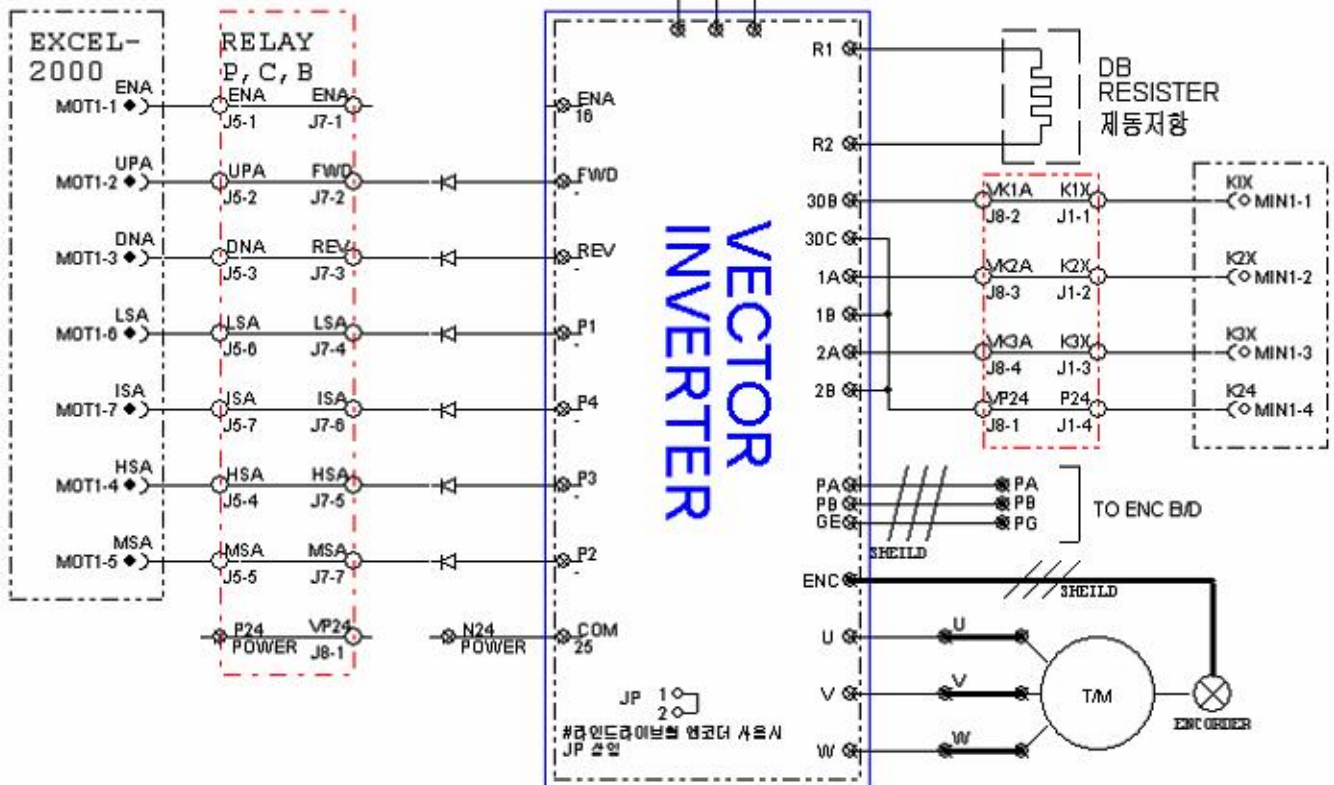
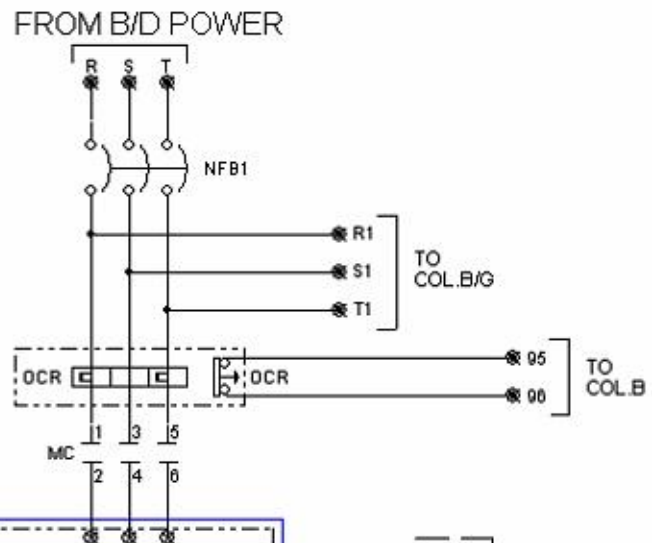
TEL : 031) 391-9166 (代) FAX : 031) 391-9106



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## COL. A

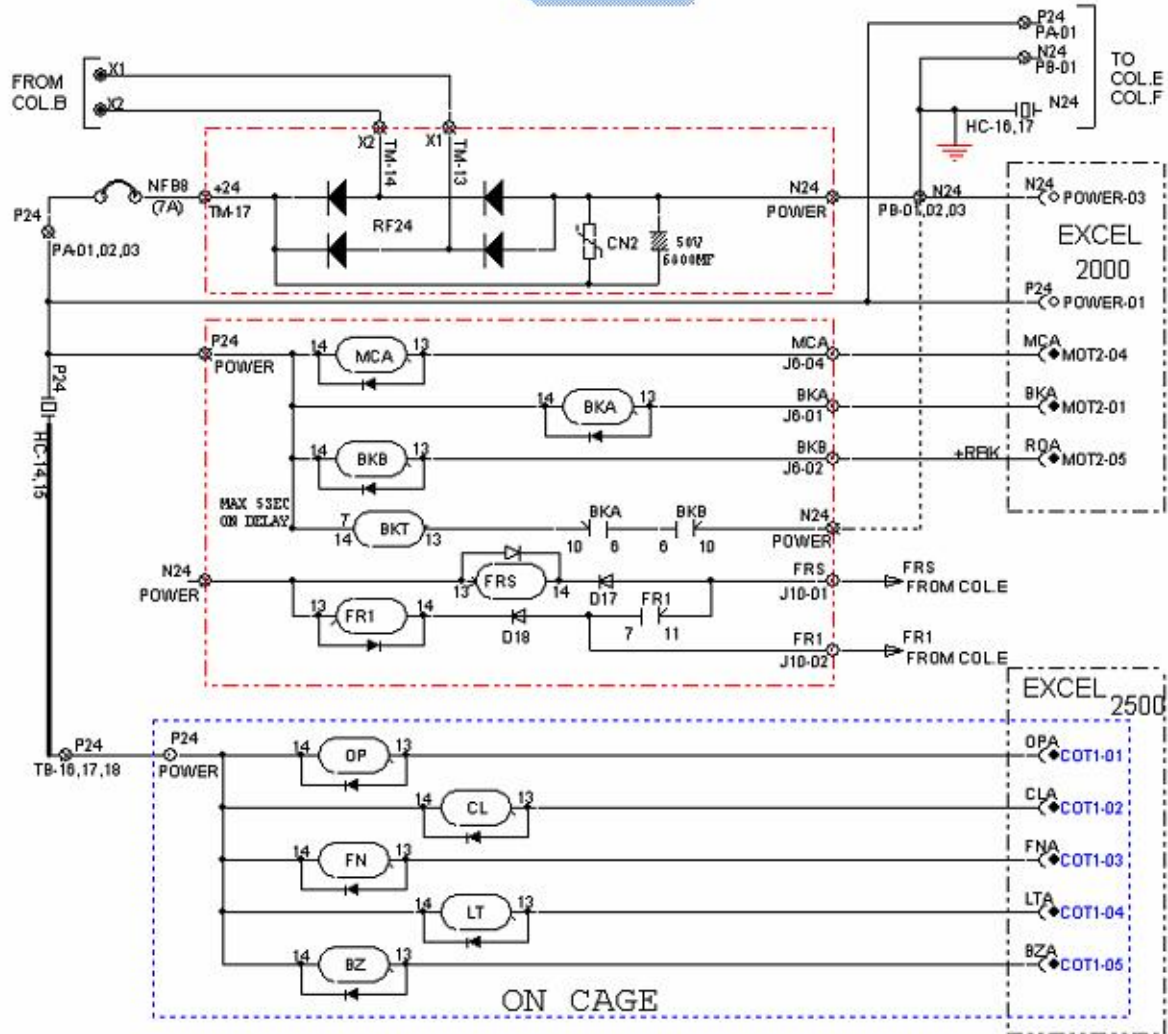
SPEED	CLOSE TO No.25(COM) IN VECTOR INVERTER INPUT TERMINAL	PROG NO	PROG DATA
90M/M현장 HIGH	FWD/REV,P3	FUN-17	1750(90M)
60M/M현장 HIGH	FWD/REV,P2	FUN-15	1740(60M) 1350(90M)
LEVEL SPEED	FWD/REV,P1	FUN-13	70
HAND SPEED	FWD/REV,P4	FUN-20	300



TA-01/15 = 기계실 CP 10P 단자대  
TM-01/20 = 기계실 CP RELAY PCB 20P(SWING PANEL)

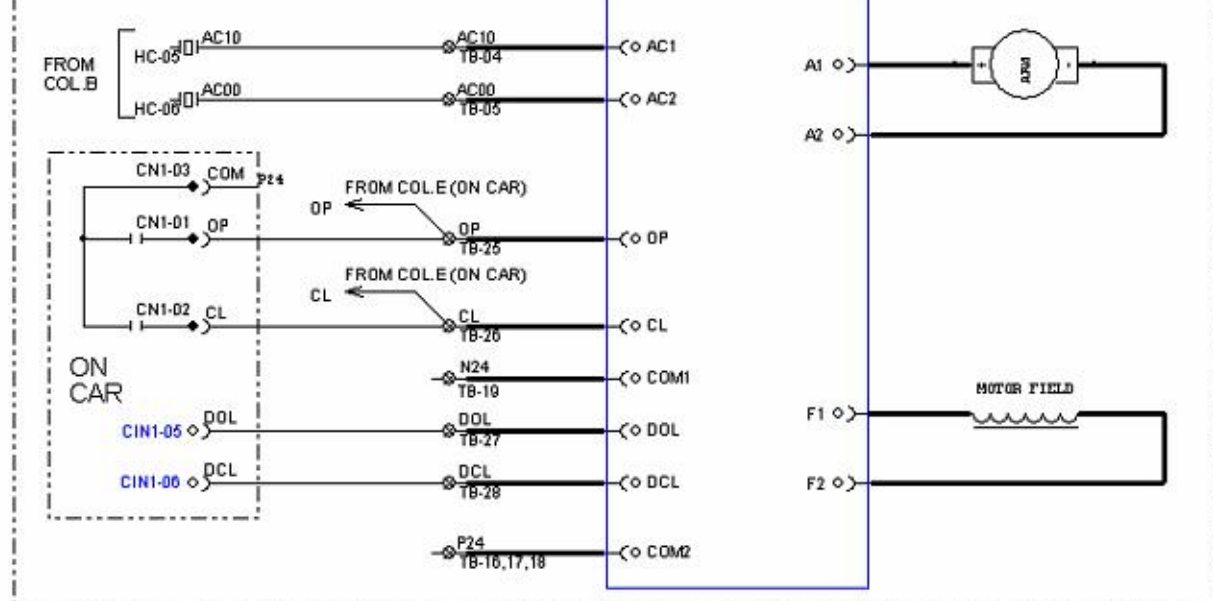


# COL.C



+RBK  
ROPE  
BRAKE  
사용시  
2선

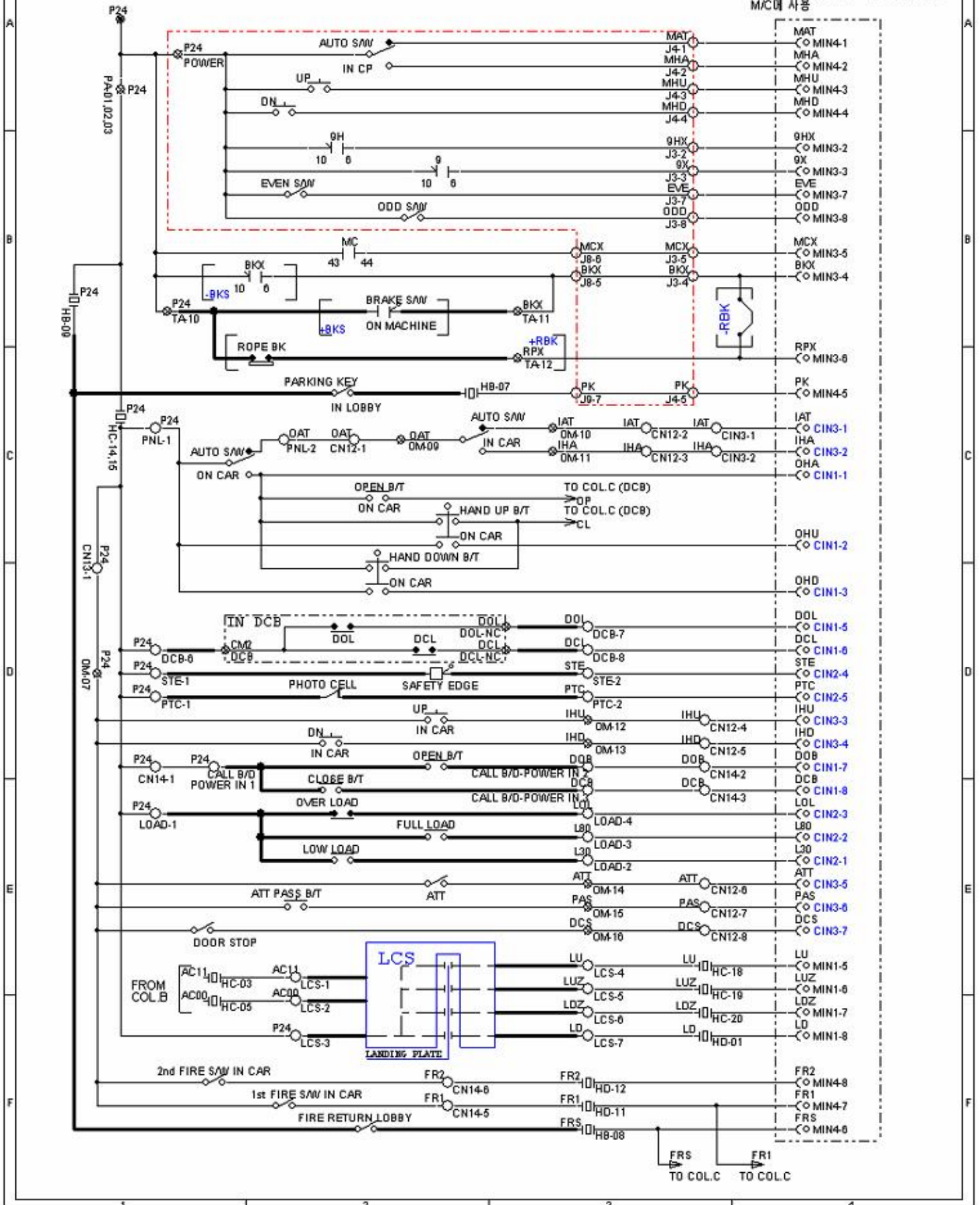
## DOOR CONTROL B/D





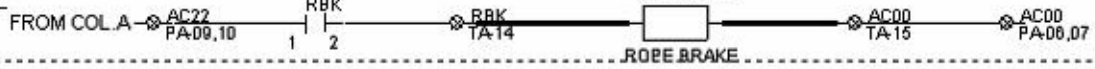
# COL.E

+RBK= ROPE BRAKE 사용시결선  
(미사용시 BKX와 결선)  
+BKX=BRAKE기방 확인 SW가 있는  
M/C에 사용

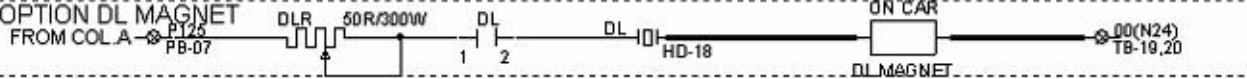


# COL.F

## +ROPE BRAKE



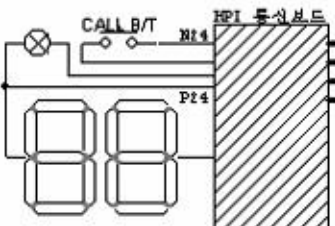
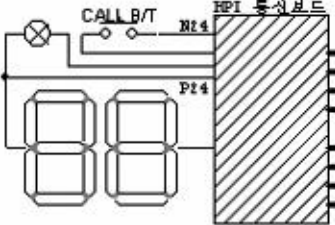
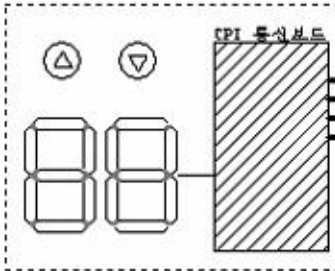
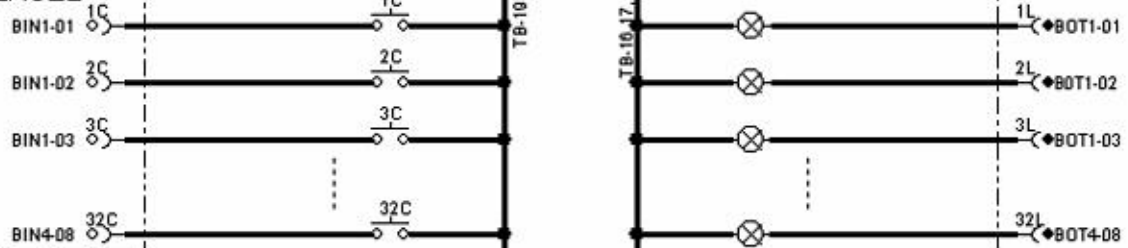
## +OPTION DL MAGNET



FROM COL.C

ON CAR

## EXCEL



- TA-01/10 =기계실 CP 10P 단자대
- TM-01/20 =기계실 CP RELAY PCB 20P (SWING PANEL)
- PA-01/15 =기계실 CP 15P(SWING PANEL)
- PB-01/15 =기계실 CP 15P(SWING PANEL)
- PC-01/06 =기계실 CP 6P(SWING PANEL)
- TB-01/40 =CAR상부 운전반 40P 단자대
- OM-01/20 =OPB 내부 15P 단자대



구일엔지니어링

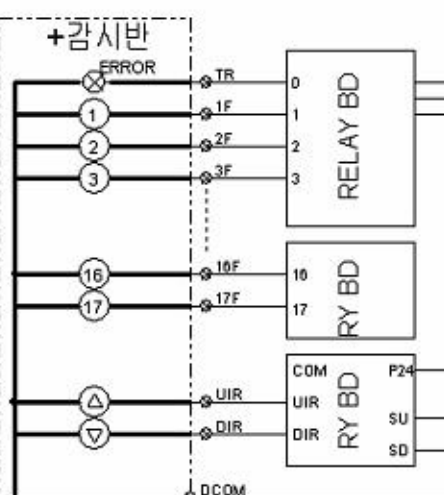
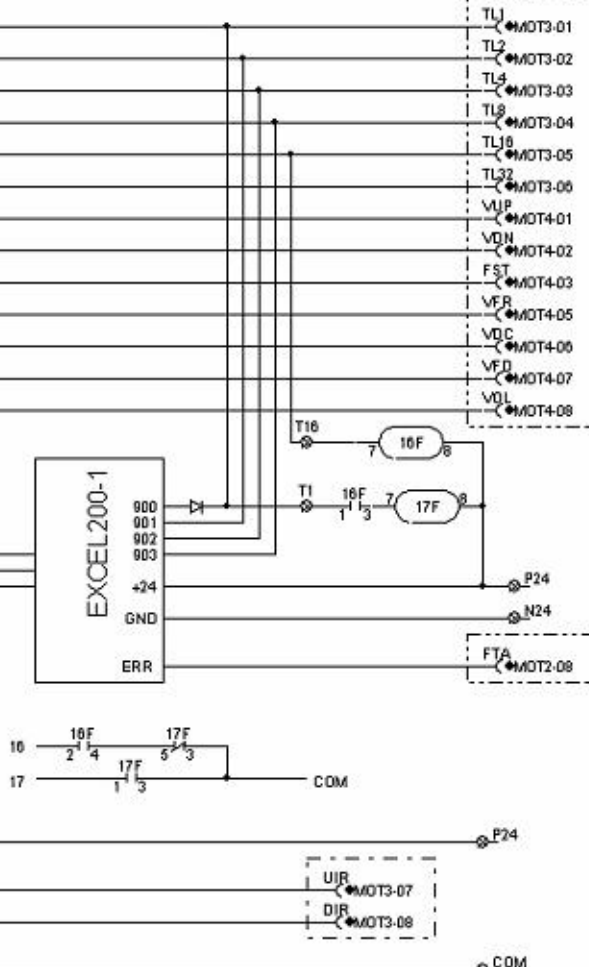
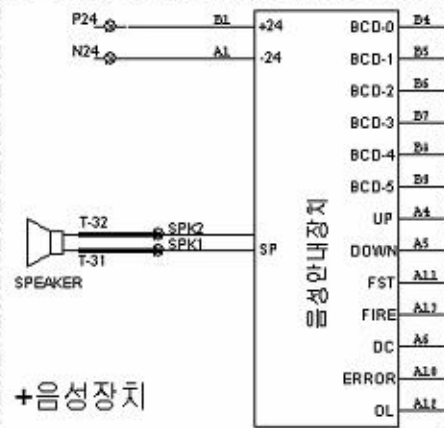
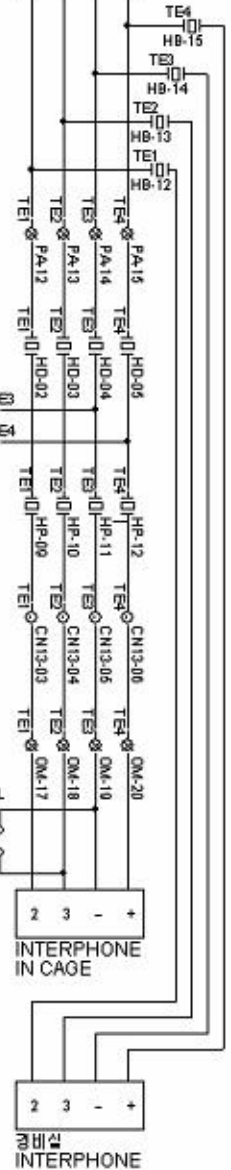
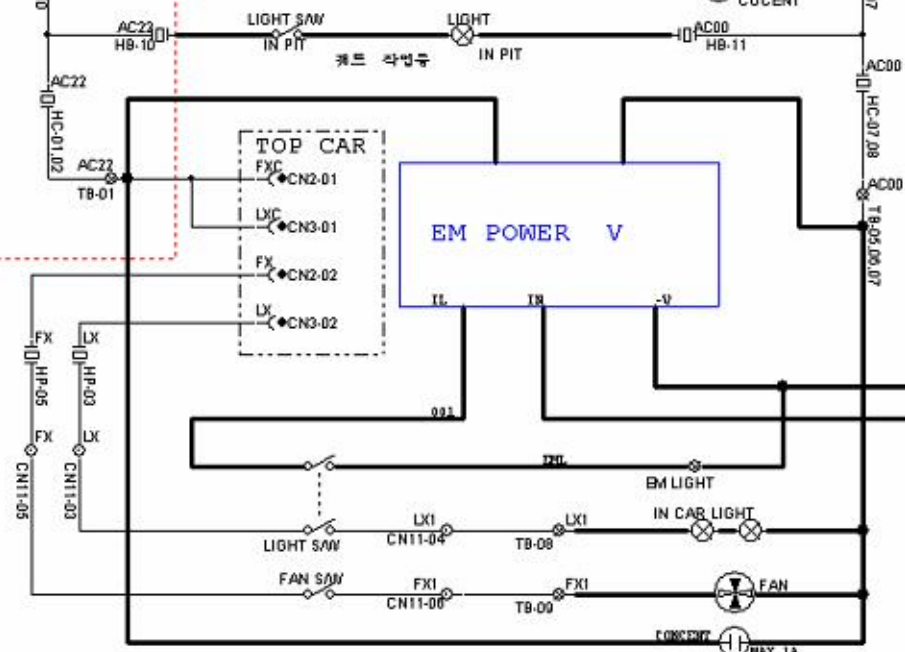
COL. G

AC220V서동시-AC22

FROM COL.B

FROM COL.B

INTERPHONE  
IN MIC ROOM



구일엔지니어링



# CP및 승강로 현장결선도

TOP FLOOR LEVEL

SLUM

SLDH

SLOM

DL

DOT

HC= T-CABLE 1-20 CABLE NO.20

HD= T-CABLE 21-40 CABLE NO.20

HD-21P

HC-21P

HA (상부리미트용 8Cx0.75SQ-10M)

HA

HB (하부리미트용 20Cx0.75SQ)

HB

HC

HD

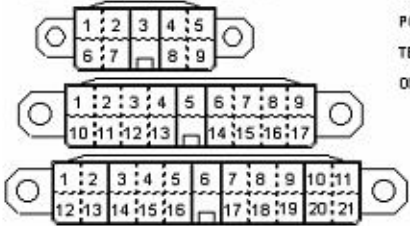
리미트 스위치 간격	60MMIN	90MMIN
NO	30MM	30MM
A	200MM	200MM
B	1400MM	1200MM
C	NOT USE	1800MM
D	30MM	30MM
E	200MM	200MM
F	1400MM	1200MM
G	NOT USE	1800MM
H		

상부리미트	NO	SIGNAL
HA-01	P125	
HA-02	SLUH	
HA-03	SLUM	
HA-04	UL	
HA-05	2-1	
HA-06	2	
HA-07	EARTH	
HA-08		
HA-09		

하부리미트	NO	SIGNAL
HB-01	P125	
HB-02	SLOH	
HB-03	SLOM	
HB-04	DL	
HB-05	2-2	
HB-06	3	
HB-07	PK	
HB-08	FRS	
HB-09	P24	
HB-10	AC22/11	
HB-11	AC00	
HB-12	TE1	
HB-13	TE2	
HB-14	TE3	
HB-15	TE4	
HB-16	EARTH	
HB-17		

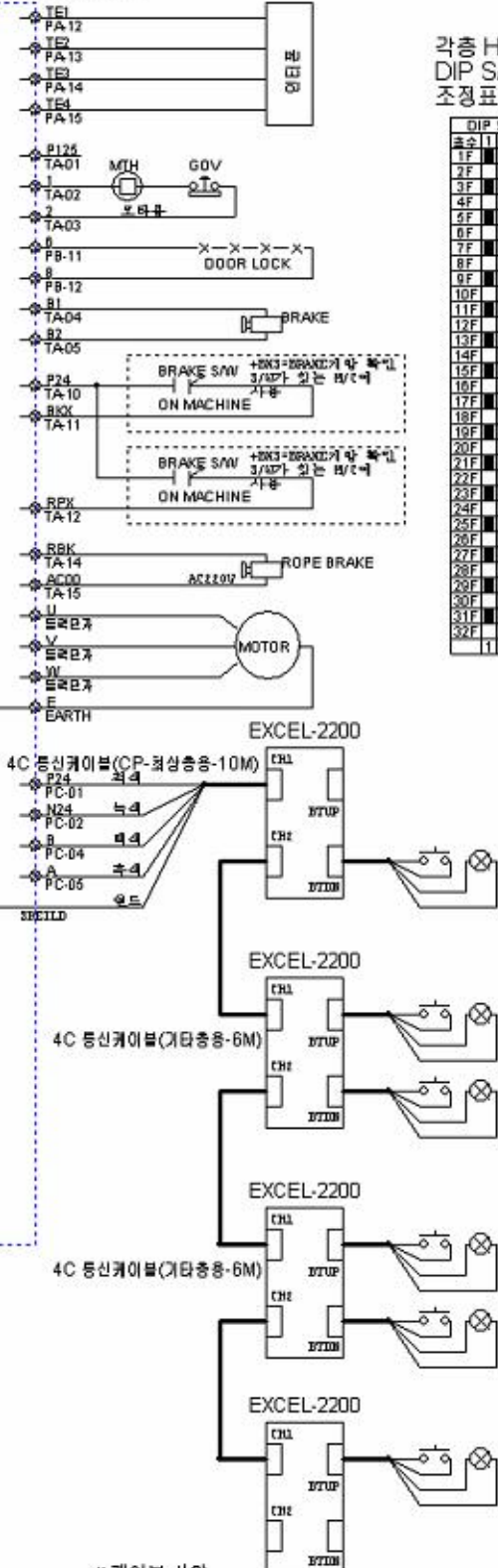
HD-21P	NO	SIGNAL	No
	Y-21	LO	01
	Y-22	TE1	02
	Y-23	TE2	03
	Y-24	TE3	04
	Y-25	TE4	05
	Y-26	GND	06
	Y-27	ROX	07
	Y-28	TRX	08
	Y-29	TX	09
	Y-30	TX	10
	Y-31		11
	Y-32		12
	Y-33	GND	13
	Y-34	SPK1	14
	Y-35	SPK2	15
	Y-36	FR1	16
	Y-37	FR2	17
	Y-38	DL	18
	Y-39	B(CPI)	19
	Y-40	A(CPI)	20
			21

- 기계실 CP 10P 단자
- 기계실 CP RELAY PCB 20P(SWING PANEL)
- 기계실 CP 15P(SWING PANEL)
- 기계실 CP 15P(SWING PANEL)
- 기계실 CP 6P(SWING PANEL)
- CAR상부 운전반 40P 단자
- OPB 내부 15P 단자



(판별고정용 하네스를 밖에서 바라볼 때의 핀 번호임)

## CONTROL PANEL



각층 HPI/HIB DIP SW 조정부

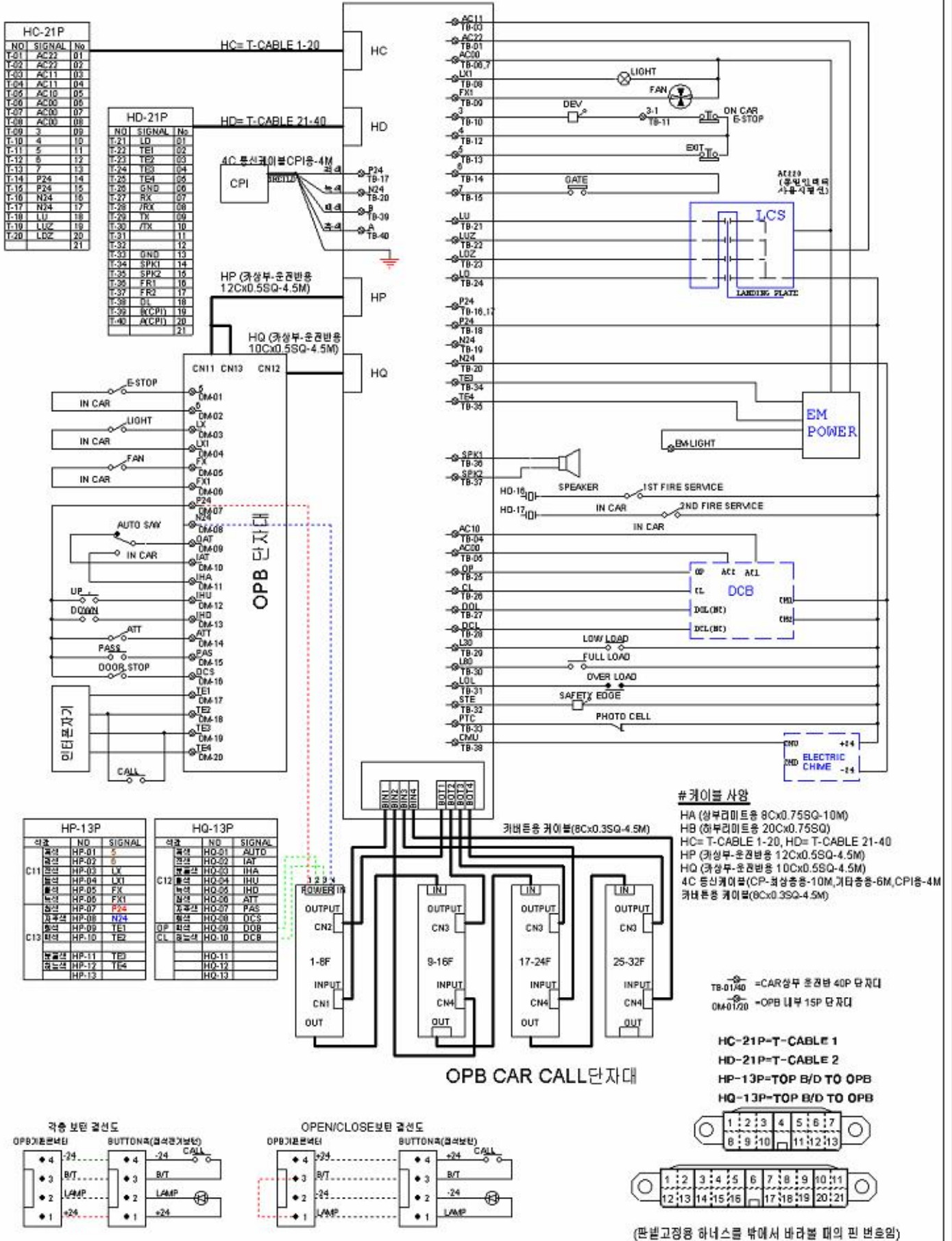
DIP SW	1	2	3	4	5	6
1F						
2F						
3F						
4F						
5F						
6F						
7F						
8F						
9F						
10F						
11F						
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31F						
32F						

### #케이블 사양




































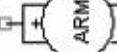





- HA (상부리미트용 8Cx0.75SQ-10M)
- HB (하부리미트용 20Cx0.75SQ)
- HC= T-CABLE 1-20, HD= T-CABLE 21-40
- HP (차상부-운전반용 12Cx0.5SQ-4.5M)
- HQ (차상부-운전반용 10Cx0.5SQ-4.5M)
- 4C 동신케이블(CP-최상층용-10M,거다층용-6M,CPI용-4M)



# CAR TOP/CAR주위 현장 결선도



## SYMBOL SPECIFIC

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WIRE IN CONTROL PANEL		WIRE IN HOISTWAY
	"A" CONTACT IN PCB		CONDENSER
	"A" CONTACT MAGNETIC CONTACTOR		DIODE
	"B" CONTACT MAGNETIC CONTACTOR		RESISTER
	"A" CONTACT MY-4 TYPE RELAY		FUSE
	"B" CONTACT MY-4 TYPE RELAY		TERMINAL IN PCB
	"A" CONTACT LIMIT SWITCH		"A" CONTACT TOGGLE SWITCH
	"B" CONTACT LIMIT SWITCH		"B" CONTACT TOGGLE SWITCH
	"A" CONTACT CAM SWITCH		OCR
	"A" CONTACT CAM SWITCH		MOTOR THERMAL SWITCH
	HATCH DOOR INTERLOCK		LAMP
	BLOWER MOTOR FAN MOTOR IN CAGE		UP,DOWN DIRECTION LAMP
	"A" CONTACT PUSH BUTTON		"B" CONTACT PUSH BUTTON
	"B" CONTACT FROM OCR		TERMINAL IN CONTROL PANEL
	TRANSF ORMER		TERMINAL IN HOISTWAY
	MOTOR FIELD		SOLENOIDE
	COIL OF MAGNETIC CONTACTOR		GONG
	NFB(NO FUSE BREAKER)		BUZZER
	MOTOR ARMATURE		COIL OF MY-4 TYPE RELAY
	INPUT IN I/O CARD		OUTPUT IN I/O CARD
	TERMINAL IN INVERTER		HARNESS CABLE