

TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)

Order Number : SO20240320-0010

Company Name : (주)우진플라임-Top QC 개발기

Model : TE650A5

Ver. 1.01

Edit date 2025-01-14

Number of Page 91

Design Change Statement

Date	Page	Contents (about change of design)	Effective Date	Before change	After change	Notes
2024-02-05		신규설계	즉시			1.00
2025-01-14		드라이브변경 (KEB > KEBA)	즉시			2.00

0	1	2	3	4	5	6	7	8	9			
Table of contents												
Assignment		Page	Page description									
=TITLE		1	TEA5 ELECTRINC CIRCUIT DIAGRAM TITLE									
		2	DESIGN CHANGE STATEMENT									
		3	INDEX									
		3.a	INDEX									
		3.b	INDEX									
		3.c	INDEX									
		7	SYMBOL DRAWING DIAGRAM									
		8	OBJECT DESIGNATION Examples									
		9	ELETRIC POTENTIAL									
		10	Overview Terminal Boxes									
		11	Device_Tag									
		11.a	Device_Tag									
		11.b	Device_Tag									
		11.c	Device_Tag									
		11.d	Device_Tag									
		11.e	Device_Tag									
		11.f	Device_Tag									
		11.g	Device_Tag									
		11.h	Device_Tag									
		20	OVERVIEW PLC (B&R)									
		21	+UH1_PLC CARD OVERVIEW									
		22	+UH1_PLC CARD OVERVIEW									
		23	+UH1_PLC CARD OVERVIEW									
		24	+UH1_PLC CARD OVERVIEW									
		25	+UH1 SAFETY PLC CARD OVERVIEW									
=CAB +UH0		Power Cabinet										
		26	+UH0_Power Cabinet PANEL									
본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다. 본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.			This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.					INDEX		= TITLE		
								TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)		REV.NO. 2.00	Page 3	
												Page 91

0	1	2	3	4	5	6	7	8	9	
Table of contents										
Assignment		Page	Page description							
=TITLE		1	TEA5 ELECTRINC CIRCUIT DIAGRAM TITLE							
		2	DESIGN CHANGE STATEMENT							
		3	INDEX							
		3	INDEX							
		3.a	INDEX							
		3.b	INDEX							
		3.c	INDEX							
		6	SYMBOL DRAWING DIAGRAM							
		7	OBJECT DESIGNATION Examples							
		8	ELETRIC POTENTIAL							
		9	Overview Terminal Boxes							
		10	Device_Tag							
		10.a	Device_Tag							
		10.b	Device_Tag							
		10.c	Device_Tag							
		10.d	Device_Tag							
		10.e	Device_Tag							
		10.f	Device_Tag							
		10.g	Device_Tag							
		10.h	Device_Tag							
		19	OVERVIEW PLC (B&R)							
		20	+UH1_PLC CARD OVERVIEW							
		21	+UH1_PLC CARD OVERVIEW							
		22	+UH1_PLC CARD OVERVIEW							
23	+UH1_PLC CARD OVERVIEW									
24	+UH1 SAFETY PLC CARD OVERVIEW									
=CAB +UH0		Power Cabinet								
		25	+UH0_Power Cabinet PANEL							
본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다. 본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.			This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.					INDEX		= TITLE
						TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)		REV.NO. 2.00	Page 4	Page 91

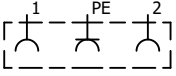
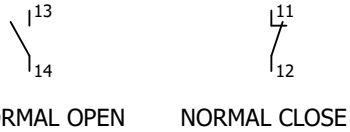
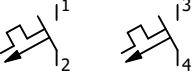
Table of contents

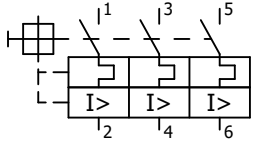
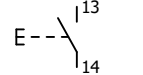
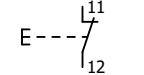
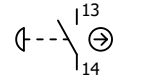
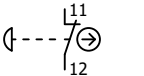
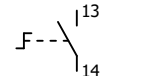
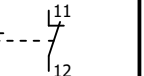
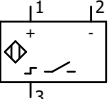
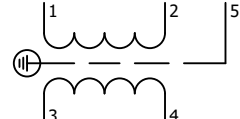
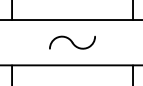
Assignment	Page	Page description
=CAB +UH1		Control Cabinet
	26	+UH1_Control Cabinet PANEL
=CAB +UH2		Servo Drive Cabinet
	27	+UH2_Drive Cabinet PANEL A
	28	+UH2_Drive Cabinet PANEL B
	29	+UH2_Drive Cabinet PANEL C
	30	+UH2_Drive Cabinet PANEL D
=CAB +UH3		Rear Side Cabinet
	31	+UH3_Rear Side Cabinet PANEL
=CAB +UH4		Heater Cabinet
	32	+UH4_MOUNTUNG PANEL
=CAB +UH5		Ejector Cabinet
	33	+UH0_Power Cabinet PANEL
=CAB +UH6		Front Side Cabinet
	34	+UH6_Front Side Cabinet PANEL
=STD +UH0		Power Cabinet
	35	Circuit Breaker 1
	36	Circuit Breaker 2
	37	Inverter Circuit
=STD +UH1		Control Cabinet
	38	Control Power & Circuit Breaker
	39	AC/DC Converter
	40	General Relay & Electronic Switch 1
	41	General Relay & Electronic Switch 2
	42	General Relay & Electronic Switch 3
	43	General Relay & Electronic Switch 4
	44	Safety Relay 1
	45	Safety Relay 2
	46	Safety PLC Power 1

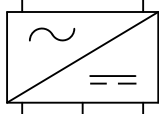
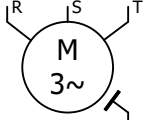
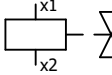
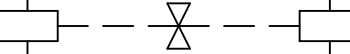
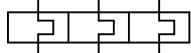
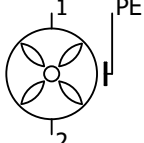
0	1	2	3	4	5	6	7	8	9	
Table of contents										
Assignment		Page	Page description							
=STD +UH1		Control Cabinet								
		47	Safety PLC Power 2							
		48	PLC Power 1							
		49	PLC Power 2							
		50	PLC Power 3							
		51	Heater Assy Circuit Breaker							
		52	Heater Assy Solid State Relay							
		53	Door Fan							
=STD +UH2		Servo Drive Cabinet								
		54	Circuit Breaker 1							
		55	Servo Drive 1							
		56	Servo Drive 2							
		57	Servo Drive 3							
		58	Servo Drive 4							
		59	Servo Drive 5							
		60	Servo Drive 6							
		61	Door Fan 1							
		62	Door Fan 2							
		63	Door Fan 3							
=STD +UH3		Rear Side Cabinet								
		64	Rear Side Box Connector Power							
		65	Emergency Stop & Safety Door							
		66	Injection Gate & Interlock							
		67	Valve							
		68	Greas PUMP							
=STD +UH4		Heater Cabinet								
		69	Theomocouple 1							
		70	Theomocouple 2							
		71	Heater 1							
본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다. 본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.			This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.					INDEX		= TITLE
						TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)		REV.NO. 2.00	Page 91	

0	1	2	3	4	5	6	7	8	9
Table of contents									
Assignment		Page	Page description						
=STD +UH4		Heater Cabinet							
		72	Heater 2						
		73	Sensor						
		74	Motor & Motor Fan						
=STD +UH5		Ejector Cabinet							
		75	Rear Side Box Connector Power						
		76	Valve						
		77	Motor & Motor Fan						
=STD +UH6		Front Side Cabinet							
		78	Rear Side Box Connector Power						
		79	Emergency Stop & Purge Cover						
		80	Safety Door						
		81	Lubrication & Buzzer						
		82	Switch						
=STD +UH7		Mold Block							
		83	Sensor 1						
		84	Sensor 2						
		85	Valve						
		86	Rotary Encoder						
		87	Motor & Motor Fan						
		88	Signal Tower						
=STD +UH10		Moniter Cabinet							
		89	Fans & Monitor Power						
=STD +UH12		Nozzle Unit							
		90	Pressure Sensor & Valve						
		91	Motor						
=STD +UH16		Sockets Cabinet							
		92	3-phase						
본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다. 본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.			This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.					INDEX	
						TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)		REV.NO. 2.00	= TITLE + Page 7 Page 91

SYMBOL DRAWING DIAGRAM

	TERMINAL BLOCK
	DT : XD CONNECTOR (PLUG&SOCKET)
	DT : XD CONCENT
	DT : K CONTACTOR RELAY
 NORMAL OPEN	DT : K CONTACT
 NORMAL CLOSE	
	DT : QA MAGNETIC CONTACTOR
	DT : F FUSE
	DT : FC CIRCUIT PROTECTOR 1P
	DT : FC CIRCUIT PROTECT 2P

	DT : FC CIRCUIT PROTECT 3P
	DT : Q MOLDED CIRCUIT BREAKER
 NORMAL OPEN	DT : S PUSH BUTTON
 NORMAL CLOSE	
 NORMAL OPEN	DT : SF EMERGENCY STOP SWITCH
 NORMAL CLOSE	
 NORMAL OPEN	DT : S SELECTOR SWITCH
 NORMAL CLOSE	
 NORMAL OPEN	DT : SF LIMIT SWITCH
 NORMAL CLOSE	
	DT : BG PROXIMITY SENSOR
	DT : T TRANSFORMER
	DT : RF NOISE FILTER

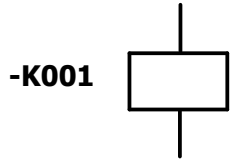
	DT : T POWER SUPPLY
	DT : PF LAMP
	DT : M 3 PHASE MOTOR
	DT : QM SOLENOID VALVE
	DT : QM SOLENOID VALVE, 2 COIL
	DT : QB THERMAL OVERLOAD RELAY
	DT : GQ FAN
	DT : BT THERMOCOUPLE
	DT : BG POTENTIOMETER

Examples of used letter codes and definitions regarding Equipment identification and numbering

장치 식별 및 넘버링에 사용된 문자 코드 정의의 예

Operating device

장치



+nnn -K 001

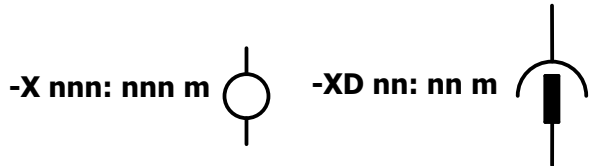
Continuous numbering
Letter code with regard to
the intended purpose or task.
Location designation

장치 증분에 따른
증분되는 번호
장치 종류에 따른 문자코드
장치 위치

Objects - Terminal block, Plug

개체 - 단자대, 커넥터

XD

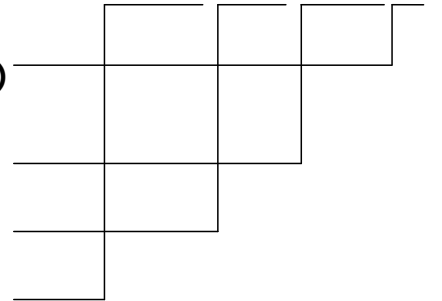


X nnn :nnn m

Terminal connection (a,b = double-,
a,b,c = triple-, a,b,c,d = quad-
Terminal strip)
Continuous numbering
of Terminal connection
Identification No. of Terminal Block/Plug
Letter code with regard to
the intended purpose or task.

단자대 연결
(a,b = 2포트, a,b,c = 3포트, a,b,c,d = 4포트)
단자대 증분에 따른
증분되는 넘버
단자대/커넥터의 식별 번호
사용 목적에 따른 장치 구분식별 번호

-XD 21:22a



Connection numbering between device

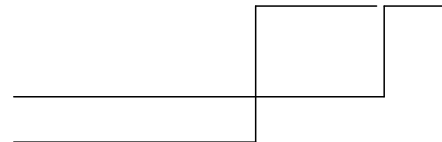
장치간의 연결 넘버링

+nnn :nn

Device connection Pin No. - Relay Pin No.
Starting/Arriving Device tag - Relay/Relay

장치 핀번호 -릴레이 핀 번호.
장치 라벨링 -릴레이 장치 코드

-K101:23
-K100:24



Display of cross-references

상호참조에 대한 표시

+ nnn /nnn .n

Position grid No. - (0-9) 열(그리드) 위치번호 -(0-9)
Page number 페이지 번호
Location designation 박스 위치

+UH2/065.1 / /074.9

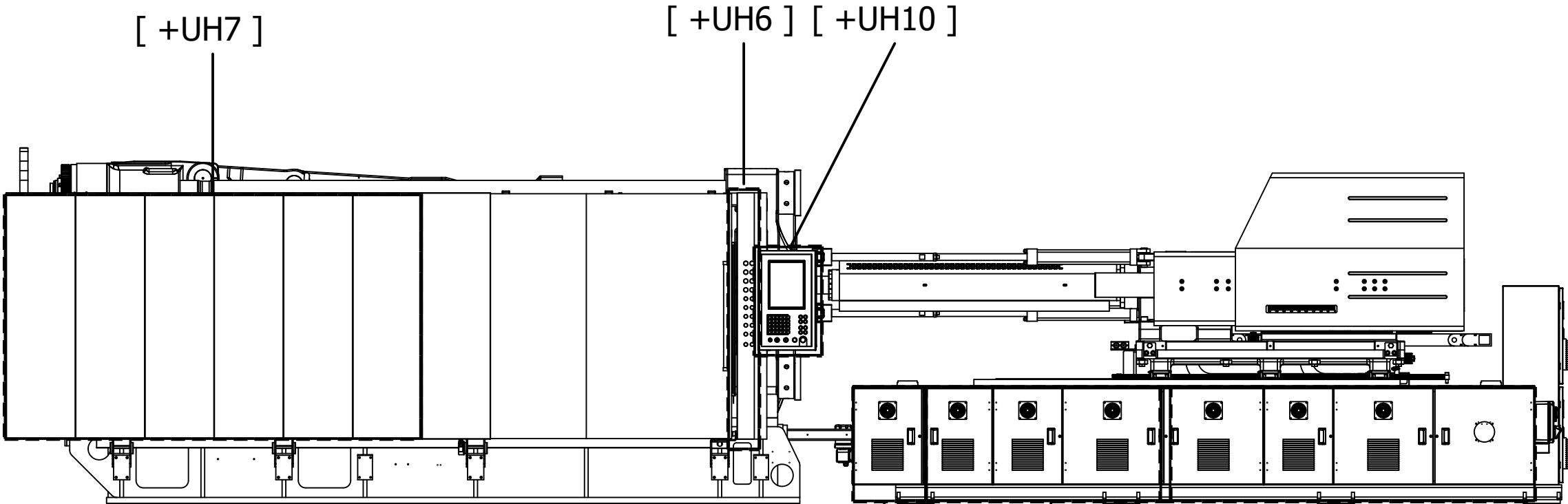
Component is located in
installation site +U2
on page 65, column 1
Installation site is unchanged,
component is located on page
74, column 9

*전위 넘버링 (Electric Potential Numbering)

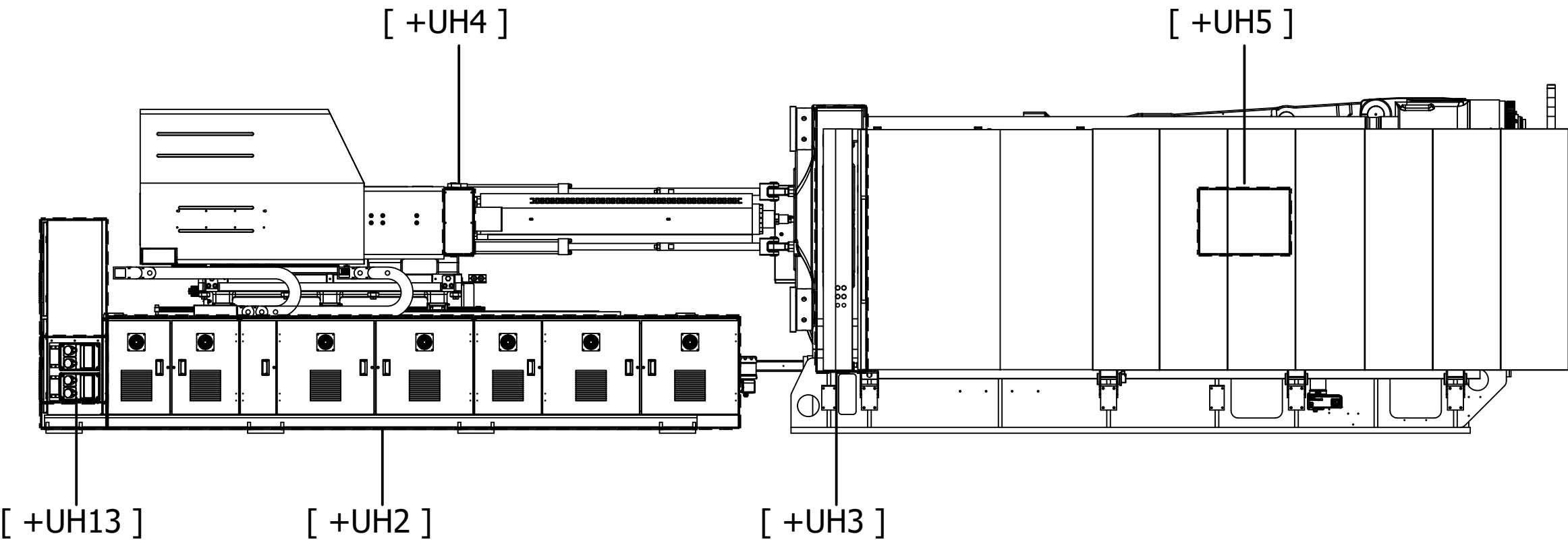
DC 파워서플라이(DC Power Supply)				단상 전원 라인 넘버링(Single phase)			
메인1(Main1)	P1	N1		단상 전원부 2차측 (Single Power)	RN1	TN1	
메인2(Main 2)	P2	N2		파워서플라이 전원 (Power supply)	RN2	TN2	
메인3(Main 3)	P3	N3		추가분(Single Power Additional)	RN+	TN+	
LCD 파워(LCD Power)	P4	N4					
센서 파워(Sensor Power)	P5	N5					
팬 파워(Fan Power)	P6	N6					
사출게이트(InJection Gate)	P7	N7					
DC파워서플라이(DC Power Supply)	Px+	Nx+		팬조작 마그네트(FAN operation magnet)	RN9	TN9	
삼상 전원 (기본) (Three-phase Standard)							
삼상메인전원(Three phase MainPower)	R	S	T				
메인차단기 2차(Main break)	R1	S1	T1	삼상 전원(옵션) (Three-phase Option)			
모터마그넷 2차(Motor magnet)	R1x	S1x	T1x	전동코어(Electric core)	R90	S90	T90
히터(Heater)	R2x	S2x	T2x	하트 러너 (Heat Runner)	R91	S91	T91
3상5구 (Three Phase)	R3x	S3x	T3x	유압 유닛(Hydraulic unit)	R92	S92	T92
형조정 (Mold Adjustment)	R4x	S4x	T4x	접지 (grounding)			
순환펌프(Cooling cycle pump)	R5x	S5x	R5x	Motor	PE:Mx	x = 모터넘버링(Motor Number)	
모터 팬(Motor FAN)	R6x	S6x	T6x	제어부 및 접지 단자대(Grounding Terminal block) 기존 2행 넘버링(Same as the existing two-row numbering)			
단상(Single-Phase)	R7x	S7x	T7x				

Overview Terminal Boxes

[Front Side]



[Rear Side]



Code	Description
+UH0	Power Cabinet
+UH1	Control Cabinet
+UH2	Servo Drive Cabinet
+UH3	Rear Side Cabinet
+UH4	Heater Cabinet
+UH5	Ejector Cabinet
+UH6	Front Side Cabinet
+UH7	Mold Block
+UH10	Moniter Cabinet
+UH12	Nozzle Unit
+UH16	Sockets Cabinet

본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다.
본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.



Overview Terminal Boxes
TEA5 ELECTRIC CIRCUIT DIAGRAM
(TE450A5 ~ TE850A5)

REV.NO.
2.00

= TITLE	
+	
Page	11
Page	91

Device tag list

Device tag	Function text
=STD+UH0-A011	Inverter 인버터
=STD+UH0-FC051	Single-Phase Circuit breaker 단상 차단기
=STD+UH0-Q001	Main Power Circuit Breaker 메인 차단기
=STD+UH0-Q002	Circuit Breaker Injection Motor 사출모터 차단기
=STD+UH0-Q003	Circuit Breaker Charge Motor 계량모터 차단기
=STD+UH0-Q004	Circuit Breaker Mold Motor 형체 모터 차단기
=STD+UH0-Q005	Circuit Breaker Ejector Motor 에젝터 모터 차단기
=STD+UH0-Q022	Circuit Breaker MH/Nozzle Inverter 형조정/노즐 인버터 차단기
=STD+UH0-QA012	Magnetic Switch Heater 히터 마그네트
=STD+UH0-QA016	Magnetic Switch Nozzle pump 노즐펌프 마그네트
=STD+UH0-QA017	Magnetic Switch Mold adjust 형조정 마그네트
=STD+UH0-X001	Main Terminal Block 메인 단자대
=STD+UH0-X002	Heater Terminal Block 히터 단자대
=STD+UH0-XD011	Single Phase Socket 단상콘센트
=STD+UH0-XE001	Power Cabinet Ground 전원부 부스바

Device tag	Function text
=STD+UH0-XE002	Drive Cabinet A Ground 드라이브 A 부스바
=STD+UH0-XE003	Drive Cabinet C Ground 드라이브 C 부스바
=STD+UH0-XE004	Drive Cabinet D Ground 드라이브 D 부스바
=STD+UH0-XJ001	Single Phase Terminal Block XJ001 단상콘센트 단자대 XJ001
=STD+UH1-A021	Safety PLC 안전 PLC
=STD+UH1-A100	BC0083 (POWERLINK controlled node) BC0083 (파워링크 제어 노드)
=STD+UH1-A100-A100	B&R CONTROLER
=STD+UH1-A101	PS9400 (without X2X Link supply) PS9400 (전원공급 모듈)
=STD+UH1-A102	AT6402 (Tempature card) AT6402 (열전대용 카드)
=STD+UH1-A103	AT2402 (Tempature card) AT2402 (열전대용 카드)
=STD+UH1-A104	AI4632 (Analog input card) AI4632 (아날로그 입력 카드)
=STD+UH1-A105	AI4632 (Analog input card) AI4632 (아날로그 입력 카드)
=STD+UH1-A106	DI9371 (Digital input card) DI9371 (디지털 입력 카드)
=STD+UH1-A107	DI9371 (Digital input card) DI9371 (디지털 입력 카드)
=STD+UH1-A108	DI9371 (Digital input card) DI9371 (디지털 입력 카드)

Device tag list

Device tag	Function text
=STD+UH1-A109	DI9371 (Digital input card) DI9371 (디지털 입력 카드)
=STD+UH1-A110	PS2100 (without X2X Link supply) PS2100 (전원공급 모듈)
=STD+UH1-A111	AO2632 (Analog output card) AO2632 (아날로그 출력 카드)
=STD+UH1-A112	DO9322 (Digital output card) DO9322 (디지털 출력 카드)
=STD+UH1-A113	DO9322 (Digital output card) DO9322 (디지털 출력 카드)
=STD+UH1-A114	DO9322 (Digital output card) DO9322 (디지털 출력 카드)
=STD+UH1-A115	DO9332 (Digital output card) DO9332 (디지털 출력 카드)
=STD+UH1-A117	DO8332 (Digital output card) DO8332 (디지털 출력 카드)
=STD+UH1-A118	AI4632 (Analog input card) AI4632 (아날로그 입력 카드)
=STD+UH1-A119	DI9371 (Digital input card) DI9371 (디지털 입력 카드)
=STD+UH1-A120	DO8332 (Digital output card) DO8332 (디지털 출력 카드)
=STD+UH1-FC001	Main Circuit Breaker Operation Power 조작전원 메인차단기
=STD+UH1-FC002	Circuit Breaker Operation Power 조작전원 차단기
=STD+UH1-FC010	Power/Control Cabinet Door Fan Circuit breaker 전원부, 제어부 도어 Fan 차단기
=STD+UH1-FC030	Drive Cabinet Door Fan Circuit breaker 드라이브박스 도어 팬 차단기

Device tag	Function text
=STD+UH1-FC060	Ext. Nozzle Circuit Breaker 장노즐 차단기
=STD+UH1-FC061	Nozzle Circuit Breaker 노즐 차단기
=STD+UH1-FC062	Heater 1 Circuit Breaker 히터1 차단기
=STD+UH1-FC063	Heater 2 Circuit Breaker 히터2 차단기
=STD+UH1-FC064	Heater 3 Circuit Breaker 히터3 차단기
=STD+UH1-FC065	Heater 4 Circuit Breaker 히터4 차단기
=STD+UH1-FC201	Main Power Supply Circuit breaker 메인 파워서플라이 차단기
=STD+UH1-FC203	Motor Cooling Fan Power Supply Circuit breaker 모터 냉각팬 파워서플라이 차단기
=STD+UH1-FC204	Monitor Power Supply Circuit breaker 모니터 파워서플라이 차단기
=STD+UH1-G11	Control Box Ground Terminal Block G11 제어부 접지 단자대 G11
=STD+UH1-G12	Control Box Ground Terminal Block G12 제어부 접지 단자대 G12
=STD+UH1-GQ001	Door Fan 1 Control Cabinet 제어부 도어 팬 1
=STD+UH1-GQ002	Door Fan 2 Control Cabinet 제어부 도어 팬 2
=STD+UH1-GQ003	Door Fan 3 Control Cabinet 제어부 도어 팬 3
=STD+UH1-GQ004	Door Fan 4 Control Cabinet 제어부 도어 팬 4

Device tag list

Device tag	Function text
=STD+UH1-K008	Relay Mold adjust / Nozzle 형조정/노즐 릴레이
=STD+UH1-K028	Relay Inverter ON 인버터 가동 릴레이
=STD+UH1-K041	Relay 1 Motor Cooling Fan 모터 팬 릴레이 1
=STD+UH1-K042	Relay 2 Motor Cooling Fan 모터 팬 릴레이 2
=STD+UH1-K072	Relay Safety PLC Reset 안전PLC 리셋 릴레이
=STD+UH1-K081	Relay Injection Gate 사출게이트 릴레이
=STD+UH1-K091	Relay Heater Power 히터 전원 릴레이
=STD+UH1-K112	Relay Valve Hopper cooling 호퍼 냉각수 차단 밸브 릴레이
=STD+UH1-K134	Relay Lubrication Oil 급유기 릴레이
=STD+UH1-K135	Relay Auto Grease Pump 자동구리스 펌프 릴레이
=STD+UH1-K152	Relay Tie bar Sensor Reset 타이바센서 리셋 릴레이
=STD+UH1-K153	Relay Pressure sensor auto reset 압력센서 자동영점조정 릴레이
=STD+UH1-K301	Safety Relay Safety Dveice 1 안전장치 1 릴레이
=STD+UH1-K302	Safety Relay Safety Dveice 2 안전장치 2 릴레이
=STD+UH1-KF001	Ext. Nozzle SSR Contact 장노즐 SSR

Device tag	Function text
=STD+UH1-KF002	Nozzle SSR Contact 노즐 SSR
=STD+UH1-KF003	Heater 1 SSR Contact 히터1 SSR
=STD+UH1-KF004	Heater 2 SSR Contact 히터2 SSR
=STD+UH1-KF005	Heater 3 SSR Contact 히터3 SSR
=STD+UH1-KF006	HEATER 4 SSR Contact 히터4 SSR
=STD+UH1-N1	Control Box Terminal Block N1 제어부 단자대 N1
=STD+UH1-N4	Control Box Terminal Block N4 제어부 단자대 N4
=STD+UH1-N6	Control Box Terminal Block N6 제어부 단자대 N6
=STD+UH1-P1	Control Box Terminal Block P1 전원부 단자대 P1
=STD+UH1-P4	Control Box Terminal Block P4 제어부 단자대 P4
=STD+UH1-P6	Control Box Terminal Block P6 제어부 단자대 P6
=STD+UH1-RF007	Noise Filter 노이즈필터
=STD+UH1-RN1	Control Box Terminal Block RN1 제어부 단자대 RN1
=STD+UH1-RN2	Control Box Terminal Block RN2 제어부 단자대 RN2
=STD+UH1-SP	Control Box Spare 제어부 예비

Device tag list

Device tag	Function text
=STD+UH1-T01	Control Box Terminal Block T01 제어부 단자대 T01
=STD+UH1-T001	Power Supply Main 메인 파워서플라이
=STD+UH1-T02	Control Box Terminal Block T02 제어부 단자대 T02
=STD+UH1-T03	Control Box Terminal Block T03 제어부 단자대 T03
=STD+UH1-T04	Control Box Terminal Block T04 제어부 단자대 T04
=STD+UH1-T004	Power Supply Monitor 모니터 파워서플라이
=STD+UH1-T006	Power Supply Motor Cooling Fan 모터 냉각팬 파워서플라이
=STD+UH1-T102	Operation Transformer 조작전원 트랜스
=STD+UH1-TN1	Control Box Terminal Block TN1 제어부 단자대 TN1
=STD+UH1-TN2	Control Box Terminal Block TN2 제어부 단자대 TN2
=STD+UH1-X17	Control Box Terminal block XJ17 제어부 단자대 XJ17
=STD+UH1-XD021	AC 사출게이트 AC Injection Gate
=STD+UH1-XD022	Injection Gate 24VDC 사출 게이트 24VDC
=STD+UH1-XD101	Control Box To Rear Side Flug 2 제어부 -> 뒷조작 다극 2
=STD+UH1-XD102	Control Box To Front Side Flug 2 제어부 -> 앞조작 다극 2

Device tag	Function text
=STD+UH1-XD103	Control Box To Front Side Flug 3 제어부 -> 앞조작 다극 3
=STD+UH1-XD104	Control Box To Rear Side Flug 1 제어부 -> 뒷조작 다극 1
=STD+UH1-XD105	Control Box To Rear Side Flug 2 제어부 -> 뒷조작 다극 2
=STD+UH1-XJ11	Control Box Terminal block XJ11 제어부 단자대 XJ11
=STD+UH1-XJ12	Control Box Terminal block XJ12 제어부 단자대 XJ12
=STD+UH1-XJ14	Control Box Terminal block XJ14 제어부 단자대 XJ14
=STD+UH1-XJ15	Control Box Terminal block XJ15 제어부 단자대 XJ15
=STD+UH1-XJ16	Control Box Terminal block XJ16 제어부 단자대 XJ16
=STD+UH1-XJ17	Control Box Terminal block XJ17 제어부 단자대 XJ17
=STD+UH2-AB001	Servo Drive Injection 1 사출 1 드라이브
=STD+UH2-AB002	Servo Drive Charge 계량 드라이브
=STD+UH2-AB003	Servo Drive Mold 1 형체 1 드라이브
=STD+UH2-AB004	Servo Drive Ejector 에젝터 드라이브
=STD+UH2-AB005	Servo Drive Injection 2 사출 2 드라이브
=STD+UH2-AB006	Servo Drive Mold 2 형체 2 드라이브

Device tag list

Device tag	Function text
=STD+UH2-GQ021	Door Fan 1 Drive Cabinet A 드라이브박스 A 도어 팬 1
=STD+UH2-GQ022	Door Fan 2 Drive Cabinet A 드라이브박스 A 도어 팬 2
=STD+UH2-GQ023	Door Fan 1 Drive Cabinet B 드라이브박스 B 도어 팬 1
=STD+UH2-GQ024	Door Fan 1 Drive Cabinet C 드라이브박스 C 도어 팬 1
=STD+UH2-GQ025	Door Fan 2 Drive Cabinet C 드라이브박스 C 도어 팬 2
=STD+UH2-GQ026	Door Fan 3 Drive Cabinet C 드라이브박스 C 도어 팬 3
=STD+UH2-GQ027	Door Fan 4 Drive Cabinet C 드라이브박스 C 도어 팬 4
=STD+UH2-GQ028	Door Fan 5 Drive Cabinet C 드라이브박스 C 도어 팬 5
=STD+UH2-GQ029	Door Fan 6 Drive Cabinet C 드라이브박스 C 도어 팬 6
=STD+UH2-GQ030	Door Fan 7 Drive Cabinet C 드라이브박스 C 도어 팬 7
=STD+UH2-GQ031	Door Fan 8 Drive Cabinet C 드라이브박스 C 도어 팬 8
=STD+UH2-GQ032	Door Fan 9 Drive Cabinet C 드라이브박스 C 도어 팬 9
=STD+UH2-GQ033	Door Fan 1 Drive Cabinet D 드라이브박스 D 도어 팬 1
=STD+UH2-GQ034	Door Fan 2 Drive Cabinet D 드라이브박스 D 도어 팬 2
=STD+UH2-GQ035	Door Fan 3 Drive Cabinet D 드라이브박스 D 도어 팬 3

Device tag	Function text
=STD+UH2-GQ036	Door Fan 4 Drive Cabinet D 드라이브박스 D 도어 팬 4
=STD+UH2-GQ037	Door Fan 5 Drive Cabinet D 드라이브박스 D 도어 팬 5
=STD+UH2-GQ038	Door Fan 6 Drive Cabinet D 드라이브박스 D 도어 팬 6
=STD+UH2-GQ039	Door Fan 7 Drive Cabinet D 드라이브박스 D 도어 팬 7
=STD+UH2-GQ040	Door Fan 8 Drive Cabinet D 드라이브박스 D 도어 팬 8
=STD+UH2-GQ041	Door Fan 9 Drive Cabinet D 드라이브박스 D 도어 팬 9
=STD+UH2-R001	Braking Resistor 1 회생저항 1
=STD+UH2-R002	Braking Resistor 2 회생저항 2
=STD+UH2-RA001	Reactor Injection Motor 1 사출모터 1 리액터
=STD+UH2-RA002	Reactor Charge Motor 계량모터 리액터
=STD+UH2-RA003	Reactor Injection Motor 2 사출모터 2 리액터
=STD+UH2-RF001	Noise Filter Injection Motor 1 사출모터 1 노이즈 필터
=STD+UH2-RF002	Noise Filter Charge Motor 계량모터 노이즈 필터
=STD+UH2-RF003	Noise Filter Mold Motor 1 형체모터 1 노이즈 필터
=STD+UH2-RF004	Noise Filter Ejector Motor 에젝터 모터 노이즈 필터

Device tag list

Device tag	Function text
=STD+UH2-RF005	Noise Filter Injection Motor 2 사출모터 2 노이즈 필터
=STD+UH3-G31	Rear Side Ground Terminal Block G31 반조작측 접지 단자대 G31
=STD+UH3-GT011	Grease level Low 그리스 레벨스위치
=STD+UH3-N1	Rear Side Terminal Block N1 반조작측 단자대 N1
=STD+UH3-N4	Rear Side Terminal Block N4 반조작측 단자대 N4
=STD+UH3-P1	Rear Side Terminal Block P1 반조작측 단자대 P1
=STD+UH3-P4	Rear Side Terminal Block P4 반조작측 단자대 P4
=STD+UH3-QM101	Vavle Air Ejector 1 에어에젝터 1 밸브
=STD+UH3-QM157	Vavle Hopper cooling 호퍼냉각수 차단 밸브
=STD+UH3-RN1	Rear Side Terminal Block RN1 반조작측 단자대 RN1
=STD+UH3-SF002	Emergency Switch Rear Side 반조작측 비상정지 스위치
=STD+UH3-SF021	Rear Side Safety door A 반조작측 안전문 A
=STD+UH3-SF022	Rear Side Safety door B 반조작측 안전문 B
=STD+UH3-SP	Rear Side Spare 반조작측 예비
=STD+UH3-T01	Rear Side Terminal Block T01 반조작측 단자대 T01

Device tag	Function text
=STD+UH3-T02	Rear Side Terminal Block T02 반조작측 단자대 T02
=STD+UH3-T03	Rear Side Terminal Block T03 반조작측 단자대 T03
=STD+UH3-T04	Rear Side Terminal Block T04 반조작측 단자대 T04
=STD+UH3-TN1	Rear Side Terminal Block TN1 반조작측 단자대 TN1
=STD+UH3-XD021	Injection Gate 220VAC 사출 게이트 220VAC
=STD+UH3-XD022	Injection Gate 24VDC 사출 게이트 24VDC
=STD+UH3-XJ31	Rear Side Terminal Block XJ31 반조작측 단자대 XJ31
=STD+UH4-BG028	Nozzle backward end 노즐 후진완료
=STD+UH4-BG050	Grease Pressure 구리스 압력
=STD+UH4-BT001	Temp Sensor Ext. Nozzle 장노즐 온도센서
=STD+UH4-BT002	Temp Sensor Nozzle 노즐 온도센서
=STD+UH4-BT003	Temp Sensor Heater zone 1 히터1 온도센서
=STD+UH4-BT004	Temp Sensor Heater zone 2 히터2 온도센서
=STD+UH4-BT005	Temp Sensor Heater zone 3 히터3 온도센서
=STD+UH4-BT006	Temp Sensor Heater zone 4 히터4 온도센서

Device tag list

Device tag	Function text
=STD+UH4-BT008	Temp Sensor Hopper 호퍼입구 온도센서
=STD+UH4-BW001	Sensor Load Cell 로드셀 센서
=STD+UH4-EB001	Ext. Nozzle Heater 장노즐 히터
=STD+UH4-EB002	Nozzle Heater 노즐 히터
=STD+UH4-EB03	Nozzle Heater 노즐 히터
=STD+UH4-EB011	Heater1 히터1
=STD+UH4-EB012	Heater1 히터 1
=STD+UH4-EB013	Heater 1 히터1
=STD+UH4-EB021	Heater2 히터2
=STD+UH4-EB022	Heater2 히터 2
=STD+UH4-EB023	Heater 2 히터2
=STD+UH4-EB031	Heater3 히터3
=STD+UH4-EB032	Heater3 히터 3
=STD+UH4-EB033	Heater 3 히터3
=STD+UH4-EB041	Heater4 히터4

Device tag	Function text
=STD+UH4-EB042	Heater4 히터 4
=STD+UH4-EB043	Heater 4 히터4
=STD+UH4-G	Heater Box Ground 히터박스 접지
=STD+UH4-GQ041	Fan InJection 1 사출 1 팬
=STD+UH4-GQ042	Fan Charge 계량 팬
=STD+UH4-GQ044	Fan InJection 2 사출 2 팬
=STD+UH4-MA001	Servo Motor Injection 1 사출 1 서보 모터
=STD+UH4-MA002	Servo Motor Charge 계량 서보 모터
=STD+UH4-MA005	Servo Motor Injection 2 사출 2 서보 모터
=STD+UH4-SP	Heater Box Spare 히터박스 예비
=STD+UH4-XJ41	Heater Box Terminal Block XJ41 히터박스 단자대 XJ41
=STD+UH4-XJ42	Heater Box Terminal Block XJ42 히터박스 단자대 XJ42
=STD+UH5-MA004	Servo Motor Ejector 에젝터 서보 모터
=STD+UH5-N1	Ejector Box N1 에젝터박스 N1
=STD+UH5-P1	Rear Side Terminal Block P1 반조작측 단자대 P1

Device tag list

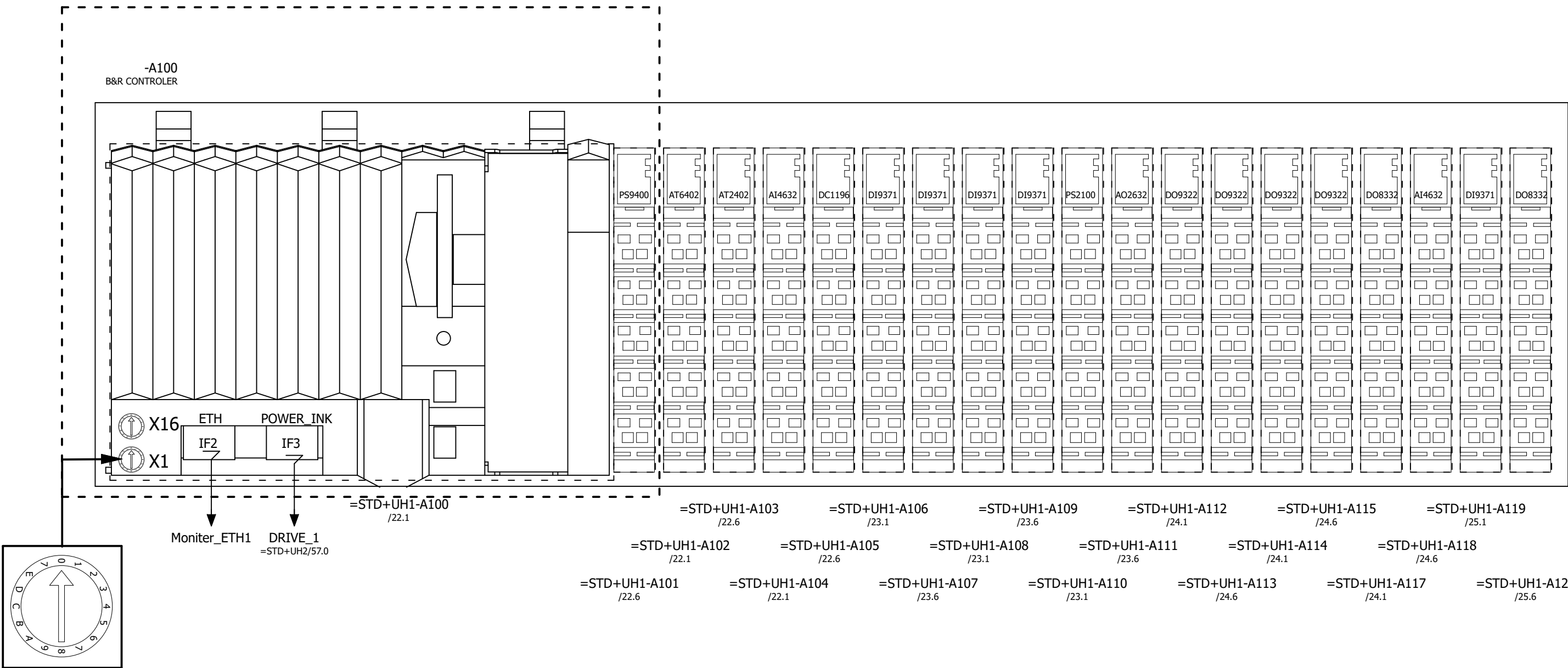
Device tag	Function text
=STD+UH5-QM102	Vavle Air Ejector 2 에어에젝터 2 밸브
=STD+UH5-SP	Ejector Box Spare 에젝터박스 예비
=STD+UH5-XJ51	Ejector Box Terminal Block XJ51 에젝터박스 단자대 XJ51
=STD+UH6-G61	Front Side Ground Terminal Block G61 조작측 접지 단자대 G61
=STD+UH6-GT011	AMP Filter Sensor Mold Force Measuring 형체력 측정센서 앰프
=STD+UH6-N1	Front Side Terminal Block N1 조작측 단자대 N1
=STD+UH6-N4	Front Side Terminal Block N4 조작측 단자대 N4
=STD+UH6-N6	Front Side Terminal Block N6 조작측 단자대 N6
=STD+UH6-P1	Front Side Terminal Block P1 조작측 단자대 P1
=STD+UH6-P4	Fornt Side Terminal Block P4 조작측 단자대 P4
=STD+UH6-P6	Fornt Side Terminal Block P6 조작측 단자대 P6
=STD+UH6-PJ001	Buzzer 부저
=STD+UH6-RN1	Front Side Terminal Block RN1 조작측 단자대 RN1
=STD+UH6-SF001	Emergency Switch Front Side 조작측 비상정지 스위치
=STD+UH6-SF011	Front side Safety door A 조작측 안전문 A

Device tag	Function text
=STD+UH6-SF013	Front side Safety door B 조작측 안전문 B
=STD+UH6-SF041	Limit Switch Purge Cover 퍼지커버 리미트스위치
=STD+UH6-SP	Front Side Spare 조작측 예비
=STD+UH6-T01	Front Side Terminal Block T01 조작측 단자대 T01
=STD+UH6-T02	Front Side Terminal Block T02 조작측 단자대 T02
=STD+UH6-T03	Front Side Terminal Block T03 조작측 단자대 T03
=STD+UH6-T04	Front Side Terminal Block T04 조작측 단자대 T04
=STD+UH6-TN1	Front Side Terminal Block TN1 조작측 단자대 TN1
=STD+UH6-XJ61	Front Side Terminal Block XJ61 조작측 단자대 XJ61
=STD+UH7-BR001	Mold Thickness Position Detect 금형 두께 위치 검지
=STD+UH7-GQ043	Fan Mold 1 형체 1 팬
=STD+UH7-GQ045	Fan Mold 2 형체 2 팬
=STD+UH7-MA003	Servo Motor Mold 1 형체 1 서보 모터
=STD+UH7-MA006	Servo Motor Mold 2 형체 2 서보 모터
=STD+UH7-MA008	Motor Mold height 형조정 모터

Device tag	Function text
=STD+UH7-MB001	Mold height Motor brake 형 조정 모터 브레이크
=STD+UH7-PF001	LED Signal tower LED 경광등
=STD+UH7-RF021	AMP Filter Sensor Mold Force Measuring 형체력 측정센서 앰프
=STD+UH10-A001	Monitor Box Ground 모니터 박스 접지
=STD+UH10-GQ051	Monitor Box Fan 모니터 박스 Fan
=STD+UH10-XD080	Monitor Power 모니터전원
=STD+UH11-BG003	Mold adjust forward end 형조정 전진 완료
=STD+UH11-BG004	Mold adjust backforward end 형조정 후진 완료
=STD+UH11-MB001	Mold height Motor brake 형 조정 모터 브레이크
=STD+UH12-BP002	Pressure Sensor Nozzle 노즐 압력센서
=STD+UH12-MA011	Nozzle Pump 노즐펌프
=STD+UH12-QM154	Valve Nozzle Forward 노즐 전진밸브
=STD+UH12-QM157	Vavle Hopper cooling 호퍼냉각수 차단 밸브
=STD+UH16-Q031	Auxiliary Unit 1 외부콘센트1 차단기
=STD+UH16-Q032	Auxiliary Unit 2 외부콘센트2 차단기

[illegible]

- * IMC400 : BC0083, PS9400 사용
- * IMC501 : CP1686X 사용, PS9400 미사용

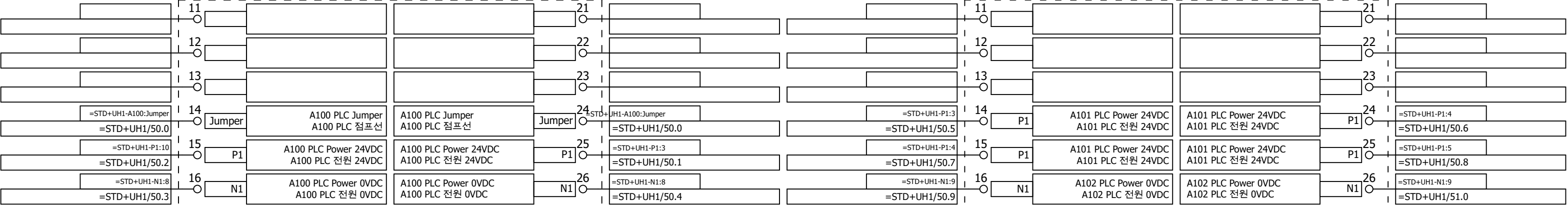


	-A100	-A101	-A102	-A103	-A104	-A105	-A106	-A107	-A108	-A109	-A110	-A111	-A112	-A113	-A114	-A115	-A117	-A118	-A119	-A119
A	TB12	TB12	TB12	TB12	TB12	TB12	TB12	TB12	TB12	TB12	TB12	TB12	TB12	TB12	TB12	TB12	TB12	TB12	TB12	TB12
B	X20 CP1686X	X20 PS9400	X20 AT6402	X20 AT2402	X20 AI4632	X20 DC1196	X20 DI9371	X20 DI9371	X20 DI9371	X20 DI9371	X20 PS2100	X20 AO2632	X20 DO9322	X20 DO9322	X20 DO9322	X20 DO9322	X20 DO8332	X20 AI4632	X20 DI9371	X20 DO8332
C	X20 BM01	X20 BM01	X20 BM11	X20 BM11	X20 BM11	X20 BM11	X20 BM11	X20 BM11	X20 BM11	X20 BM11	X20 BM11	X20 BM11	X20 BM11	X20 BM11	X20 BM11	X20 BM11	X20 BM11	X20 BM11	X20 BM11	X20 BM11

* IMC400 : BC0083, PS9400 사용
* IMC501 : CP1686X 사용, PS9400 미사용

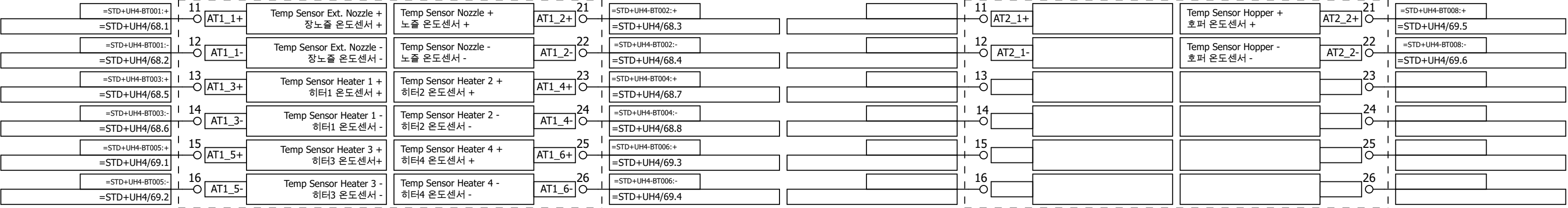
=STD+UH1-A100
/21.0
X20CP1686X

=STD+UH1-A101
/21.3
X20PS9400



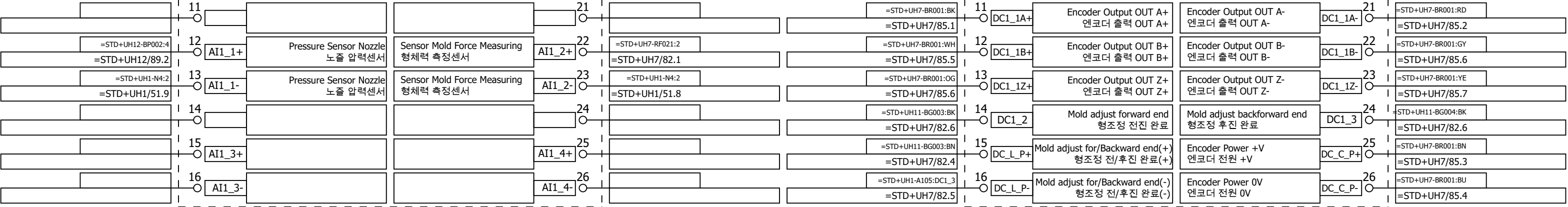
=STD+UH1-A102
/21.3
X20AT6402

=STD+UH1-A103
/21.4
X20AT2402

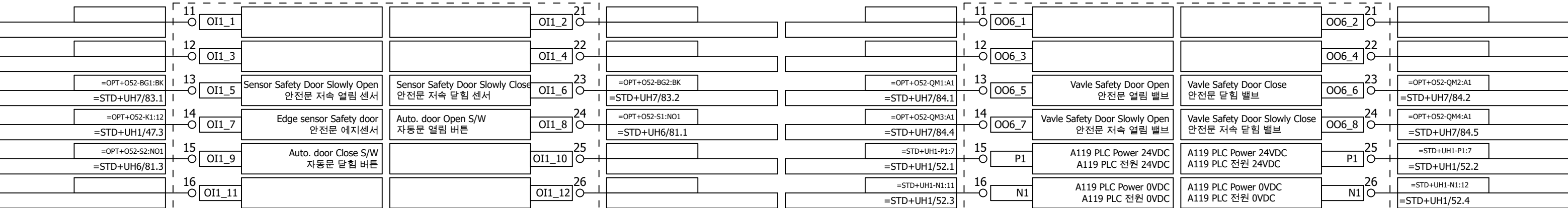
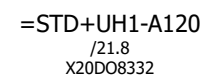
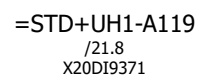


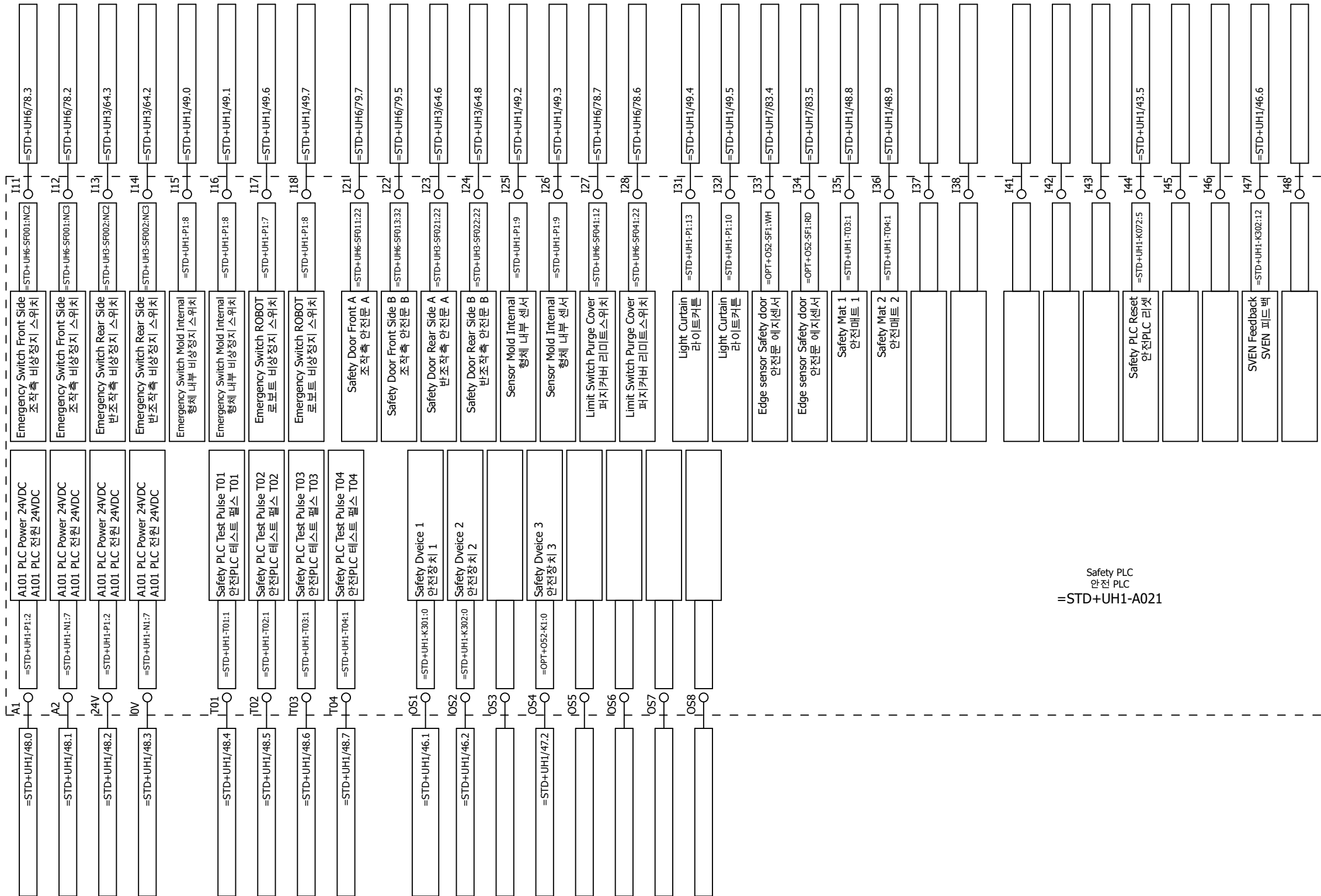
=STD+UH1-A104
/21.4
X20AI4632

=STD+UH1-A105
/21.4
X20DC1196



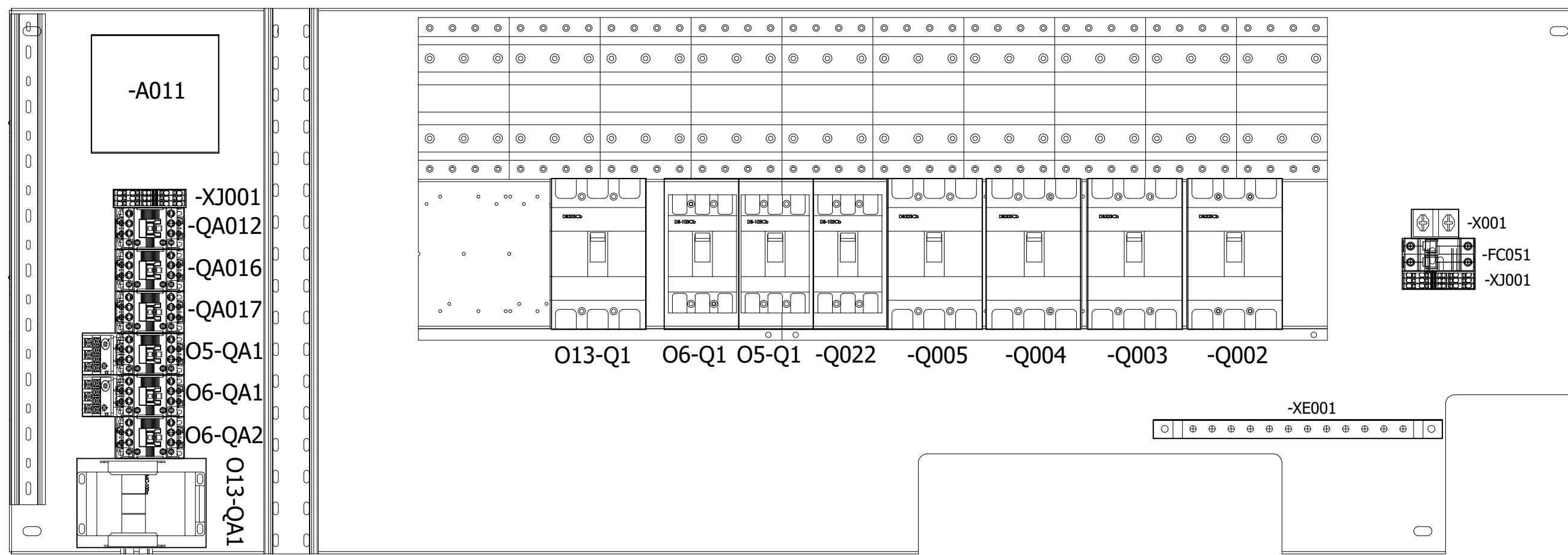
본 도면은 (주)우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다. 본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.	This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.		+UH1_PLC CARD OVERVIEW		= TITLE
			TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)	REV.NO. 2.00	Page 23 Page 91





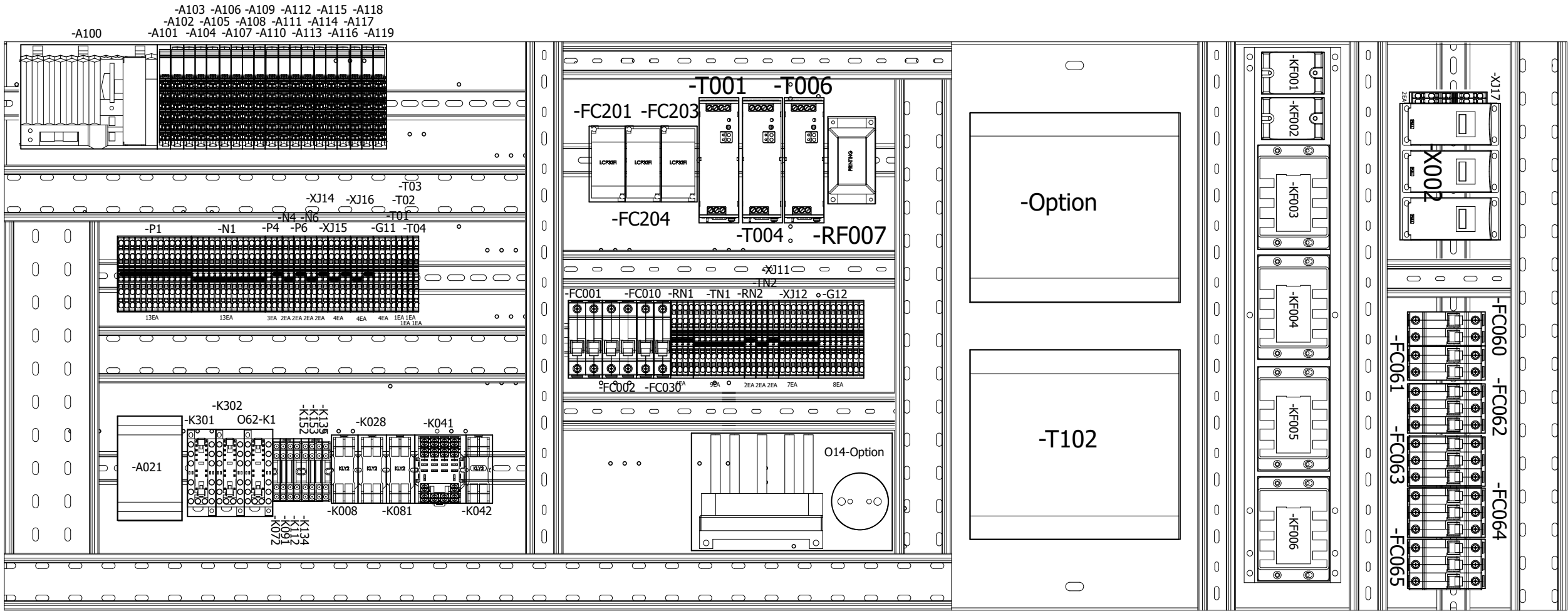
Power Cabinet (+UH0) 전원부

*May differ form actual placement

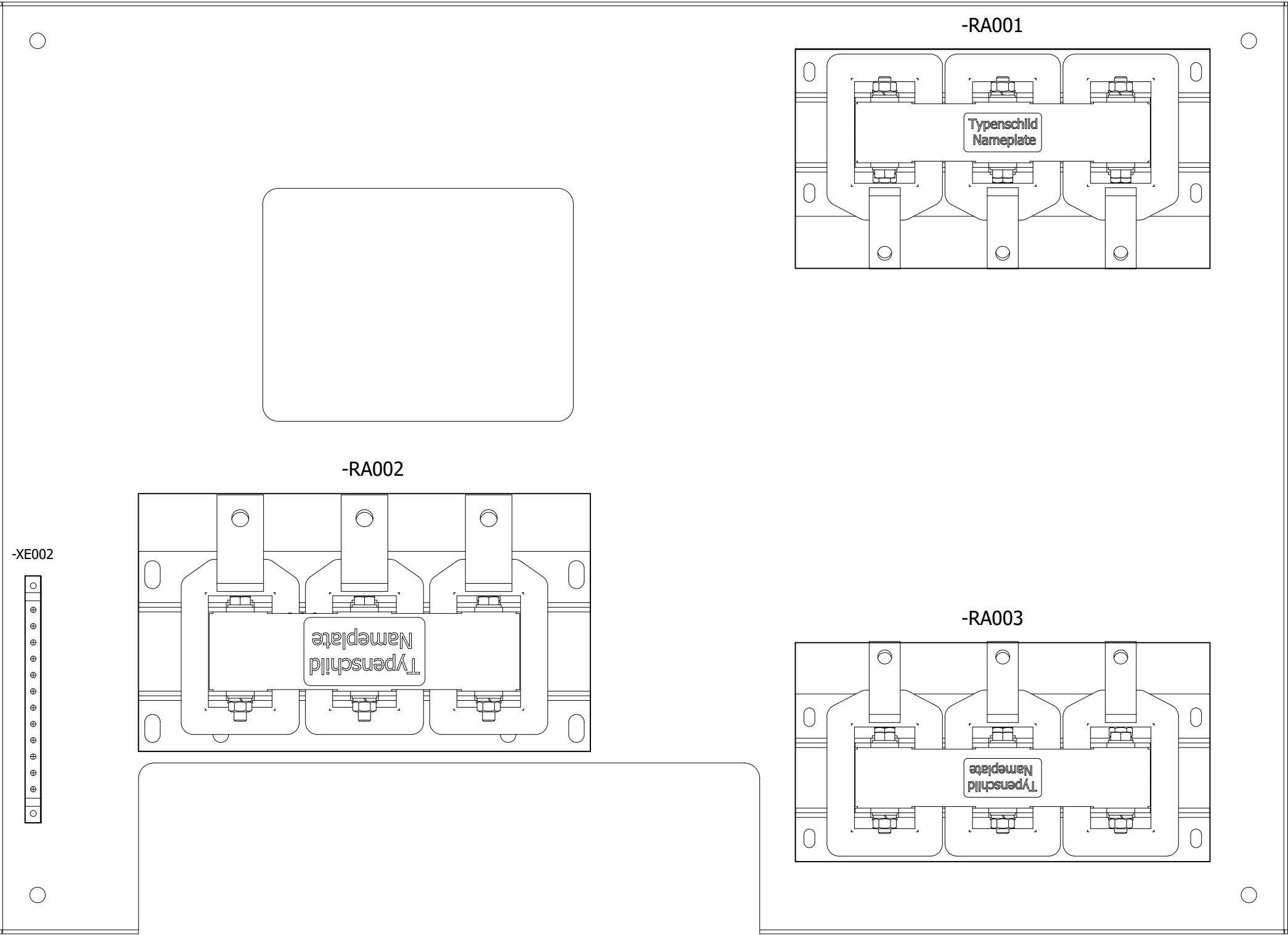


Control Cabinet (+UH1) 제어부

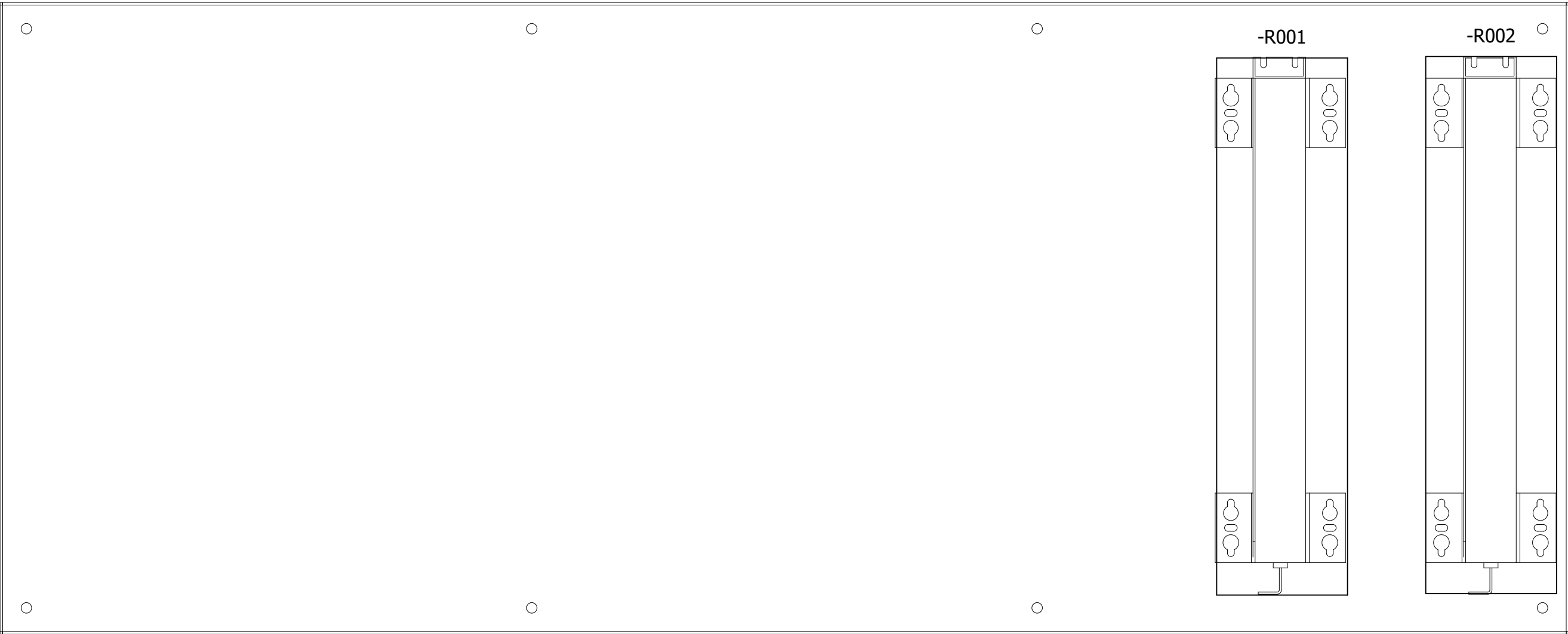
*May differ form actual placement



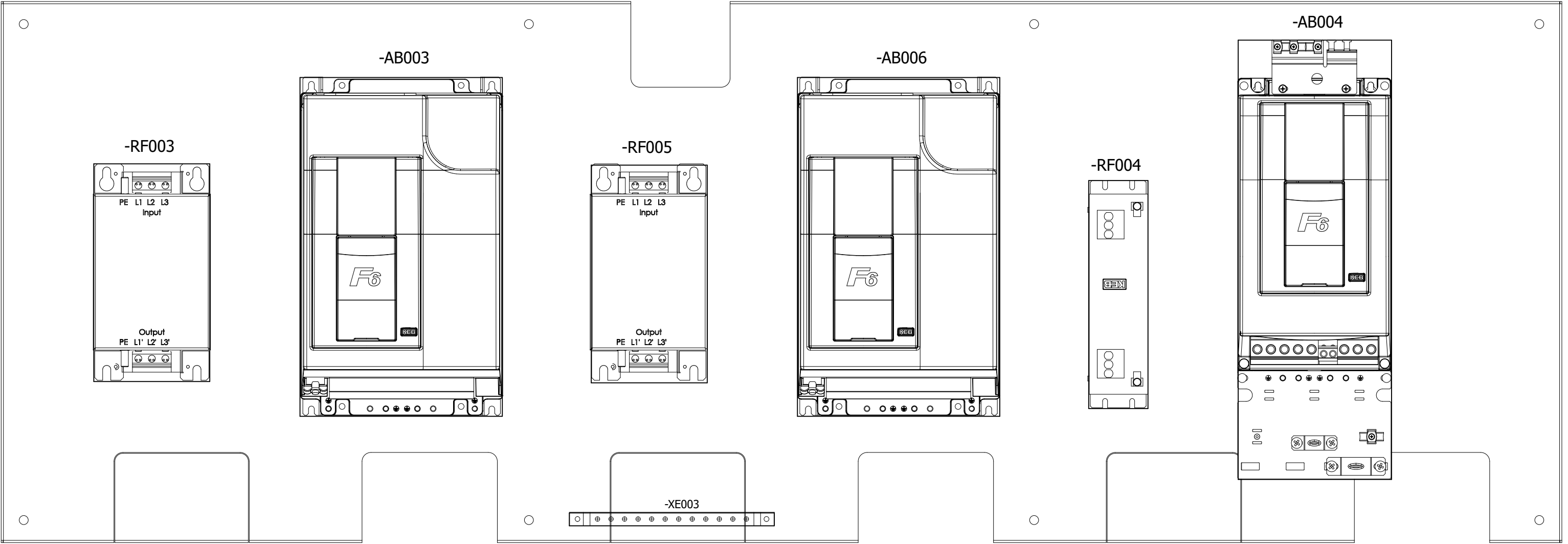
Servo Drive Cabinet A (+UH2)



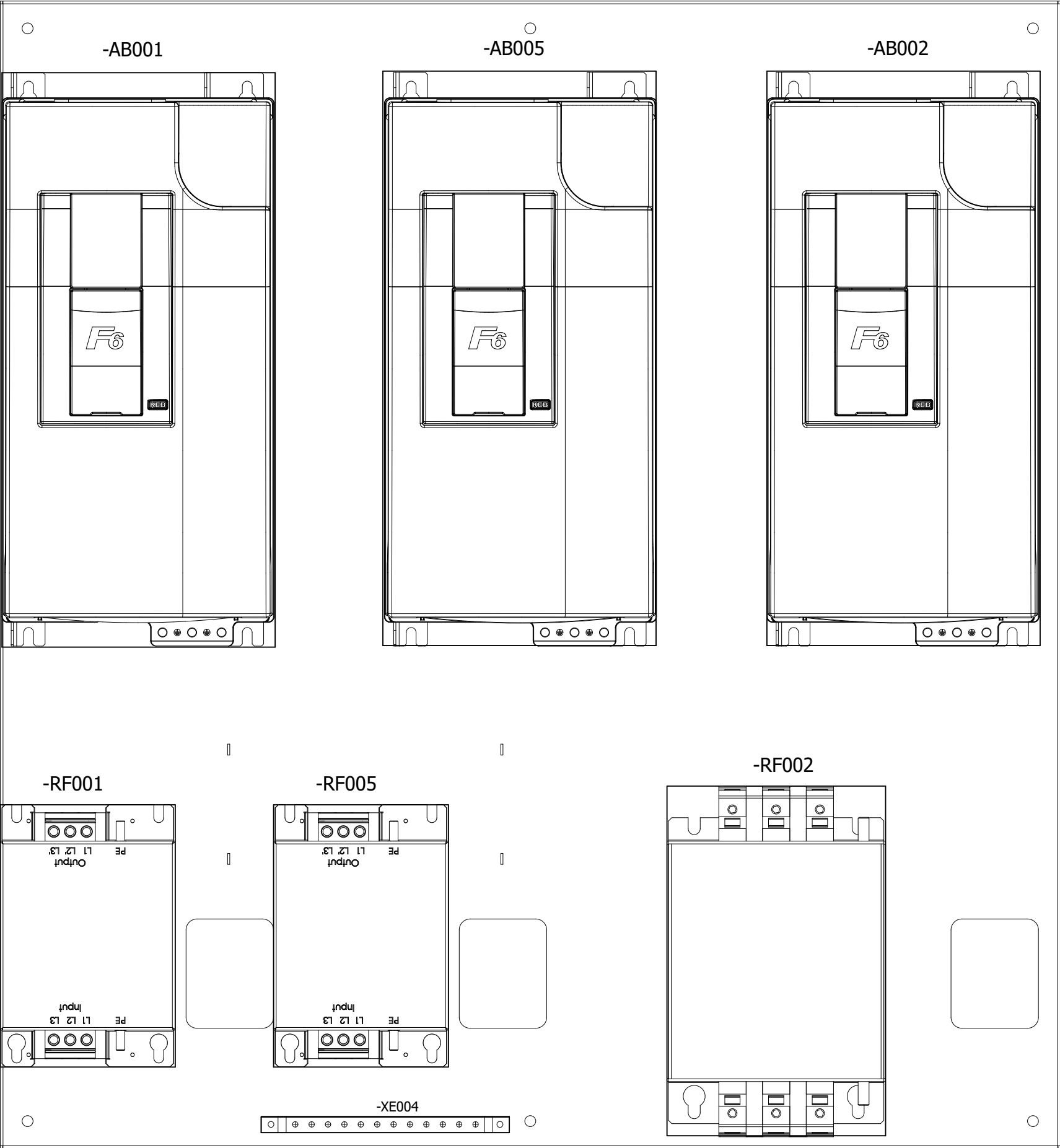
Servo Drive Cabinet B (+UH2)



Servo Drive Cabinet C (+UH2)



Servo Drive Cabinet D (+UH2)



본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다. 본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.



+UH2_Drive Cabinet PANEL D

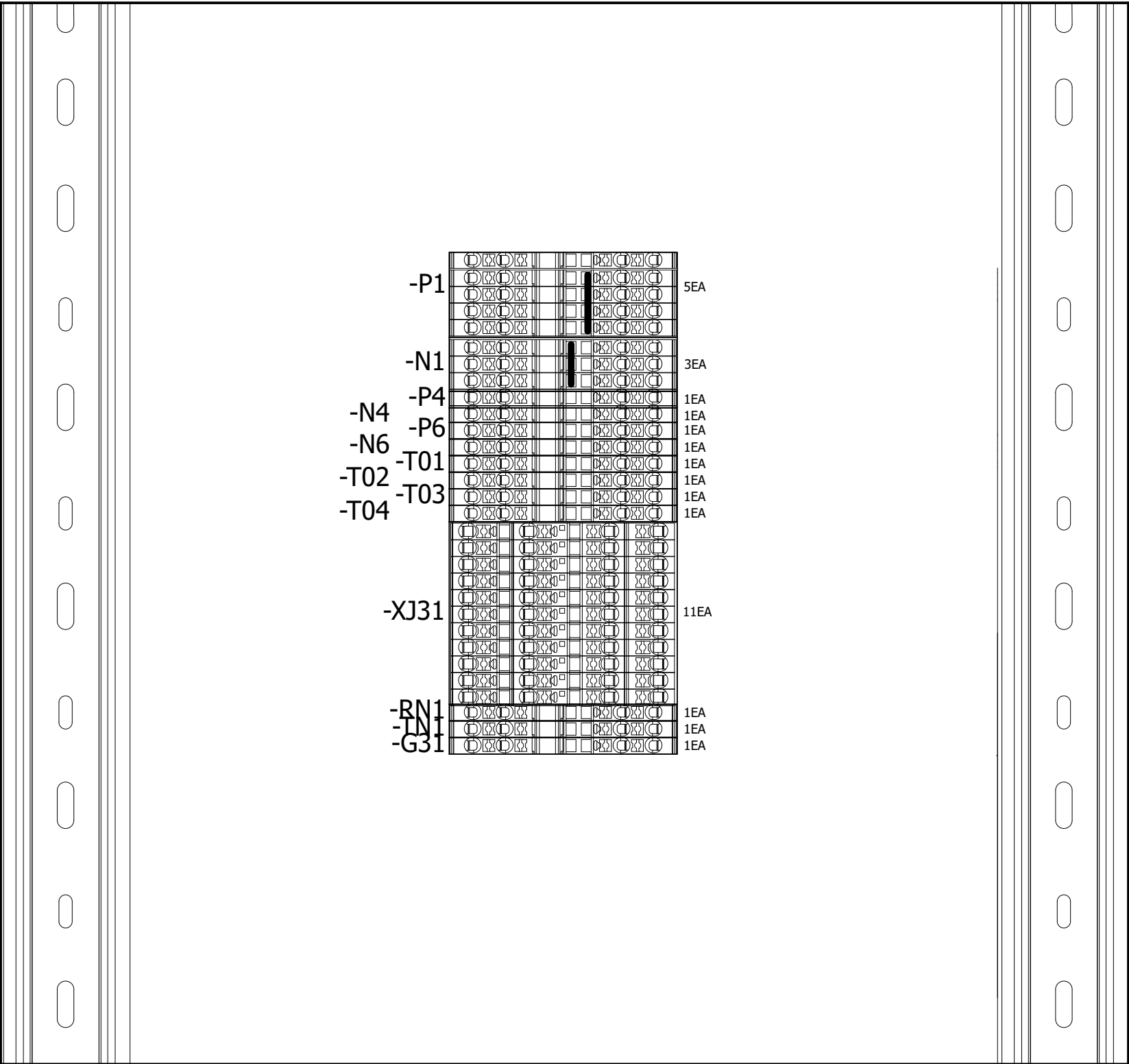
TEA5 ELECTRIC CIRCUIT DIAGRAM
(TE450A5 ~ TE850A5)

REV.NO.
2.00

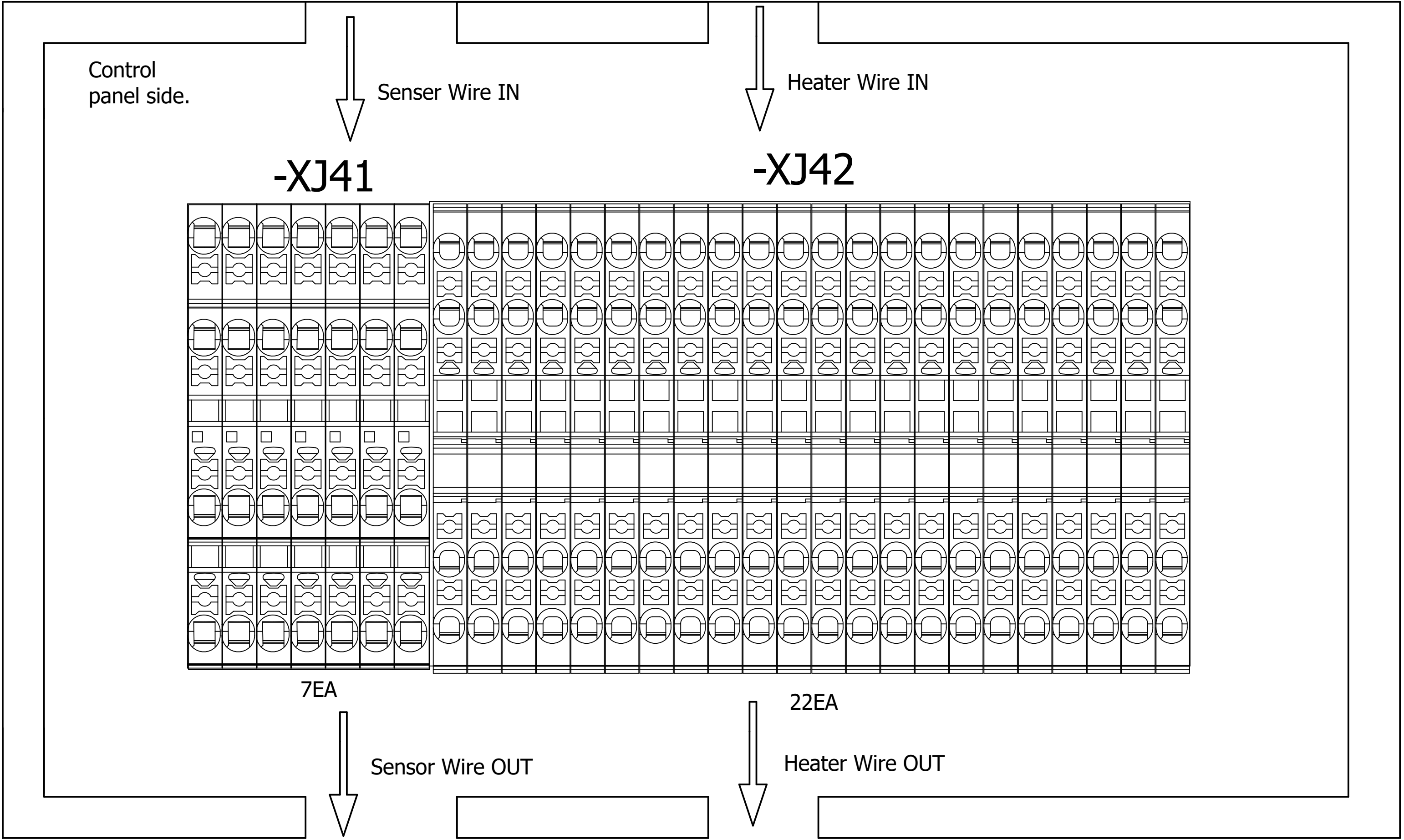
= CAB	
+ UH2	
Page	32
Page	91

Rear Side Cabinet (+UH3) 반조작박스

*May differ form actual placement

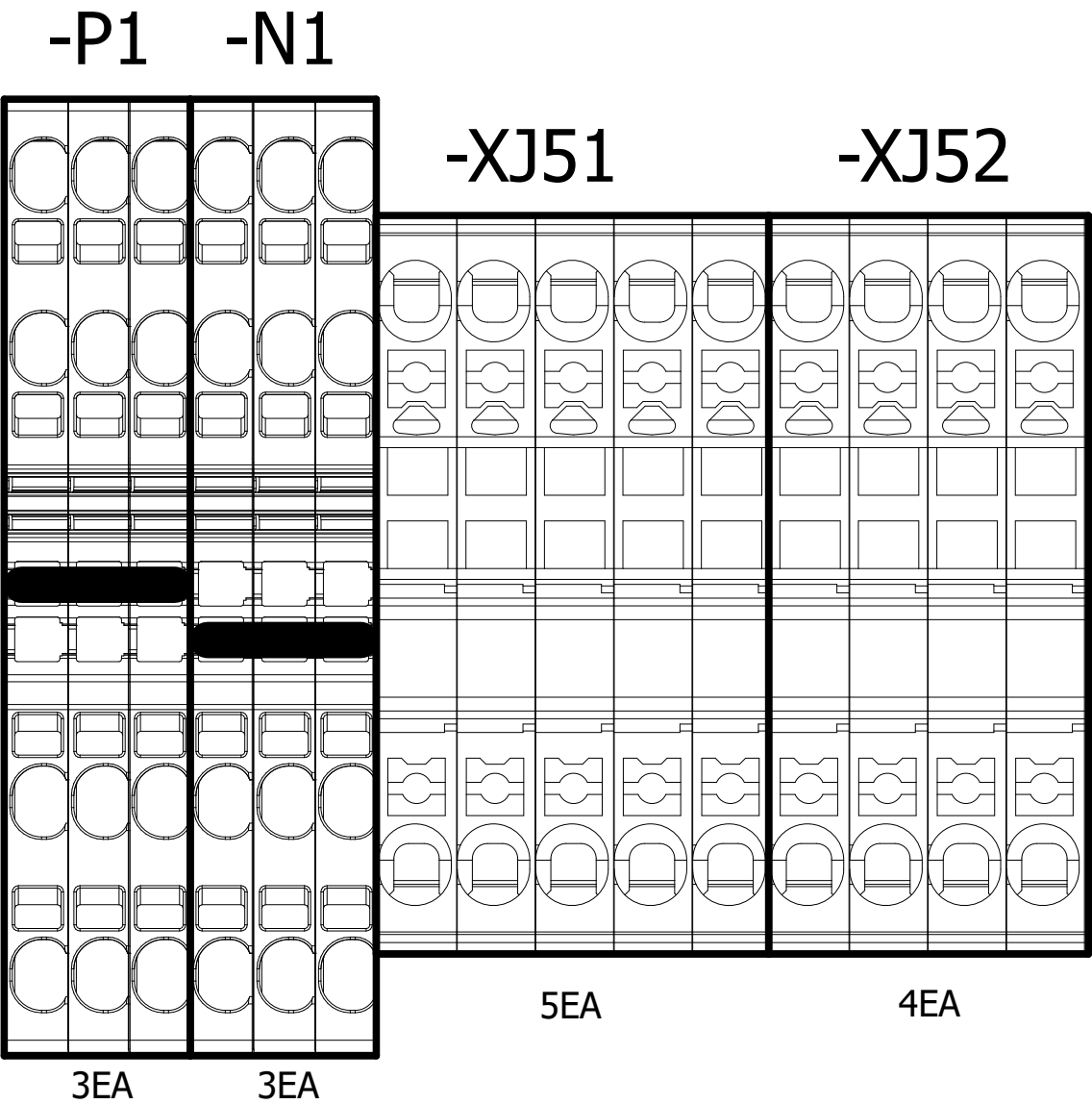


Heater BOX (+UH4) 히터박스



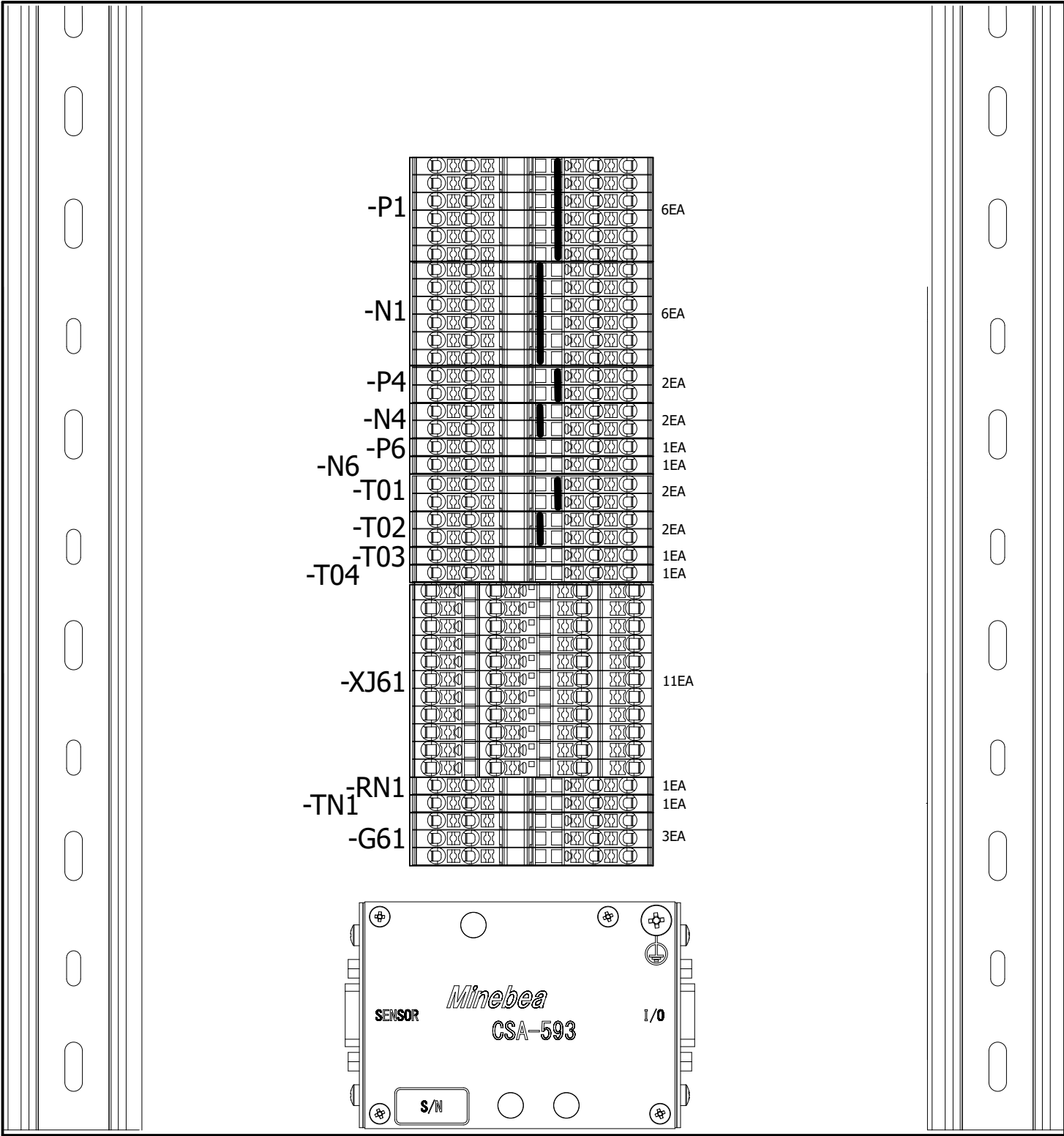
Ejector Cabinet (+UH5) 에젝터박스

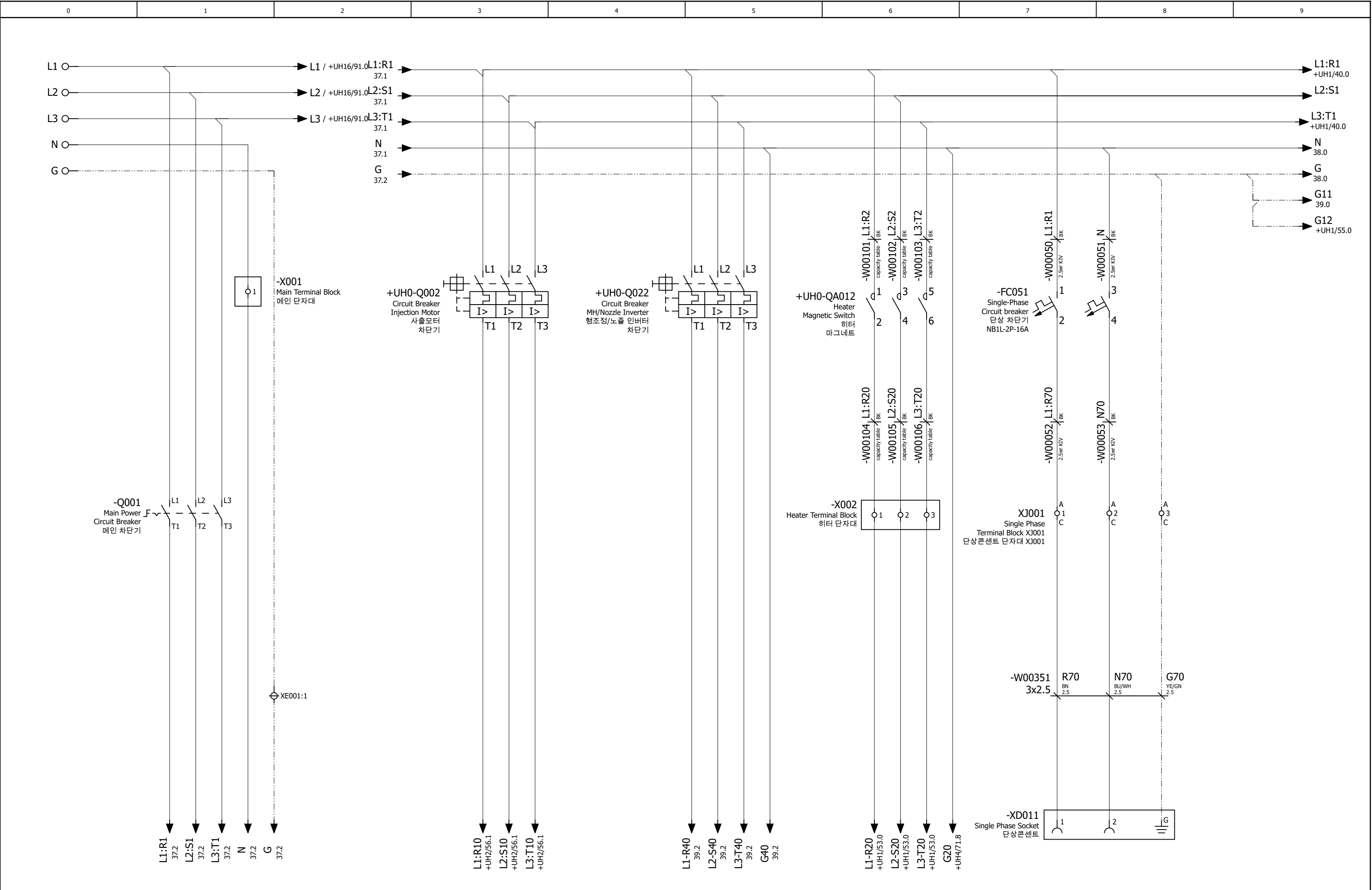
*May differ form actual placement

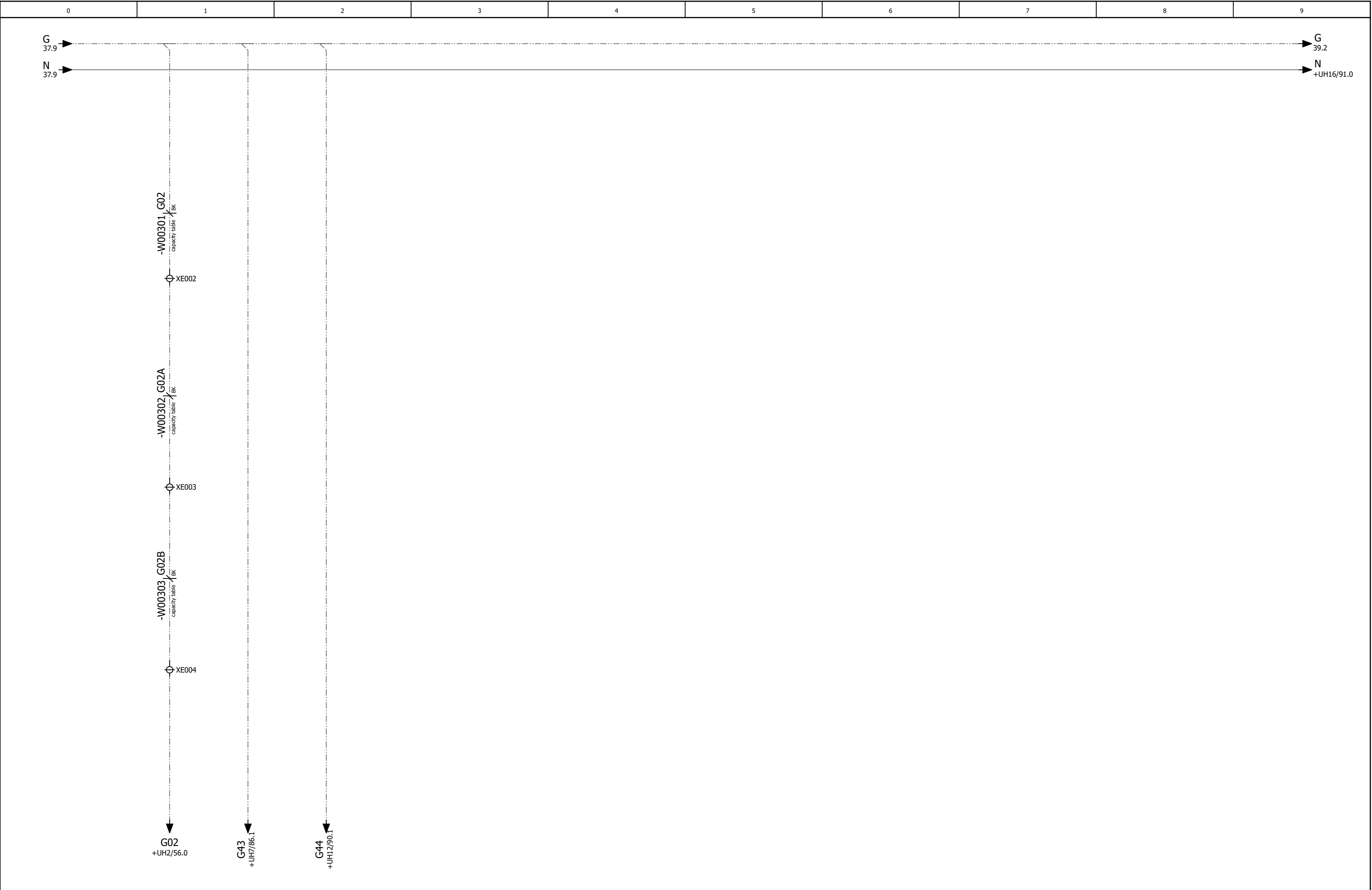


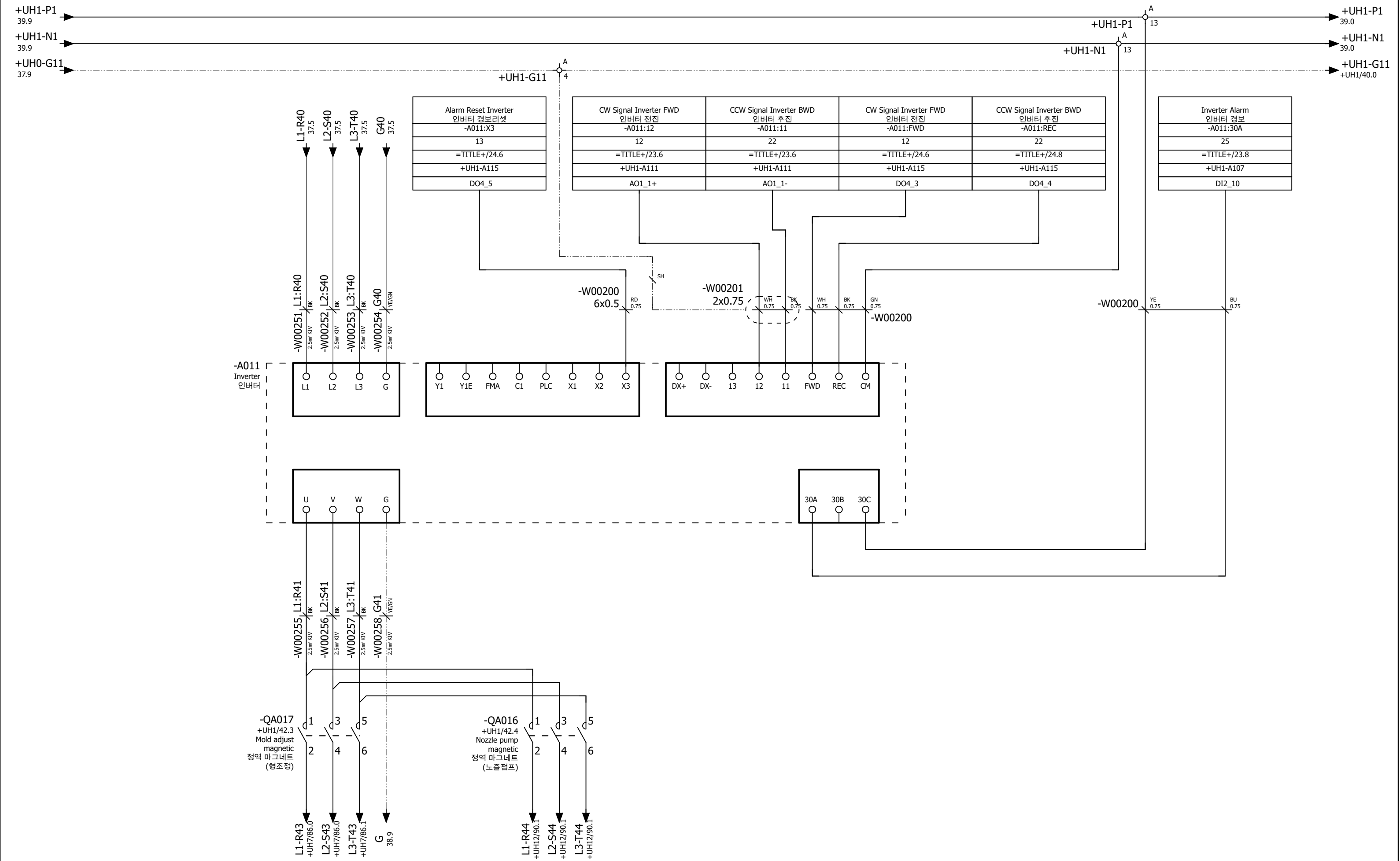
Front Side Cabinet (+UH6) 조작박스

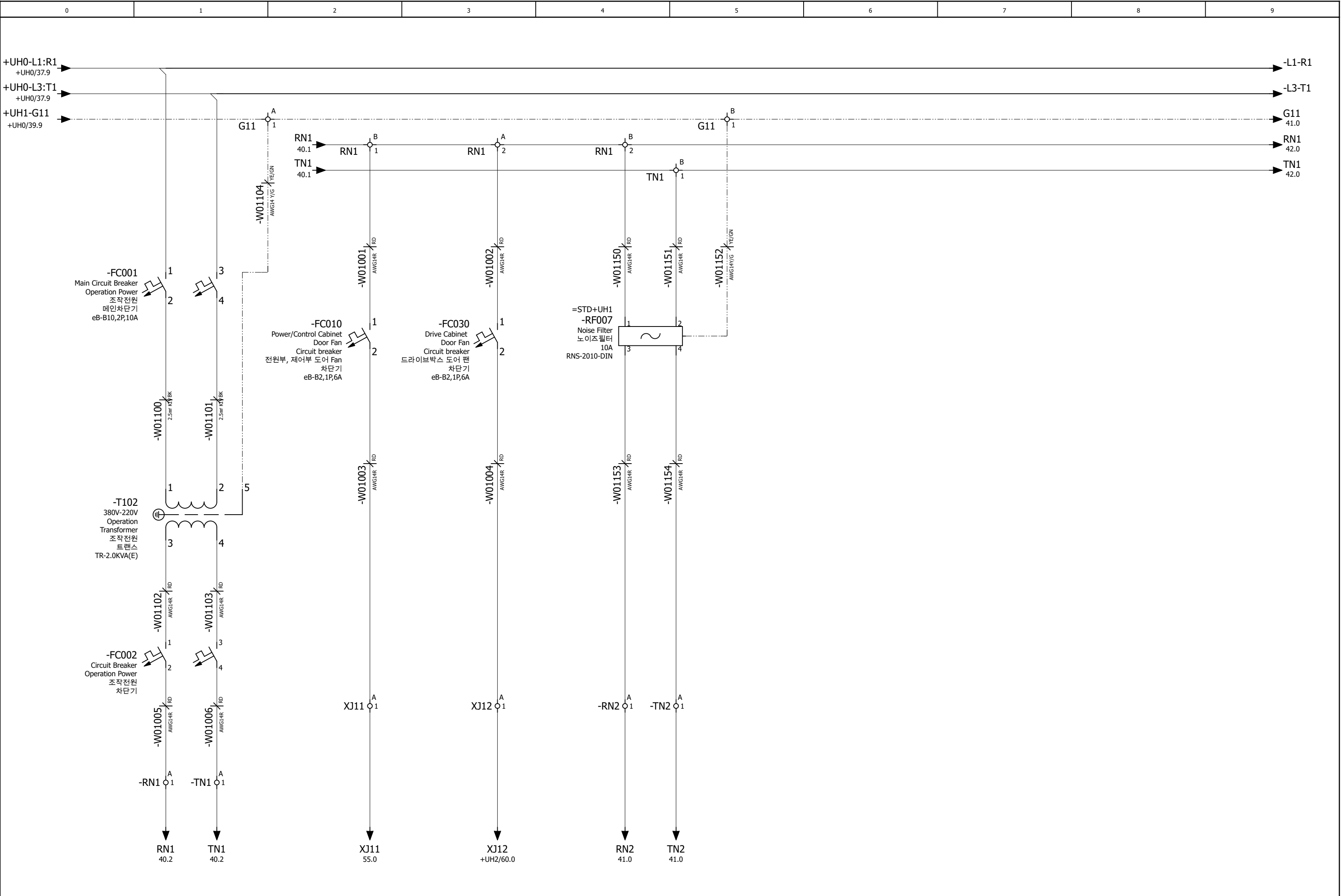
*May differ form actual placement

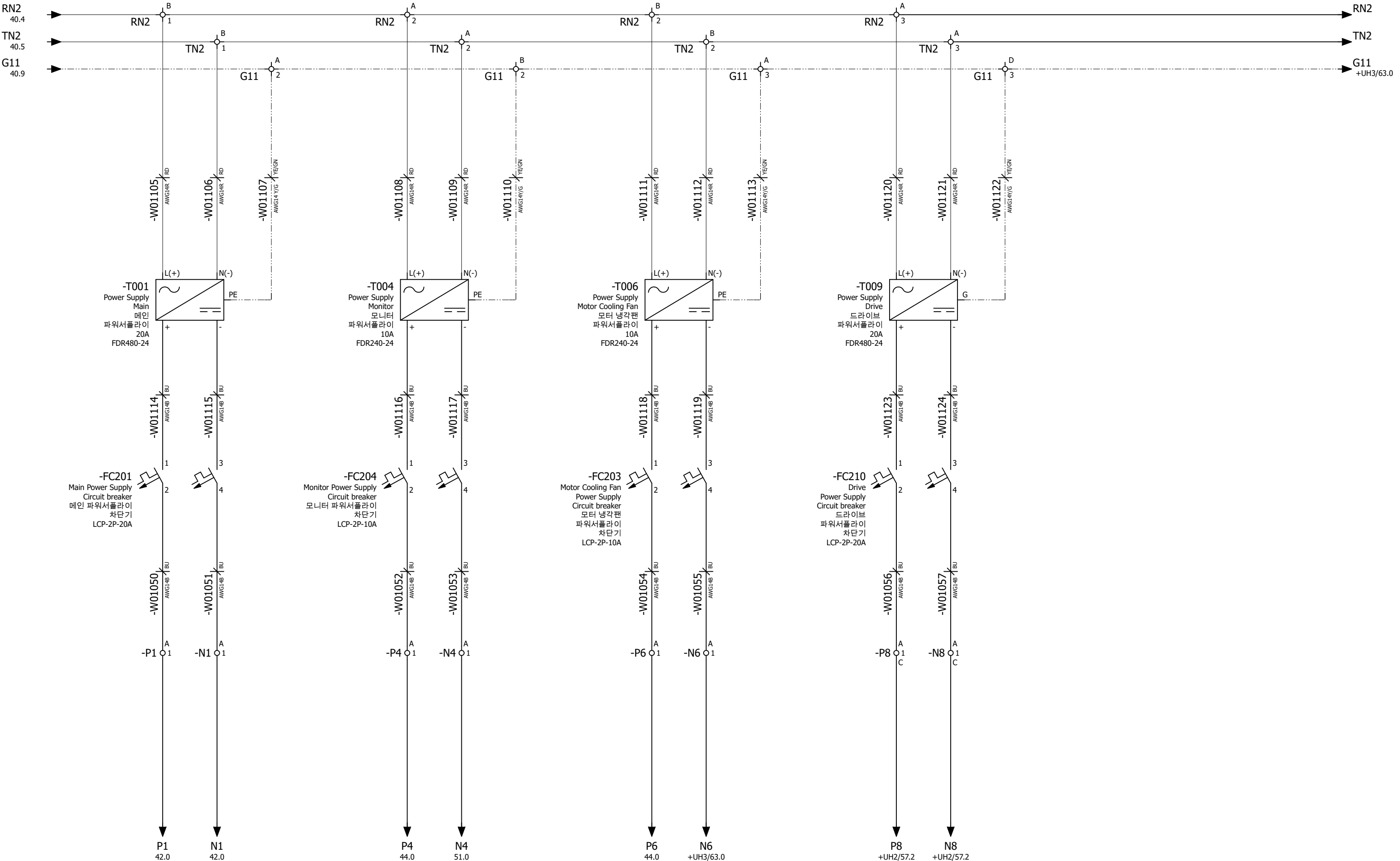










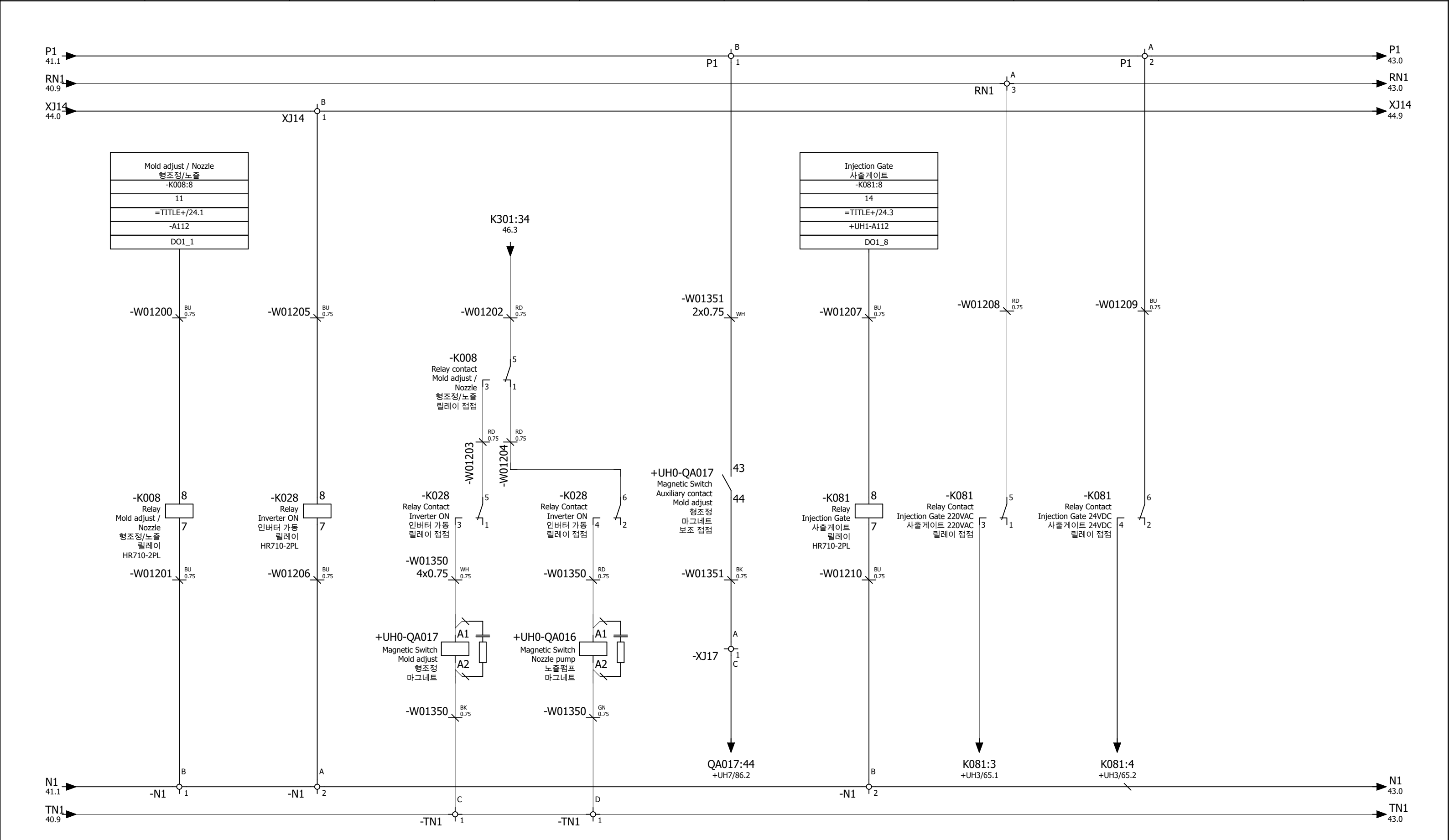


본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다. 본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

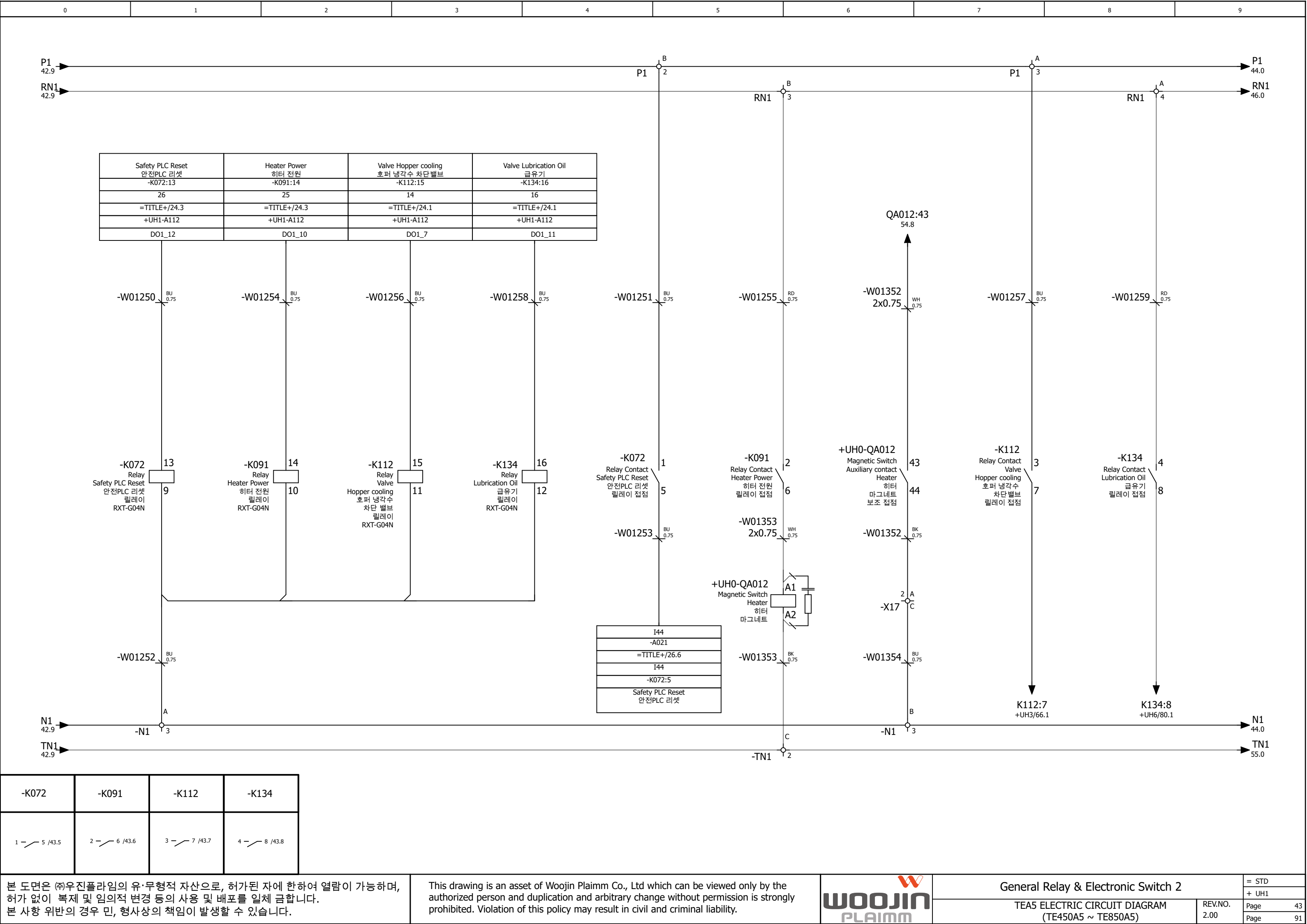
This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.

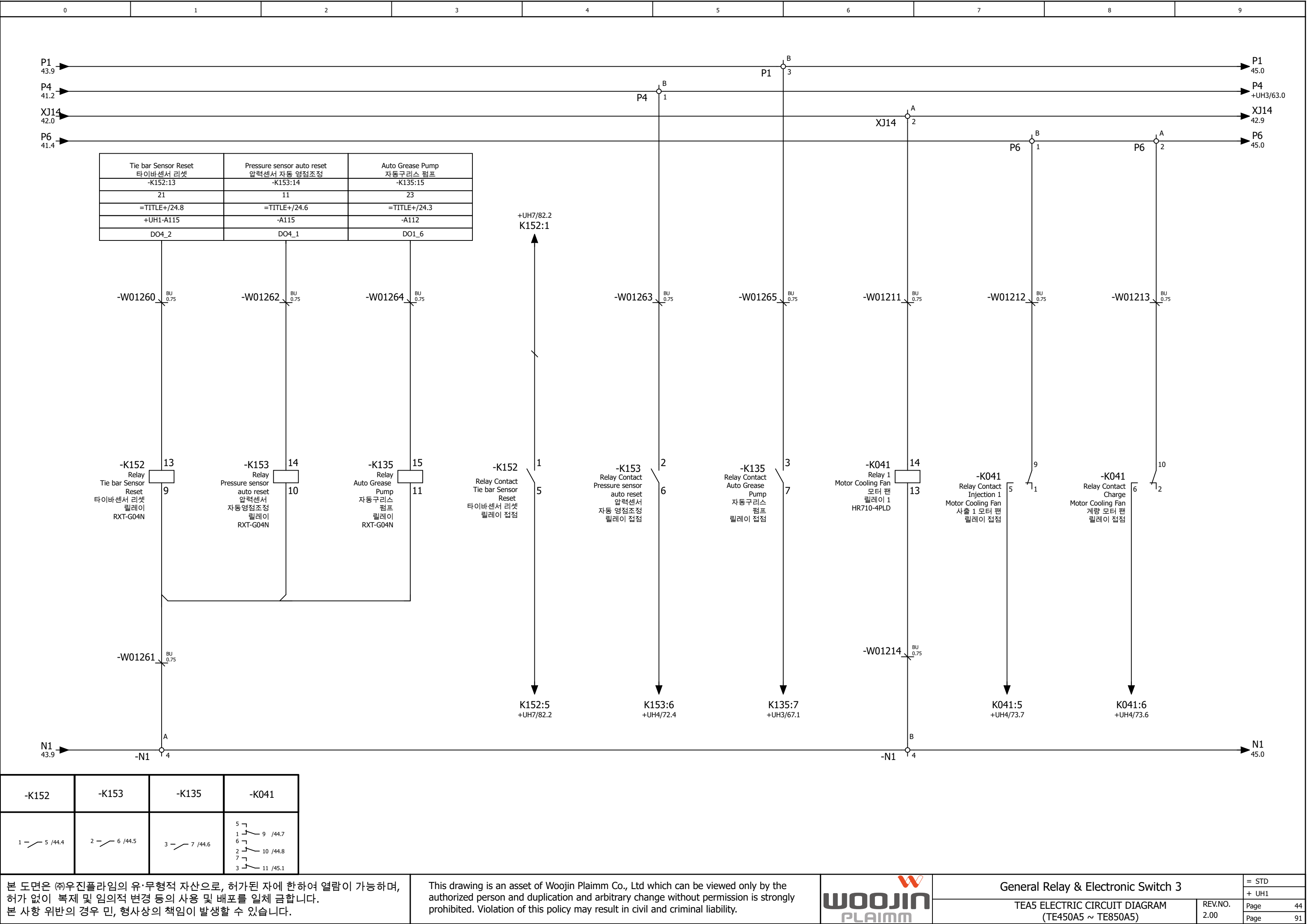


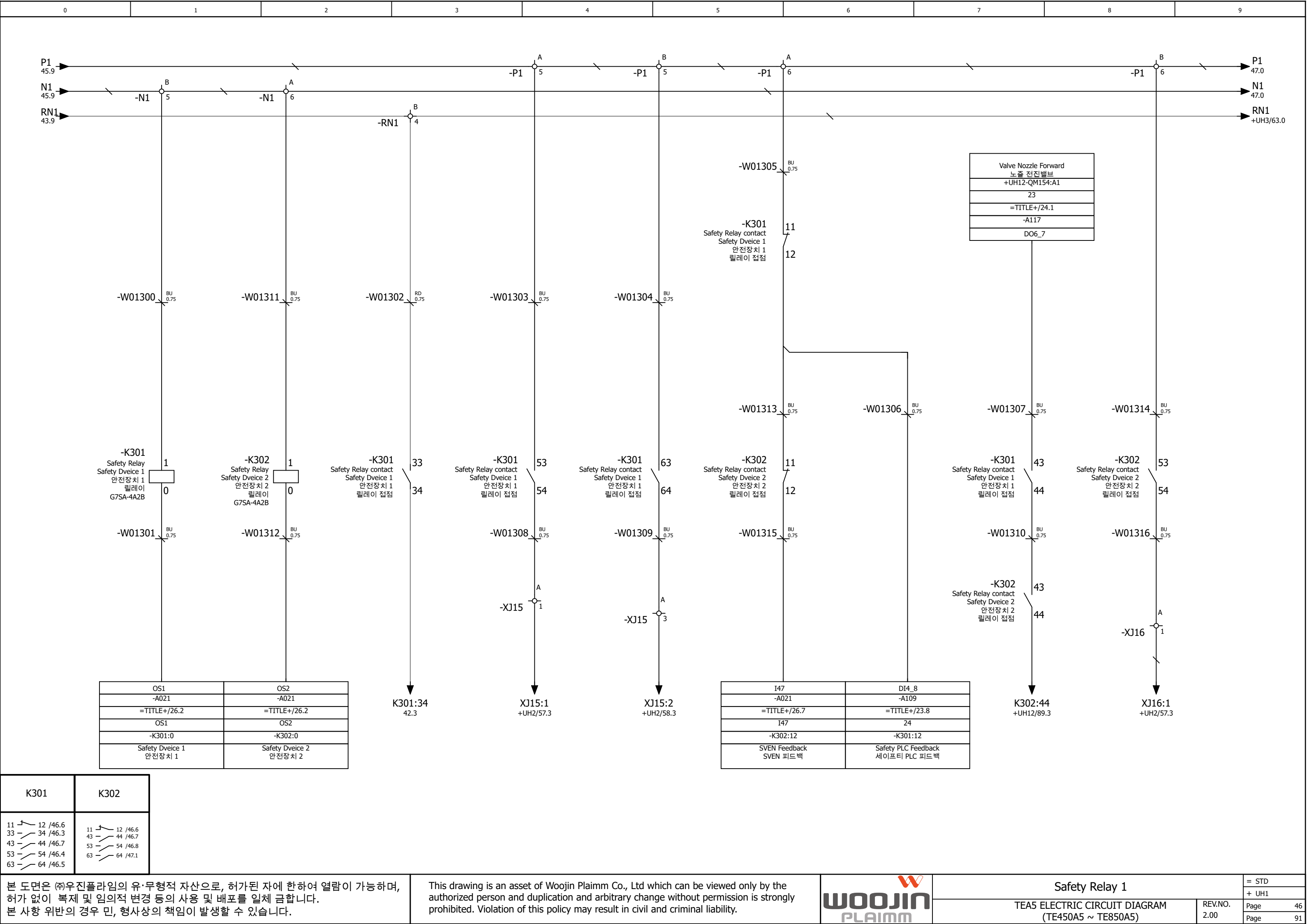
AC/DC Converter		= STD	
		+ UH1	
TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)		REV.NO. 2.00	Page 41
			Page 91

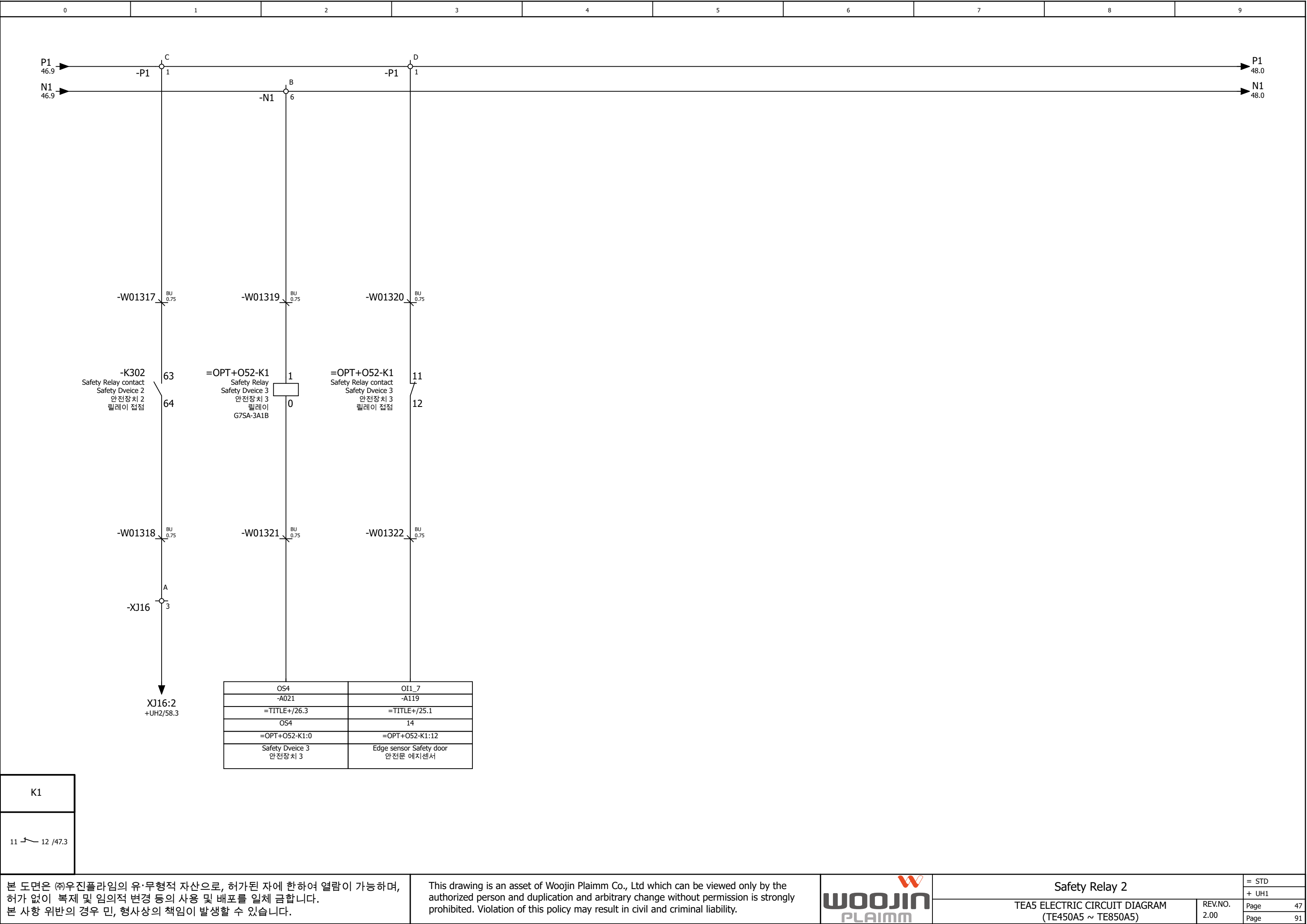


-K008	-K028	-K081
3 1 5 /42.3	3 1 4 2 5 /42.3 6 /42.4	3 1 2 5 /42.6 6 /42.7









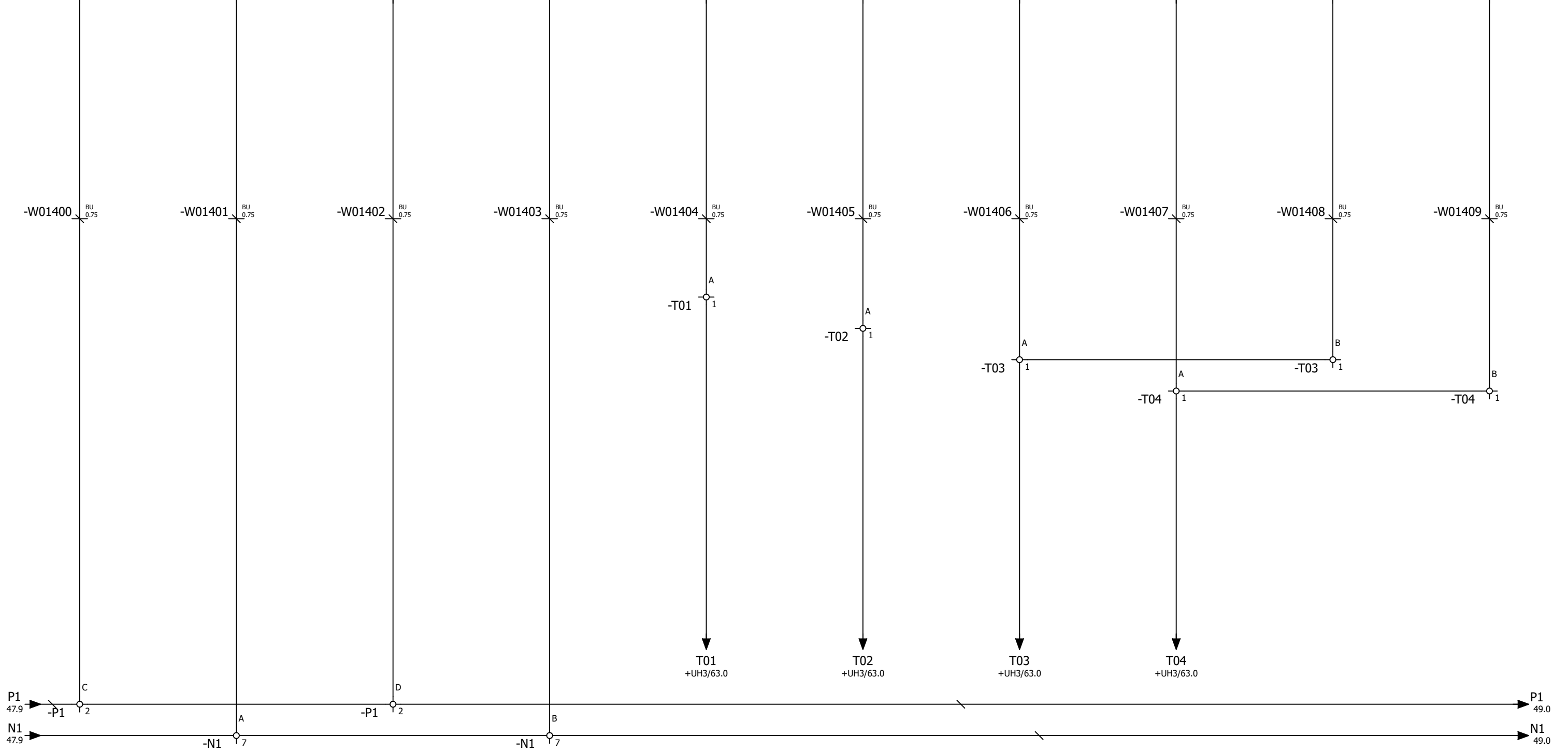
본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다. 본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.

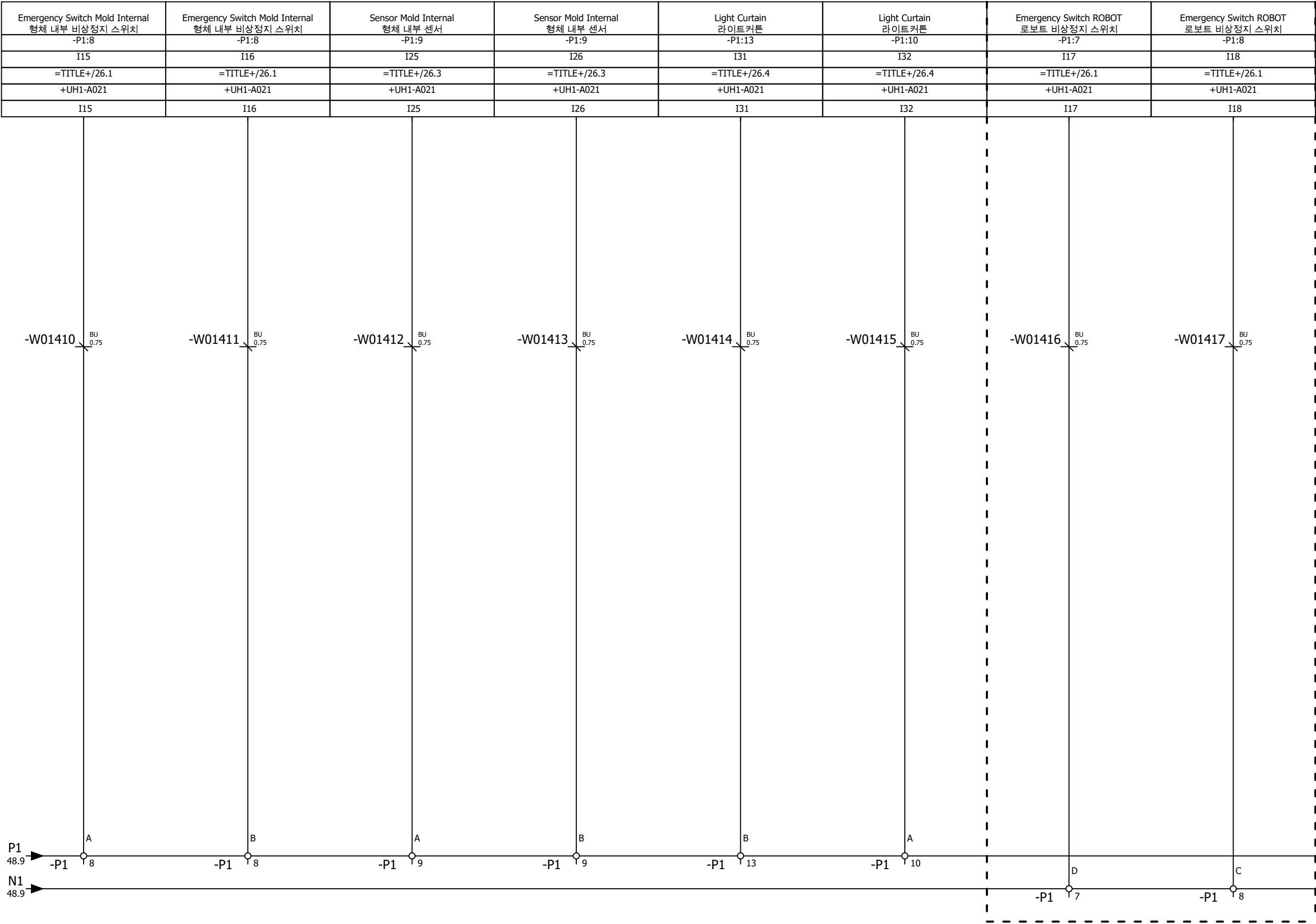


Safety Relay 2		= STD	
TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)		+ UH1	
REV.NO. 2.00		Page	47
		Page	91

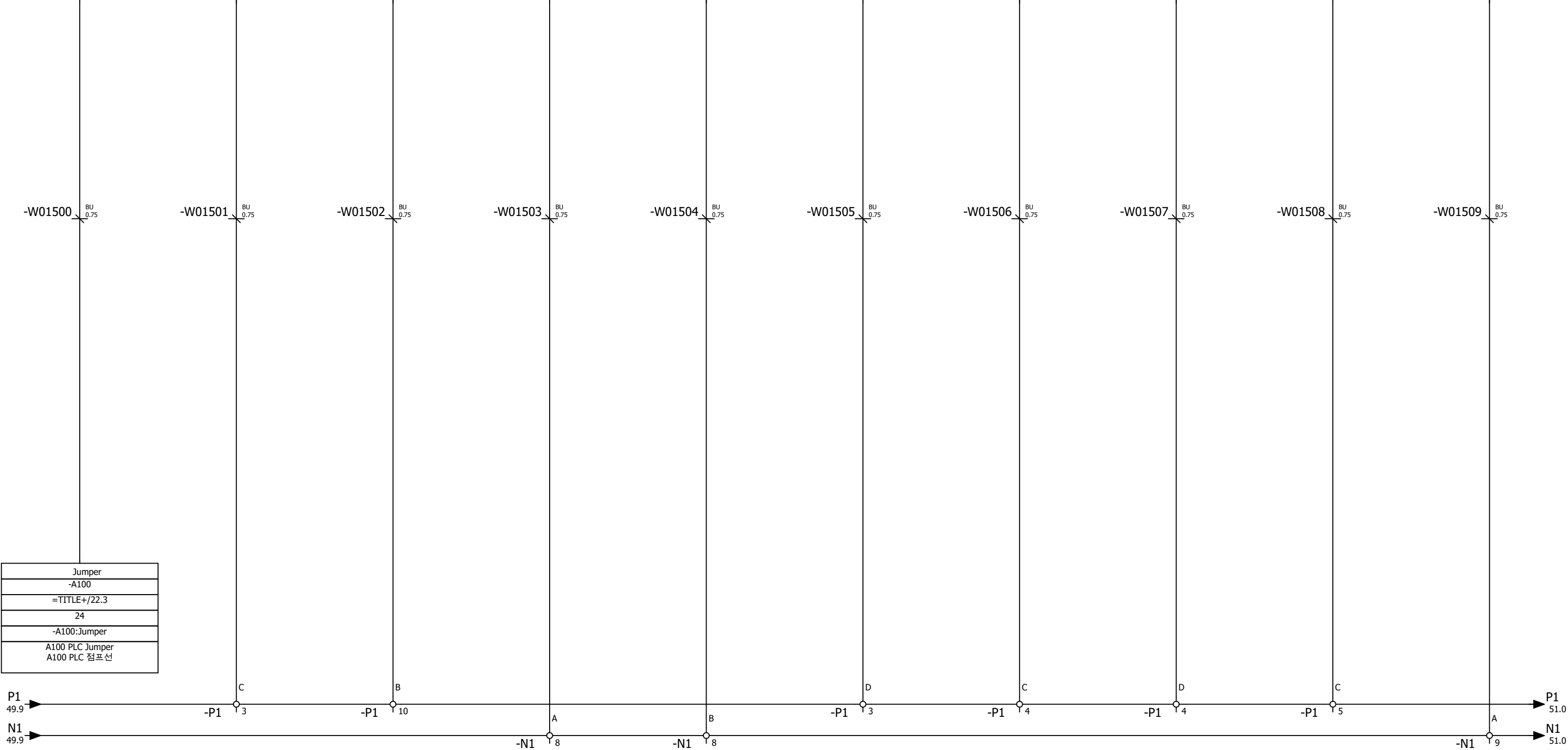
A101 PLC Power 24VDC A101 PLC 전원 24VDC	A101 PLC Power 24VDC A101 PLC 전원 24VDC	A101 PLC Power 24VDC A101 PLC 전원 24VDC	A101 PLC Power 24VDC A101 PLC 전원 24VDC	Safety PLC Test Pulse T01 안전PLC 테스트 펄스 T01	Safety PLC Test Pulse T02 안전PLC 테스트 펄스 T02	Safety PLC Test Pulse T03 안전PLC 테스트 펄스 T03	Safety PLC Test Pulse T04 안전PLC 테스트 펄스 T04	Safety Mat 1 안전매트 1	Safety Mat 2 안전매트 2
-P1:2	-N1:7	-P1:2	-N1:7	-T01:1	-T02:1	-T03:1	-T04:1	-T03:1	-T04:1
A1	A2	24V	0V	T01	T02	T03	T04	I35	I36
=TITLE+/26.0	=TITLE+/26.0	=TITLE+/26.0	=TITLE+/26.1	=TITLE+/26.1	=TITLE+/26.1	=TITLE+/26.1	=TITLE+/26.2	=TITLE+/26.4	=TITLE+/26.5
-A021	-A021	-A021	-A021	-A021	-A021	-A021	-A021	-A021	-A021
A1	A2	24V	0V	T01	T02	T03	T04	I35	I36



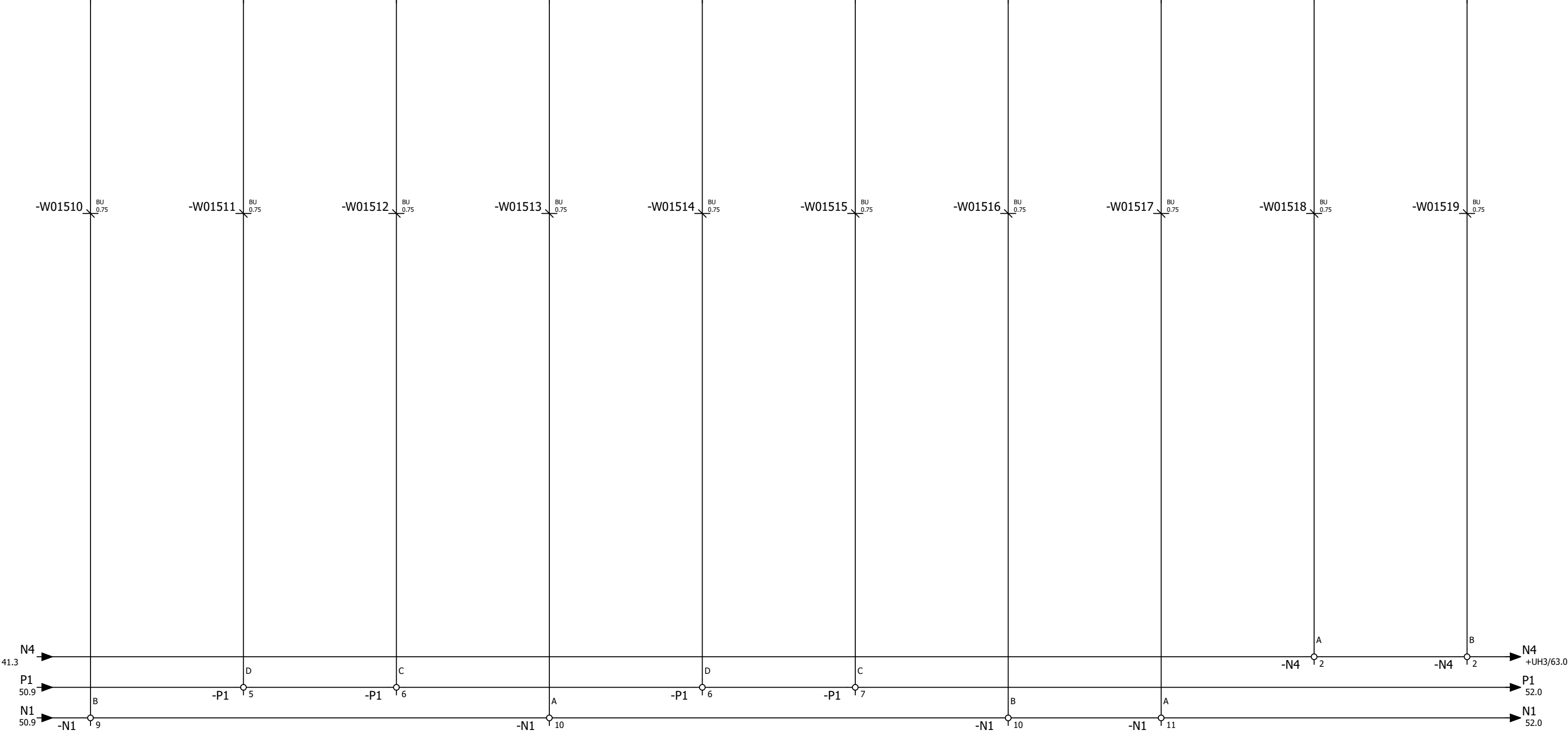
* EUROMAP 옵션시 삭제



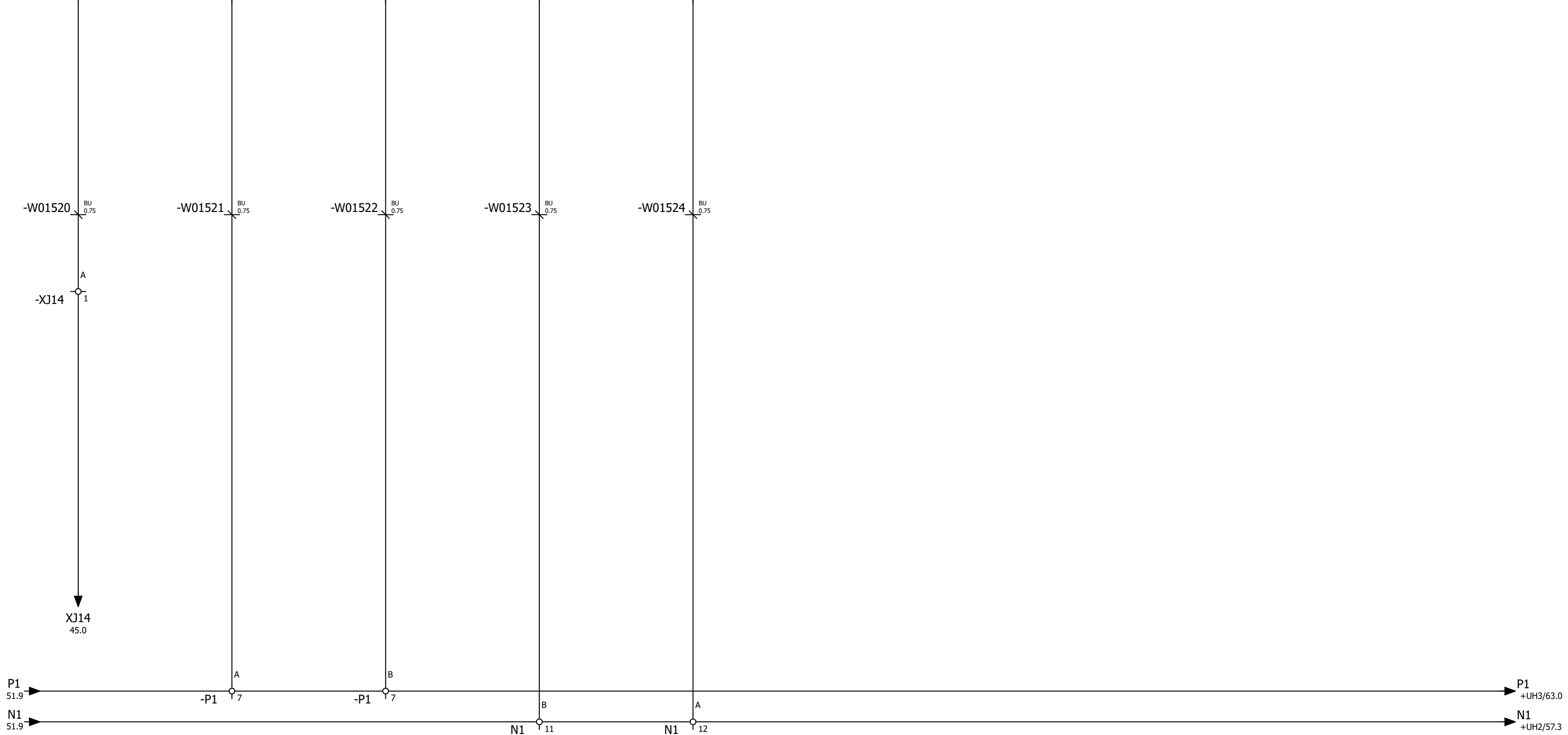
A100 PLC Jumper A100 PLC 점프선 -A100:Jumper	A100 PLC Power 24VDC A100 PLC 전원 24VDC -P1:3	A100 PLC Power 24VDC A100 PLC 전원 24VDC -P1:10	A100 PLC Power 0VDC A100 PLC 전원 0VDC -N1:8	A100 PLC Power 0VDC A100 PLC 전원 0VDC -N1:8	A101 PLC Power 24VDC A101 PLC 전원 24VDC -P1:3	A101 PLC Power 24VDC A101 PLC 전원 24VDC -P1:4	A101 PLC Power 24VDC A101 PLC 전원 24VDC -P1:4	A101 PLC Power 24VDC A101 PLC 전원 24VDC -P1:5	A102 PLC Power 0VDC A102 PLC 전원 0VDC -N1:9
14	25	15	16	26	14	24	15	25	16
=TITLE+/22.1	=TITLE+/22.3	=TITLE+/22.1	=TITLE+/22.1	=TITLE+/22.3	=TITLE+/22.6	=TITLE+/22.8	=TITLE+/22.6	=TITLE+/22.8	=TITLE+/22.6
-A100	-A100	-A100	-A100	-A100	-A101	-A101	-A101	-A101	-A101
Jumper	P1	P1	N1	N1	P1	P1	P1	P1	N1

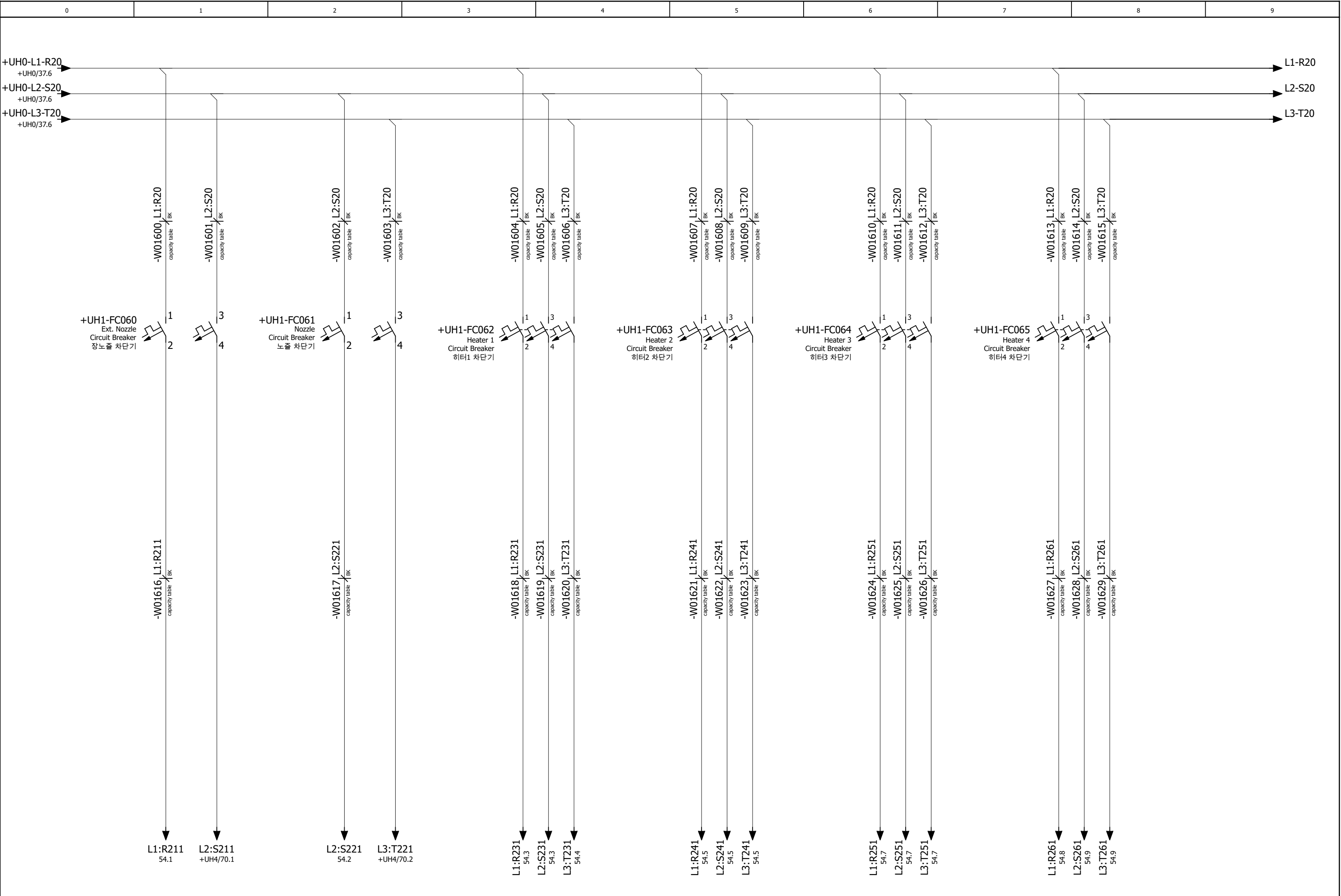


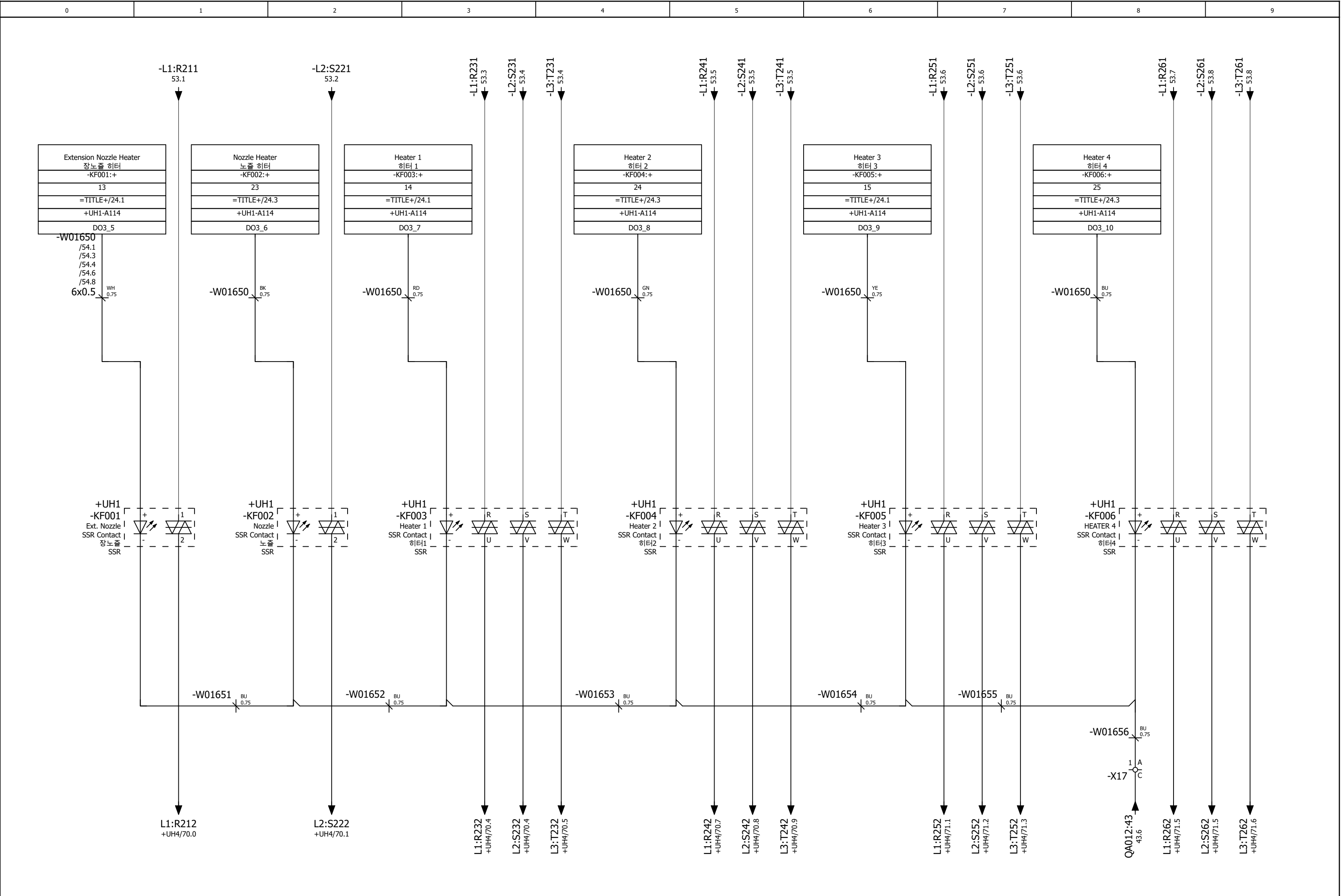
A102 PLC Power 0VDC A102 PLC 전원 0VDC -N1:9	A110 PLC Power 24VDC A110 PLC 전원 24VDC -P1:5	A110 PLC Power 24VDC A110 PLC 전원 24VDC -P1:6	A110 PLC Power 0VDC A110 PLC 전원 0VDC -N1:10	A117 PLC Power 24VDC A117 PLC 전원 24VDC -P1:6	A117 PLC Power 24VDC A117 PLC 전원 24VDC -P1:7	A117 PLC Power 0VDC A117 PLC 전원 0VDC -N1:10	A117 PLC Power 0VDC A117 PLC 전원 0VDC -N1:11	Sensor Mold Force Measuring 형체력 측정센서 -N4:2	Pressure Sensor Nozzle 노즐 압력센서 -N4:2
26	24	25	26	15	25	16	26	23	13
=TITLE+/22.8	=TITLE+/23.3	=TITLE+/23.3	=TITLE+/23.3	=TITLE+/24.1	=TITLE+/24.3	=TITLE+/24.1	=TITLE+/24.3	=TITLE+/22.3	=TITLE+/22.1
-A101	-A110	-A110	-A110	-A117	-A117	-A117	-A117	-A104	-A104
N1	P1	P1	N1	P1	P1	N1	N1	AI1_2-	AI1_1-



Servo Enable 서보 Enable -XJ14:2	A119 PLC Power 24VDC A119 PLC 전원 24VDC -P1:7	A119 PLC Power 24VDC A119 PLC 전원 24VDC -P1:7	A119 PLC Power 0VDC A119 PLC 전원 0VDC -N1:11	A119 PLC Power 0VDC A119 PLC 전원 0VDC -N1:12
13	15	25	16	26
=TITLE+ /24.1	=TITLE+ /25.6	=TITLE+ /25.8	=TITLE+ /25.6	=TITLE+ /25.8
-A112	-A120	-A120	-A120	-A120
DO1_5	P1	P1	N1	N1





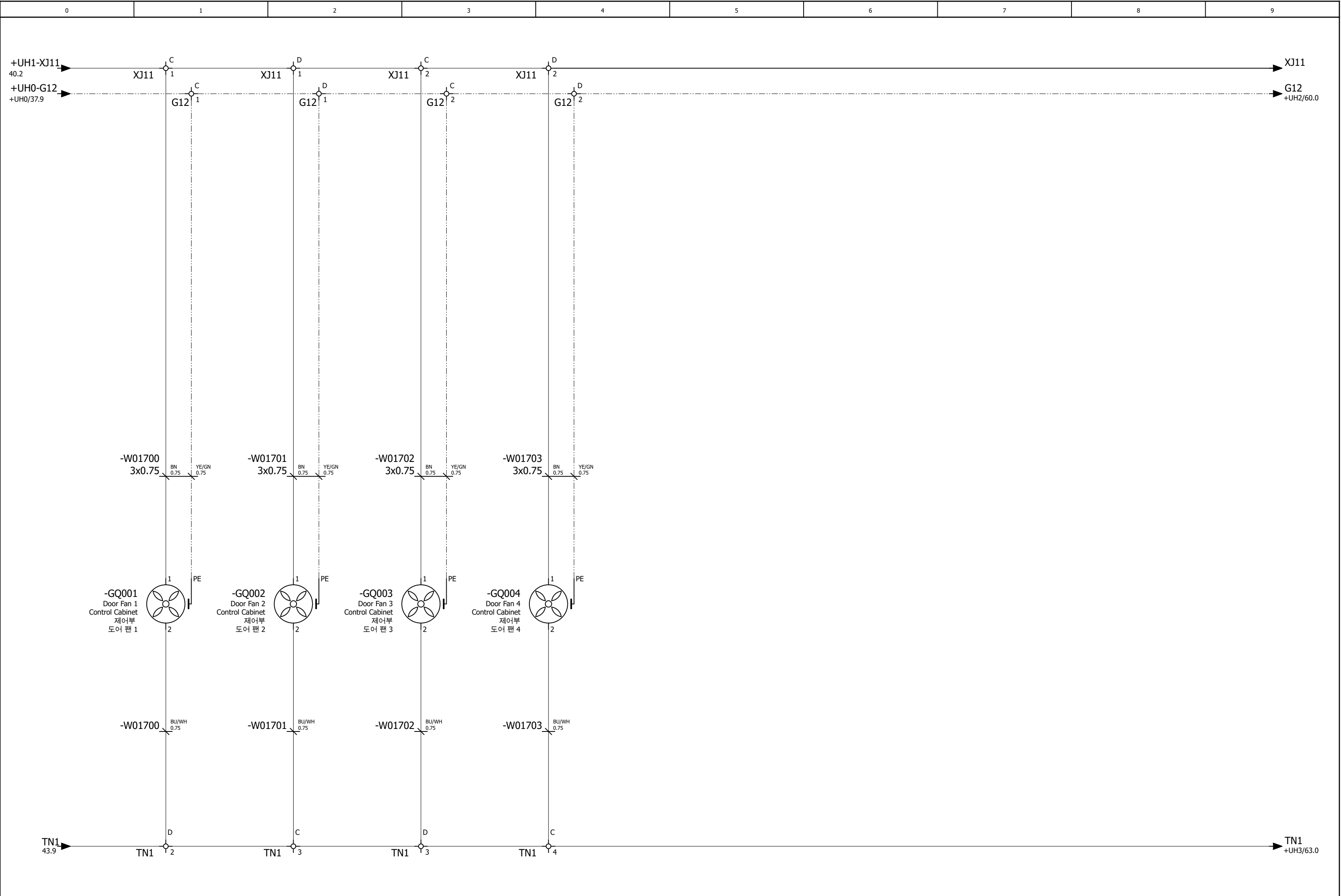


본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다. 본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.



Heater Assy Solid State Relay		= STD	
TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)		+ UH1	
REV.NO. 2.00		Page	54
		Page	91

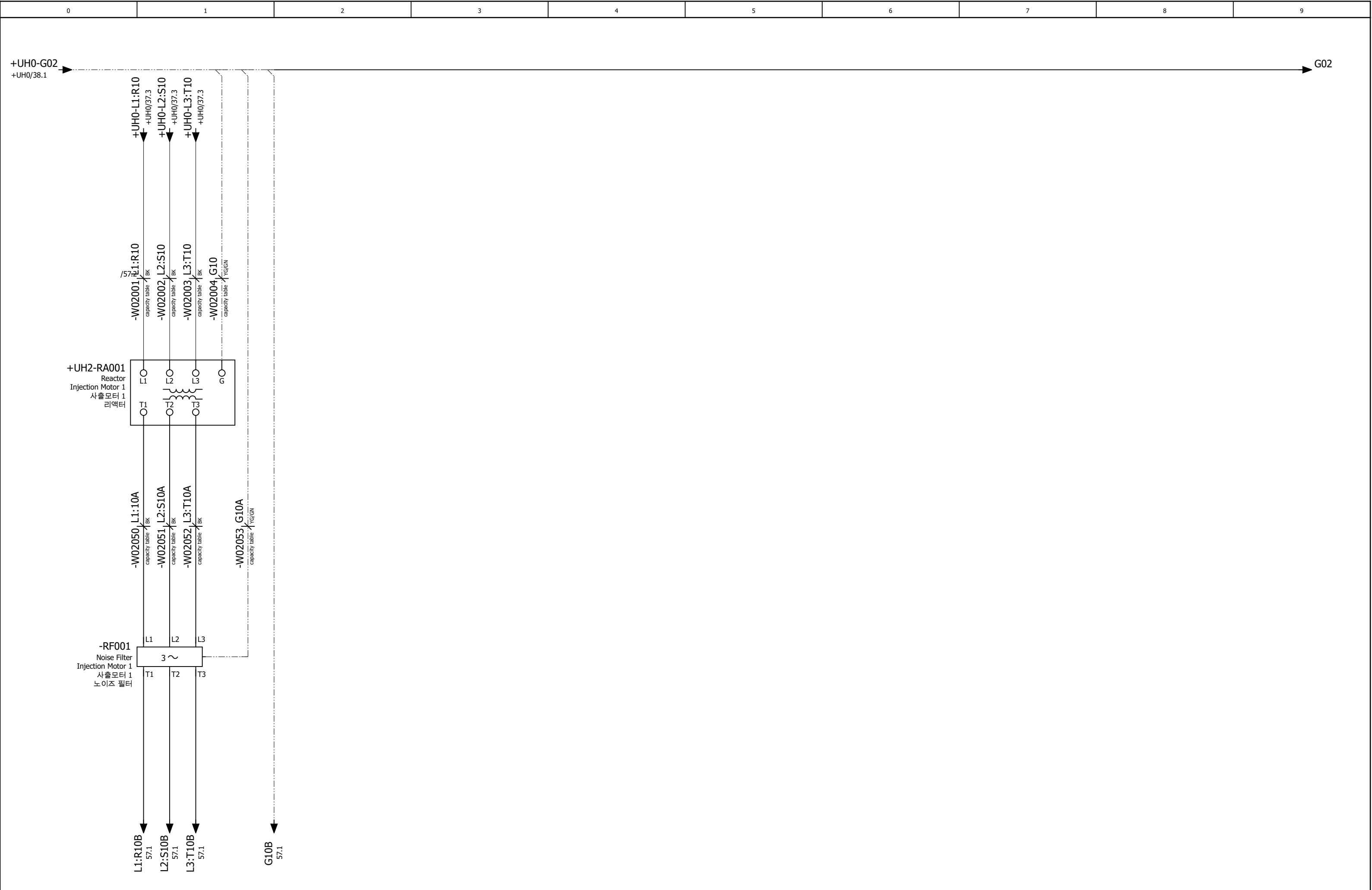


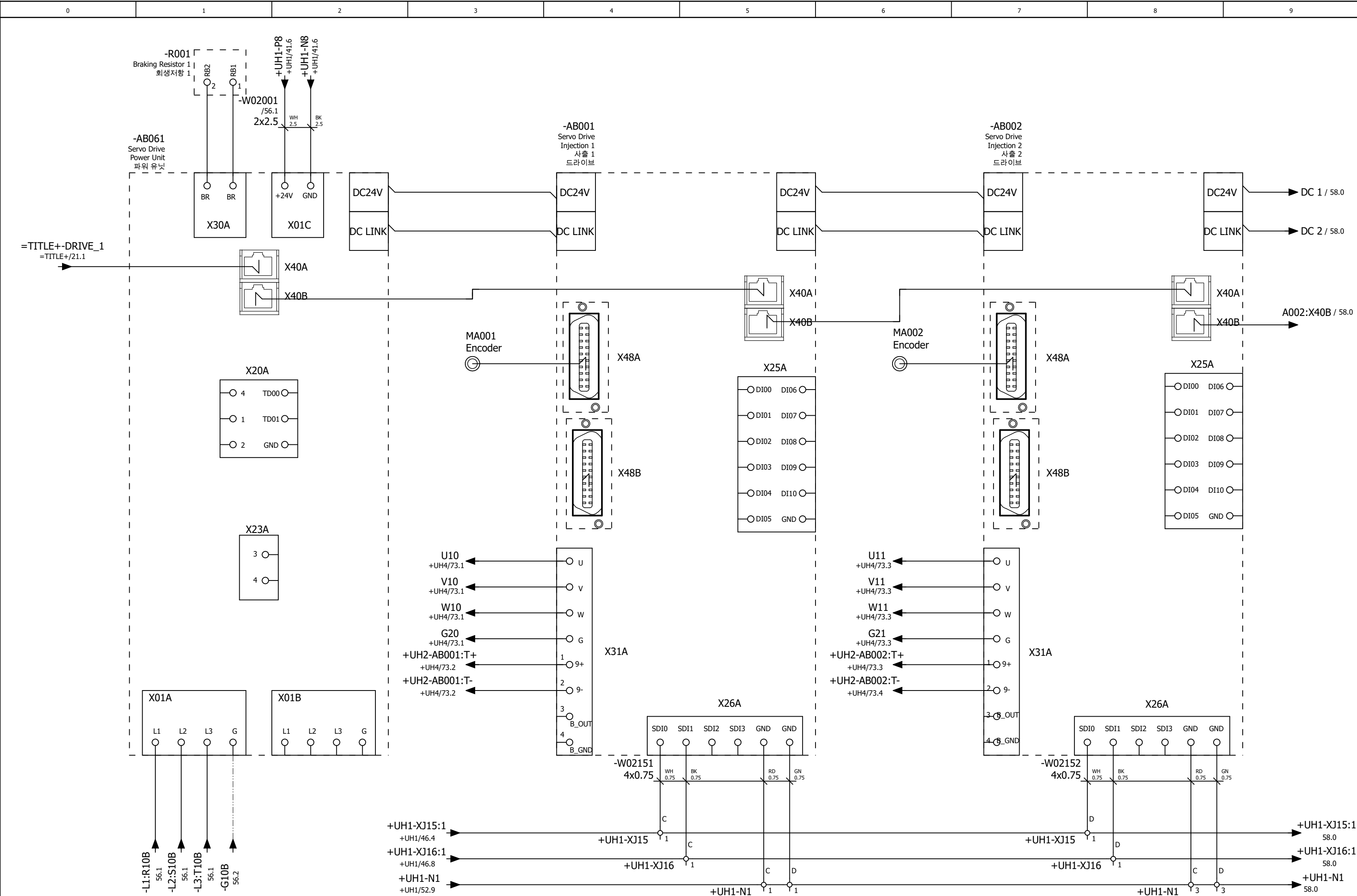
본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다.
본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

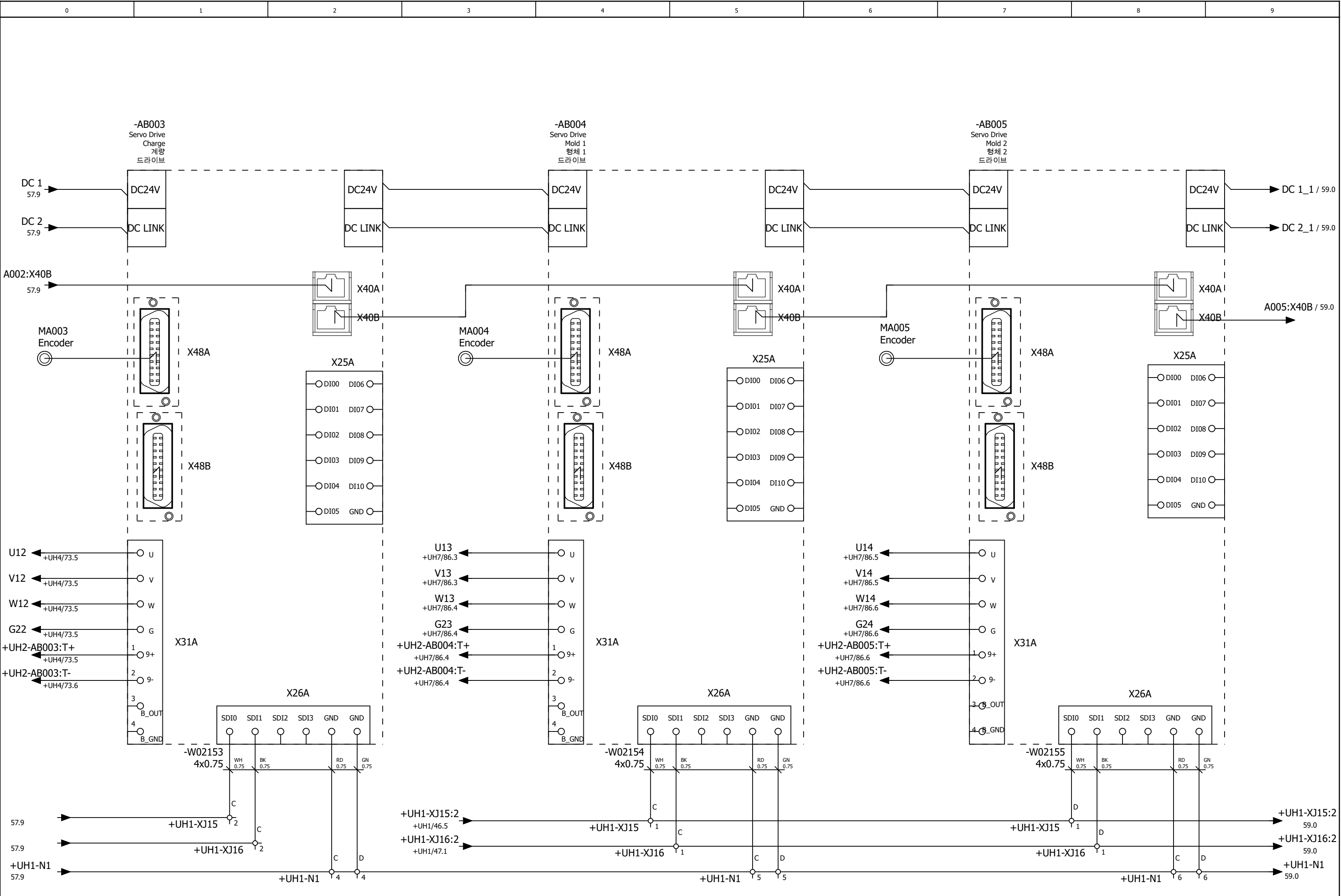
This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.



Door Fan		= STD
		+ UH1
TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)	REV.NO. 2.00	Page 55 Page 91





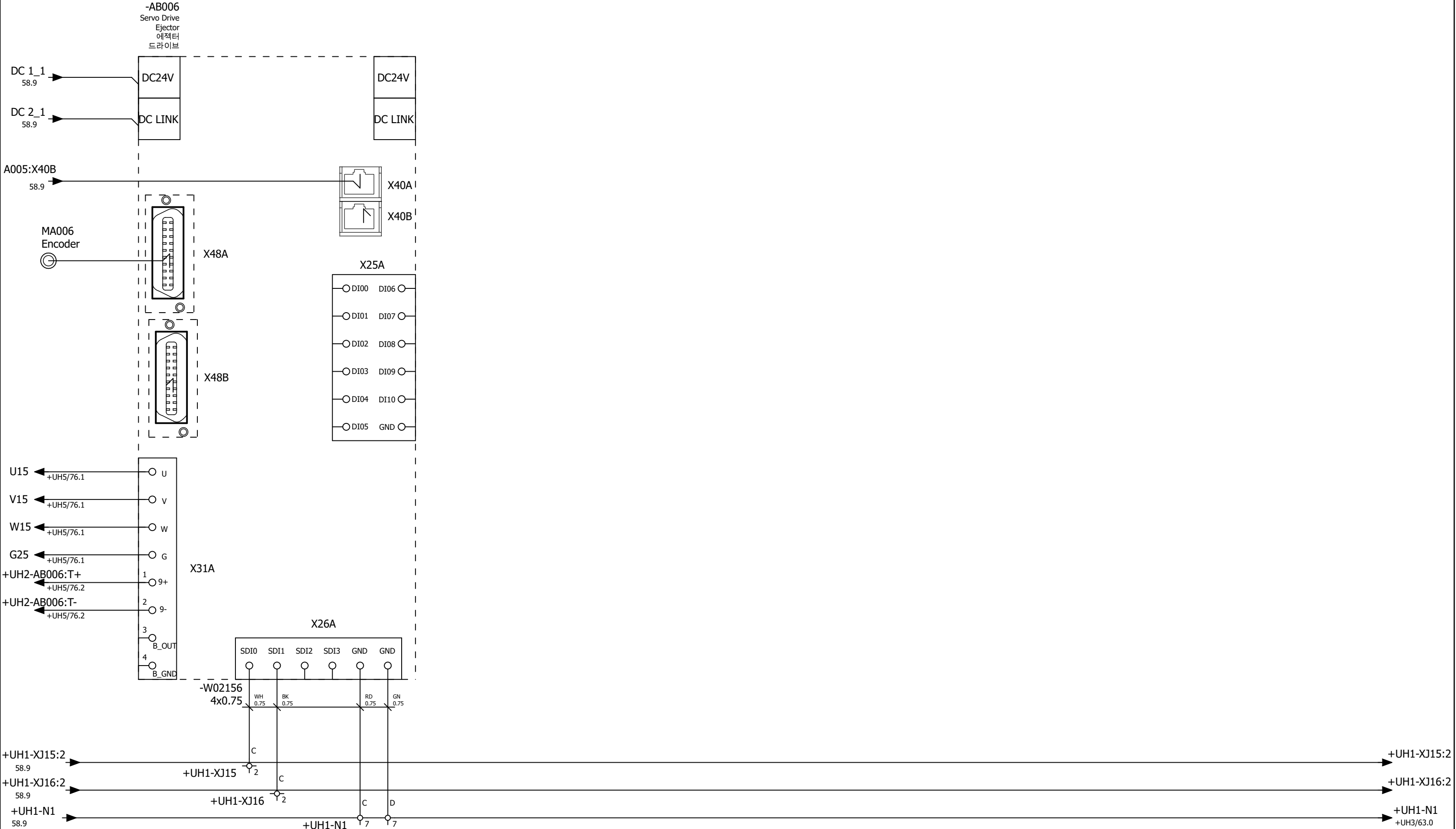


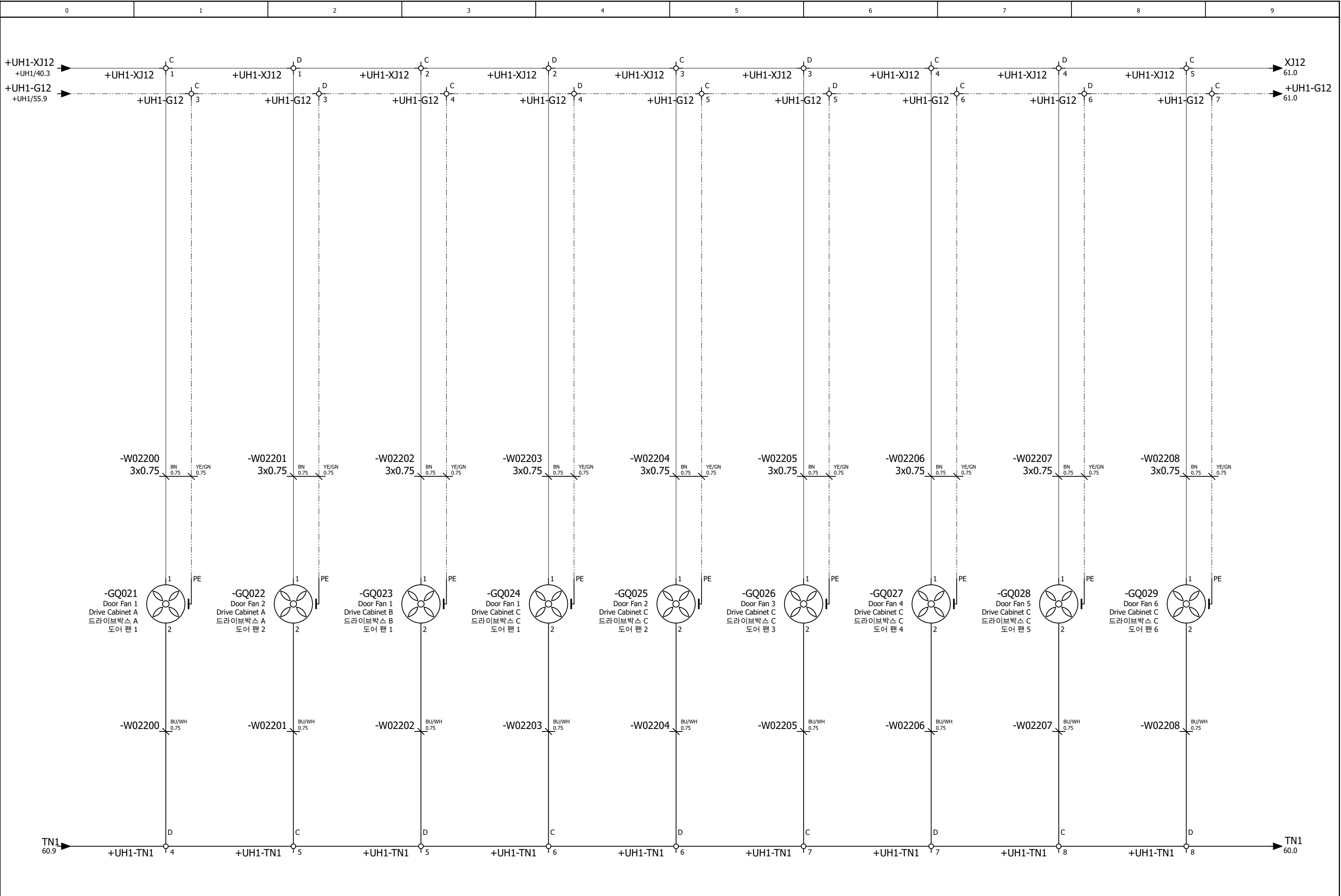
본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다. 본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.



Servo Drive 2		= STD
TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)		+ UH2
REV.NO. 2.00	Page	58
	Page	91



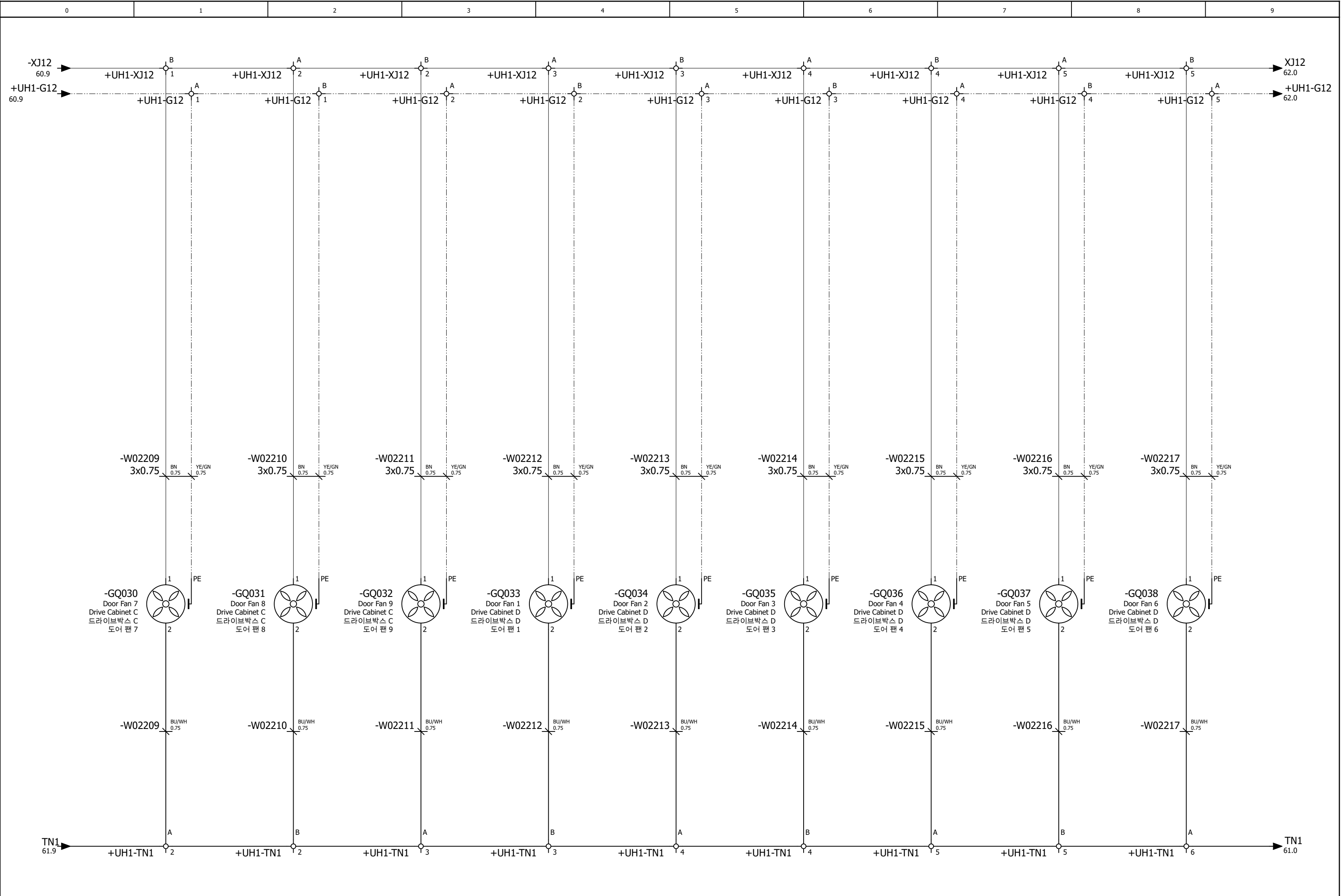


본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다.
본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.



Door Fan 1		= STD
		+ UH2
TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)	REV.NO. 2.00	Page 60
		Page 91

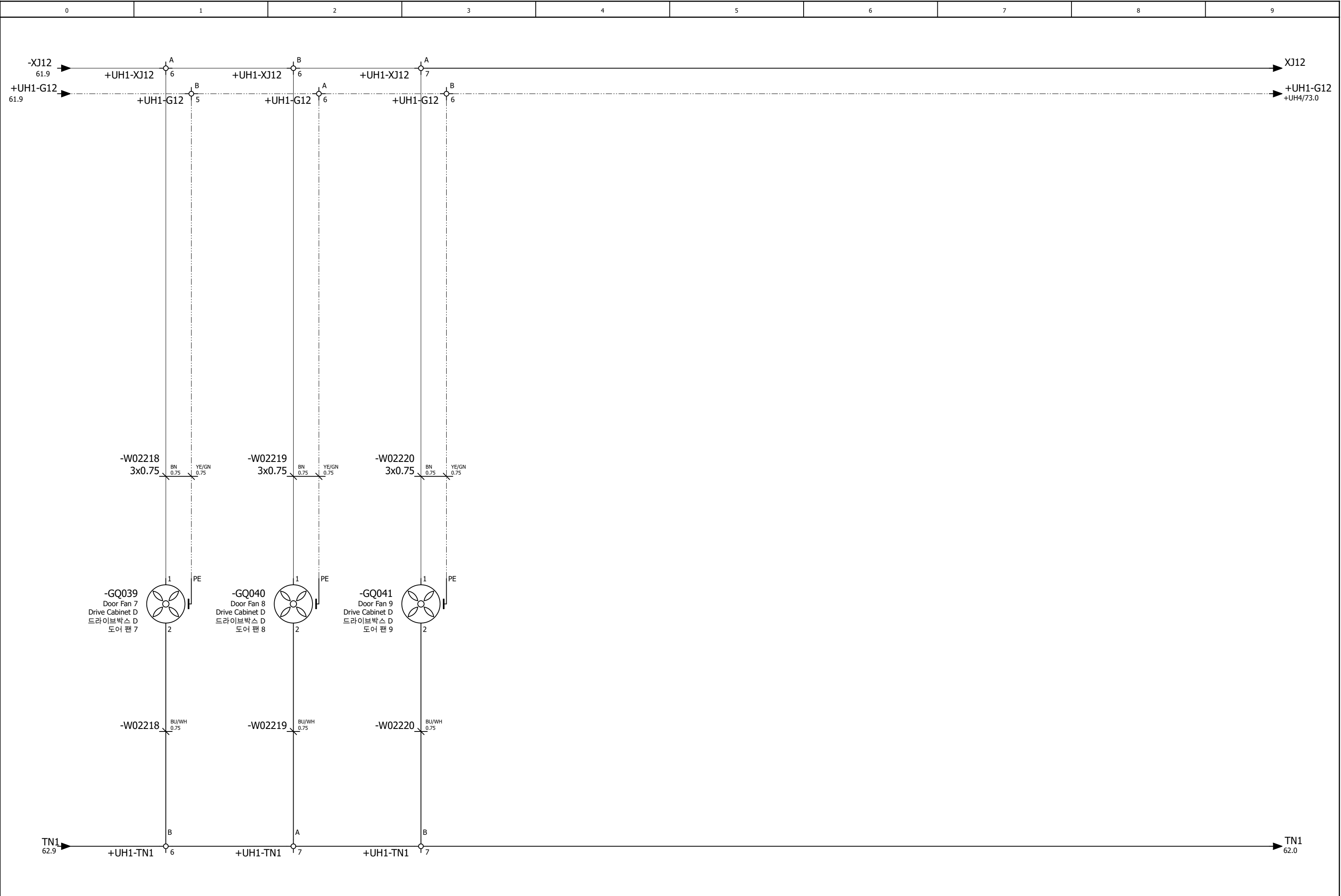


본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다. 본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.



Door Fan 2		= STD
		+ UH2
TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)	REV.NO. 2.00	Page 61
		Page 91

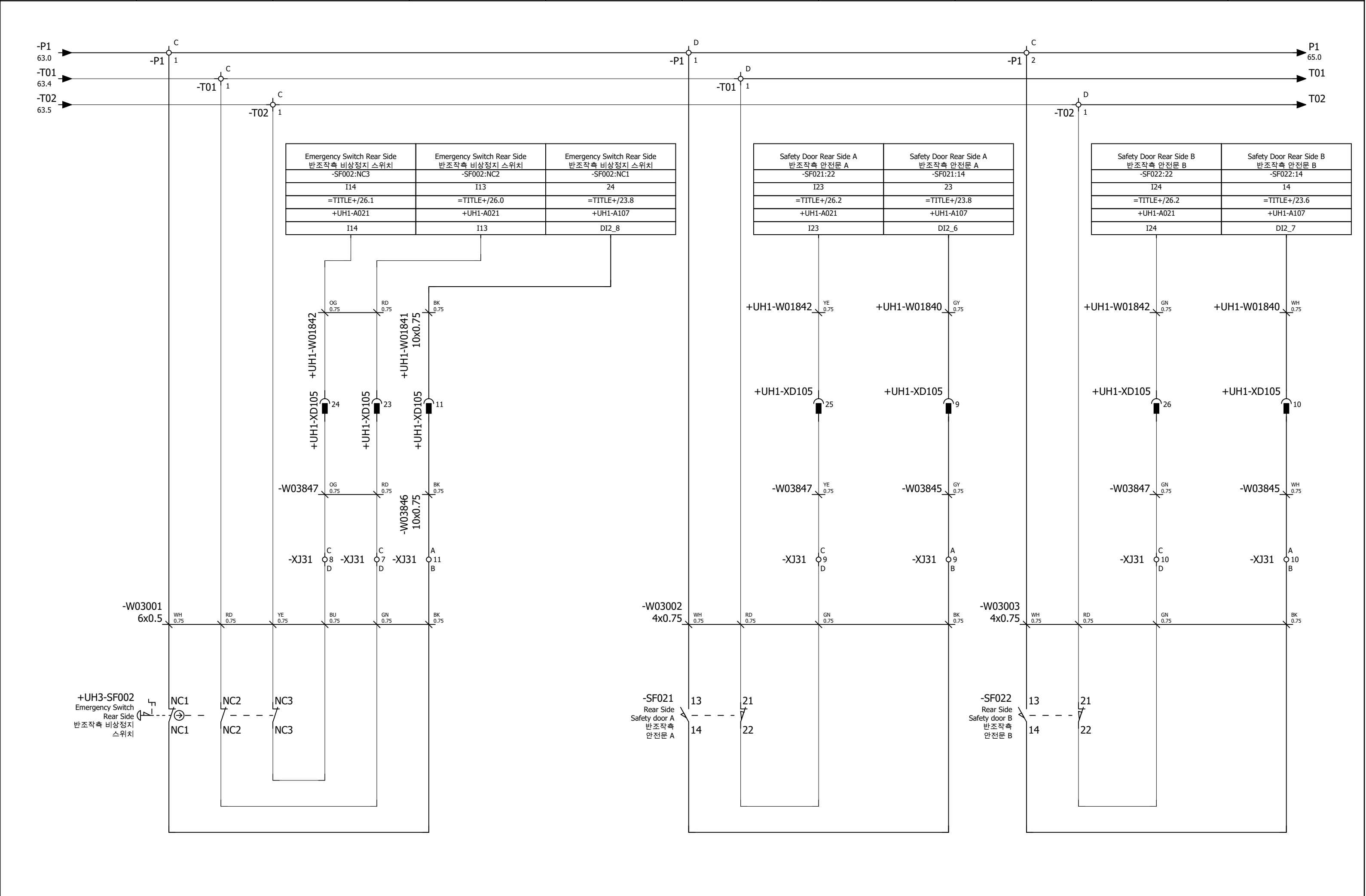


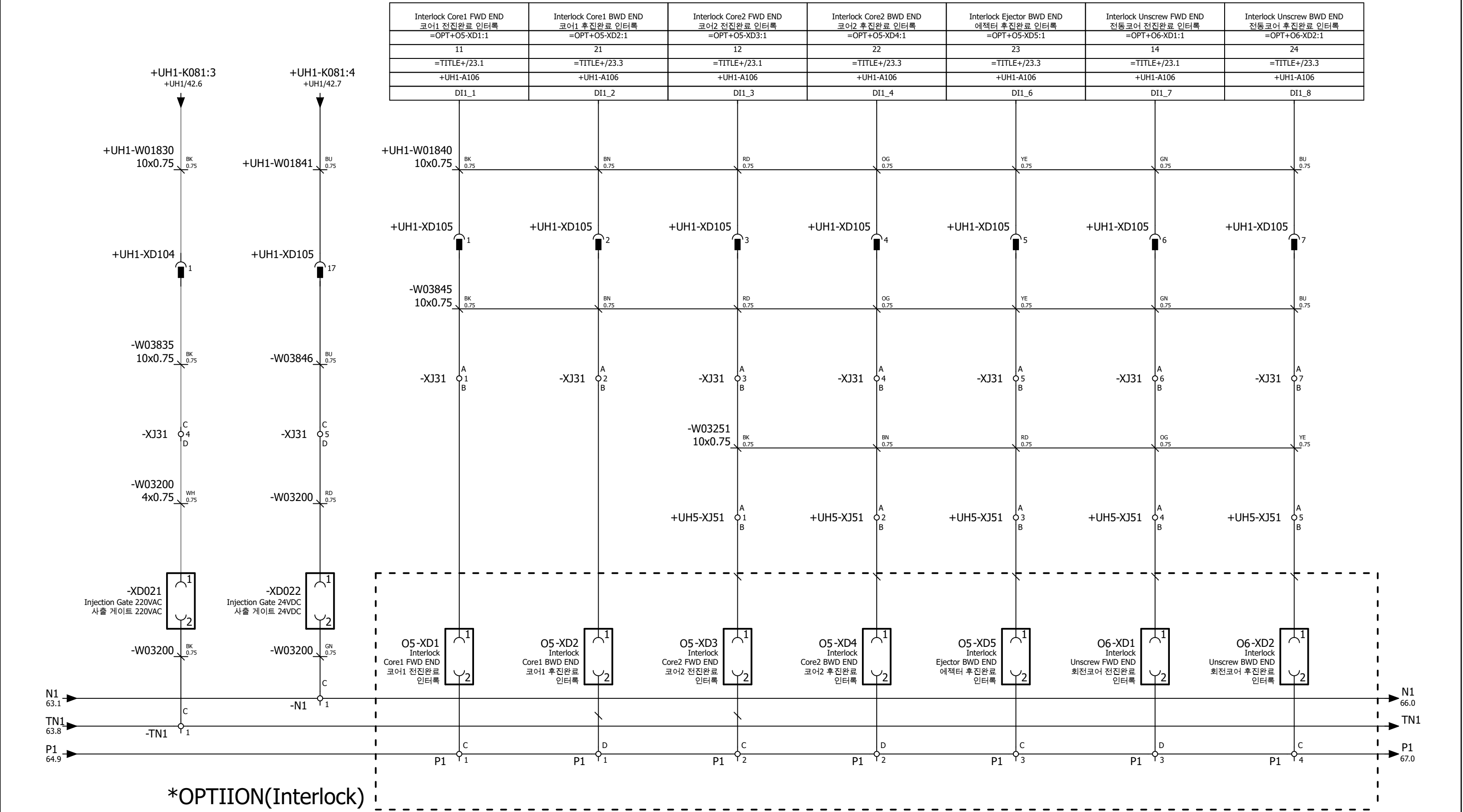
본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다.
본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

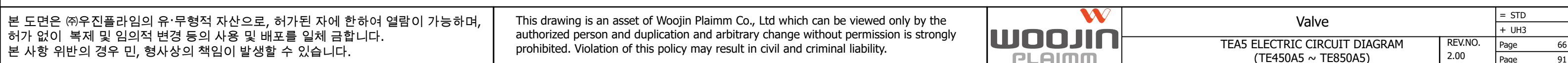
This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.

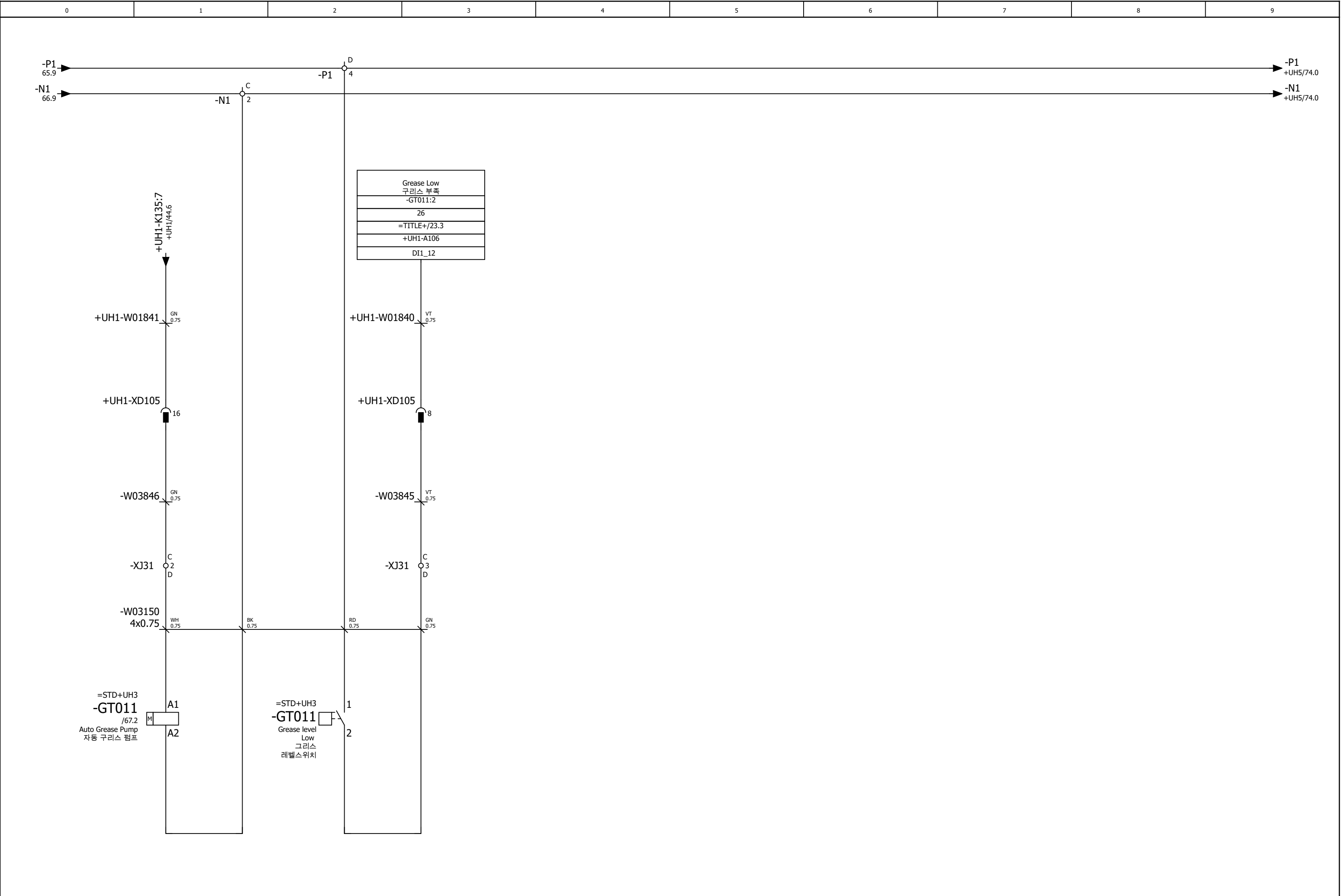


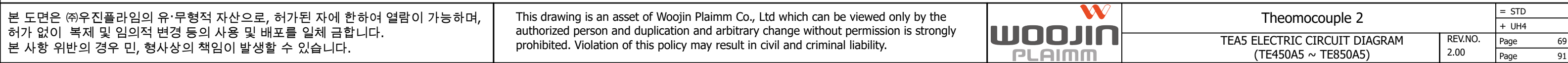
Door Fan 3		= STD
		+ UH2
TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)	REV.NO. 2.00	Page 62
		Page 91

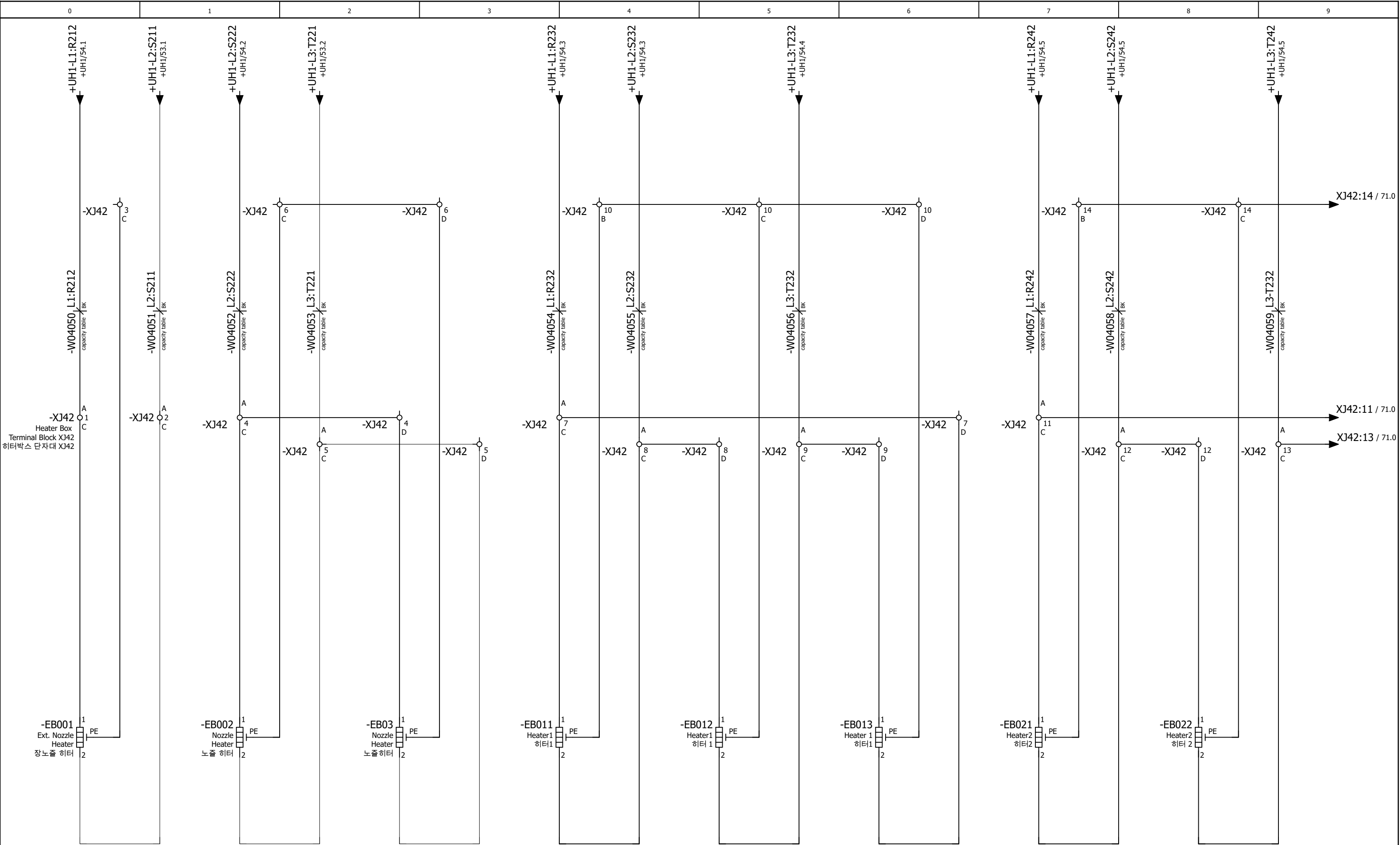










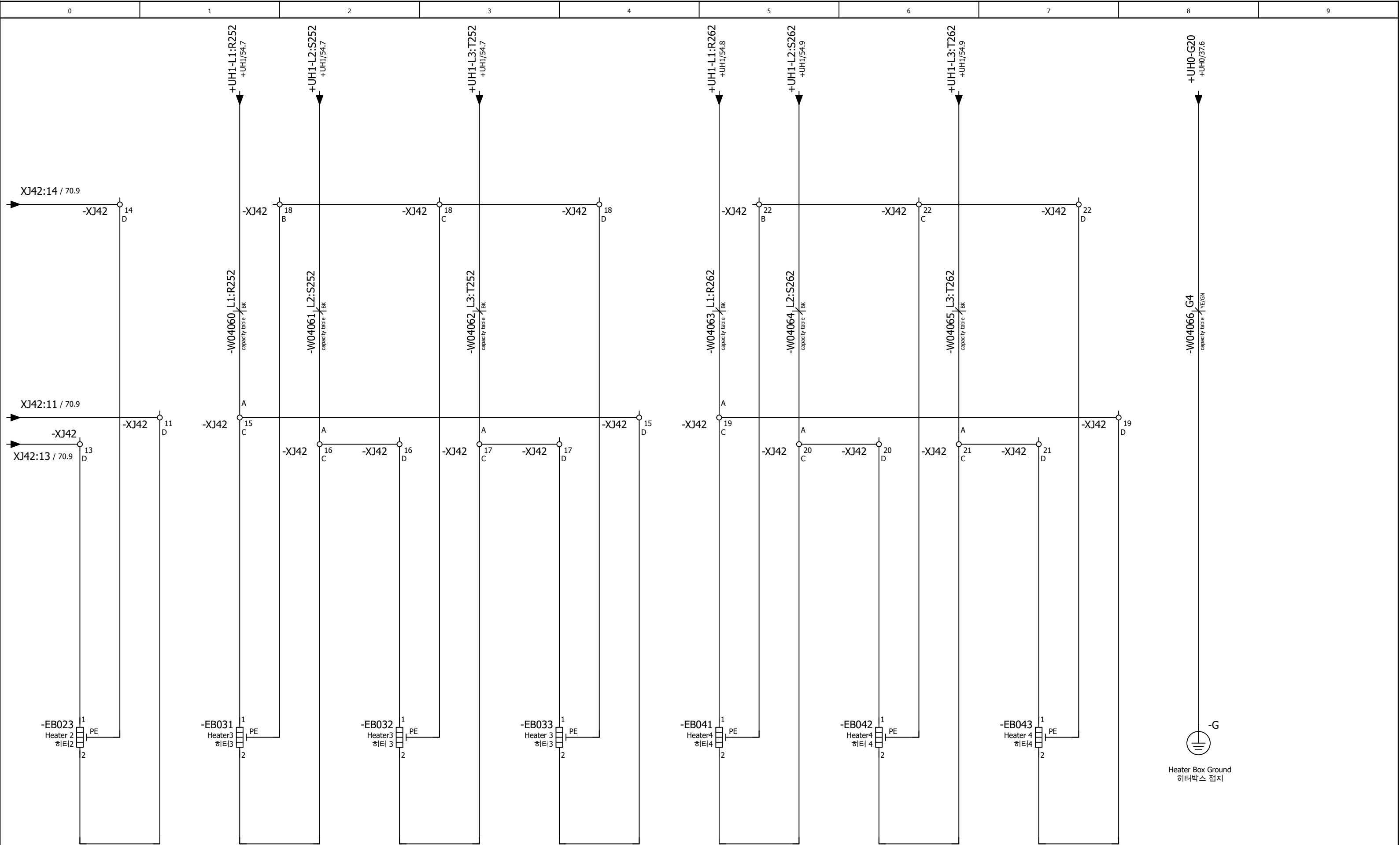


본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다.
본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.



Heater 1		= STD
		+ UH4
TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)	REV.NO. 2.00	Page 70
		Page 91

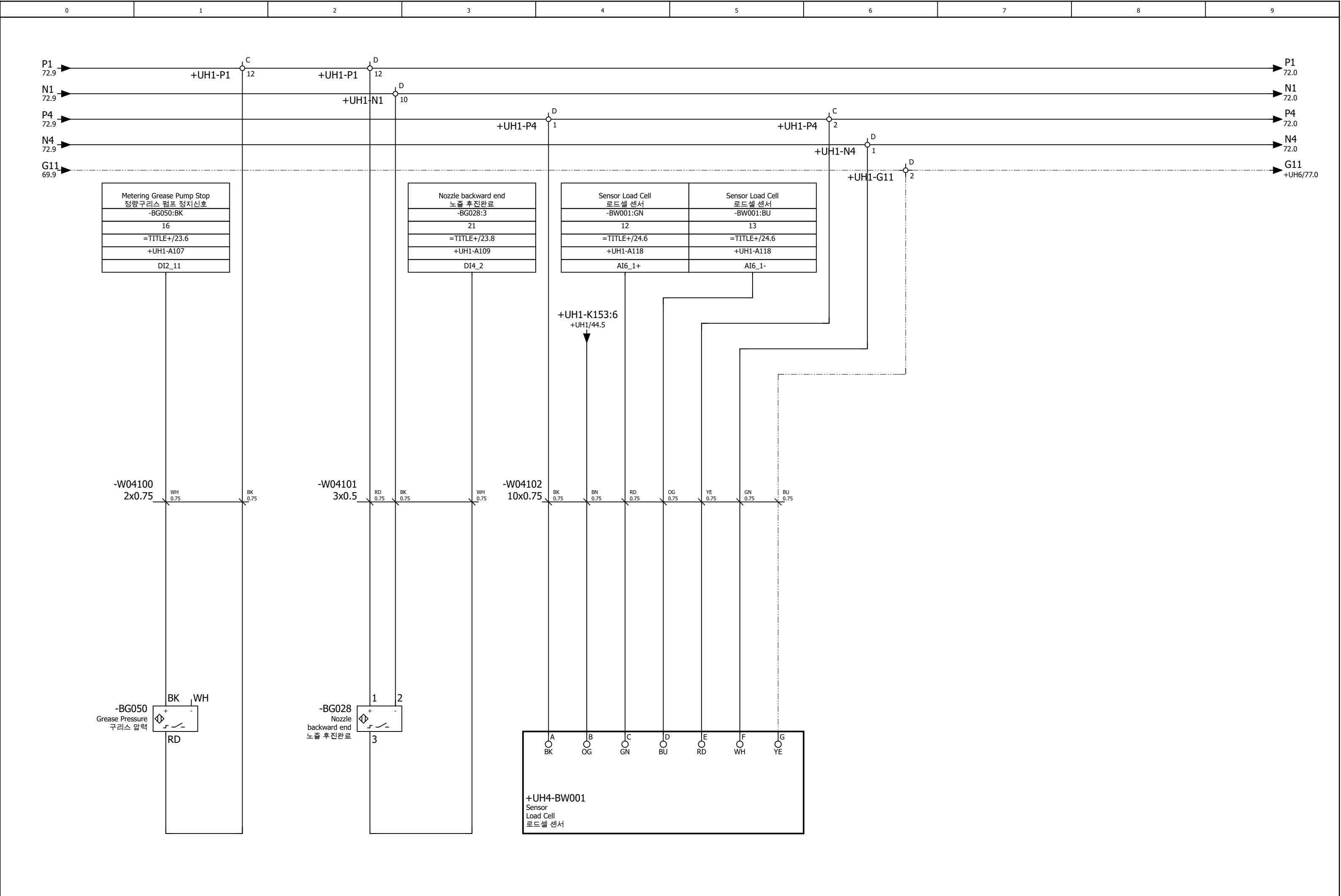


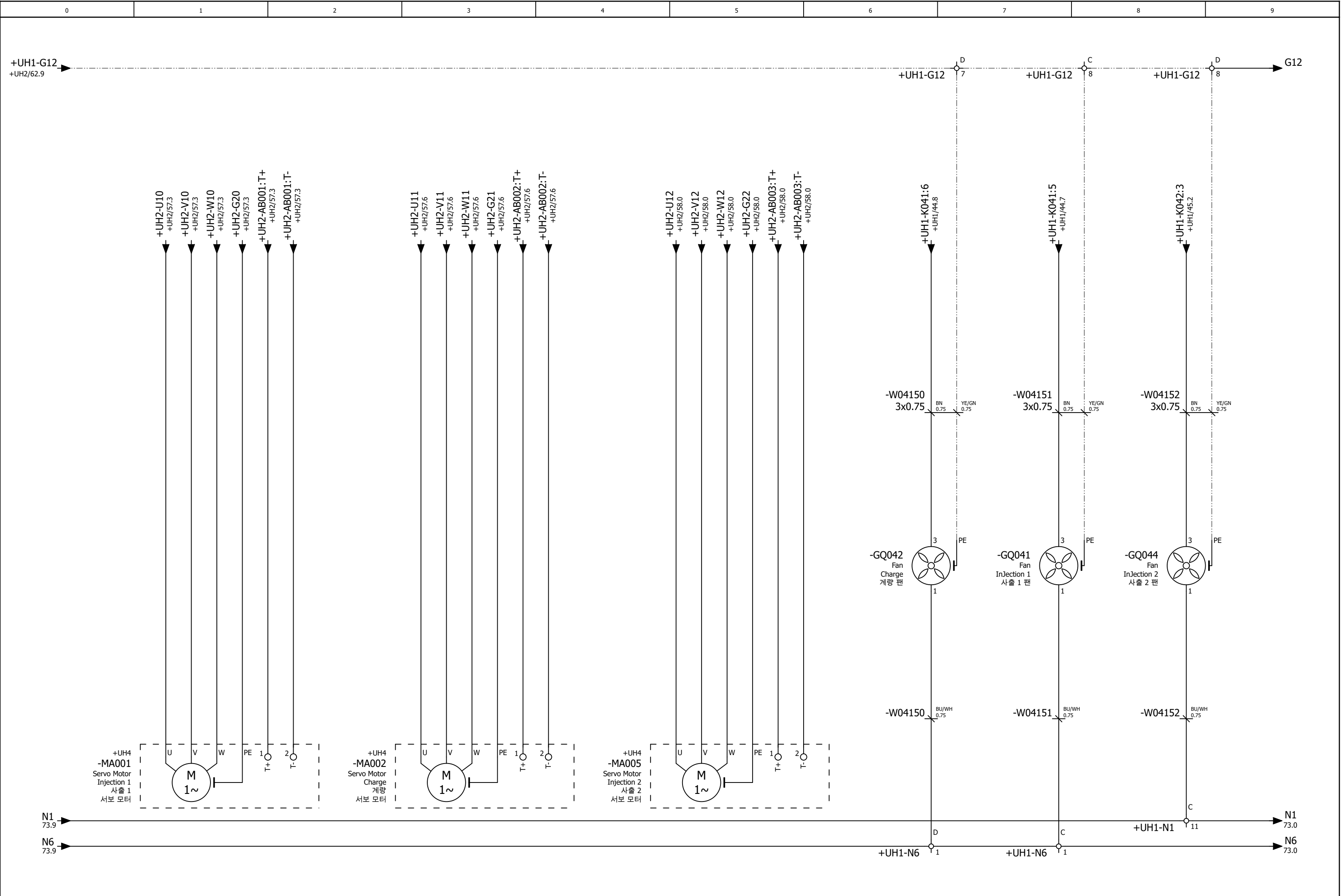
본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다. 본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

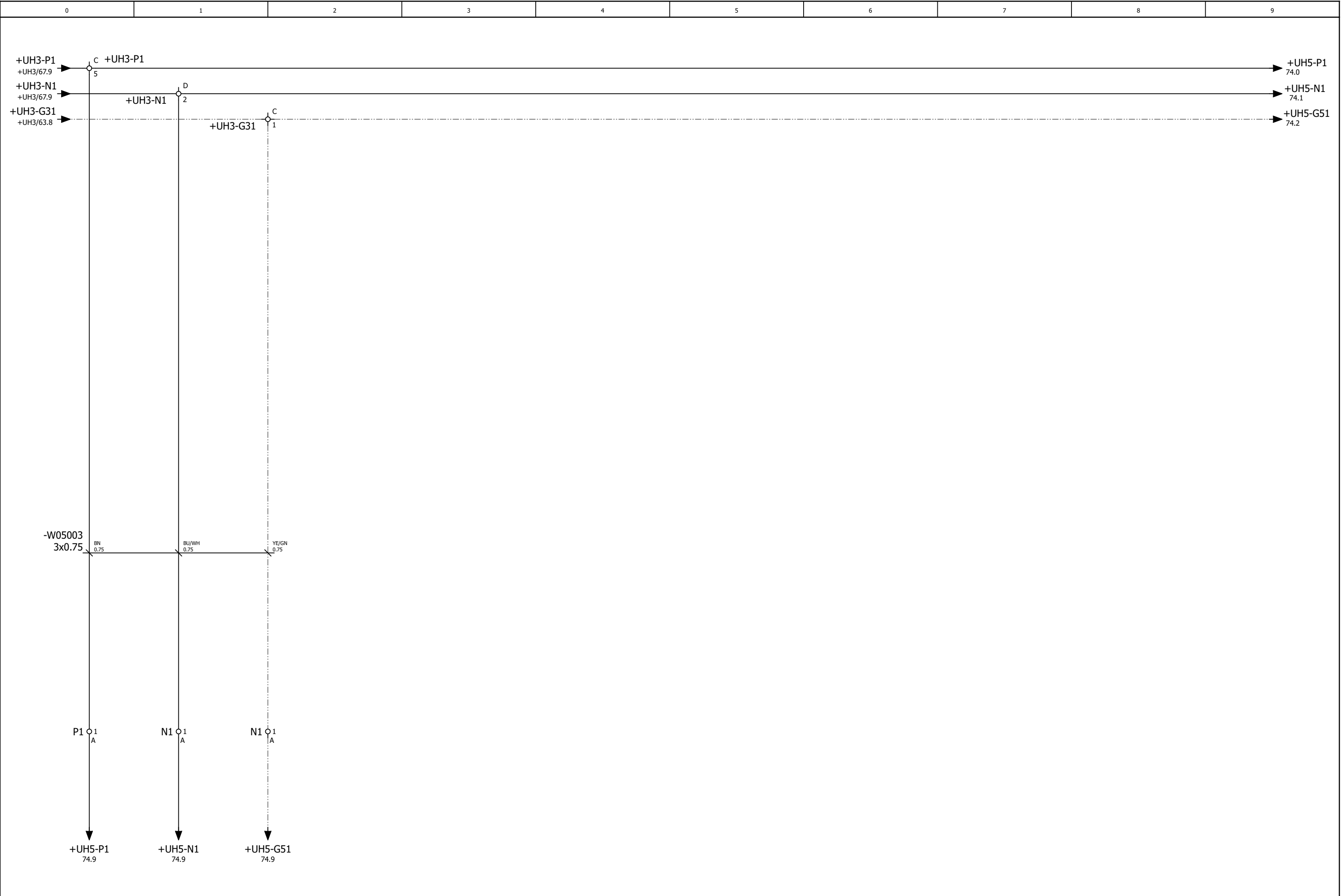
This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.



Heater 2		= STD
		+ UH4
TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)	REV.NO. 2.00	Page 71
		Page 91





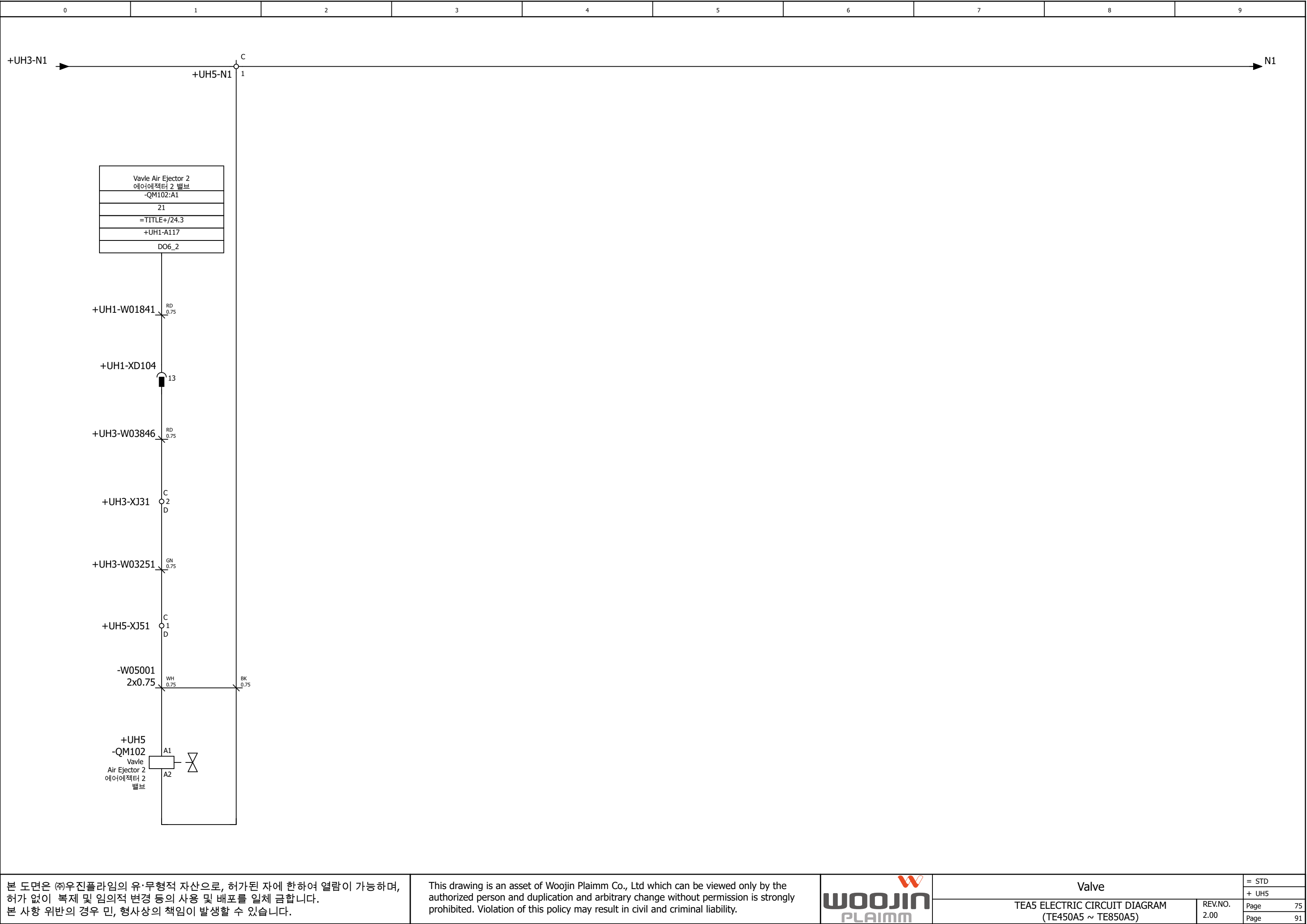


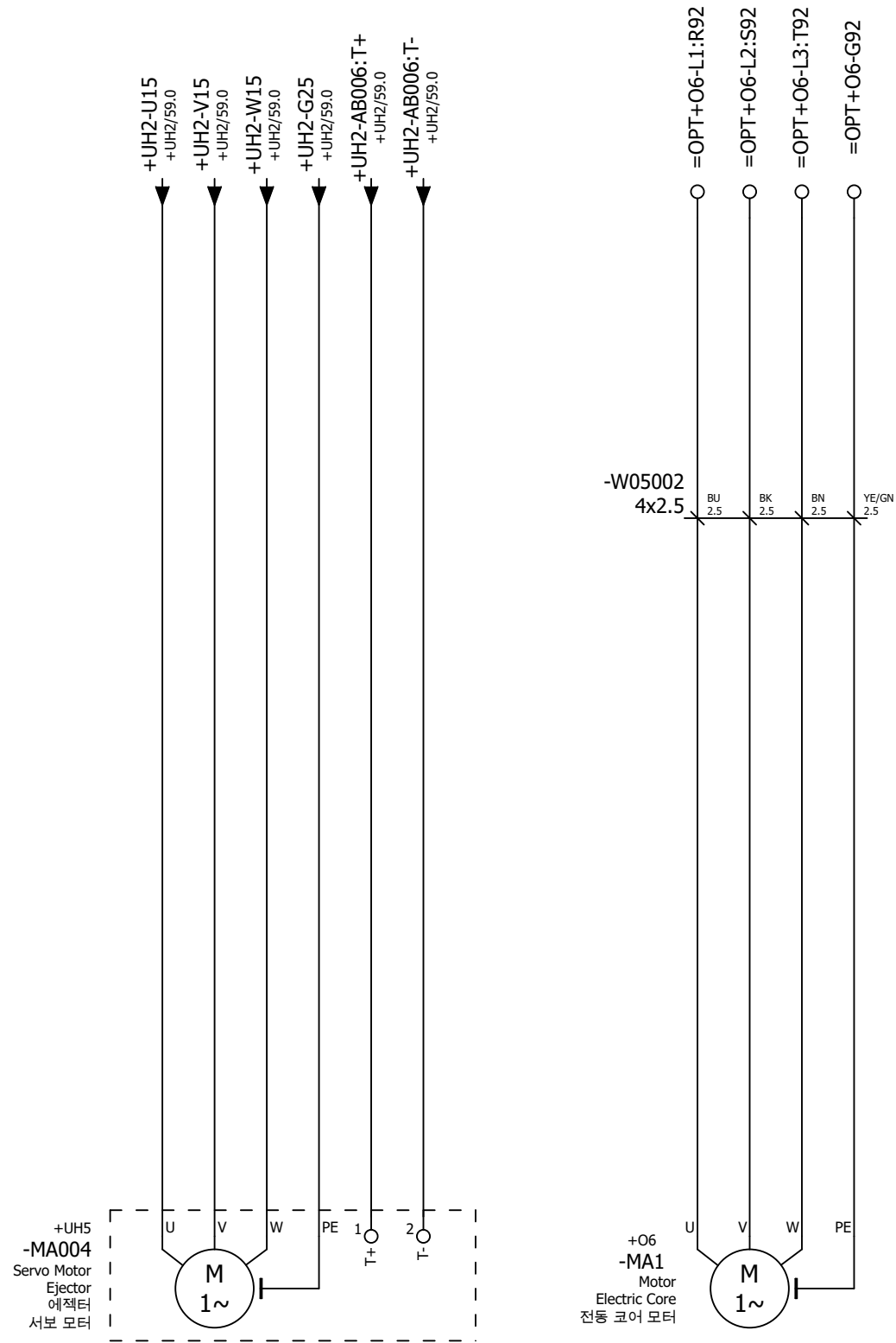
본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다.
본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

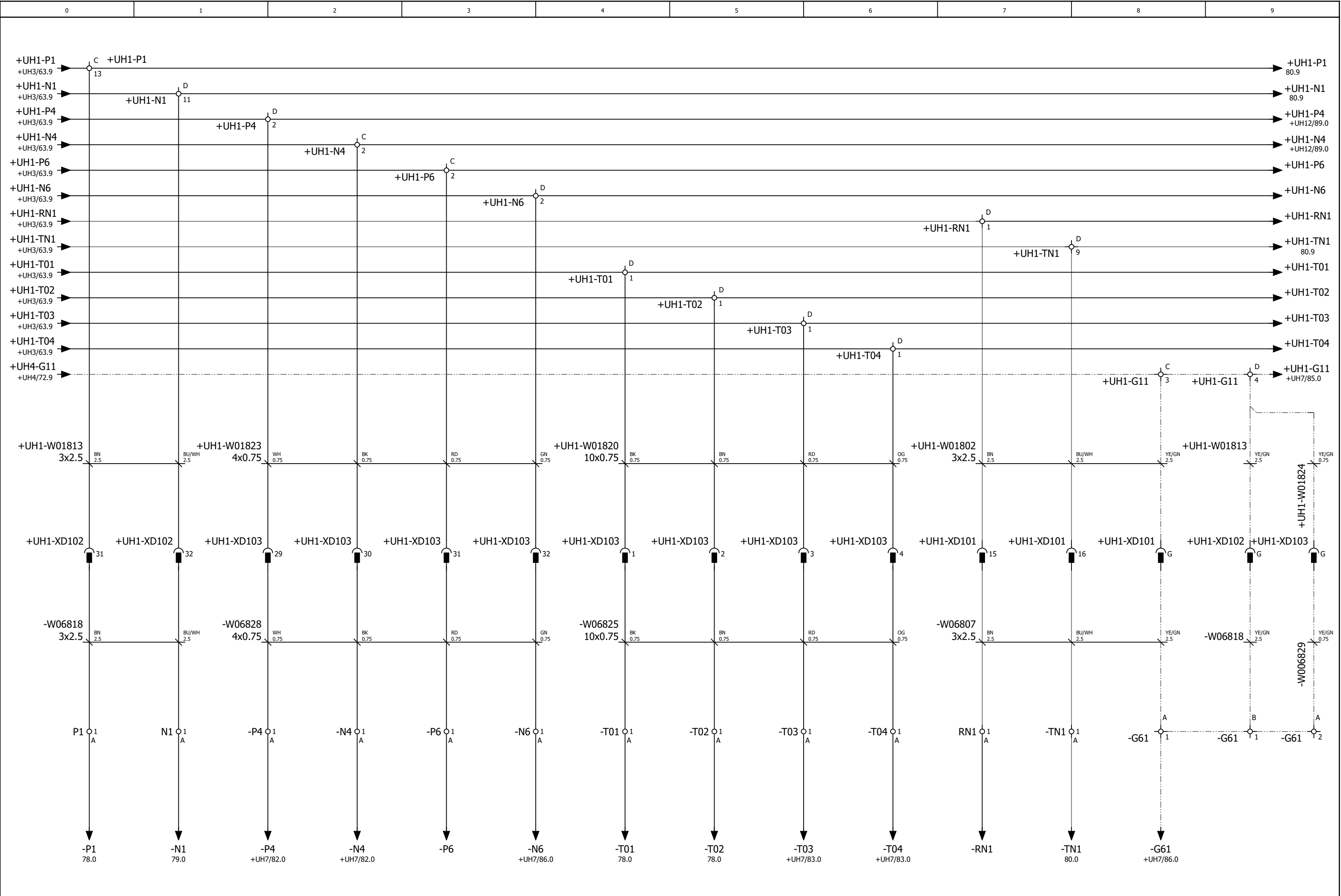
This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.



Rear Side Box Connector Power		= STD
		+ UH5
TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)	REV.NO. 2.00	Page 74 Page 91





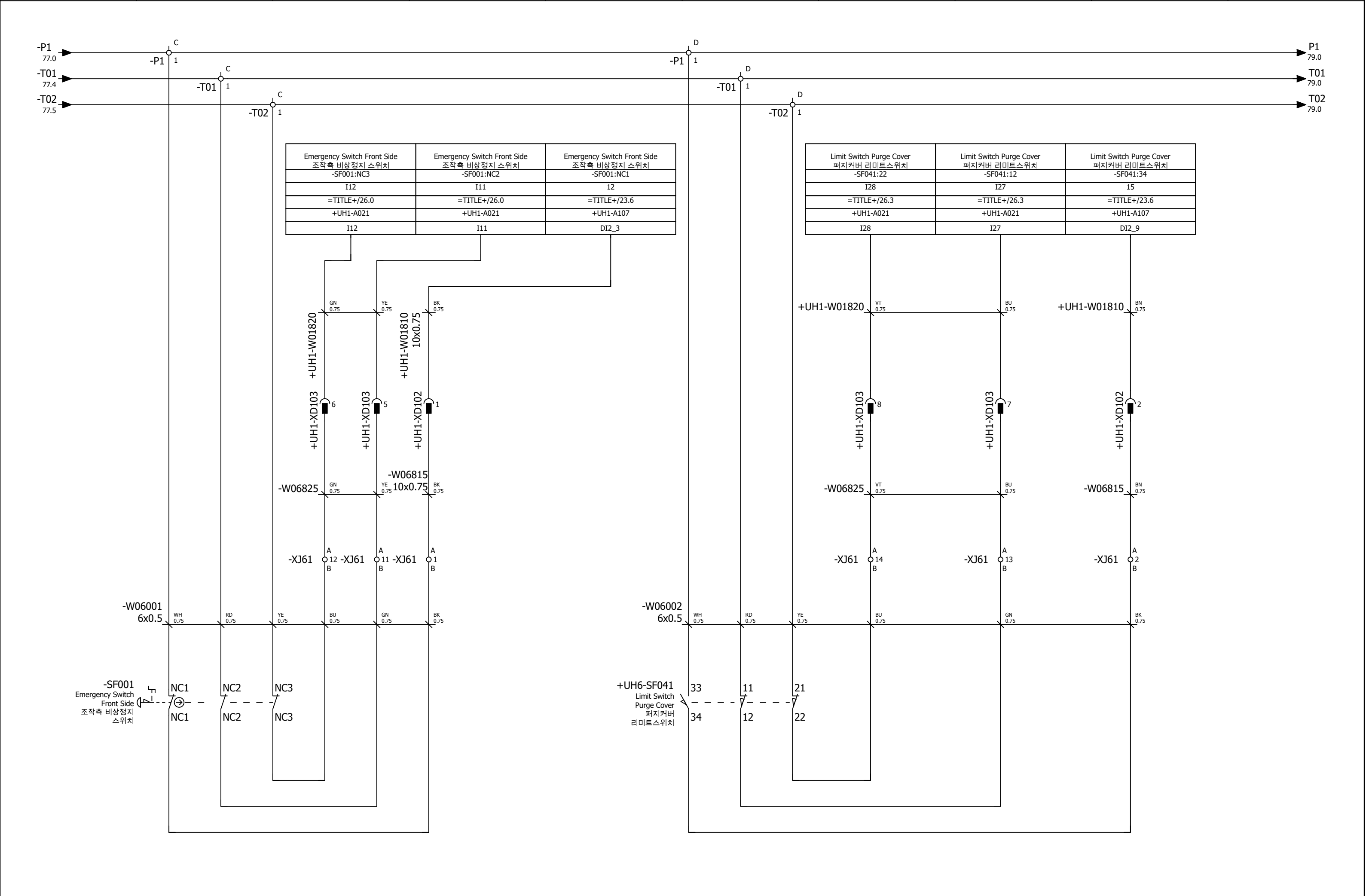


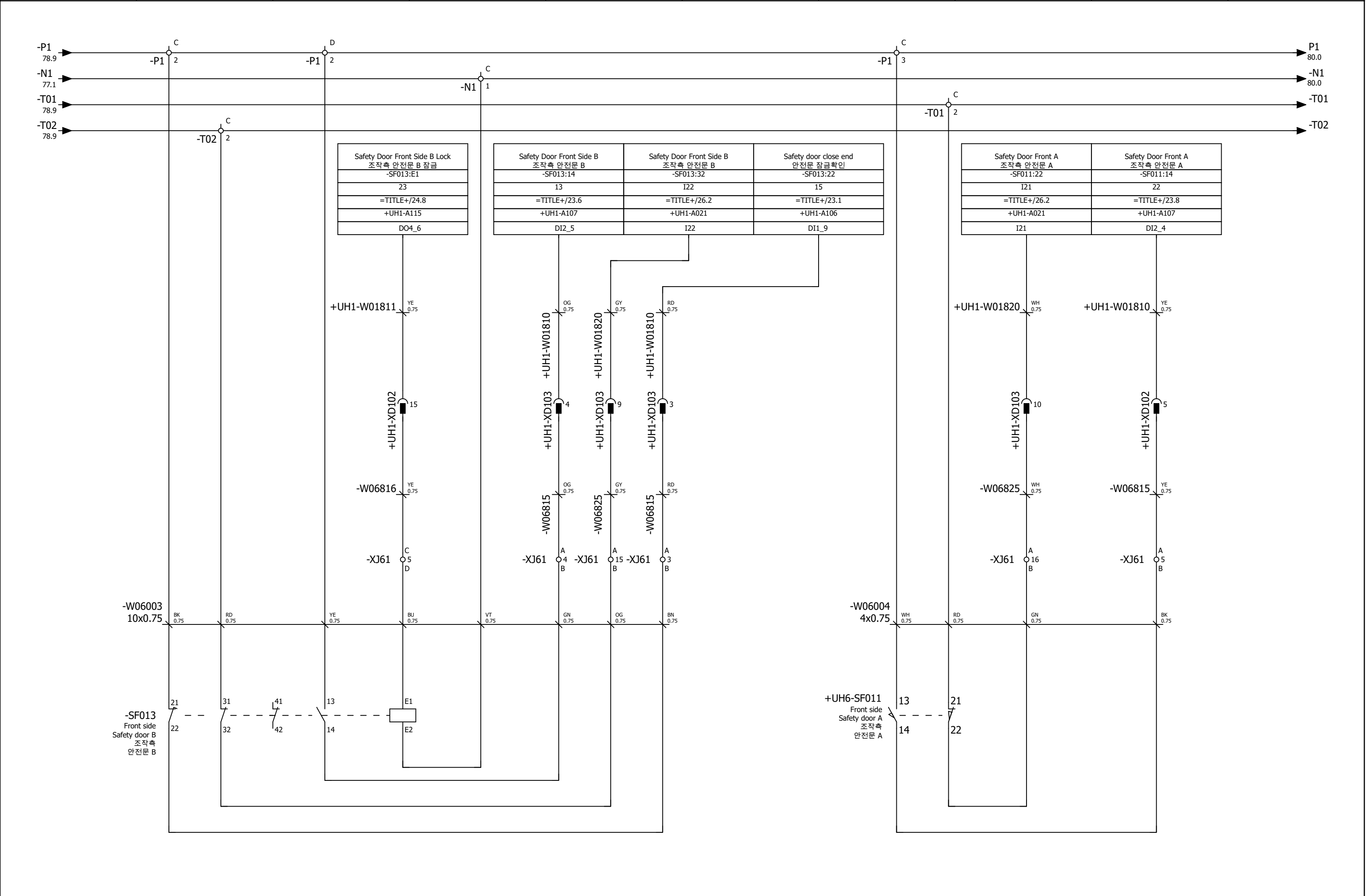
본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다. 본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

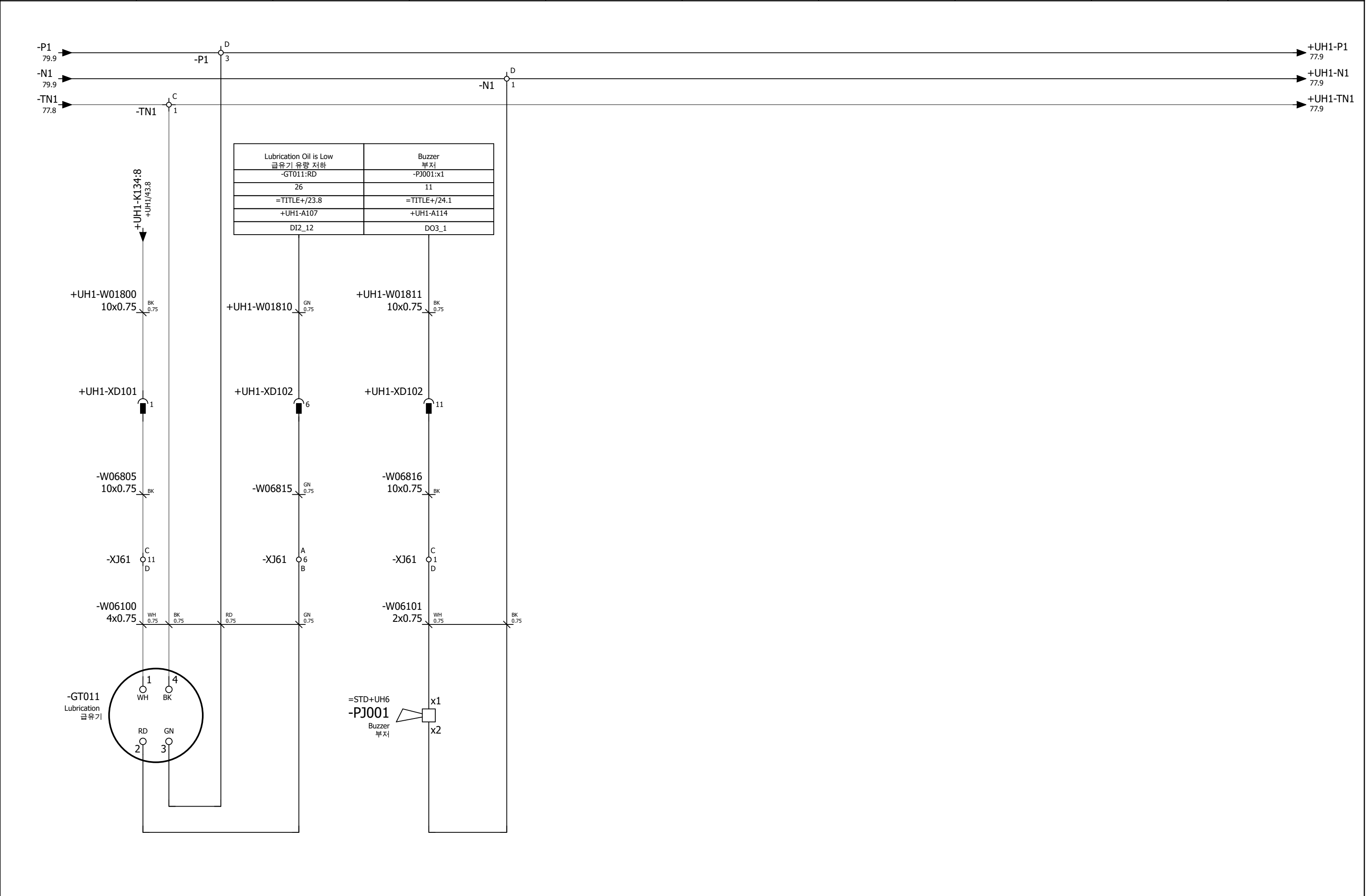
This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.

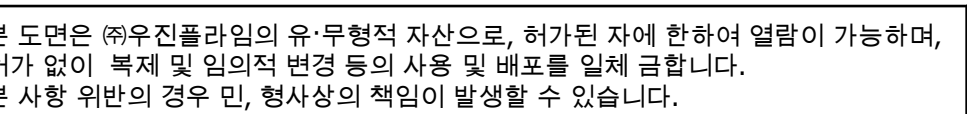


Rear Side Box Connector Power		= STD
TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)		+ UH6
REV.NO. 2.00	Page 77	Page 91

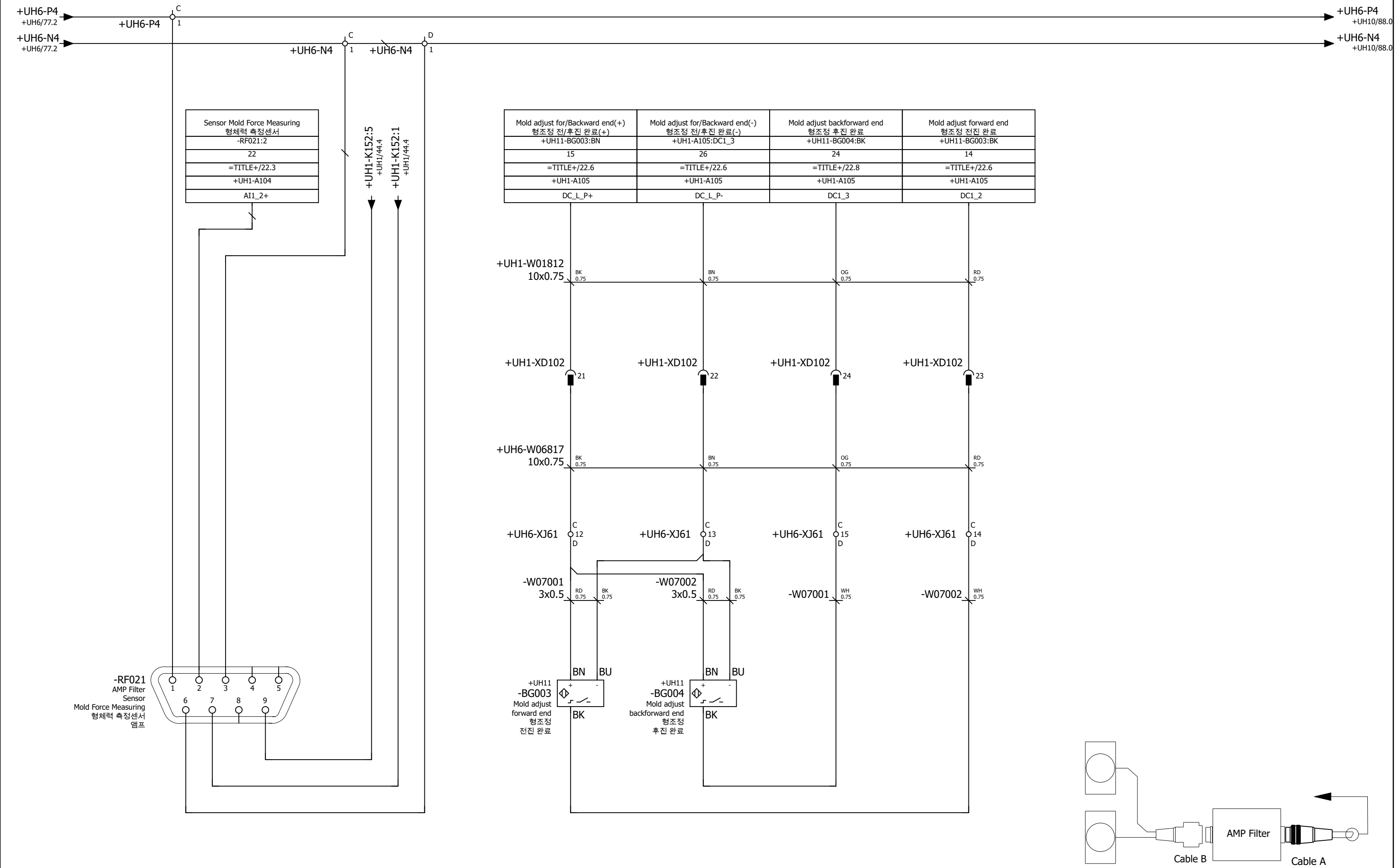


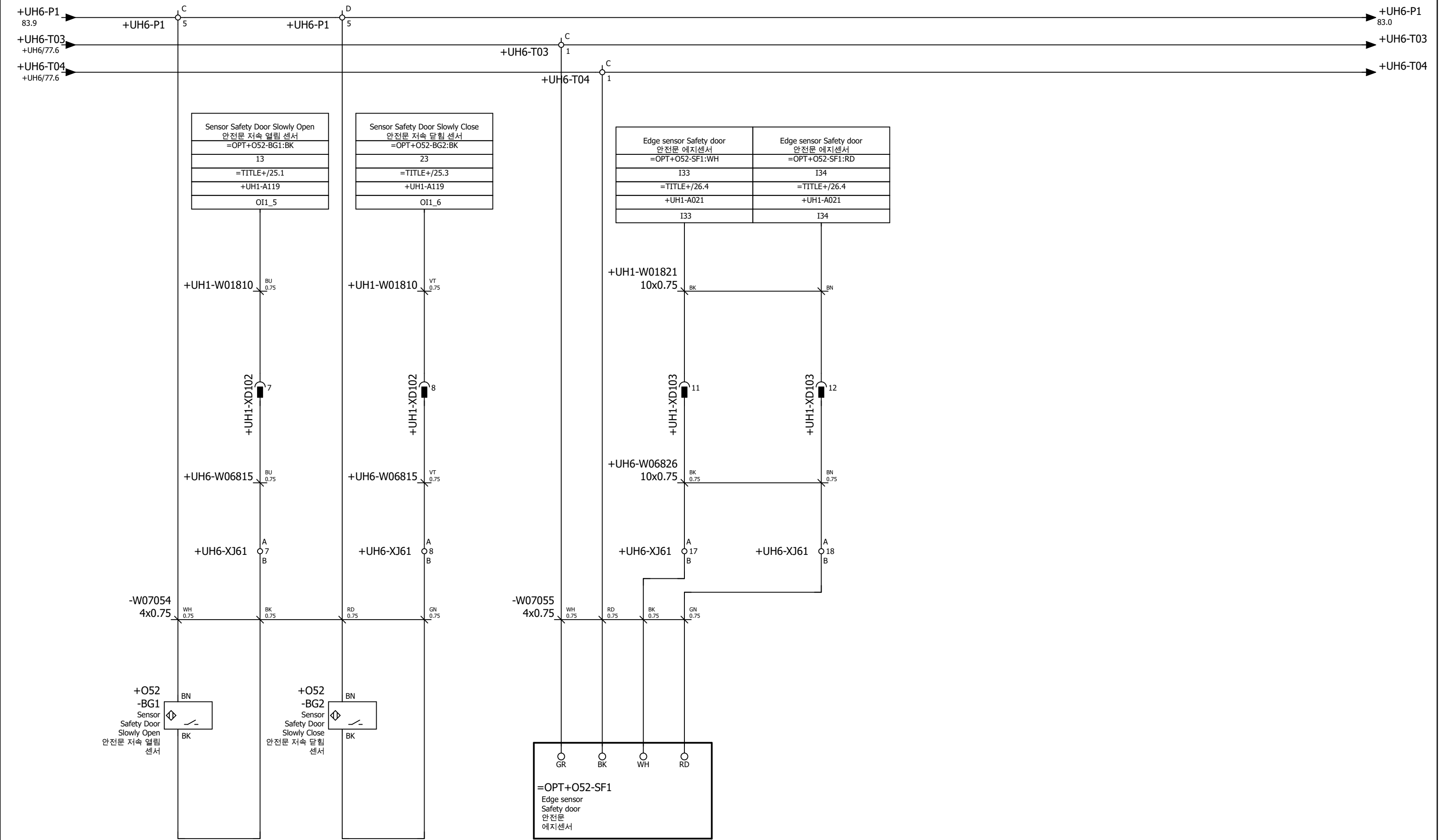


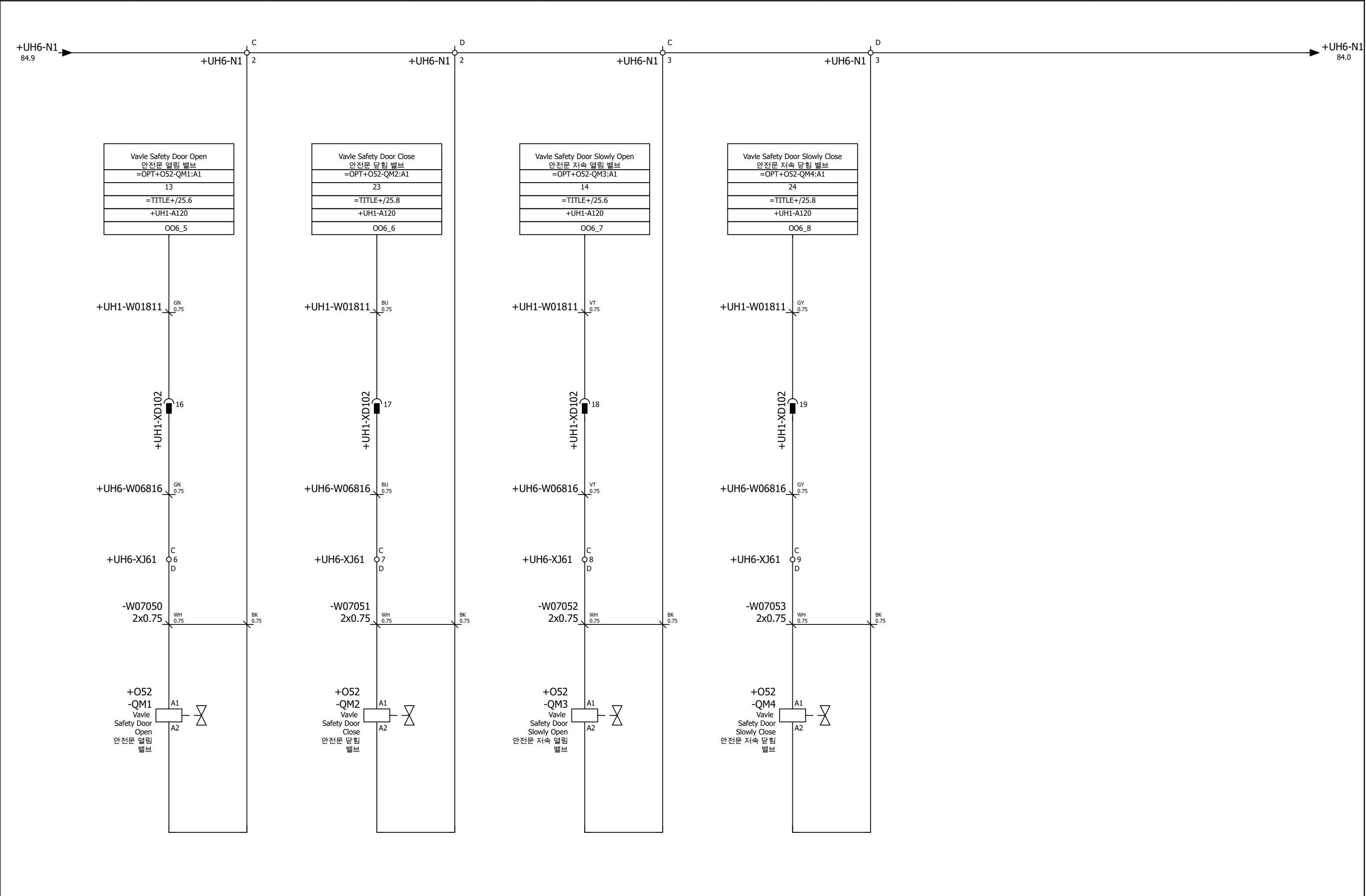


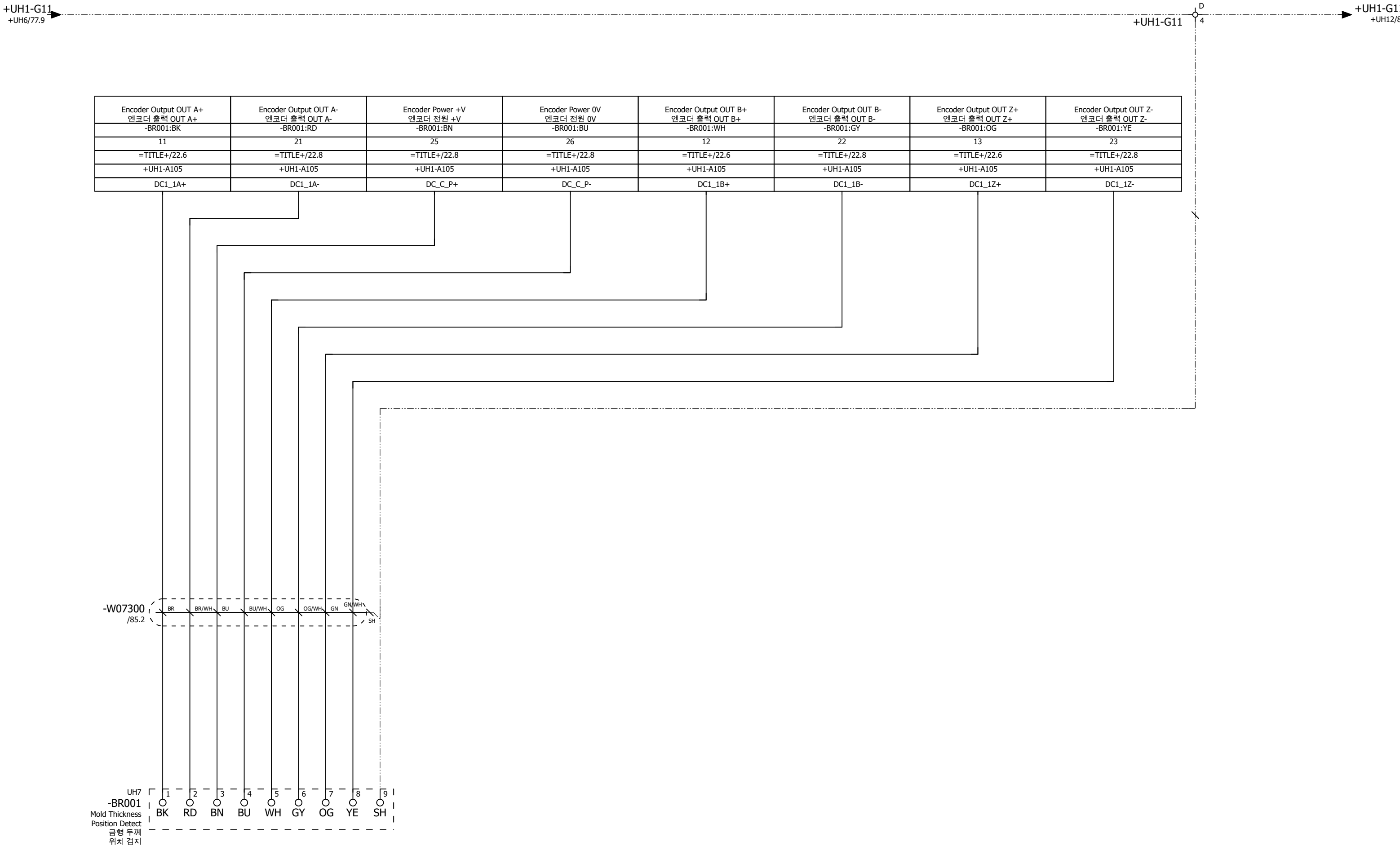


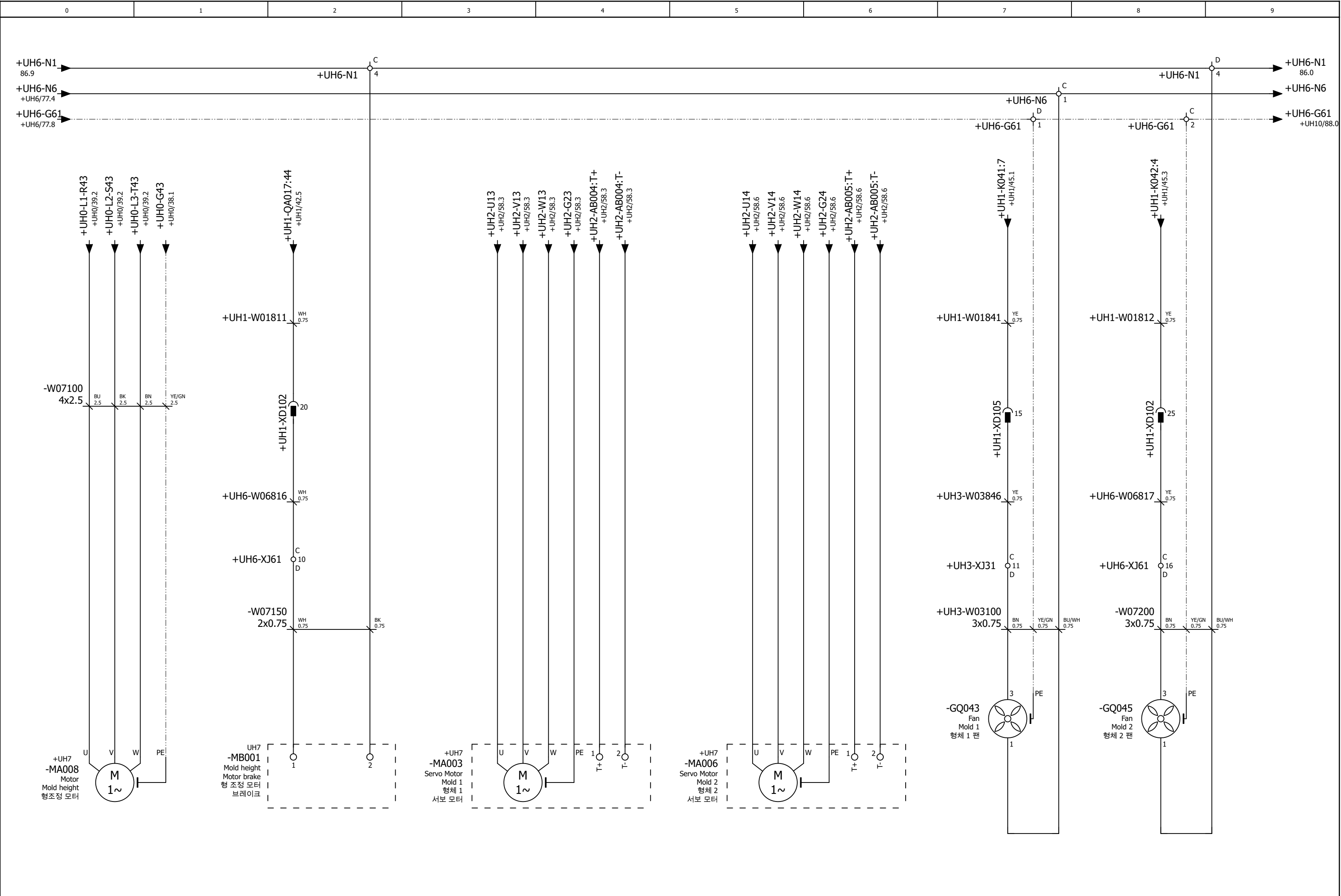
woojin
PLAZA











본 도면은 ㈜우진플라임의 유·무형적 자산으로, 허가된 자에 한하여 열람이 가능하며, 허가 없이 복제 및 임의적 변경 등의 사용 및 배포를 일체 금합니다. 본 사항 위반의 경우 민, 형사상의 책임이 발생할 수 있습니다.

This drawing is an asset of Woojin Plaimm Co., Ltd which can be viewed only by the authorized person and duplication and arbitrary change without permission is strongly prohibited. Violation of this policy may result in civil and criminal liability.



Motor & Motor Fan		= STD
		+ UH7
TEA5 ELECTRIC CIRCUIT DIAGRAM (TE450A5 ~ TE850A5)	REV.NO. 2.00	Page 86
		Page 91

