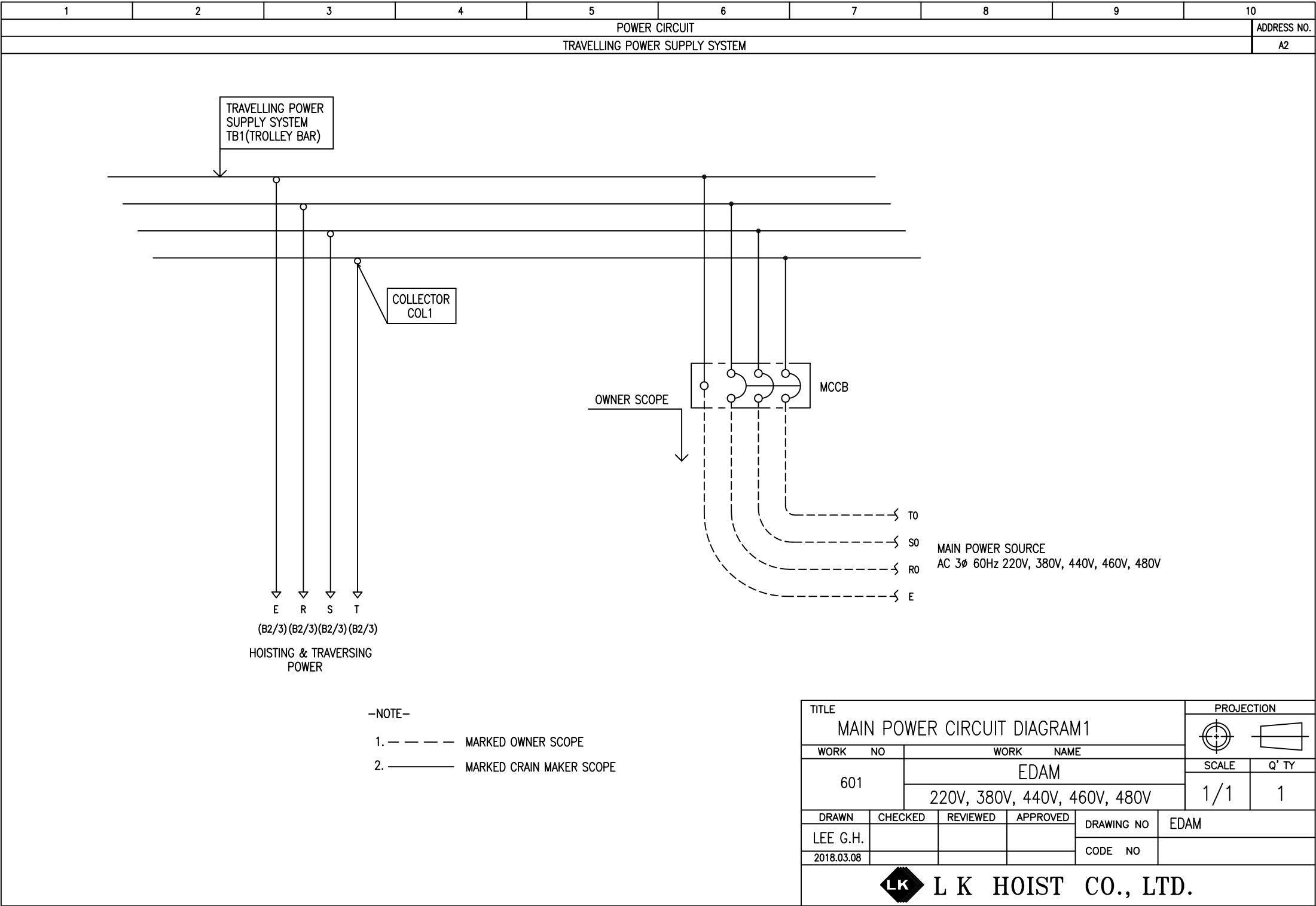
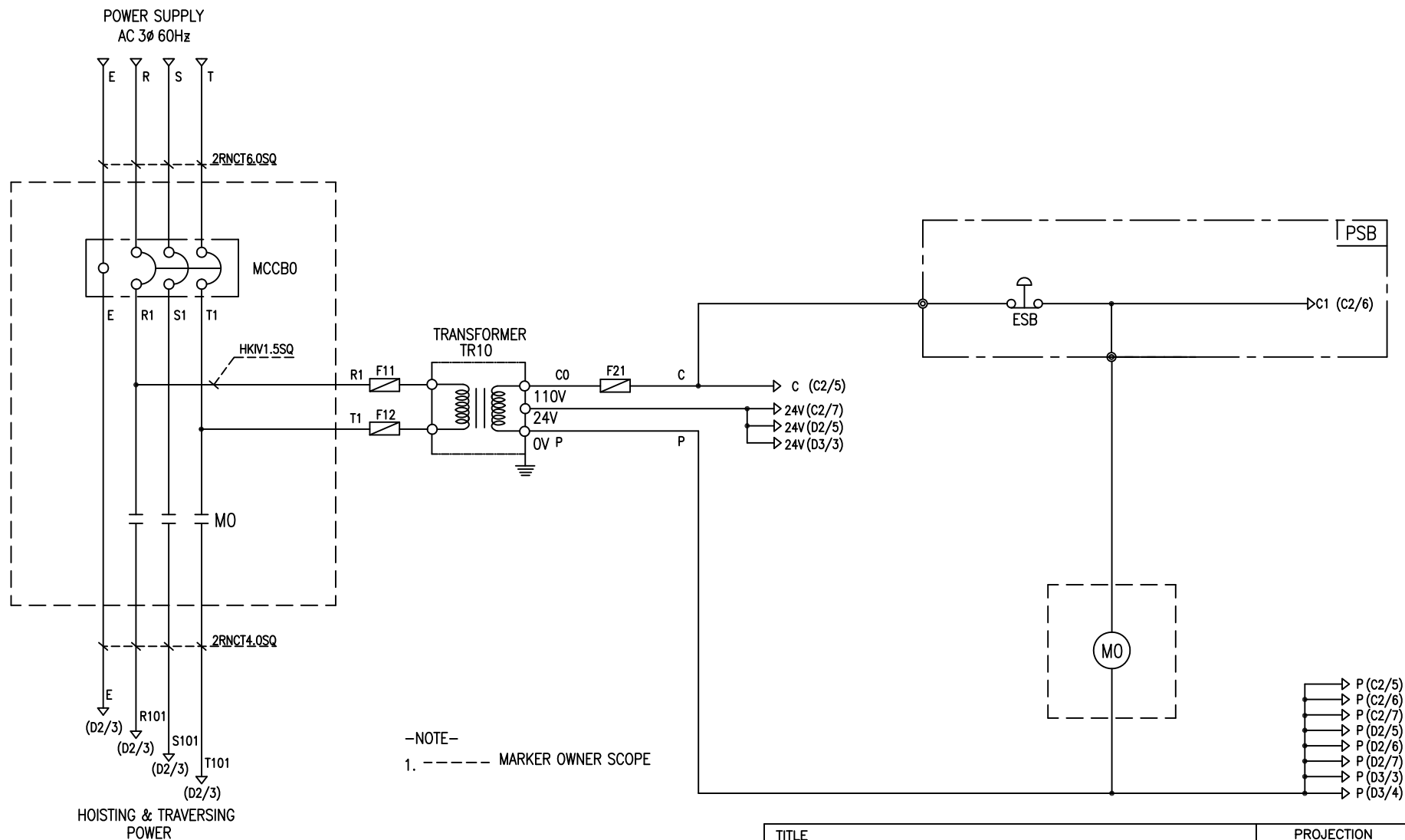
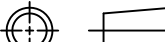




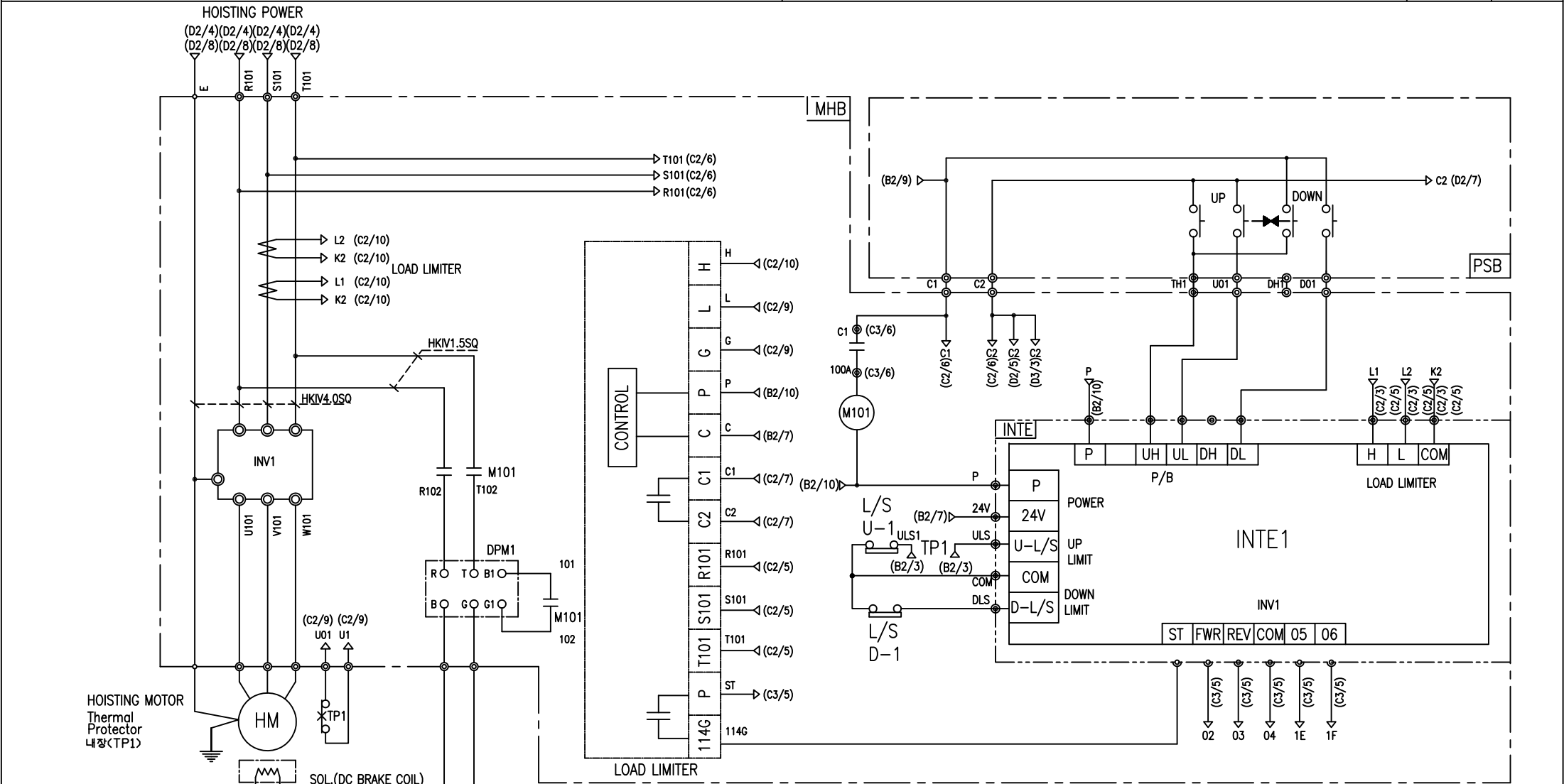
1	2	3	4	5	6	7	8	9	10		
POWER CIRCUIT					CONTROL CIRCUIT					ADDRESS NO.	B2



SPECIFICATION	NO FUSE BREAKER		MAGNET CONTACT		TRANSFORMER	FUSE
SYMBOLS	MCCB0		M0		TR10	F11, F12, F21
DESCRIPTION	220V	50A	GMC22	DMC-22	40VA	1A
	380V	30A				
	440V	20A				
	460V	20A				
	480V	20A				
MAKER	LS		LS	DONGA	LK	-

TITLE					PROJECTION	
MAIN POWER & CONTROL CIRCUIT DIAGRAM						
WORK	NO	WORK			NAME	
602		EDAM			SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V			1/1	1
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	EDAM	
LEE.G.H				CODE	NO	
2018.03.08						


L K HOIST CO., LTD.



-NOTE-
1. : Mechanical Interlock

SPECIFICATION	MAGNET CONTACT	LOAD LIMITER	SILICON RECTIFIER				Thermal Protector	HOIST MOTOR
SYMBOLS	M101	-	DPM1				TP1	HM
DESCRIPTION	DMC25C	LKDL-80	AC220V	AC380V	AC440V	AC460V	AC480V	17AM032
			DC99V	DC171V	DC198V	DC207V	DC216V	
MAKER	DONG-A	LK	LK				Texas Instruments	LK

TITLE

HOIST POWER & CONTROL CIRCUIT DIAGRAM

WORK NO

603

WORK NAME

EDAM

220V, 380V, 440V, 460V, 480V

PROJECTION

SCALE

1/1

Q' TY

1

DRAWN

LEE.G.H

2018.03.08

CHECKED

REVIEWED

APPROVED

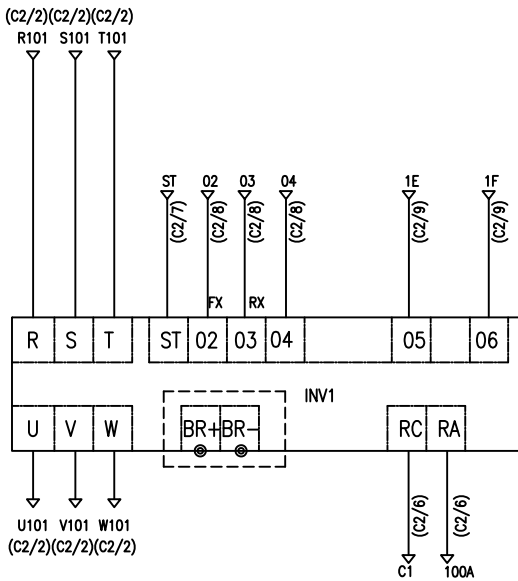
MODEL

EDAM

CODE NO

L K HOIST CO., LTD.

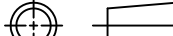
1	2	3	4	5	6	7	8	9	10	
HOIST CONTROL CIRCUIT									ADDRESS NO.	C3

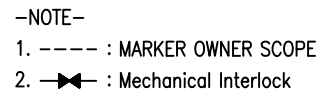


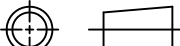
-NOTE-

1. ---- : OPTION SCOPE

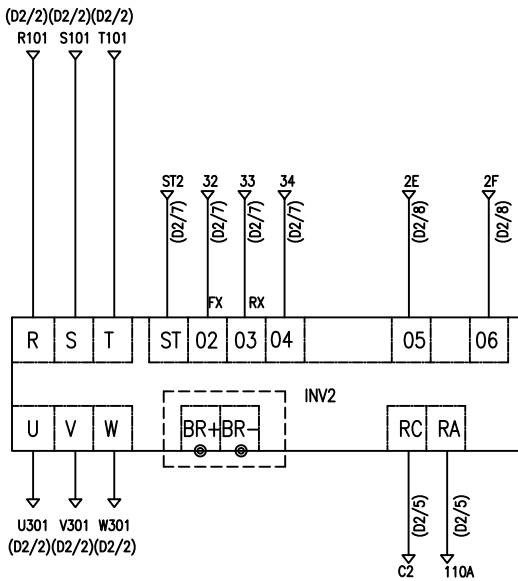
SPECIFICATION	INVERTER	BRAKING RESISTOR
SYMBOLS	INV1	BR
DESCRIPTION	3.7KW	400W 150 OHM
MAKER	ROCKWELL or LS	—

TITLE				INVERTER CONTROL CIRCUIT DIAGRAM		(D17/8)		PROJECTION	
WORK NO		WORK NAME							
604		HOISTING				SCALE		Q' TY	
		220V, 380V, 440V, 460V, 480V				1/1		1	
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL		EDAM			
LEE.G.H				CODE NO					
2018.03.08									
 L K HOIST CO., LTD.									



TITLE					PROJECTION	
CONNECTION DIAGRAM						
WORK NO		WORK NAME				
605		EDAM			SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V				
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	EDAM	
LEE.G.H				CODE NO	CODE_NO	
2018.03.08						
 L K HOIST CO., LTD.						

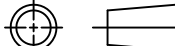
1	2	3	4	5	6	7	8	9	10	
TRAVERSING CONTROL CIRCUIT									ADDRESS NO.	D3



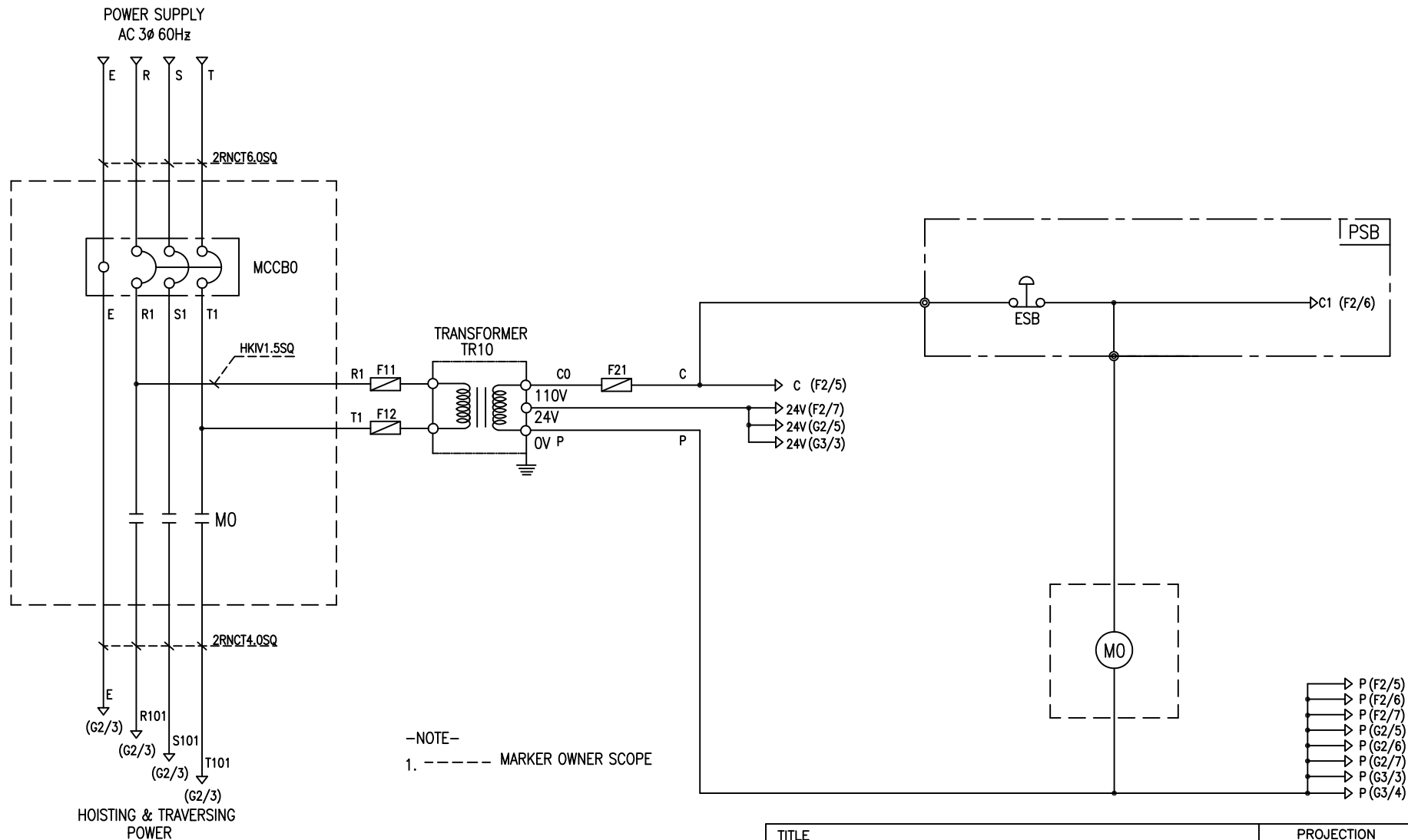
-NOTE-

1. ---- : OPTION SCOPE

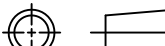
SPECIFICATION	INVERTER	BRAKING RESISTOR
SYMBOLS	INV2	BR
DESCRIPTION	0.75KW	80W 750 OHM
MAKER	ROCKWELL or LS	—

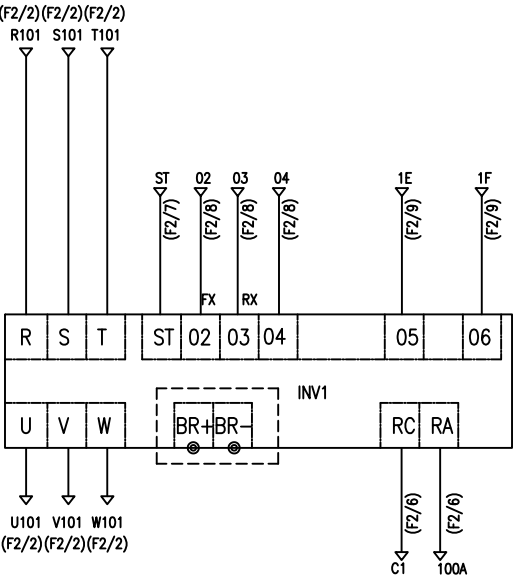
TITLE					(01/6)		PROJECTION	
INVERTER CONTROL CIRCUIT DIAGRAM								
WORK NO		WORK NAME						
606		TRAVERSING					SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V					1/1	1
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL		EDAM		
LEE.G.H				CODE NO				
2018.03.08								
 L K HOIST CO., LTD.								

1	2	3	4	5	6	7	8	9	10		
POWER CIRCUIT					CONTROL CIRCUIT					ADDRESS NO.	E2



SPECIFICATION	NO FUSE BREAKER		MAGNET CONTACT		TRANSFORMER	FUSE
SYMBOLS	MCCB0		M0		TR10	F11, F12, F21
DESCRIPTION	220V	50A	GMC22	DMC-22	40VA	1A
	380V	30A				
	440V	30A				
	460V	30A				
	480V	20A				
MAKER	LS		LS	DONGA	LK	-

TITLE					PROJECTION	
MAIN POWER & CONTROL CIRCUIT DIAGRAM						
WORK	NO	WORK NAME				
607		EDAM			SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V			1/1	1
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	EDAM	
LEE.G.H				CODE NO		
2018.03.08						
 L K HOIST CO., LTD.						

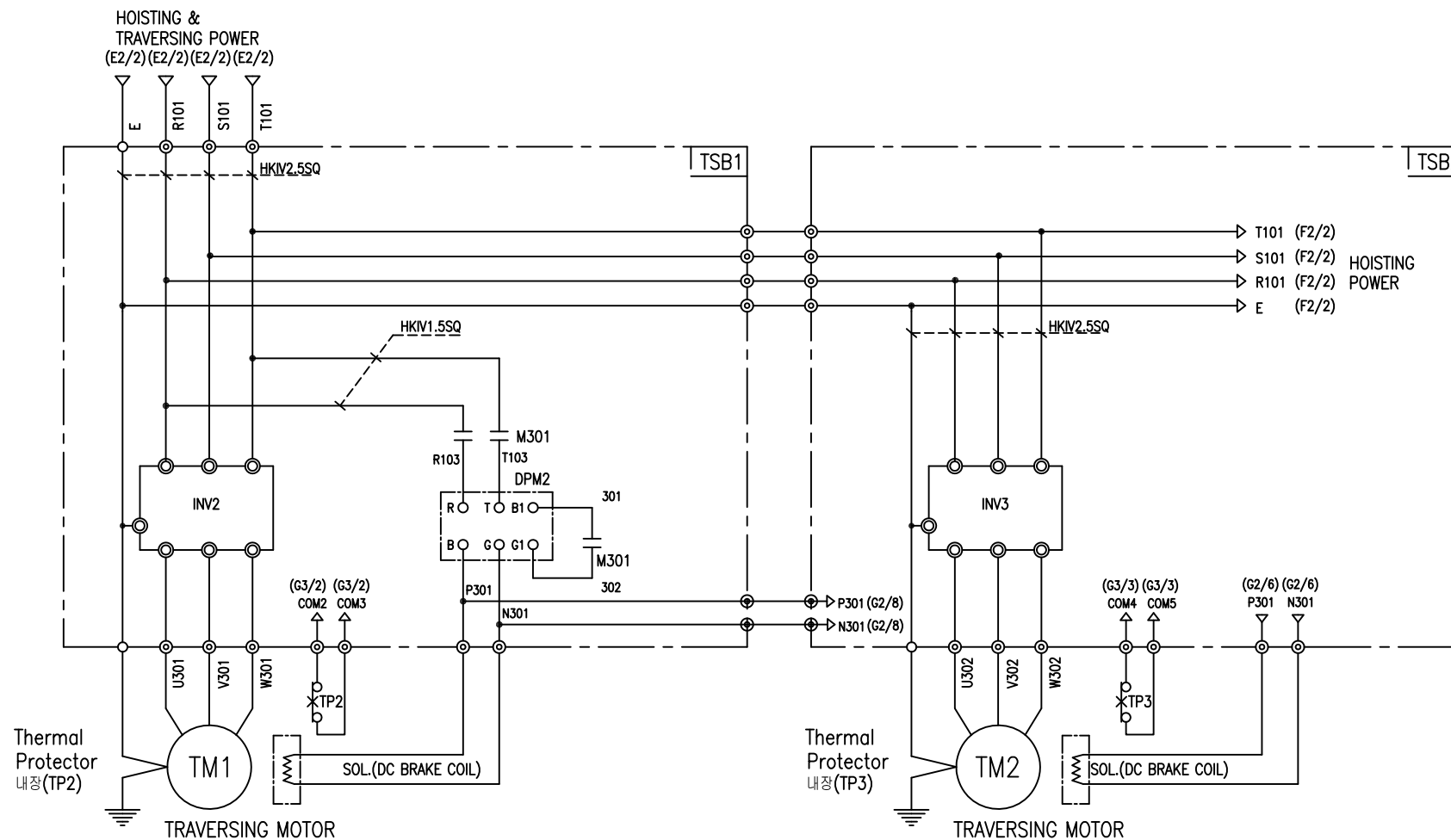


—NOTE—
1. ----- : OPTION SCOPE

SPECIFICATION	INVERTER	BRAKING RESISTOR
SYMBOLS	INV1	BR
DESCRIPTION	3.7KW	400W 150 OHM
MAKER	ROCKWELL or LS	—

TITLE						(D1/6) PROJECTION	
INVERTER CONTROL CIRCUIT DIAGRAM							
WORK NO		WORK NAME				SCALE	
609		HOISTING				Q' TY	
		220V, 380V, 440V, 460V, 480V				1/1 1	
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL		EDAM	
LEE.G.H				CODE NO			
2018.03.08							
L K HOIST CO., LTD.							

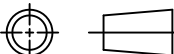
	ADDRESS NO.
	G2



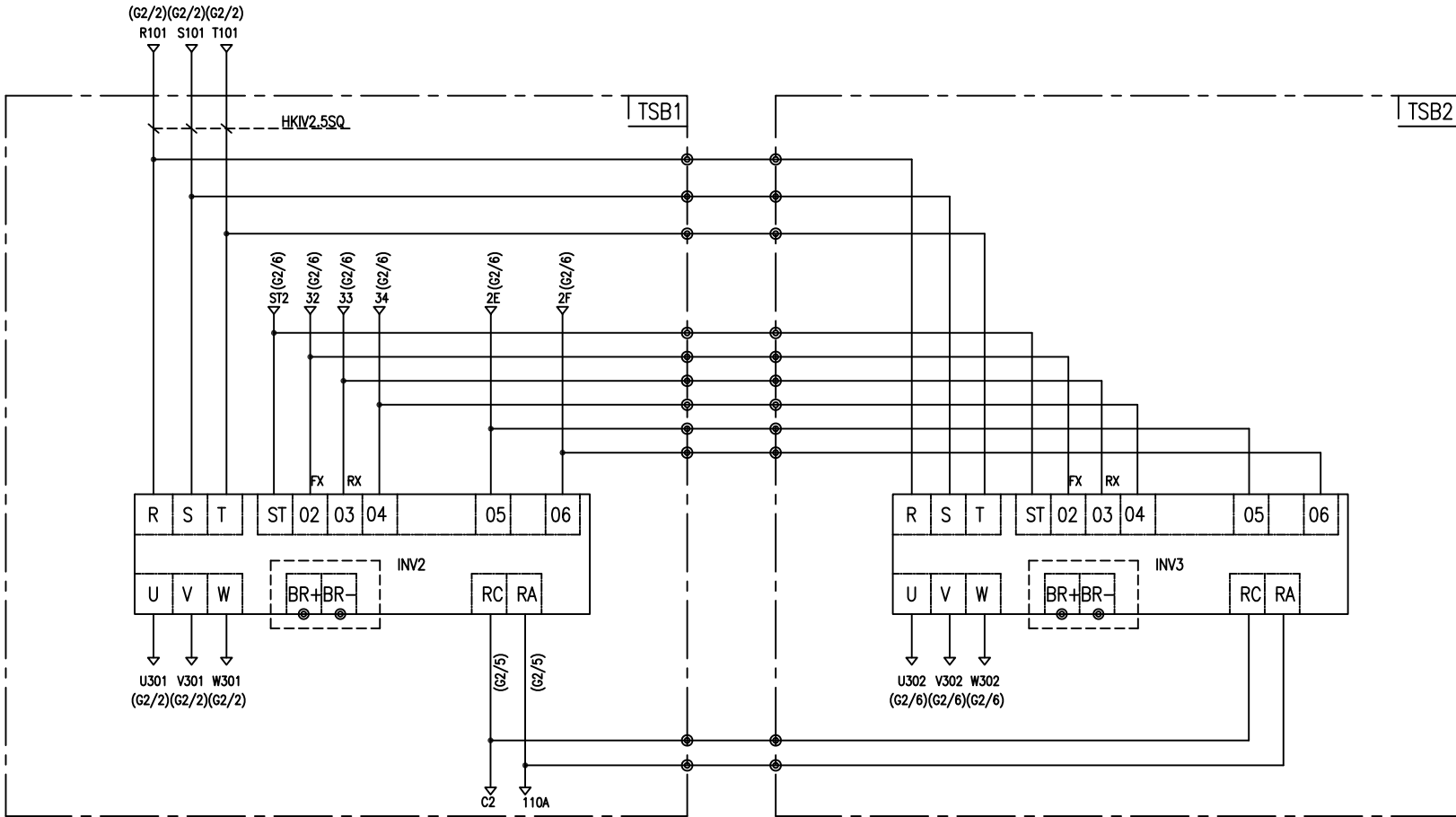
-NOTE-

1. ---- : MARKER OWNER SCOPE
2. —— : Mechanical Interlock

SPECIFICATION	MAGNET CONTACT	SILICON RECTIFIER					Thermal Protector	HOIST MOTOR
SYMBOLS	M301, M302	DPM2					TP2, TP3	TM
DESCRIPTION	DMC12b	AC220V	AC380V	AC440V	AC460V	AC480V	17AM032	0.75Kw * 4P
		DC99V	DC171V	DC198V	DC207V	DC216V		0.4Kw * 6P
MAKER	DONG—A	LK					Texas Instruments	LK

TITLE				PROJECTION	
CONNECTION DIAGRAM					
WORK	NO	WORK NAME			
610		EDAM			
		220V, 380V, 440V, 460V, 480V			
		SCALE		Q' TY	
DRAWN	CHECKED	REVISED	APPROVED	MODEL	EDAM
LEE.G.H				CODE NO	CODE_NO
2018.03.08					
 L K HOIST CO., LTD.					

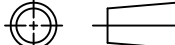
1	2	3	4	5	6	7	8	9	10	
TRAVERSING CONTROL CIRCUIT									ADDRESS NO.	G4



-NOTE-

1. ----- : OPTION SCOPE

SPECIFICATION	INVERTER	BRAKING RESISTOR
SYMBOLS	INV2, INV3	BR
DESCRIPTION	0.75KW	80W 750 OHM
MAKER	ROCKWELL or LS	—

TITLE				INVERTER CONTROL CIRCUIT DIAGRAM		(D176) PROJECTION 	
WORK	NO	WORK NAME				SCALE	Q' TY
612		TRAVERSING				1/1	1
		220V, 380V, 440V, 460V, 480V					
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL		EDAM	
LEE.G.H				CODE NO			
2018.03.08							
 L K HOIST CO., LTD.							

SPECIFICATION FOR ELECTRIC MOTORS	INTERNAL IDENTIFICATION NO.	PAGE : REV :
SCHEDULE OF TECHNICAL DATA		
1. SERVICE	HOISTING	
2. MANUFACTURE	LK HOIST CO. LTD	
3. MOTOR MODEL NO	3.5 - 4 - 46	
4. RATED POWER	3.5 KW × 4 P	
5. RATED VOLTAGE AND FREQUENCY	460 V	60HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	30 MIN	
8. LOCATION	IN-DOOR , OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	80℃	
11. FULL LOAD SPEED	1740 RPM	
12. FULL LOAD CURRENT	8.2 A	
13. STARTING CURRENT AT RATED VOLTAGE	39.6 A	
14. MINIMUM STARTING VOLTAGE	414 V	
15. EFFICIENCY AT 100% RATED LOAD	73.4 %	
16. POWER FACTOR AT 100% RATED LOAD	73.0 %	
17. STARTING TORQUE	245 %	
18. TYPE OF ENCLOSURE	전폐형(IP-54)	
19. TYPE OF BEARING	PL : 6205DD OPL : 6008ZZ	
20. MOUNTING	VERTICAL	
21. MAXIMUM AMBIENT TEMPURE	40℃	
22. BEARING LUBRICATION	GREASE	
23. STARTING METHOD	FULL VOLTAGE	

SPECIFICATION FOR ELECTRIC MOTORS	INTERNAL IDENTIFICATION NO.	PAGE : REV :
SCHEDULE OF TECHNICAL DATA		
1. SERVICE	TRAVERSING	
2. MANUFACTURE	LK HOIST CO. LTD	
3. MOTOR MODEL NO	0.75 - 4 - 46	
4. RATED POWER	0.75 KW × 4 P	
5. RATED VOLTAGE AND FREQUENCY	460 V 60HZ	
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	15 MIN	
8. LOCATION	OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	100℃	
11. FULL LOAD SPEED	1670 RPM	
12. FULL LOAD CURRENT	2.3 A	
13. STARTING CURRENT AT RATED VOLTAGE	12.6 A	
14. MINIMUM STARTING VOLTAGE	414 V	
15. EFFICIENCY AT 100% RATED LOAD	65 %	
16. POWER FACTOR AT 100% RATED LOAD	63 %	
17. STARTING TORQUE	250 %	
18. TYPE OF ENCLOSURE	전폐형	
19. TYPE OF BEARING	PL : 6008DD OPL : 6207ZZ	
20. MOUNTING	VERTICAL	
21. MAXIMUM AMBIENT TEMPURE	40℃	
22. BEARING LUBRICATION	GREASE	
23. STARTING METHOD	FULL VOLTAGE	

SPECIFICATION FOR ELECTRIC MOTORS	INTERNAL IDENTIFICATION NO.	PAGE : REV :
SCHEDULE OF TECHNICAL DATA		
1. SERVICE	TRAVERSING	
2. MANUFACTURE	LK HOIST CO. LTD	
3. MOTOR MODEL NO	0.4 - 6 - 46	
4. RATED POWER	0.4 KW × 6 P	
5. RATED VOLTAGE AND FREQUENCY	460 V	60HZ
6. ROTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	15 MIN	
8. LOCATION	OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	100℃	
11. FULL LOAD SPEED	1140 RPM	
12. FULL LOAD CURRENT	1.53 A	
13. STARTING CURRENT AT RATED VOLTAGE	8.4 A	
14. MINIMUM STARTING VOLTAGE	414 V	
15. EFFICIENCY AT 100% RATED LOAD	65 %	
16. POWER FACTOR AT 100% RATED LOAD	63 %	
17. STARTING TORQUE	249 %	
18. TYPE OF ENCLOSURE	전폐형	
19. TYPE OF BEARING	PL : 6008DD OPL : 6207ZZ	
20. MOUNTING	VERTICAL	
21. MAXIMUM AMBIENT TEMPERATURE	40℃	
22. BEARING LUBRICATION	GREASE	
23. STARTING METHOD	FULL VOLTAGE	