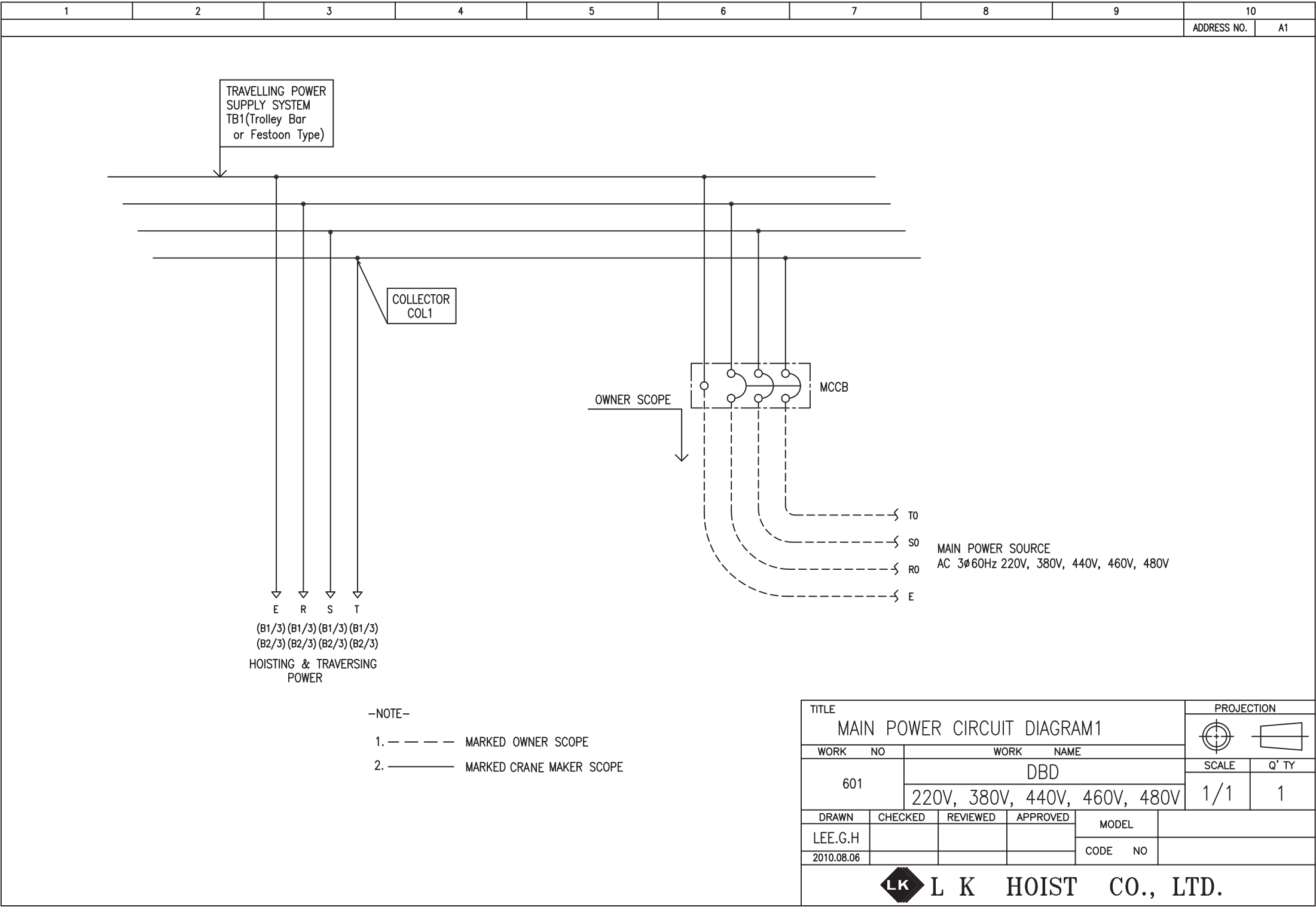
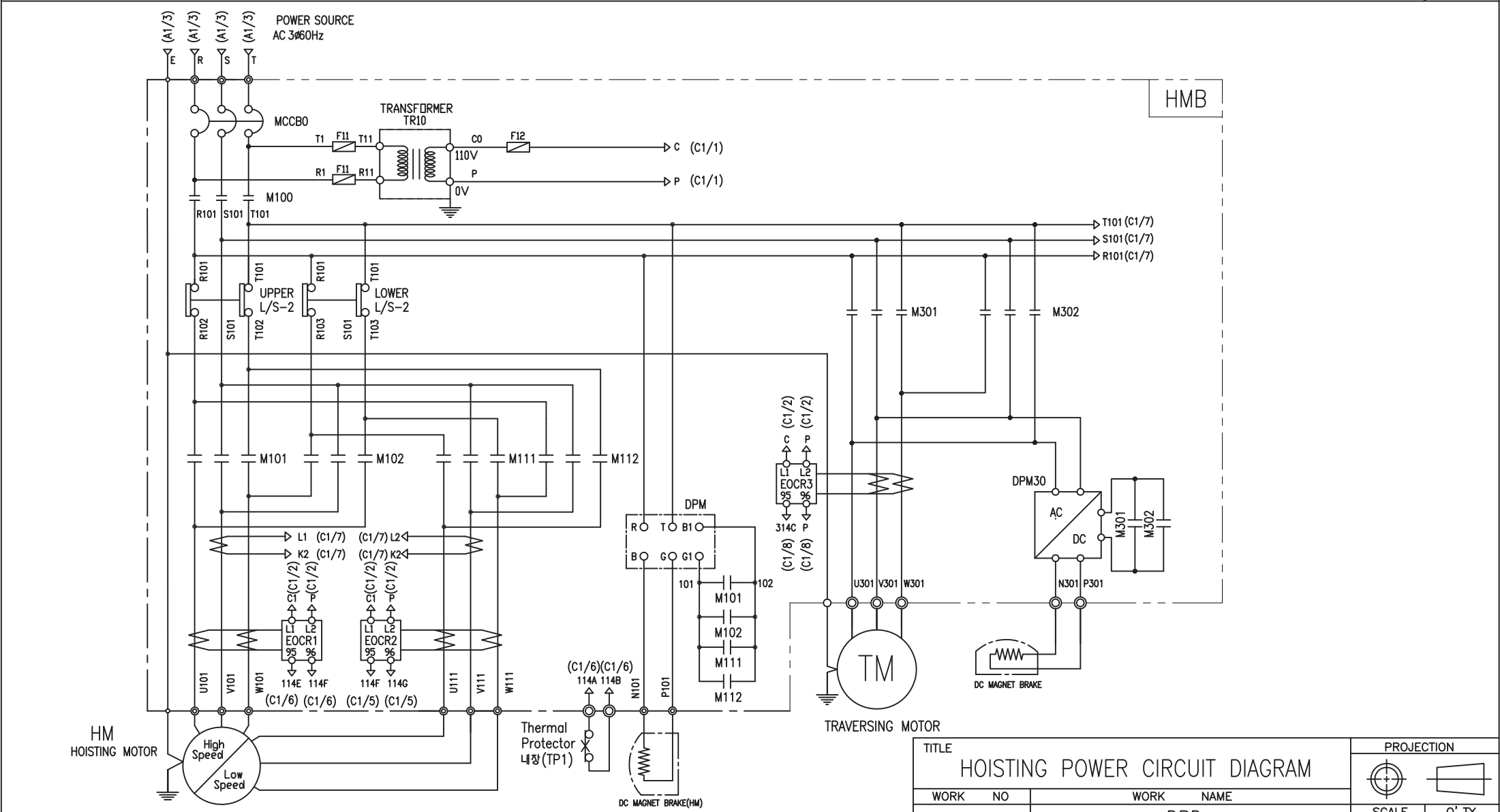






SPECIFICATION	NO FUSE BREAKER		MAGNET CONTACTOR			TRANSFORMER	SILICON RECTIFIER				과전류계전기		FUSE		HOISTING MOTOR	TRAVERSING MOTOR
SYMBOLS	MCCB0		M100	M101,M102 M111, M112	M301,M302	TR10	DPM, DPM30				EOCR1 EOCR2	EOCR3	F11	F12	HM	TM
DESCRIPTION	220V	40A	DMC22	DMC32	DMC12	60 VA	AC220V	AC440V	AC460V	AC480V	SS-30	SS-06	1A	2A	4.4Kw x 2P / 2.2Kw x 6P	0.75Kw * 4P 0.5Kw * 6P
	440V	30A					DC99V	DC198V	DC207V	DC216V						
	460V	30A														
	480V	30A														
MAKER	LS		DONGA			YOUNG DONG	LK				SAMWHA		—		LK	LK

TITLE
HOISTING POWER CIRCUIT DIAGRAM

WORK NO
602

WORK NAME
DBD
220V, 440V, 460V, 480V

PROJECTION
SCALE
Q' TY

DRAWN
LEE.G.H

CHECKED

REVIEWED

APPROVED

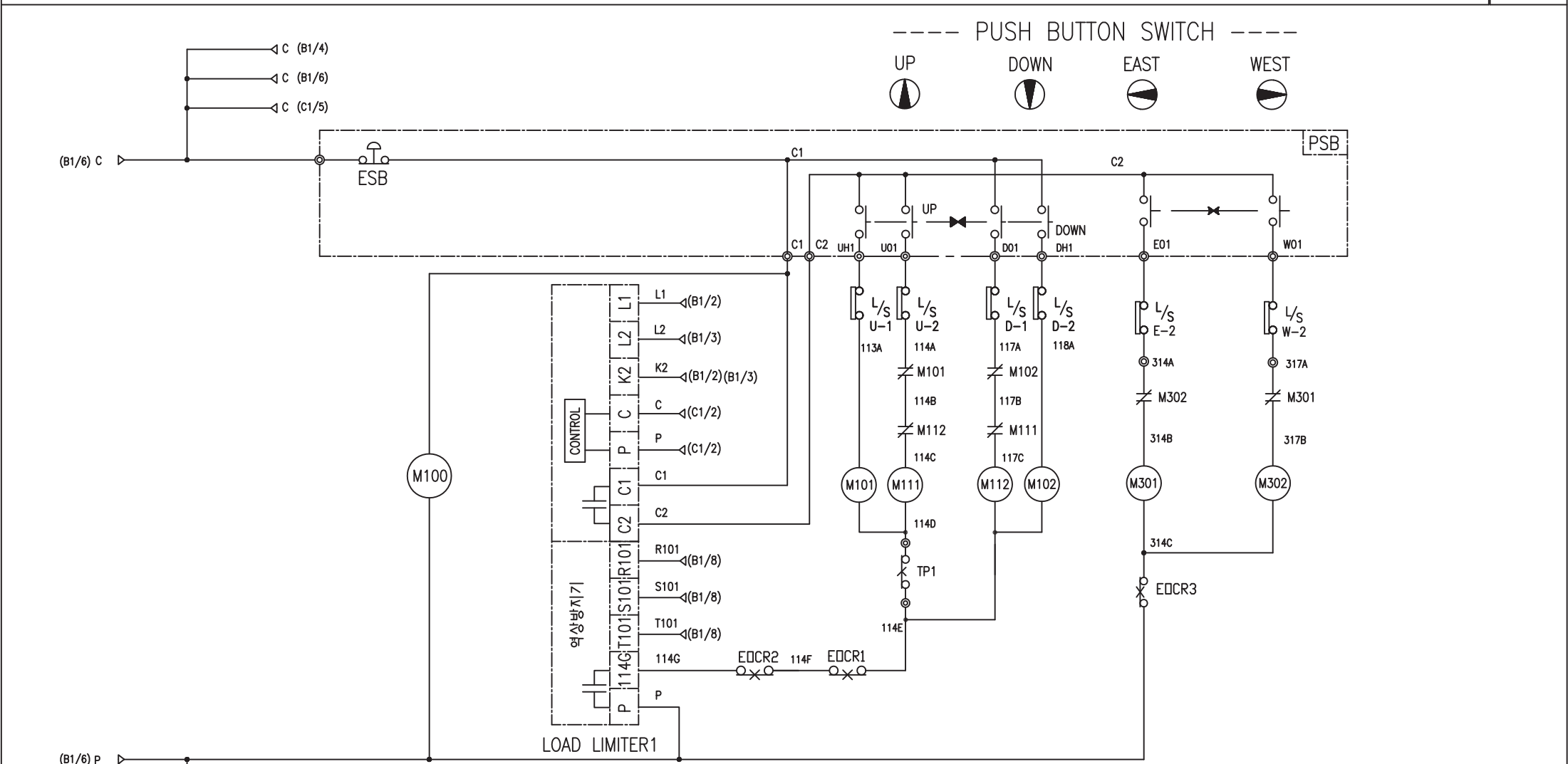
MODEL

CODE NO
2010.08.06

CODE_NO

LK

L K HOIST CO., LTD.



SPECIFICATION		LOAD LIMITER	
SYMBOLS		LKDL601	
DESCRIPTION		1A - 50A	
MAKER		LK	

1. : Mechanical Interlock

TITLE

HOISTING CONTROL CIRCUIT DIAGRAM

WORK NO

604

WORK NAME

DBD

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

DRAWN

LEE.G.H

2010.08.06

CHECKED

REVIEWED

APPROVED

MODEL

CODE NO

CODE_NO

PROJECTION

SCALE

Q' TY

LK

L K

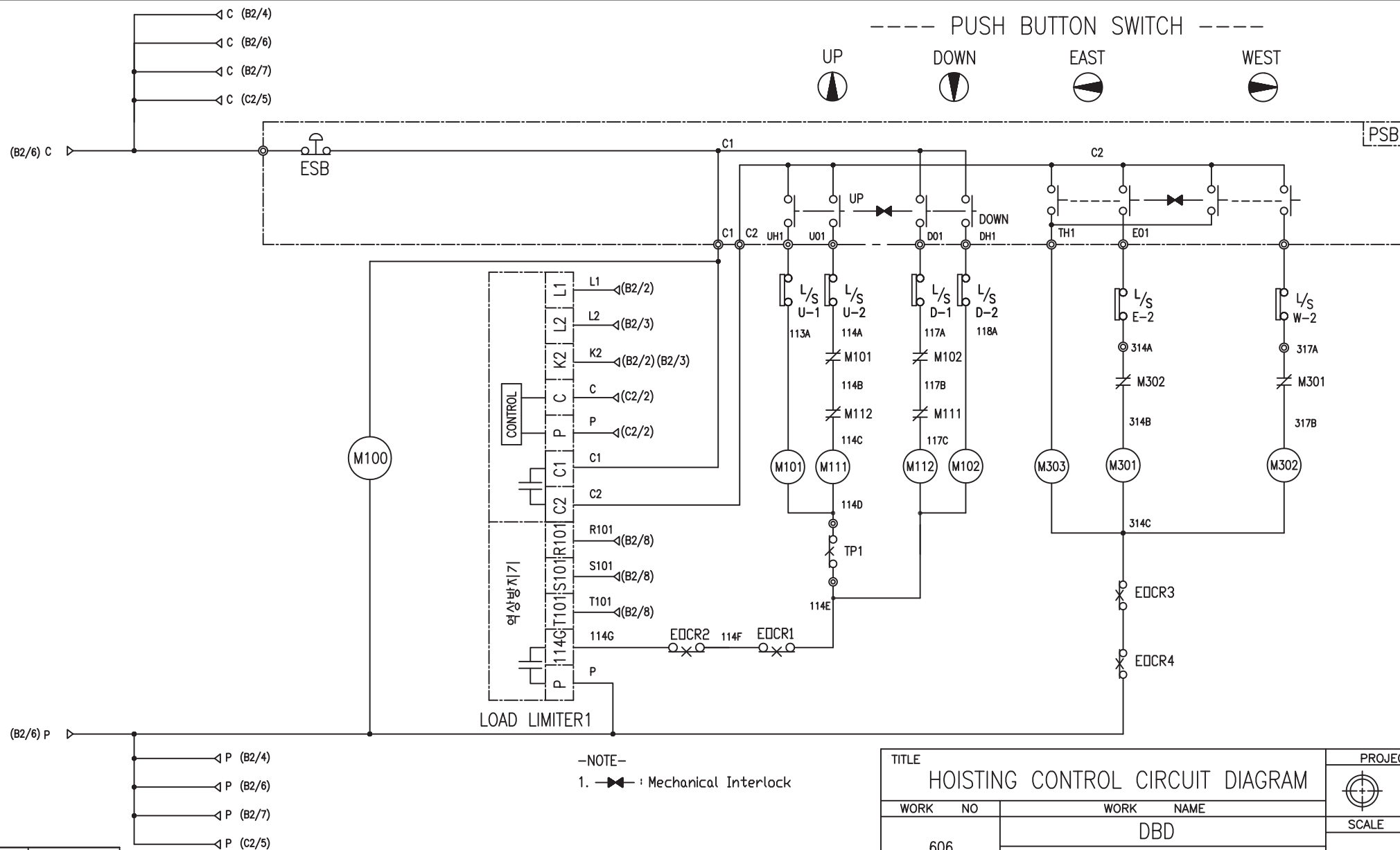
HOIST

CO., LTD.

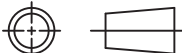
SPECIFICATION	NO FUSE BREAKER		MAGNET CONTACTOR			TRANSFORMER	SILICON RECTIFIER					과전류계전기		FUSE		HOISTING MOTOR	TRAVERSING MOTOR
SYMBOLS	MCCB0		M100	M101,M102 M111, M112	M301,M302	TR10	DPM, DPM30					EOCR1 EOCR2	EOCR3 EOCR4	F11	F12	HM	TM
DESCRIPTION	220V	40A	DMC22	DMC32	DMC12	60 VA	AC220V	AC380V	AC440V	AC460V	AC480V	SS-30	SS-06	1A	2A	4.4Kw x 2P / 2.2Kw x 6P	0.75Kw * 4P / 0.25Kw * 12P
	380V	30A															
	440V	30A															
	460V	30A															
	480V	30A															
MAKER	LS		DONGA			YOUNG DONG	LK					SAMWHA		—		LK	LK

 L K HOIST CO., LTD.

	ADDRESS NO.
	C2



SPECIFICATION	LOAD LIMITER
SYMBOLS	LKDL601
DESCRIPTION	1A – 50A
MAKER	LK

TITLE				PROJECTION	
HOISTING CONTROL CIRCUIT DIAGRAM					
WORK	NO	WORK		NAME	
606		DBD		SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V			
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	
LEE.G.H				CODE	NO CODE_NO
2010.08.06					
 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	4.4/2.2 - 2/6 - 22	
4. RATED POWER	4.4/2.2 KW × 2/6 P	
5. RATED VOLTAGE AND FREQUENCY	220 V 60HZ	
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	30 MIN	
8. LOCATION	OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	80℃	
11. FULL LOAD SPEED	3440/1140 RPM	
12. FULL LOAD CURRENT	20/10 A	
13. STARTING CURRENT AT RATED VOLTAGE	95/52 A	
14. MINIMUM STARTING VOLTAGE	198 V	
15. EFFICIENCY AT 100% RATED LOAD	76/76 %	
16. POWER FACTOR AT 100% RATED LOAD	76/76 %	
17. STARTING TORQUE	243 %	
18. TYPE OF ENCLOSURE	전폐형	
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 - 22	
4. RATED POWER	0.75 KW × 4 P	
5. RATED VOLTAGE AND FREQUENCY	220 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	1710 RPM	
12. FULL LOAD CURRENT	4.8 A	
13. STARTING CURRENT AT RATED VOLTAGE	26.4 A	
14. MINIMUM STARTING VOLTAGE	198 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	0.5 - 6 - 22	
4. RATED POWER	0.5 KW × 6 P	
5. RATED VOLTAGE AND FREQUENCY	220 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	3.2 A	
13. STARTING CURRENT AT RATED VOLTAGE	17.5 A	
14. MINIMUM STARTING VOLTAGE	198 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 TEMPERATURE	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	0.75/0.25 - 4/12 - 22	
4. RATED POWER	0.75/0.25 KW × 4/12 P	
5. RATED VOLTAGE AND FREQUENCY	220 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	1710 / 550 RPM	
12. FULL LOAD CURRENT	4.8 / 3.0 A	
13. STARTING CURRENT AT RATED VOLTAGE	26.4 / 16.5 A	
14. MINIMUM STARTING VOLTAGE	198 V	
15. EFFICIENCY AT 100% RATED LOAD	65 / 48 %	
16. POWER FACTOR AT 100% RATED LOAD	63 / 46 %	
17. STARTING TORQUE	249 / 245 %	
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	