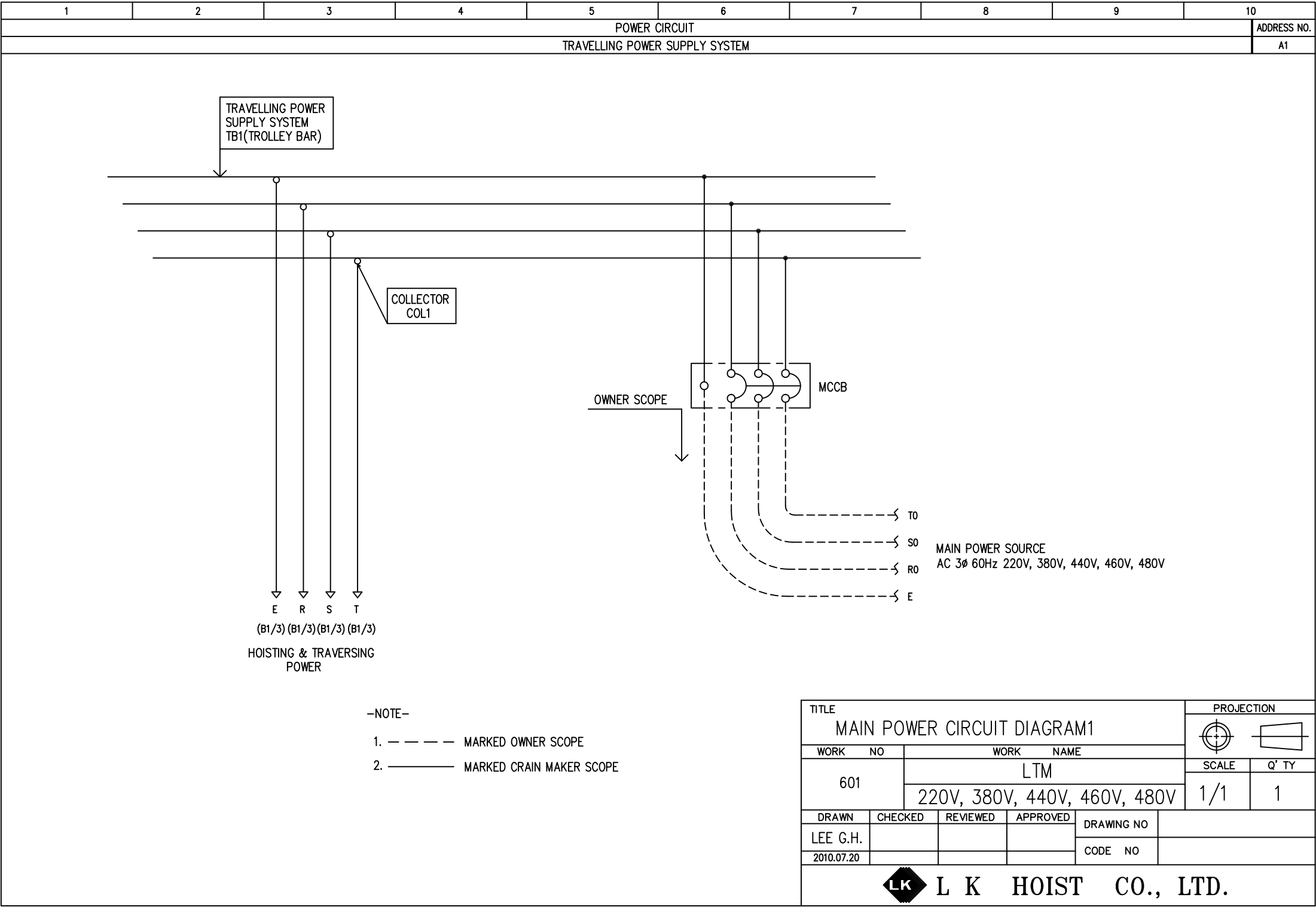
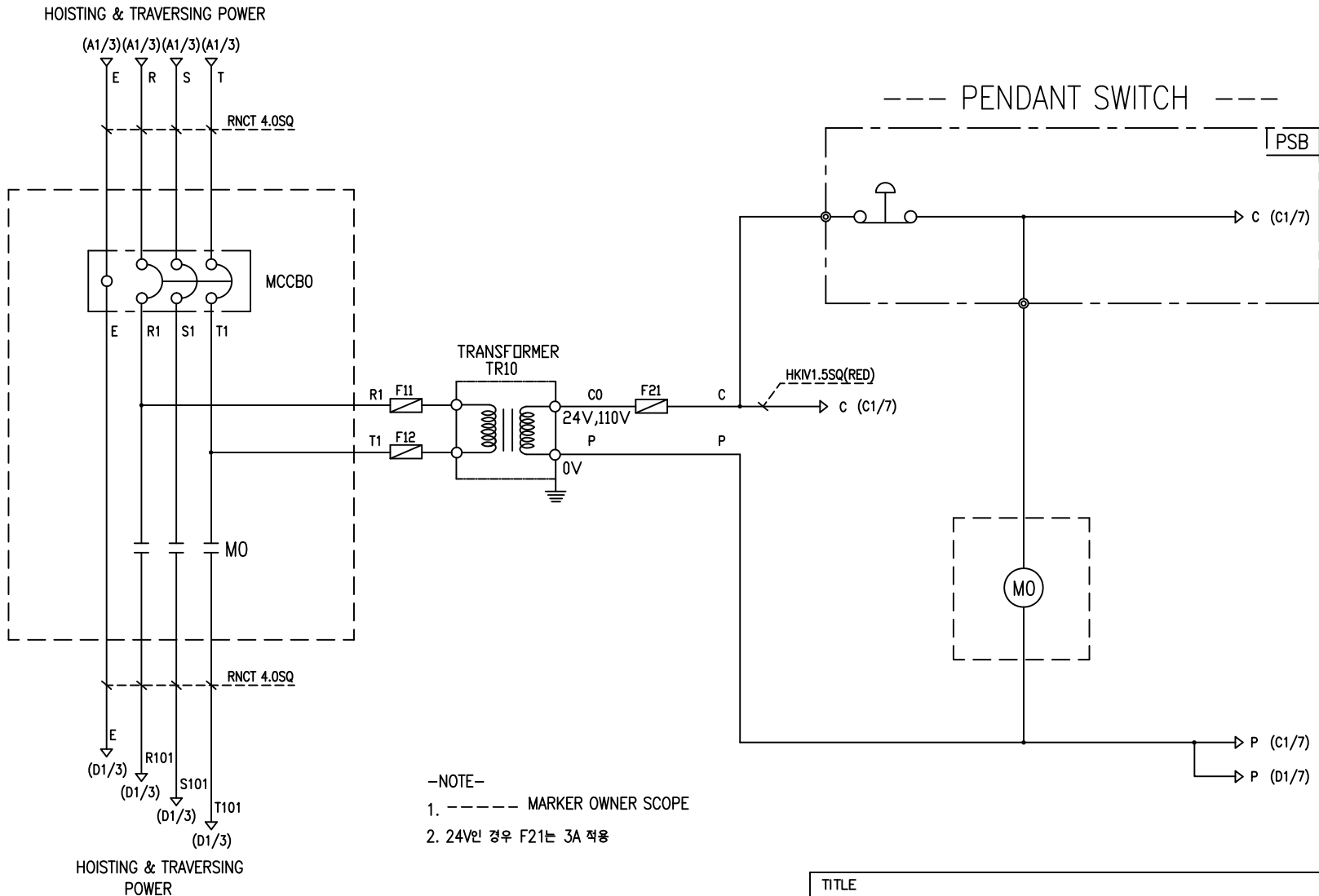
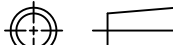




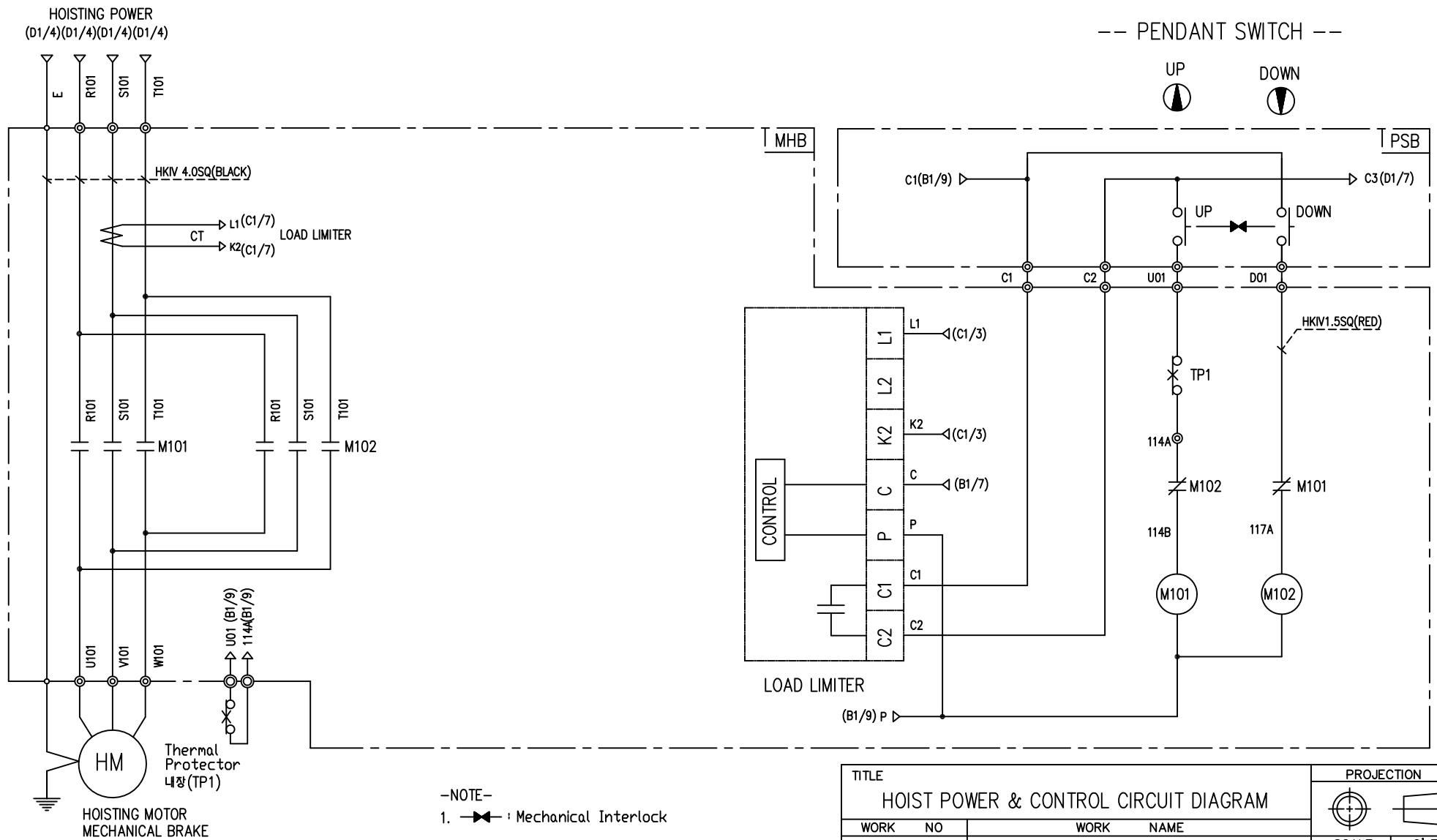
1	2	3	4	5	6	7	8	9	10
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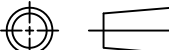
SPECIFICATION	NO FUSE BREAKER		MAGNET CONTACT		TRANSFORMER	FUSE
SYMBOLS	MCCB0		M0		TR10	F11, F12, F21
DESCRIPTION	220V	20A	GMC18	DMC18	30VA	1A
	380V	15A				
	440V	10A				
	460V	10A				
	480V	10A				
MAKER	LS		LS	DONGA	LK	—

TITLE					PROJECTION	
MAIN POWER & CONTROL CIRCUIT DIAGRAM						
WORK NO		WORK NAME			SCALE	
602		LTM			Q' TY	
		220V, 380V, 440V, 460V, 480V			1/1	
DRAWN	CHECKED	REVIEWED	APPROVED	DRAWING NO	LTM	
LEE.G.H				CODE NO		
2010.07.20						
 L K HOIST CO., LTD.						

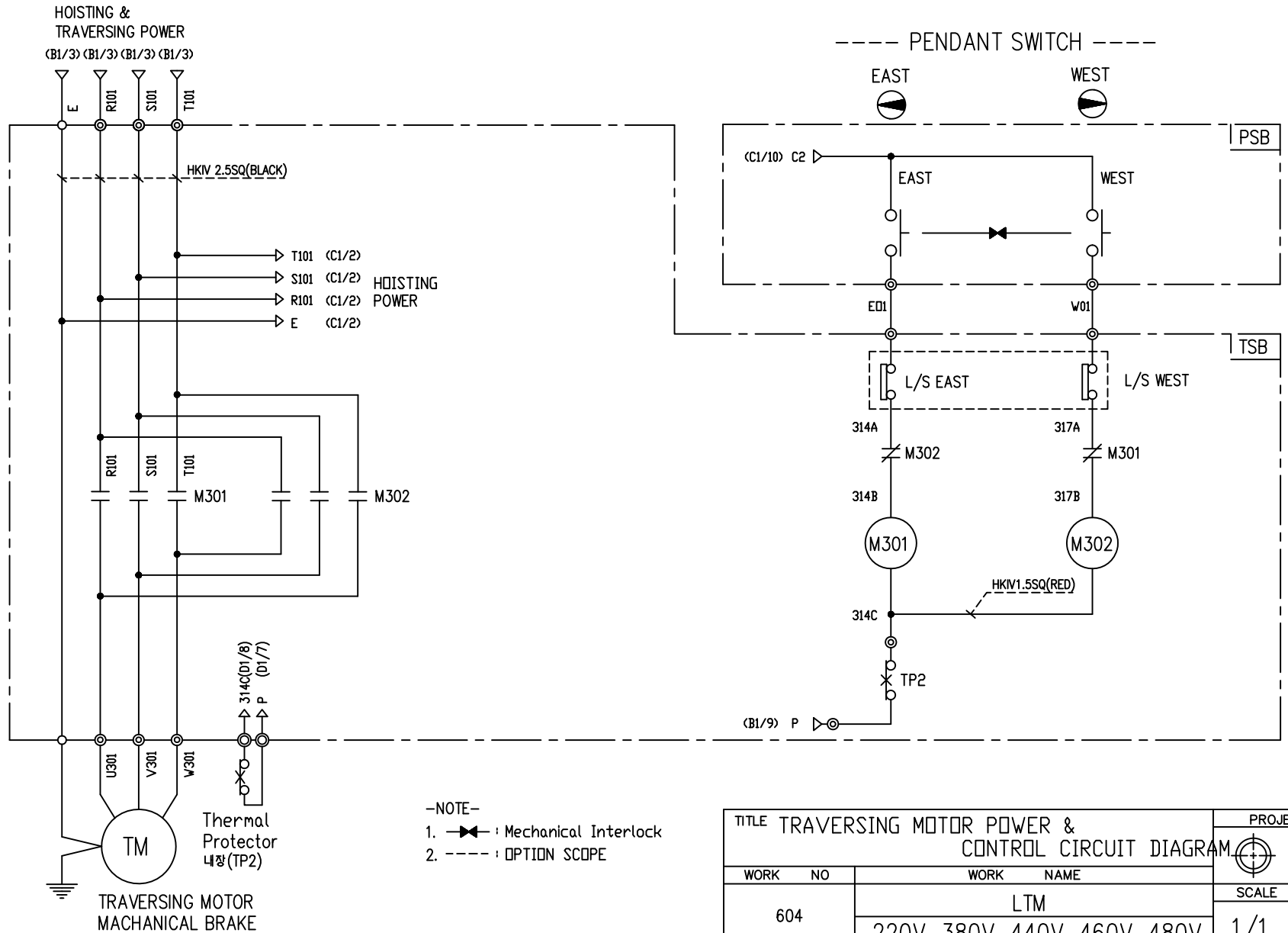
1	2	3	4	5	6	7	8	9	10		
HOIST POWER CIRCUIT					HOIST CONTROL CIRCUIT					ADDRESS NO.	C1



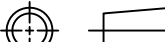
SPECIFICATION	MAGNET CONTACT		LOAD LIMITER	Thermal Protector	HOIST MOTOR	
SYMBOLS	M101, M102		—	TP1	HM	
DESCRIPTION	GMC12	DMC12	LKDL-50A	17AM032	1.8Kw * 4P	1.2Kw * 6P
MAKER	LS	DONGA	YANG-YEONG	Texas Instruments	LK	

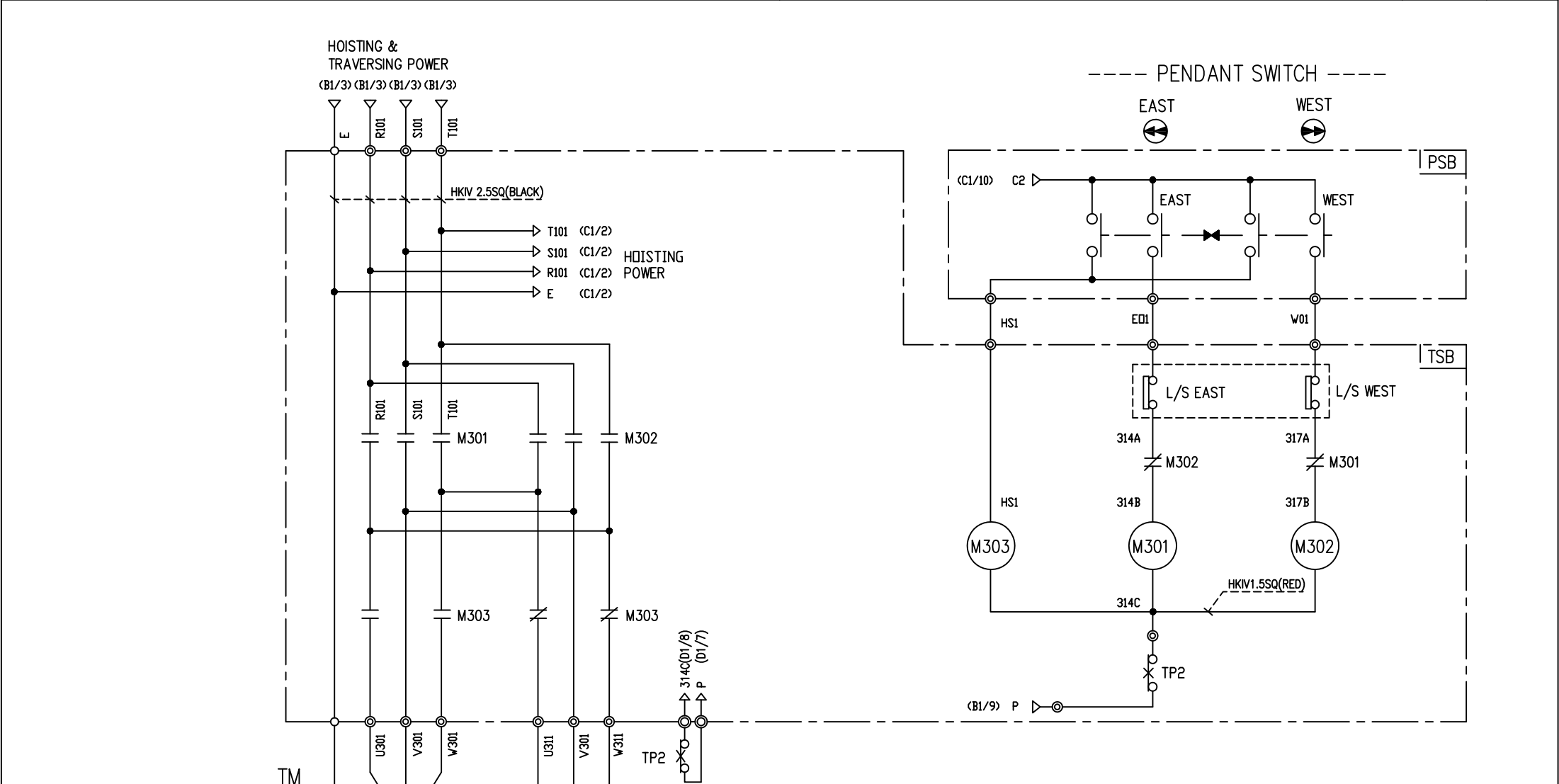
TITLE					PROJECTION	
HOIST POWER & CONTROL CIRCUIT DIAGRAM						
WORK NO		WORK NAME				
603		LTM			SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V			1/1	1
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL		LTM
LEE.G.H				CODE NO		
2010.07.20						
 L K HOIST CO., LTD.						

1	2	3	4	5	6	7	8	9	10		
TRAVERSING POWER CIRCUIT					TRAVERSING CONTROL CIRCUIT					ADDRESS NO.	D1



SPECIFICATION	MAGNET CONTACT		Thermal Protector	TRAVERSING MOTOR	
SYMBOLS	M301, M302		TP2	TM	
DESCRIPTION	GMC12	DMC12	17AM032	0.2KW *4P	0.3KW *2P
MAKER	LS	DONGA	Texas Instruments	LK	

TITLE TRAVERSING MOTOR POWER & CONTROL CIRCUIT DIAGRAM						PROJECTION 	
WORK NO		WORK NAME					
604		LTM				SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V				1/1	1
DRAWN	CHECKED	REVISED	APPROVED	MODEL	LTM		
LEE.G.H				CODE NO			
2010.07.20							
 L K HOIST CO., LTD.							



SPECIFICATION				MAGNET CONTACT		Thermal Protector		TRAVERSING MOTOR	
SYMBOLS				M301, M302, M303		TP2		TM	
DESCRIPTION				GMC12	DMC12	17AM032		0.3/0.15KW *2/8P	
MAKER				LS	DONGA	Texas Instruments		LK	

TITLE

TRAVERSING MOTOR POWER & CONTROL CIRCUIT DIAGRAM

WORK NO

605

WORK NAME

LTM

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

PROJECTION

SCALE

Q' TY

1/1

1

DRAWN

LEE.G.H

2010.07.20

CHECKED

REVIEWED

APPROVED

MODEL

LTM

CODE NO

LK

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	1.8 - 4 - 46	
4. RATED POWER	1.8 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	1720 RPM	
12. FULL LOAD CURRENT	4.1 A	
13. STARTING CURRENT AT RATED VOLTAGE	20.2 A	
14. MINIMUM STARTING VOLTAGE	397 V	
15. EFFICIENCY AT 100% RATED LOAD	69.2 %	
16. POWER FACTOR AT 100% RATED LOAD	67.3 %	
17. STARTING TORQUE	246 %	
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	HOISTING	
2. MANUFACTURE	LK HOIST CO. LTD	
3. MOTOR MODEL NO	1.2 - 6 - 46	
4. RATED POWER	1.2 KW × 6 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	1150 RPM	
12. FULL LOAD CURRENT	4.3 A	
13. STARTING CURRENT AT RATED VOLTAGE	20.8 A	
14. MINIMUM STARTING VOLTAGE	419 V	
15. EFFICIENCY AT 100% RATED LOAD	68.5 %	
16. POWER FACTOR AT 100% RATED LOAD	63.9 %	
17. STARTING TORQUE	246 %	
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	0.3 - 2 - 46	
4. RATED POWER	0.3 KW × 2 P	
5. RATED VOLTAGE AND FREQUENCY	460 V 60HZ	
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	15 MIN	
8. LOCATION	IN-DOOR , OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	100℃	
11. FULL LOAD SPEED	3440 RPM	
12. FULL LOAD CURRENT	1.2 A	
13. STARTING CURRENT AT RATED VOLTAGE	6.0 A	
14. MINIMUM STARTING VOLTAGE	414 V	
15. EFFICIENCY AT 100% RATED LOAD	57.3 %	
16. POWER FACTOR AT 100% RATED LOAD	56.2 %	
17. STARTING TORQUE	230 %	
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	0.2 - 4 - 46	
4. RATED POWER	0.2 KW × 4 P	
5. RATED VOLTAGE AND FREQUENCY	460 V	60HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	15 MIN	
8. LOCATION	IN-DOOR , OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	100℃	
11. FULL LOAD SPEED	1690 RPM	
12. FULL LOAD CURRENT	0.96 A	
13. STARTING CURRENT AT RATED VOLTAGE	4.8 A	
14. MINIMUM STARTING VOLTAGE	414 V	
15. EFFICIENCY AT 100% RATED LOAD	52.3 %	
16. POWER FACTOR AT 100% RATED LOAD	50.0 %	
17. STARTING TORQUE	230 %	
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	0.3/0.15 - 2/8 - 46	
4. RATED POWER	0.3/0.15 KW × 2/8 P	
5. RATED VOLTAGE AND FREQUENCY	460 V	60HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	15 MIN	
8. LOCATION	IN-DOOR , OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	100℃	
11. FULL LOAD SPEED	3440 / 840 RPM	
12. FULL LOAD CURRENT	1.2 / 1.1 A	
13. STARTING CURRENT AT RATED VOLTAGE	6.2 / 5.5 A	
14. MINIMUM STARTING VOLTAGE	414 V	
15. EFFICIENCY AT 100% RATED LOAD	56.5 / 41.8 %	
16. POWER FACTOR AT 100% RATED LOAD	55.5 / 40.9 %	
17. STARTING TORQUE	230 / 231 %	
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	