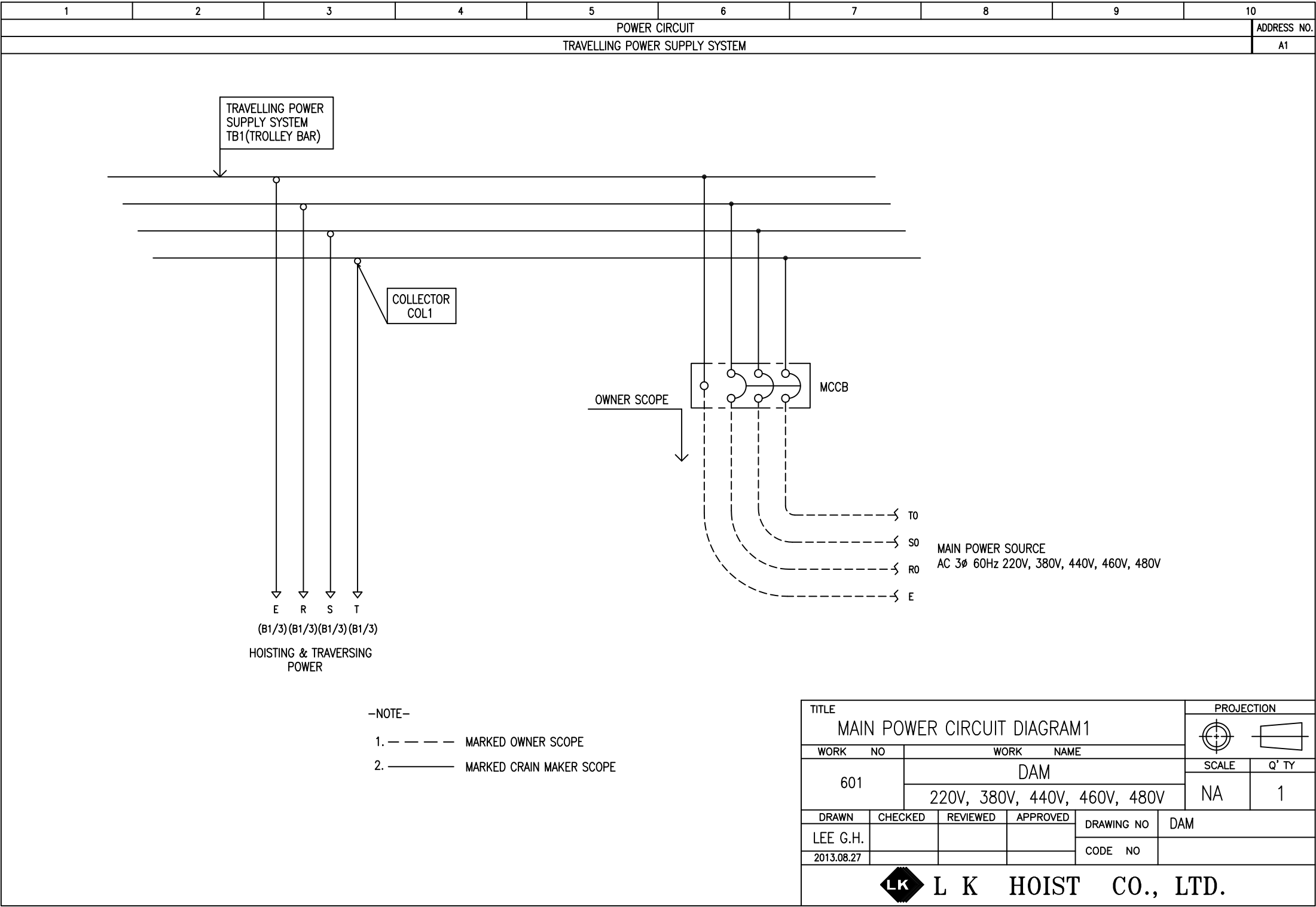
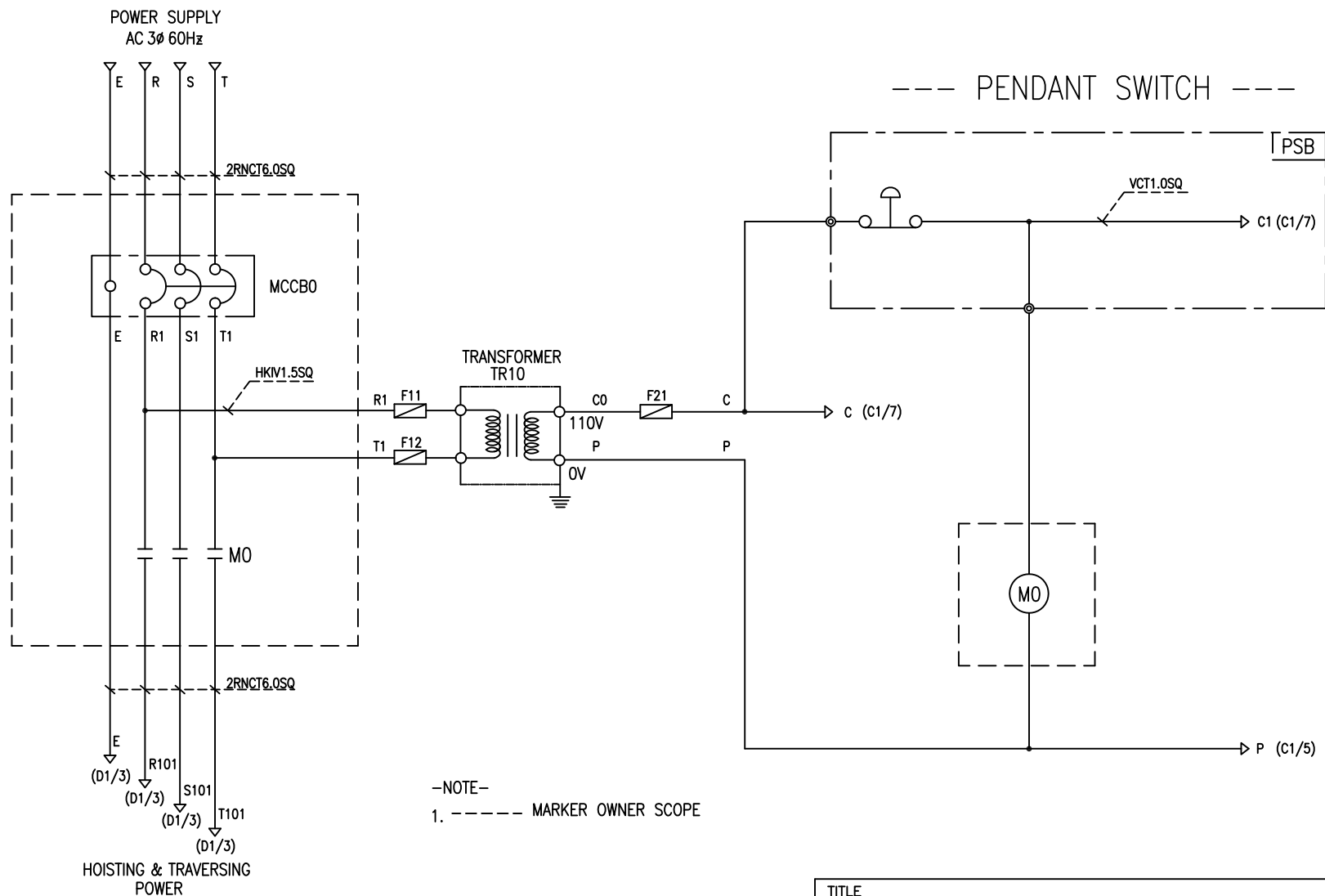




1	2	3	4	5	6	7	8	9	10		
POWER CIRCUIT					CONTROL CIRCUIT					ADDRESS NO.	B1



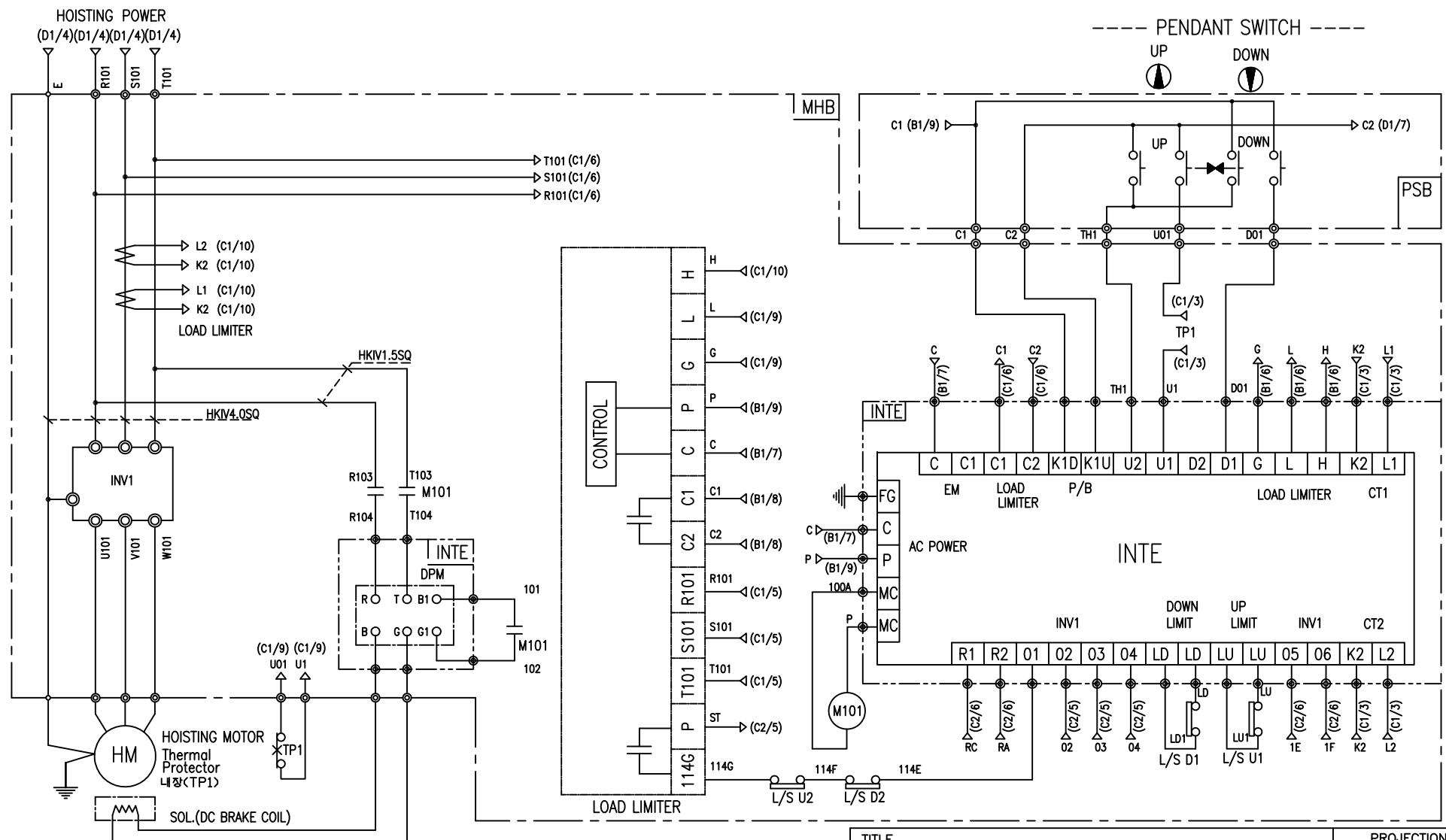
-NOTE-

1. ----- MARKER OWNER SCOPE

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	—

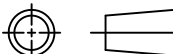
TITLE					PROJECTION		
MAIN POWER & CONTROL CIRCUIT DIAGRAM							
WORK	NO	WORK NAME					
602		DAM				SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V				NA	1
DRAWN	CHECKED	REVISED	APPROVED	MODEL		DAM	
LEE.G.H				CODE NO			
2013.08.27							
 L K HOIST CO., LTD.							

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

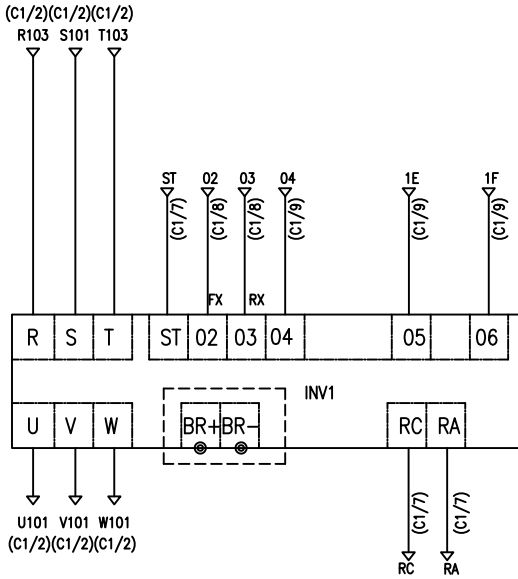


—NOTE—
1. —— : Mechanical Interlock

SPECIFICATION	MAGNET CONTACT	LOAD LIMITER	SILICON RECTIFIER					Thermal Protector	HOIST MOTOR
SYMBOLS	M101	—	DPM					TP1	HM
DESCRIPTION	DMC25C	LKDL-60	AC220V	AC380V	AC440V	AC460V	AC480V	17AM032	3.5Kw * 4P
			DC99V	DC171V	DC198V	DC207V	DC216V		
MAKER	DONG-A	LK	LK					Texas Instruments	LK

TITLE					PROJECTION	
HOIST POWER & CONTROL CIRCUIT DIAGRAM						
WORK	NO	WORK NAME				
603		DAM			SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V			NA	1
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	DAM	
LEE.G.H				CODE NO		
2013.08.27						
 L K HOIST CO., LTD.						

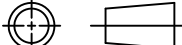
1	2	3	4	5	6	7	8	9	10	
HOIST CONTROL CIRCUIT									ADDRESS NO.	C2



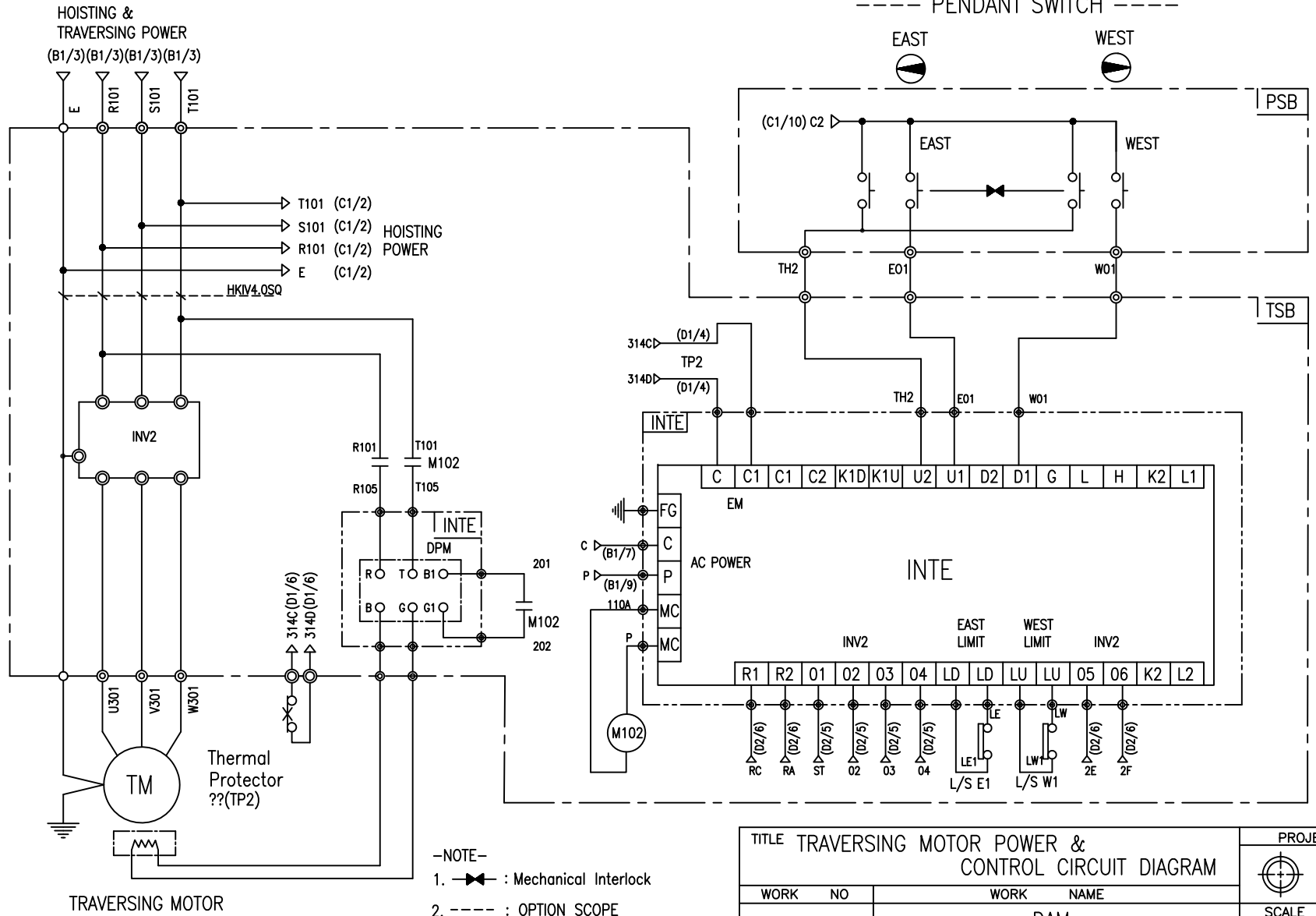
-NOTE-

1. ---- : OPTION SCOPE

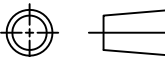
SPECIFICATION	INVERTER	BRAKING RESISTOR
SYMBOLS	INV1	BR
DESCRIPTION	3.7KW	400W 150 OHM
MAKER	ROCKWELL	—

TITLE						PROJECTION	
INVERTER CONTROL CIRCUIT DIAGRAM							
WORK NO		WORK NAME					
604		HOISTING				SCALE	
		220V, 380V, 440V, 460V, 480V				Q' TY	
						NA	
						1	
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL		DAM	
LEE.G.H							
2013.08.27				CODE NO			
 L K HOIST CO., LTD.							

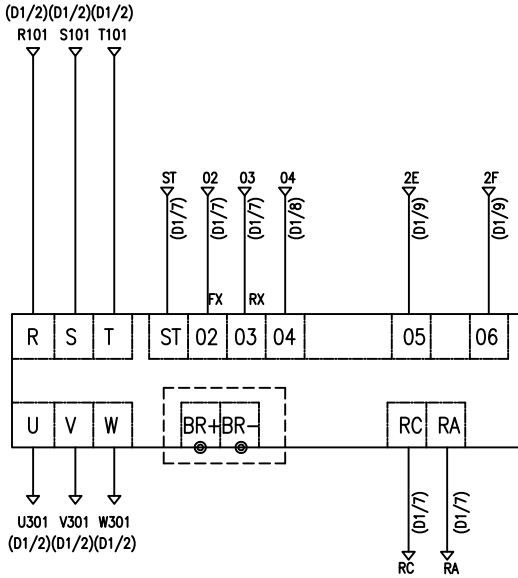
1	2	3	4	5	6	7	8	9	10		
TRAVERSING POWER CIRCUIT					TRAVERSING CONTROL CIRCUIT					ADDRESS NO.	D1



SPECIFICATION	MAGNET CONTACT	SILICON RECTIFIER					Thermal Protector	TRAVERSING MOTOR	
SYMBOLS	M102	DPM					TP2	TM	
DESCRIPTION	DMC12	AC220V	AC380V	AC440V	AC460V	AC480V	17AM032	0.75KW *4P	0.4KW *6P
		DC99V	DC171V	DC198V	DC207V	DC216V			
MAKER	DONG-A	LK					Texas Instruments	LK	

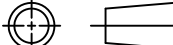
TITLE TRAVERSING MOTOR POWER & CONTROL CIRCUIT DIAGRAM						PROJECTION 	
WORK NO		WORK NAME					
605		DAM				SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V				NA	1
DRAWN	CHECKED	REVISED	APPROVED	MODEL		DAM	
LEE.G.H				CODE NO			
2013.08.27							
 L K HOIST CO., LTD.							

1	2	3	4	5	6	7	8	9	10
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1. ----- : OPTION SCOPE

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

TITLE					PROJECTION	
INVERTER CONTROL CIRCUIT DIAGRAM						
WORK	NO	WORK			NAME	
606		TRAVERSING			SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V			NA	1
DRAWN	CHECKED	REVISED	APPROVED	MODEL	DAM	
LEE.G.H				CODE NO		
2013.08.27						
 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 - 38	
4. RATED POWER	3.5 KW × 4 P	
5. RATED VOLTAGE AND FREQUENCY	380 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	10 A	
13. STARTING CURRENT AT RATED VOLTAGE	49.2 A	
14. MINIMUM STARTING VOLTAGE	342 V	
15. EFFICIENCY AT 100% RATED LOAD	73 %	
16. POWER FACTOR AT 100% RATED LOAD	72.8 %	
17. STARTING TORQUE	242 %	
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 - 38	
4. RATED POWER	0.75 KW × 4 P	
5. RATED VOLTAGE AND FREQUENCY	380 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	2.77 A	
13. STARTING CURRENT AT RATED VOLTAGE	15.2 A	
14. MINIMUM STARTING VOLTAGE	342 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 - 38	
4. RATED POWER	0.4 KW × 6 P	
5. RATED VOLTAGE AND FREQUENCY	380 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	1.85 A	
13. STARTING CURRENT AT RATED VOLTAGE	10.5 A	
14. MINIMUM STARTING VOLTAGE	342 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	