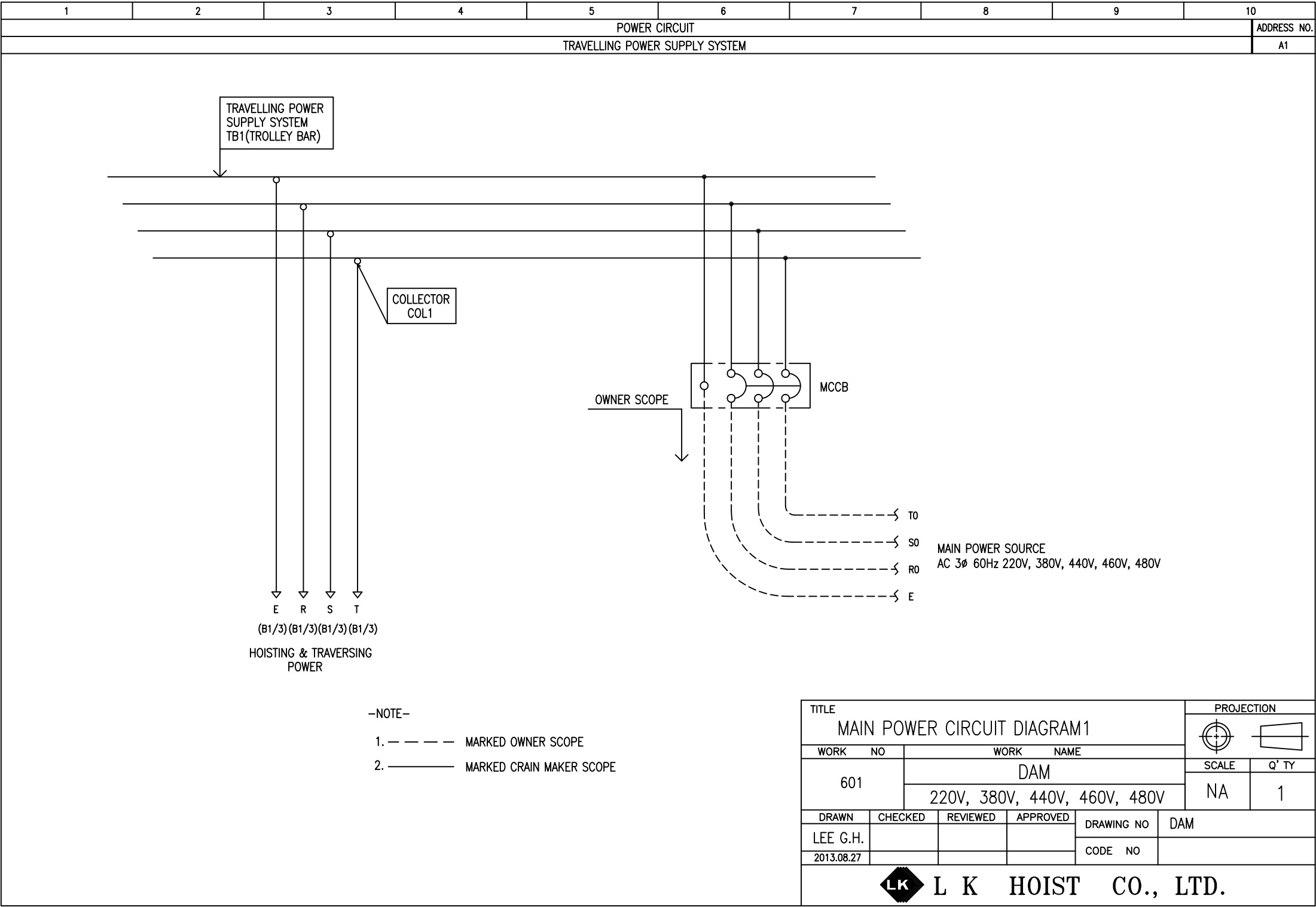
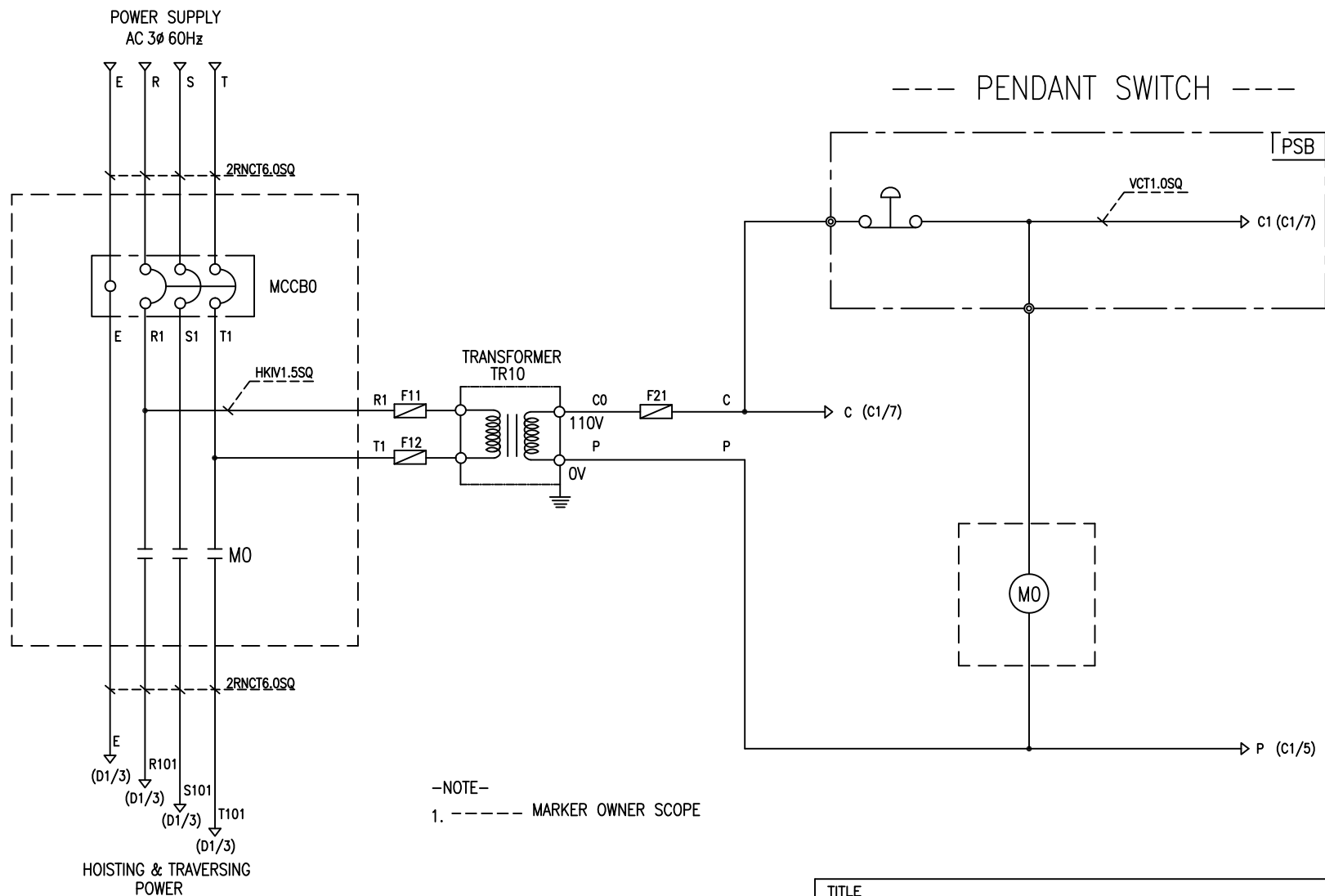
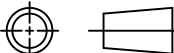


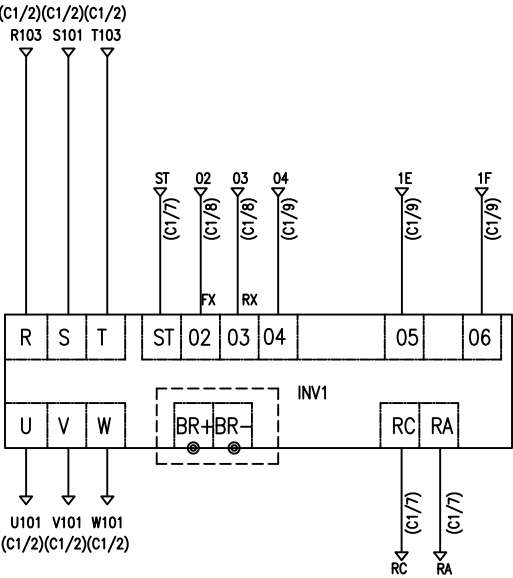


1	2	3	4	5	6	7	8	9	10		
POWER CIRCUIT					CONTROL CIRCUIT					ADDRESS NO.	B1



SPECIFICATION	NO FUSE BREAKER		MAGNET CONTACT		TRANSFORMER	FUSE
SYMBOLS	MCCB0		M0		TR10	F11, F12, F21
DESCRIPTION	220V	30A	GMC22	DMC-22	40VA	1A
	380V	15A				
	440V	15A				
	460V	15A				
	480V	15A				
MAKER	LS		LS	DONGA	LK	—

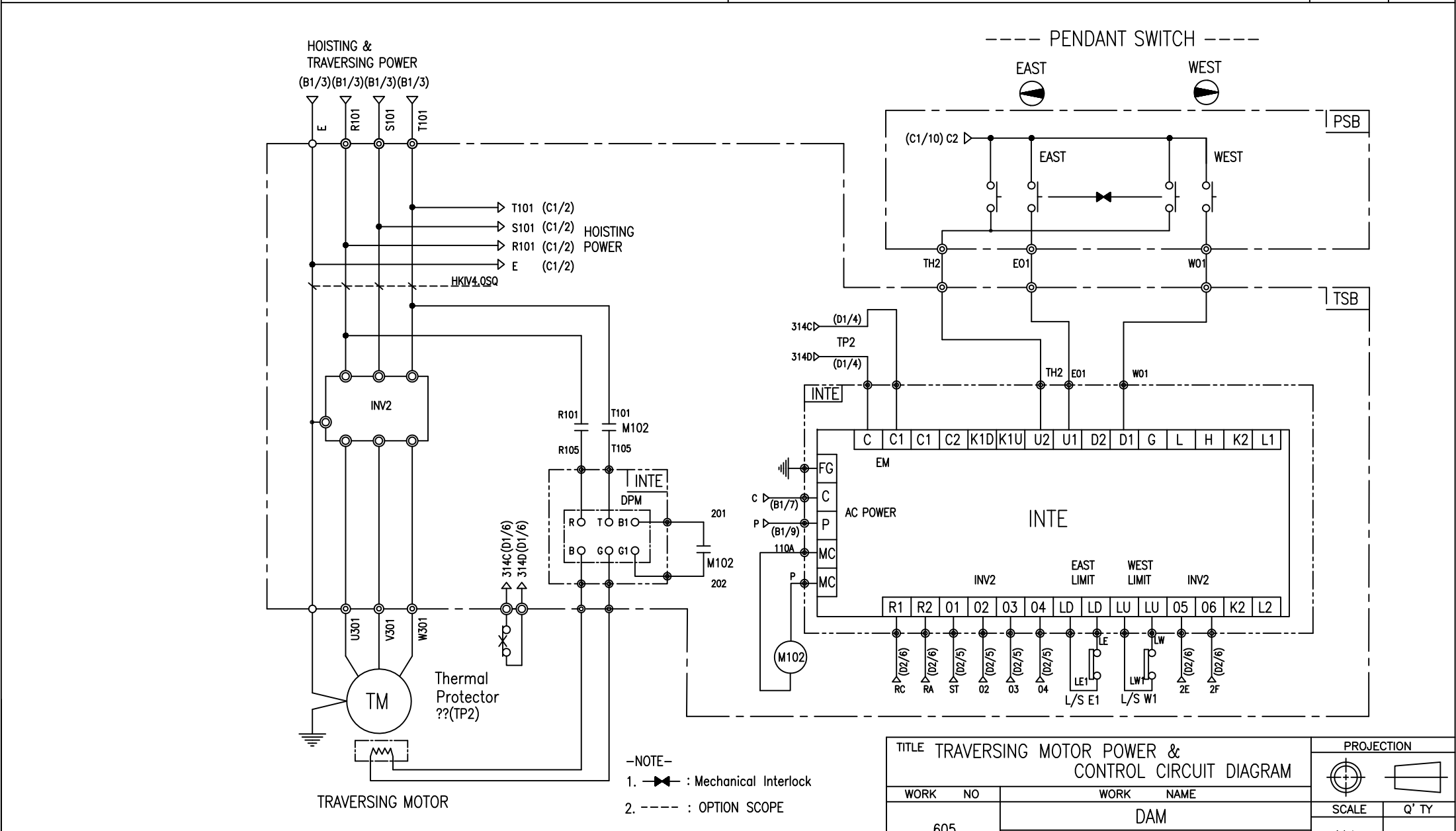
TITLE					PROJECTION	
MAIN POWER & CONTROL CIRCUIT DIAGRAM						
WORK	NO	WORK			NAME	
602		DAM			SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V			NA	1
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	DAM	
LEE.G.H				CODE NO		
2013.08.27						
 L K HOIST CO., LTD.						



—NOTE—
1. ----- : OPTION SCOPE

SPECIFICATION	INVERTER	BRAKING RESISTOR
SYMBOLS	INV1	BR
DESCRIPTION	2.2KW	300W 250 OHM
MAKER	ROCKWELL	—

TITLE						(D1/6) PROJECTION	
INVERTER CONTROL CIRCUIT DIAGRAM							
WORK NO		WORK NAME				SCALE	
604		HOISTING				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.							



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

WORK NO

605

WORK NAME

DAM

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

PROJECTION

SCALE

Q' TY

NA

1

DRAWN

LEE.G.H

CHECKED

REVIEWED

APPROVED

MODEL

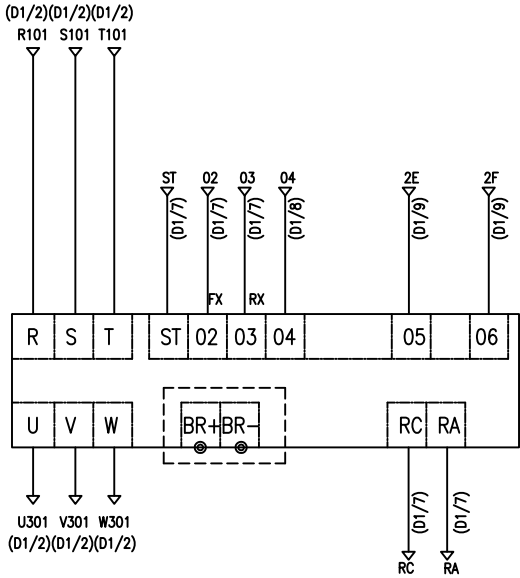
DAM

CODE NO

2013.08.27

L K HOIST CO., LTD.

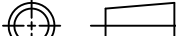
1	2	3	4	5	6	7	8	9	10	
HOIST CONTROL CIRCUIT									ADDRESS NO.	D2



—NOTE—

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	REVIEWED	APPROVED	MODEL	DAM		
LEE.G.H							
2013.08.27				CODE NO			
 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	1740 RPM	
12. FULL LOAD CURRENT	4.5 A	
13. STARTING CURRENT AT RATED VOLTAGE	22.2 A	
14. MINIMUM STARTING VOLTAGE	397 V	
15. EFFICIENCY AT 100% RATED LOAD	72.4 %	
16. POWER FACTOR AT 100% RATED LOAD	69.4 %	
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	0.75 - 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	