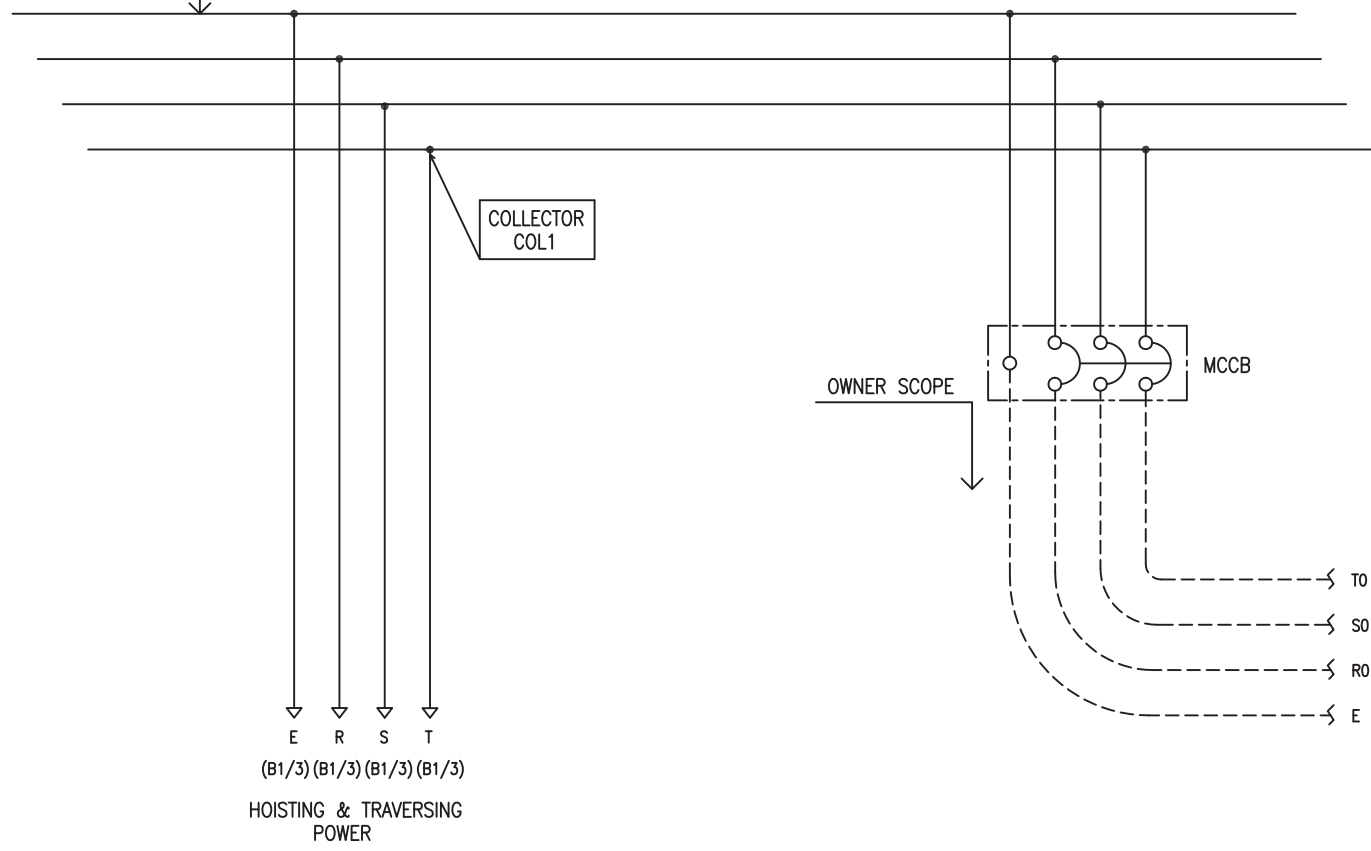


TRAVELLING POWER
SUPPLY SYSTEM
TB1(Trolley Bar
or Festoon Type)



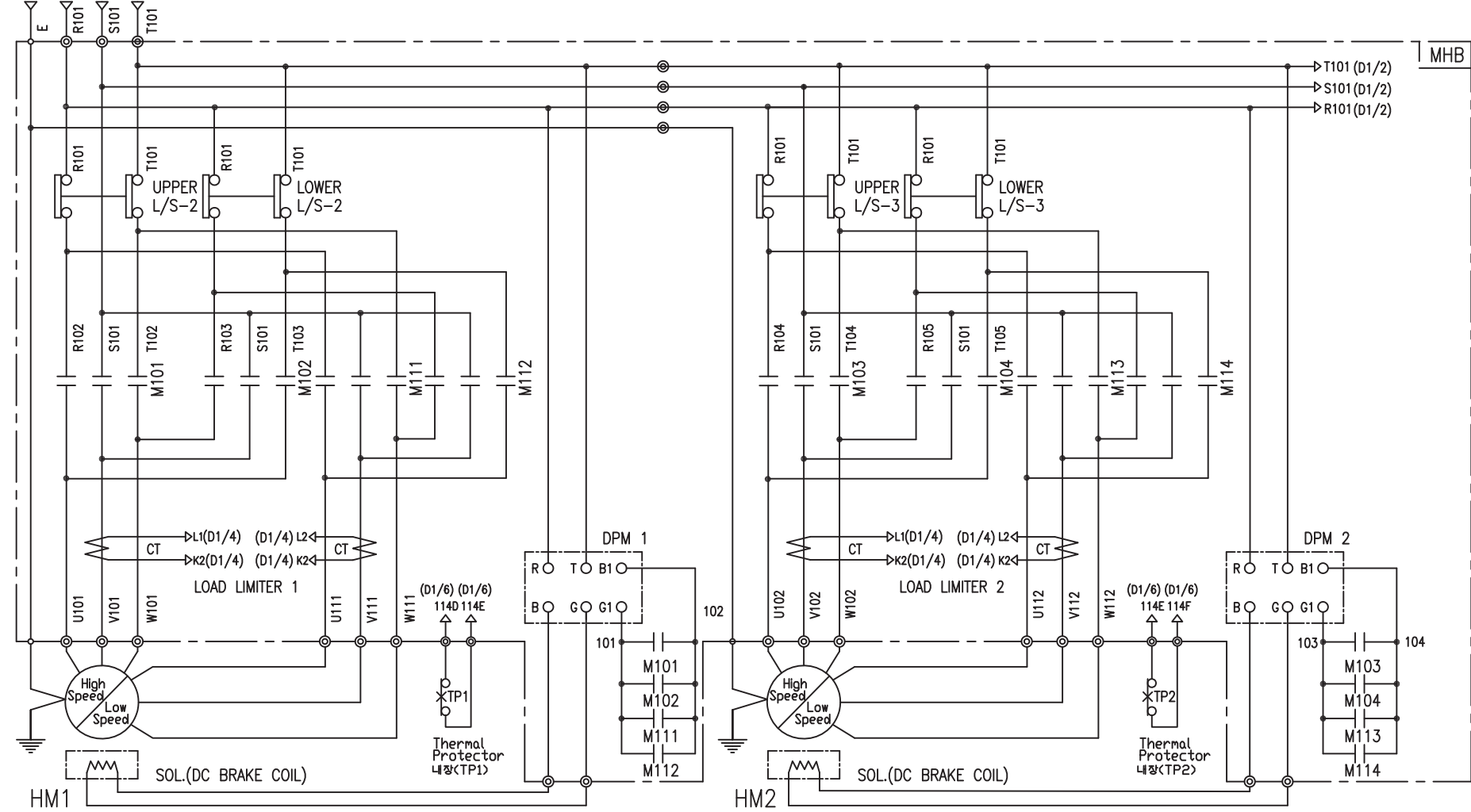
- NOTE-
- 1. - - - - MARKED OWNER SCOPE
 - 2. ———— MARKED CRANE MAKER SCOPE

TITLE MAIN POWER CIRCUIT DIAGRAM1						PROJECTION 	
WORK NO 601		WORK NAME DBM 220V, 380V, 440V, 460V, 480V				SCALE 1/1	Q' TY 1
DRAWN LEE.G.H 2010.07.30	CHECKED	REVIEWED	APPROVED	MODEL DBM	CODE NO		
L K HOIST CO., LTD.							

HOIST POWER CIRCUIT

HOISTING POWER

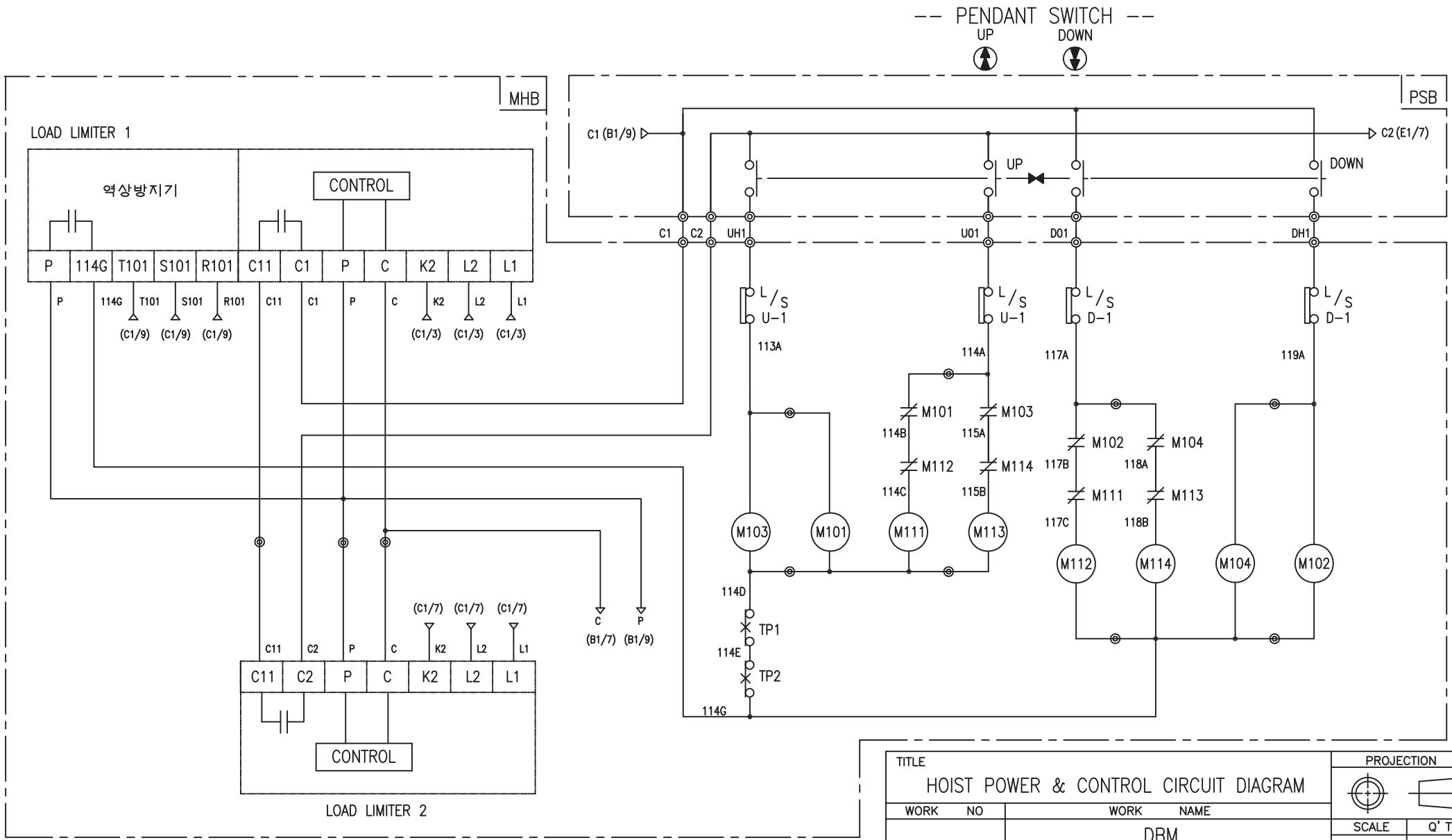
(E1/4)(E1/4)(E1/4)(E1/4)
(E2/3)(E2/3)(E2/3)(E2/3)



MHB

SPECIFICATION	MAGNET CONTACT	SILICON RECTIFIER	Thermal Protector	HOIST MOTOR
SYMBOLS	M101, M102, M103, M104 M111, M112, M113, M114	DPM1, DPM2	TP1, TP2	HM1, HM2
DESCRIPTION	GMC32 DMC32b	DC99V	17AM032	4.4Kw * 2P/2.2Kw * 6P (2SET)
MAKER	LS DONGA	LK	Texas Instruments	LK

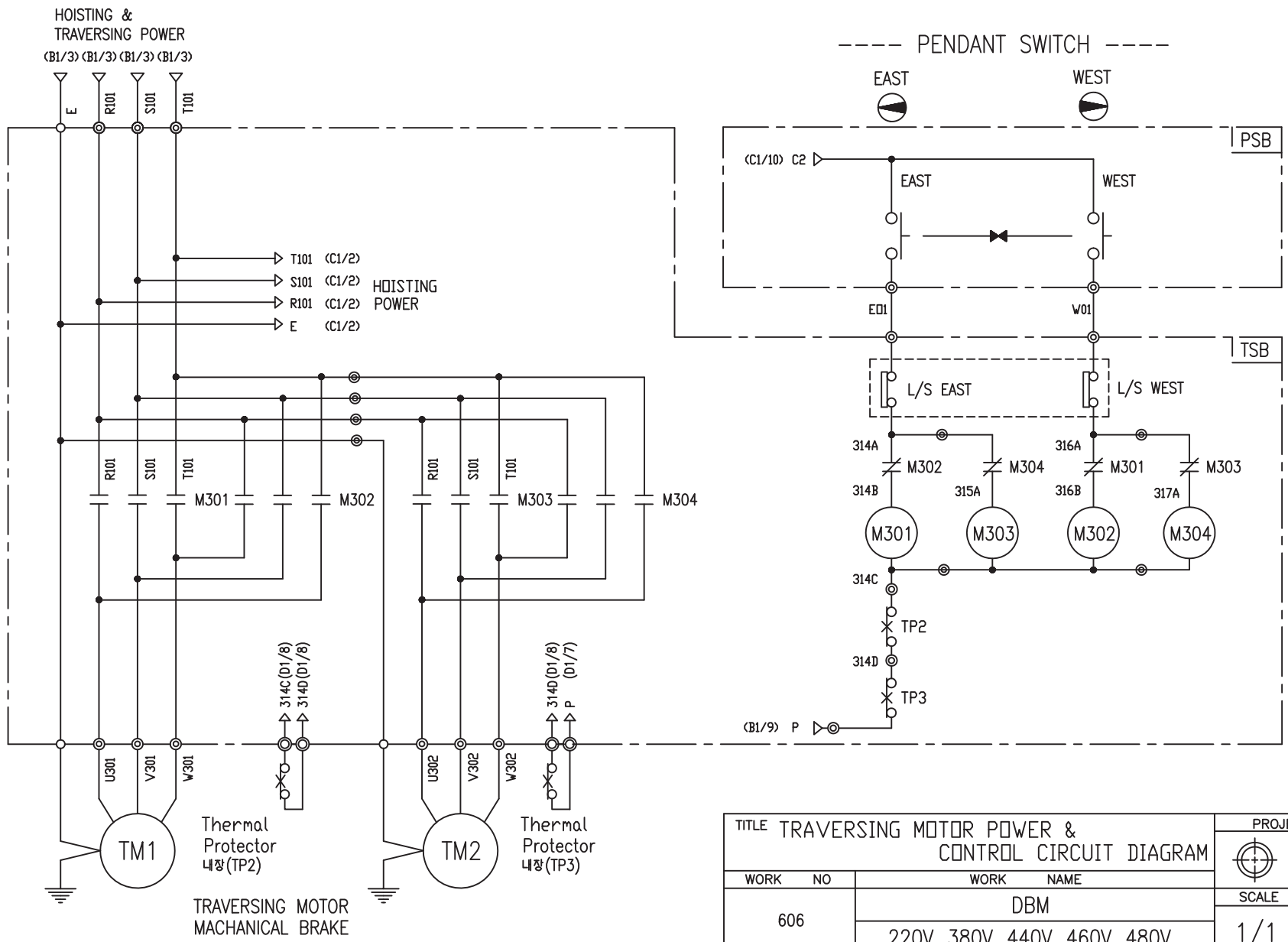
TITLE						PROJECTION	
HOIST POWER & CONTROL CIRCUIT DIAGRAM							
WORK NO		WORK NAME				SCALE	Q' TY
603		DBM				1/1	1
220V		DRAWN		CHECKED	REVIEWED	APPROVED	MODEL
2010.07.30		LEE.G.H					DBM
						CODE NO	
L K HOIST CO., LTD.							



-NOTE-
 1. : Mechanical Interlock

SPECIFICATION	LOAD LIMITER 1	LOAD LIMITER 2
SYMBOLS	-	-
DESCRIPTION	LKDL-601	LKDL-501
MAKER	LK	

TITLE				PROJECTION	
HOIST POWER & CONTROL CIRCUIT DIAGRAM					
WORK NO.	WORK NAME		SCALE	Q' TY	
605	DBM		1/1	1	
220V, 380V, 440V, 460V, 480V					
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	DBM10W
LEE.G.H				CODE NO	
2010.07.30					
L K HOIST CO., LTD.					



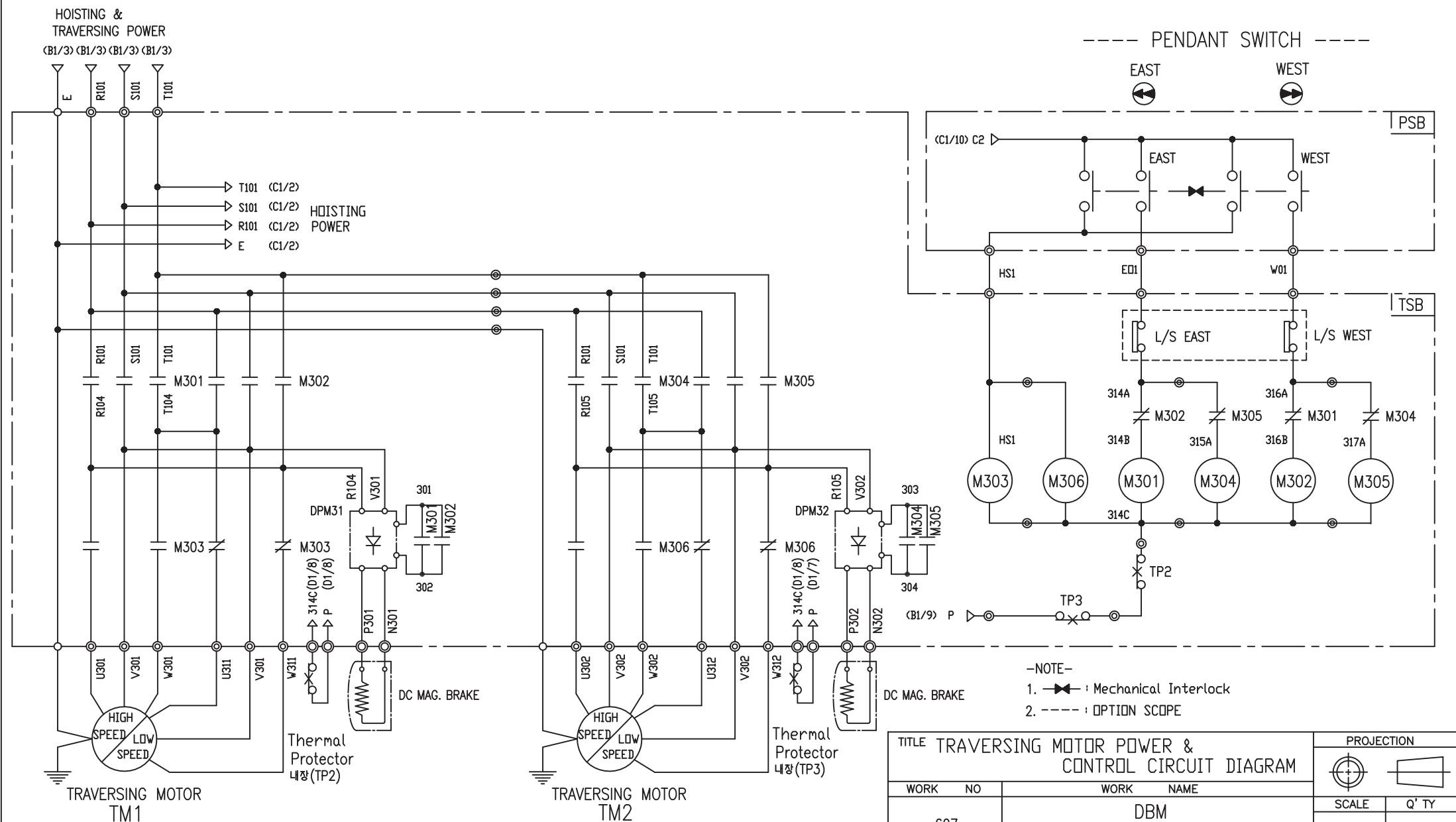
-NOTE-

1. —|— : Mechanical Interlock

2. ----- : OPTION SCOPE

SPECIFICATION	MAGNET CONTACT	Thermal Protector	TRAVERSING MOTOR
SYMBOLS	M301,M302,M303,M304	TP2, TP3	TM1, TM2
DESCRIPTION	GMC12 DMC12	17AM032	0.75KW *4P 0.4KW *6P
MAKER	LS DONGA	Texas Instruments	LK

TITLE TRAVERSING MOTOR POWER & CONTROL CIRCUIT DIAGRAM						PROJECTION	
WORK NO		WORK NAME					
606		DBM				SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V				1/1	1
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	DBM		
LEE.G.H				CODE NO			
2010.07.30							
L K HOIST CO., LTD.							



-NOTE-

1. : Mechanical Interlock
2. : OPTION SCOPE

SPECIFICATION	MAGNET CONTACT	Thermal Protector	SILICON RECTIFIER					TRAVERSING MOTOR
SYMBOLS	M301, M302, M303 M304, M305, M306	TP2, TP3	DPM31, DPM32					TM1, TM2
DESCRIPTION	GMC12	17AM032	AC220V	AC380V	AC440V	AC460V	AC480V	0.75/0.25KW *4/12P
	DMC12		DC99V	DC171V	DC198V	DC207V	DC216V	
MAKER	LS	DONGA	Texas Instruments					LK

TITLE TRAVERSING MOTOR POWER & CONTROL CIRCUIT DIAGRAM						PROJECTION	
WORK NO		WORK NAME					
607		DBM				SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V				1/1	1
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	DBM		
LEE.G.H				CODE NO			
2010.07.30							
L K HOIST CO., LTD.							

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

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	1670 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

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	LK HOIST CO. LTD
3. MOTOR MODEL NO	0.4 - 6 - 22
4. RATED POWER	0.4 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

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	1670 / 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