

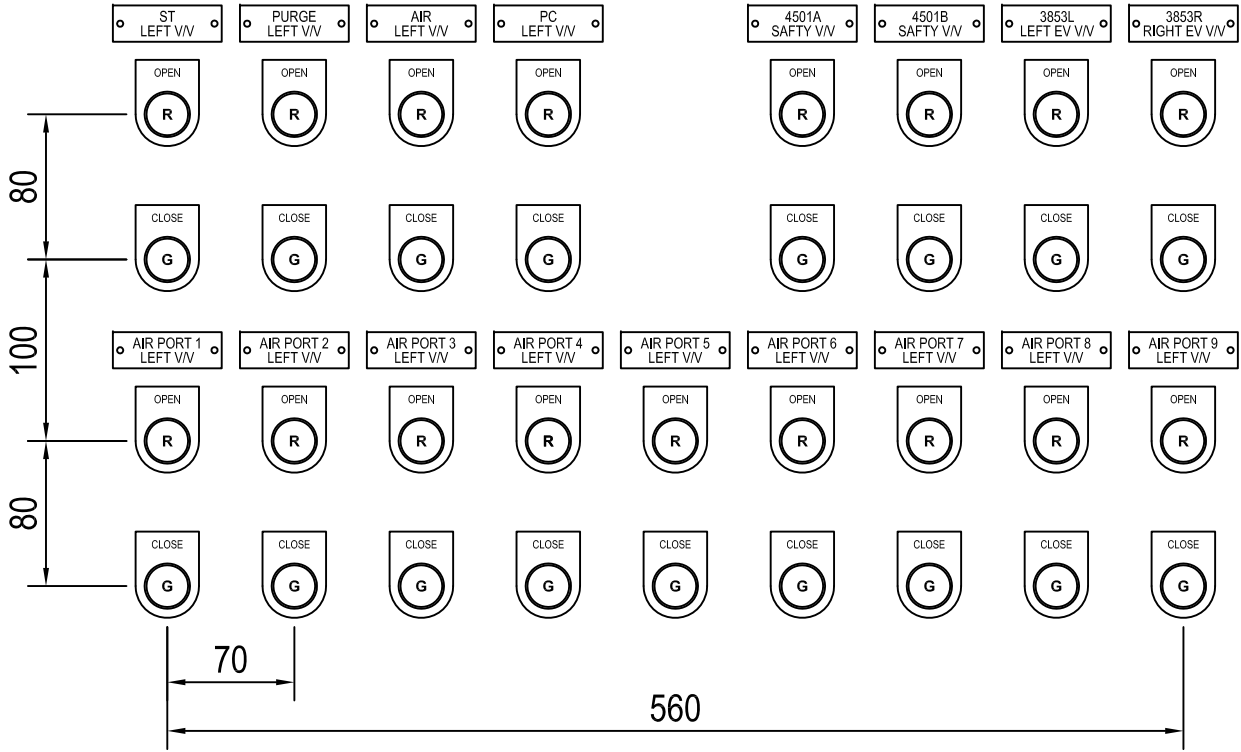
GENERAL SPECIFICATION


1. ENCLOSER : STEEL FABRICATED SELF-STANDING TYPE
2. MATERIAL : PANEL ALL 2.3t STEEL PLATE
3. CABLE ENTRY : BOTTOM
4. DIMENSION : 1800(W)X 600(D) X 2100(H)
5. PANEL PAINTING COLOR : RAL 7032 EMBOSING
6. PROTECTION RATING : IP40

REV.	DATE	DRN	CHG	APPD	DESCRIPTION
CLIENT					
CONTRACTOR					
 (주)호원아이앤씨 HWMH Instrument & Control Co., Ltd.					
PROJECT					
DESIGNER	TITLE				
DRAWN	CONTROL PANEL				
CHECKED	PANEL LAYOUT				
APPROVED					
SCALE	DATE DRAWN	DATE	DATE	DATE	DATE
NO.					
DESIGNER'S SIGNATURE	CLIENT'S SIGNATURE				

	NAME	SPECIFICATION	MAKERS
1	PILOT LAMP (LED)	YSPL2-AL22R, 25Ø, AC 220V, RED	Yong Sung
2	PILOT LAMP (LED)	YSPL2-AL22G, 25Ø, AC 220V, GREEN	Yong Sung
3			

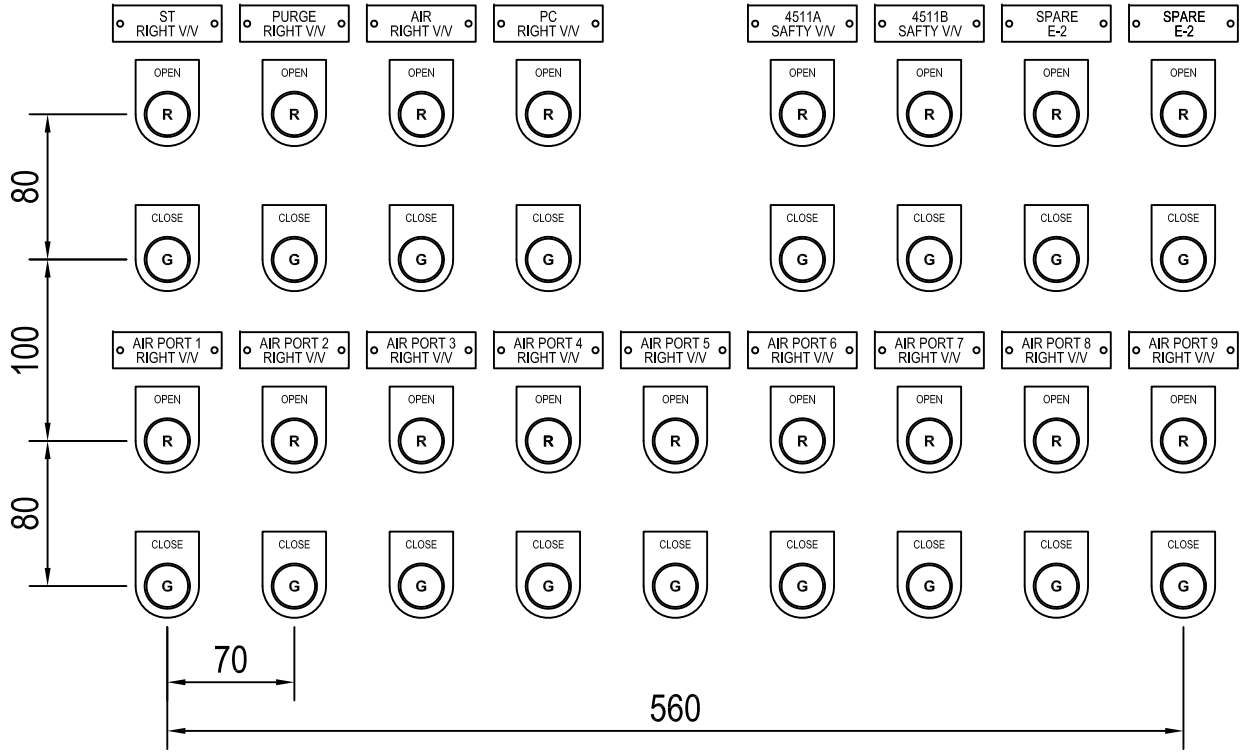
< FRONT LEFT SIDE DETAIL >




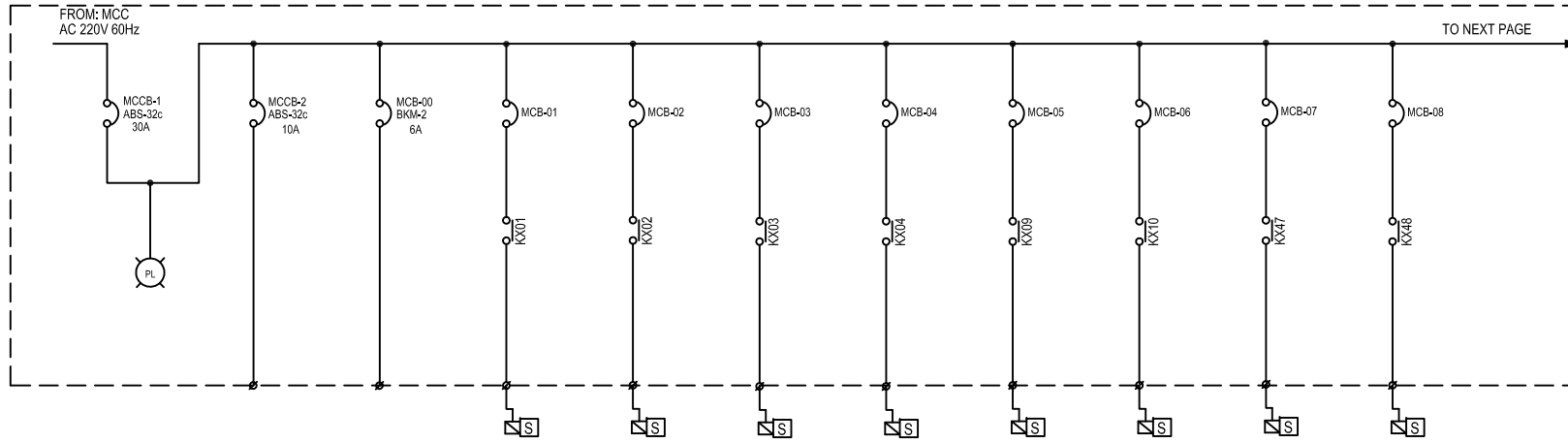
REV.	DATE	DRN	CHKD	APPRD	DESCRIPTION
CLIENT					
CONTRACTOR					
 (주)호원아이앤씨 HWWIN Instrument & Control Co., Ltd.					
PROJECT					
DESIGNER	TITLE				
DRAWN	CONTROL PANEL				
CHECKED	PILOT LAMP DETAIL(LEFT)				
APPROVED					
SCALE	DATE DRAWN	DATE NO.			

	NAME	SPECIFICATION	MAKERS
1	PILOT LAMP (LED)	YSPL2-AL22R, 25Ø, AC 220V, RED	Yong Sung
2	PILOT LAMP (LED)	YSPL2-AL22G, 25Ø, AC 220V, GREEN	Yong Sung
3			

< FRONT RIGHT SIDE DETAIL >

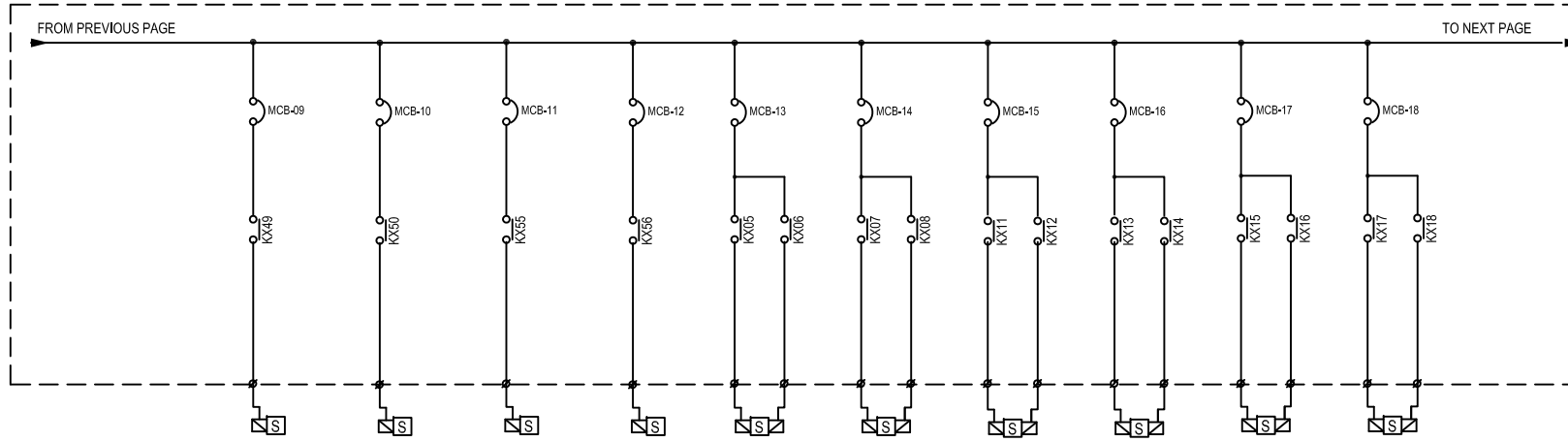


REV.	DATE	DRN	CHKD	APPRD	DESCRIPTION
CLIENT					
CONTRACTOR					
 (주)호원아이앤씨 HWWIN Instrument & Control Co., Ltd.					
PROJECT					
DESIGNER	TITLE				
DRAWN	CONTROL PANEL				
CHECKED	PILOT LAMP DETAIL(RIGHT)				
APPROVED					
SCALE	DATE DRAWN	DATE NO.			
NO.					
DESIGN CLASSIFICATION	CLIENT DRAWING NO.				



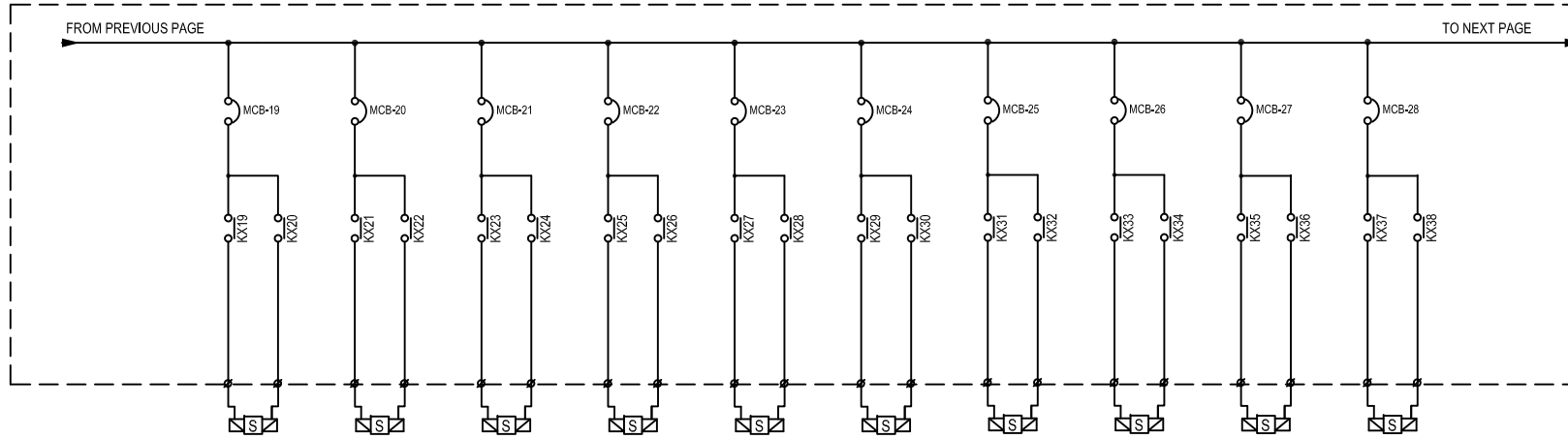
FEEDER NO.	F01	F02	F03	F04	F05	F06	F07	F08	F09	F10	MAKER	
TAG NO.			EV 4501A	EV 4501B	EV 4511A	EV 4511B	EV 3705	EV 3706	EV 3850	EV 3851		
FEEDER NAME	SEQUENCE POWER	PANEL LIGHTING	A SAFETY SHUT-OFF VV	B SAFETY SHUT-OFF VV	A SAFETY SHUT-OFF VV	B SAFETY SHUT-OFF VV	LEFT PURGE VV	RIGHT PURGE VV	AIR L REVERSAL VV	AIR R REVERSAL VV		
CAPACITY	VA		10	10	10	10	10	10	10	10		
MCCB	AF/AT	ABS-32C/10A	BKM-b 2P 6A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	LG 산전
CT RATIO	A	-	-	-	-	-	-	-	-	-	-	
A-METER	A	-	-	-	-	-	-	-	-	-	-	
M.C	M	F	H1	-	-	-	-	-	-	-	-	
	D	R	L	-	-	-	-	-	-	-	-	
	S		H2	-	-	-	-	-	-	-	-	
EOCT & TH	A	-	-	-	-	-	-	-	-	-		
POWER TB	A	15	15	15	15	15	15	15	15	15		
CABLE SIZE	SQ	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5		
UNIT TYPE		-	-	E-2	E-2	E-2	E-2	E-2	E-2	E-2		
UNIT SIZE	mm	-	-	-	-	-	-	-	-	-		
SEQUENCE TYPE		-	-	-	-	-	-	-	-	-		
OPTR	VA	-	-	-	-	-	-	-	-	-		
REMARK		-	-	-	-	-	-	-	-	-		

REV.	DATE	DRN	CHG	APPD	DESCRIPTION
CONTRACTOR					
 (주)호원아이앤씨 HWM Instrument & Control Co., Ltd.					
PROJECT					
DESIGNED BY	TITLE				
DRAWN	CONTROL PANEL				
CHECKED	SINGLE LINE DIAGRAM				
APPROVED	SCALE	DATE DRAWN	DATE NO.	REV.	



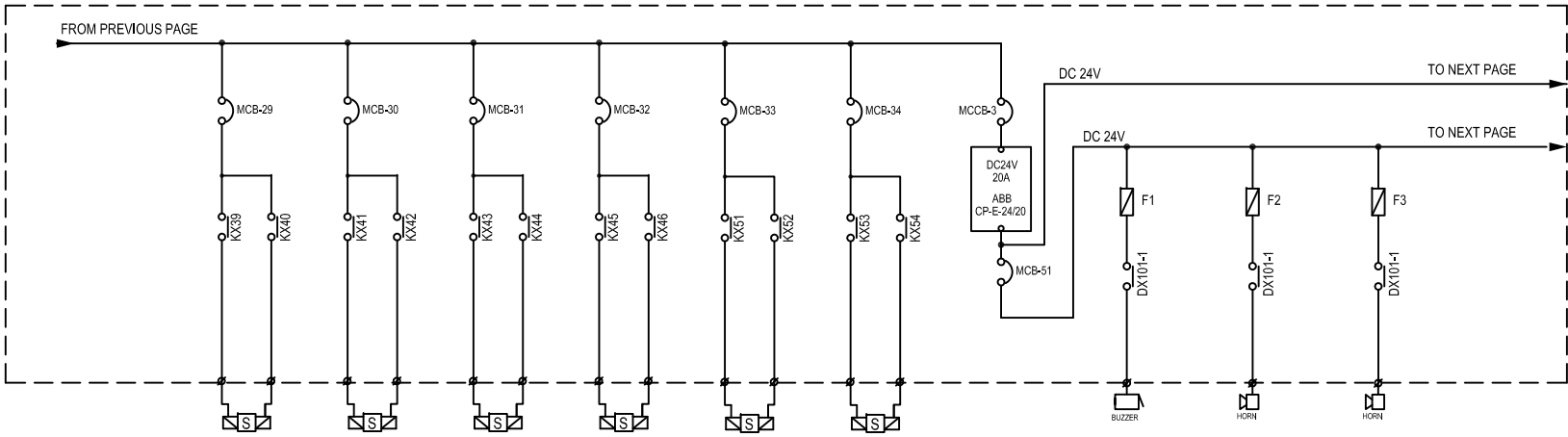
FEEDER NO.	F11	F12	F13	F14	F15	F16	F17	F18	F19	F20	MAKER	
TAG NO.	-	-			EV 3703	EV 3704	EV 3801L	EV 3802L	EV 3803L	EV 3804L		
FEEDER NAME	PETRO COKE LEFT REVERSAL V/V	PETRO COKE RIGHT REVERSAL V/V	SPARE	SPARE	LEFT ST V/V	RIGHT ST V/V	SECONDARY AIR PORT 1L	SECONDARY AIR PORT 2L	SECONDARY AIR PORT 3L	SECONDARY AIR PORT 4L		
CAPACITY	VA 10	10	10	10	10	10	10	10	10	10		
MCCB	AF/AT BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	LG 산전
CT RATIO	A -	-	-	-	-	-	-	-	-	-	-	
A-METER	A -	-	-	-	-	-	-	-	-	-	-	
M.C	M F H1 -	-	-	-	-	-	-	-	-	-	-	
	D R L -	-	-	-	-	-	-	-	-	-	-	
	S H2 -	-	-	-	-	-	-	-	-	-	-	
EOCT & TH	A -	-	-	-	-	-	-	-	-	-	-	
POWER TB	A 15	15	15	15	15	15	15	15	15	15		
CABLE SIZE	SQ 2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5		
UNIT TYPE	E-2	E-2	E-2	E-2	E-1	E-1	E-1	E-1	E-1	E-1		
UNIT SIZE	mm -	-	-	-	-	-	-	-	-	-	-	
SEQUENCE TYPE	-	-	-	-	-	-	-	-	-	-	-	
OPTR	VA -	-	-	-	-	-	-	-	-	-	-	
REMARK	-	-	-	-	-	-	-	-	-	-	-	

REV.	DATE	DRN	CHKD	APPR	DESCRIPTION
CLIENT					
CONTRACTOR					
(주)호원아이앤씨 HWM Instrument & Control Co., Ltd.					
PROJECT					
DESIGNED BY	TITLE				
DRAWN	CONTROL PANEL				
CHECKED	SINGLE LINE DIAGRAM				
APPROVED					
SCALE	DATE DRAWN	DATE	DATE NO.		
NO.					
DESIGN CLASSIFICATION					



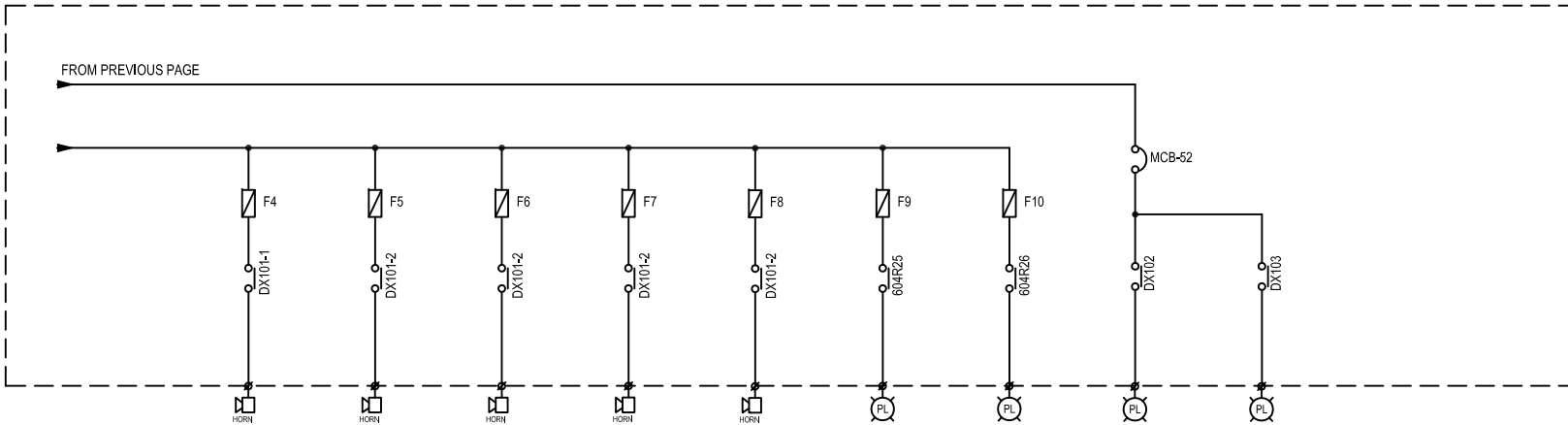
FEEDER NO.		F21	F22	F23	F24	F25	F26	F27	F28	F29	F30	MAKER
TAG NO.		EV 3805L	EV 3806L	EV 3807L	EV 3808L	EV 3809L	EV 3801R	EV 3802R	EV 3803R	EV 3804R	EV 3805R	
FEEDER NAME		SECONDARY AIR PORT 5L	SECONDARY AIR PORT 6L	SECONDARY AIR PORT 7L	SECONDARY AIR PORT 8L	SECONDARY AIR PORT 9L	SECONDARY AIR PORT 1R	SECONDARY AIR PORT 2R	SECONDARY AIR PORT 3R	SECONDARY AIR PORT 4R	SECONDARY AIR PORT 5R	
CAPACITY	VA	10	10	10	10	10	10	10	10	10	10	
MCCB	AF/AT	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	LG 산전
CT RATIO	A	-	-	-	-	-	-	-	-	-	-	
A-METER	A	-	-	-	-	-	-	-	-	-	-	
M.C	M	-	-	-	-	-	-	-	-	-	-	
	F	-	-	-	-	-	-	-	-	-	-	
	H1	-	-	-	-	-	-	-	-	-	-	
S	R	-	-	-	-	-	-	-	-	-	-	
	L	-	-	-	-	-	-	-	-	-	-	
S	H2	-	-	-	-	-	-	-	-	-	-	
	H1	-	-	-	-	-	-	-	-	-	-	
EOCT & TH	A	-	-	-	-	-	-	-	-	-	-	
POWER TB	A	15	15	15	15	15	15	15	15	15	15	
CABLE SIZE	SQ	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
UNIT TYPE		E-1	E-1	E-1	E-1	E-1	E-1	E-1	E-1	E-1	E-1	
UNIT SIZE	mm	-	-	-	-	-	-	-	-	-	-	
SEQUENCE TYPE		-	-	-	-	-	-	-	-	-	-	
OPTR	VA	-	-	-	-	-	-	-	-	-	-	
REMARK		-	-	-	-	-	-	-	-	-	-	

REV.	DATE	DRN	CHKD	APPR	DESCRIPTION
CONTRACTOR					
 (주)호원아이앤씨 HWM Instrument & Control Co., Ltd.					
PROJECT					
DESIGNED BY	TITLE				
DRAWN	CONTROL PANEL				
CHECKED	SINGLE LINE DIAGRAM				
APPROVED					
SCALE	DATE DRAWN	DATE	DATE	DATE	DATE



FEEDER NO.		F31	F32	F33	F34	F35	F36	F37	F38	F39	F40	MAKER
TAG NO.		EV 3806R	EV 3807R	EV 3808R	EV 3809R	EV 3853L	EV 3853R					
FEEDER NAME		SECONDARY AIR PORT 6R	SECONDARY AIR PORT 7R	SECONDARY AIR PORT 8R	SECONDARY AIR PORT 9R	BURNER COOLING LEFT EV VALVE	BURNER COOLING RIGHT EV VALVE	DC POWER SUPPLY	CONTROL ROOM REVERSAL KLAXON	LEFT PORT 1	LEFT PORT 2	
CAPACITY	VA	10	10	10	10	10	10					
MCCB	AF/AT	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 2A	BKM-b 2P 10A	-	-	-	LG 산전
CT RATIO	A	-	-	-	-	-	-	-	-	-	-	-
A-METER	A	-	-	-	-	-	-	-	-	-	-	-
M.C	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
	H1	-	-	-	-	-	-	-	-	-	-	-
S	D	-	-	-	-	-	-	-	-	-	-	-
	R	-	-	-	-	-	-	-	-	-	-	-
S	L	-	-	-	-	-	-	-	-	-	-	-
	H2	-	-	-	-	-	-	-	-	-	-	-
EOCT & TH	A	-	-	-	-	-	-	-	-	-	-	-
POWER TB	A	15	15	15	15	15	15	-	15	15	15	-
CABLE SIZE	SQ	2.5	2.5	2.5	2.5	2.5	2.5	-	2.5	2.5	2.5	-
UNIT TYPE		E-1	E-1	E-1	E-1	E-1	E-1	-	-	-	-	-
UNIT SIZE	mm	-	-	-	-	-	-	-	-	-	-	-
SEQUENCE TYPE		-	-	-	-	-	-	-	-	-	-	-
OPTR	VA	-	-	-	-	-	-	-	-	-	-	-
REMARK		-	-	-	-	-	-	-	FUSE 2A	FUSE 4A	FUSE 4A	-

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
CLIENT					
CONTRACTOR					
(주)호원아이앤씨 HWM Instrument & Control Co., Ltd.					
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DESIGNED BY	TITLE				
DRAWN	CONTROL PANEL				
CHECKED	SINGLE LINE DIAGRAM				
APPROVED					
SCALE	DATE DRAWN	DRAWN NO.			



FEEDER NO.	F41	F42	F43	F44	F45	F46	F47	F48	F49		MAKER
TAG NO.											
FEEDER NAME	LEFT FRAME	CENTER FRAME	RIGHT FRAME	OIL PREPARATION ROOM	SECONDARY AIR E/V VALVE	LEFT FLAME ON (1F BATCH CHARGER FRONT)	RIGHT FLAME ON (1F BATCH CHARGER FRONT)	NORMAL POWER	EMERGENCY POWER		
CAPACITY	VA										
MCCB	AF/AT	-	-	-	-	-	-	BKM-b 2P 6A			LG 산전
CT RATIO	A	-	-	-	-	-	-	-	-		
A-METER	A	-	-	-	-	-	-	-	-		
M.C	M	-	-	-	-	-	-	-	-		
	F	-	-	-	-	-	-	-	-		
	H1	-	-	-	-	-	-	-	-		
S	D	-	-	-	-	-	-	-	-		
	R	-	-	-	-	-	-	-	-		
L	L	-	-	-	-	-	-	-	-		
	H2	-	-	-	-	-	-	-	-		
EOCT & TH	A	-	-	-	-	-	-	-	-		
POWER TB	A	15	15	15	15	15	15	15	15		
CABLE SIZE	SQ	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5		
UNIT TYPE		-	-	-	-	-	-	-	-		
UNIT SIZE	mm	-	-	-	-	-	-	-	-		
SEQUENCE TYPE		-	-	-	-	-	-	-	-		
OPTR	VA	-	-	-	-	-	-	-	-		
REMARK		FUSE 4A	FUSE 4A	FUSE 4A	FUSE 4A	FUSE 4A	FUSE 2A	FUSE 2A	-	-	

REV.	DATE	DRN	CHKD	APPR	DESCRIPTION
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PROJECT					
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DRAWN	CONTROL PANEL				
CHECKED	SINGLE LINE DIAGRAM				
APPROVED					
SCALE	DATE DRAWN	DRAWING NO.			