



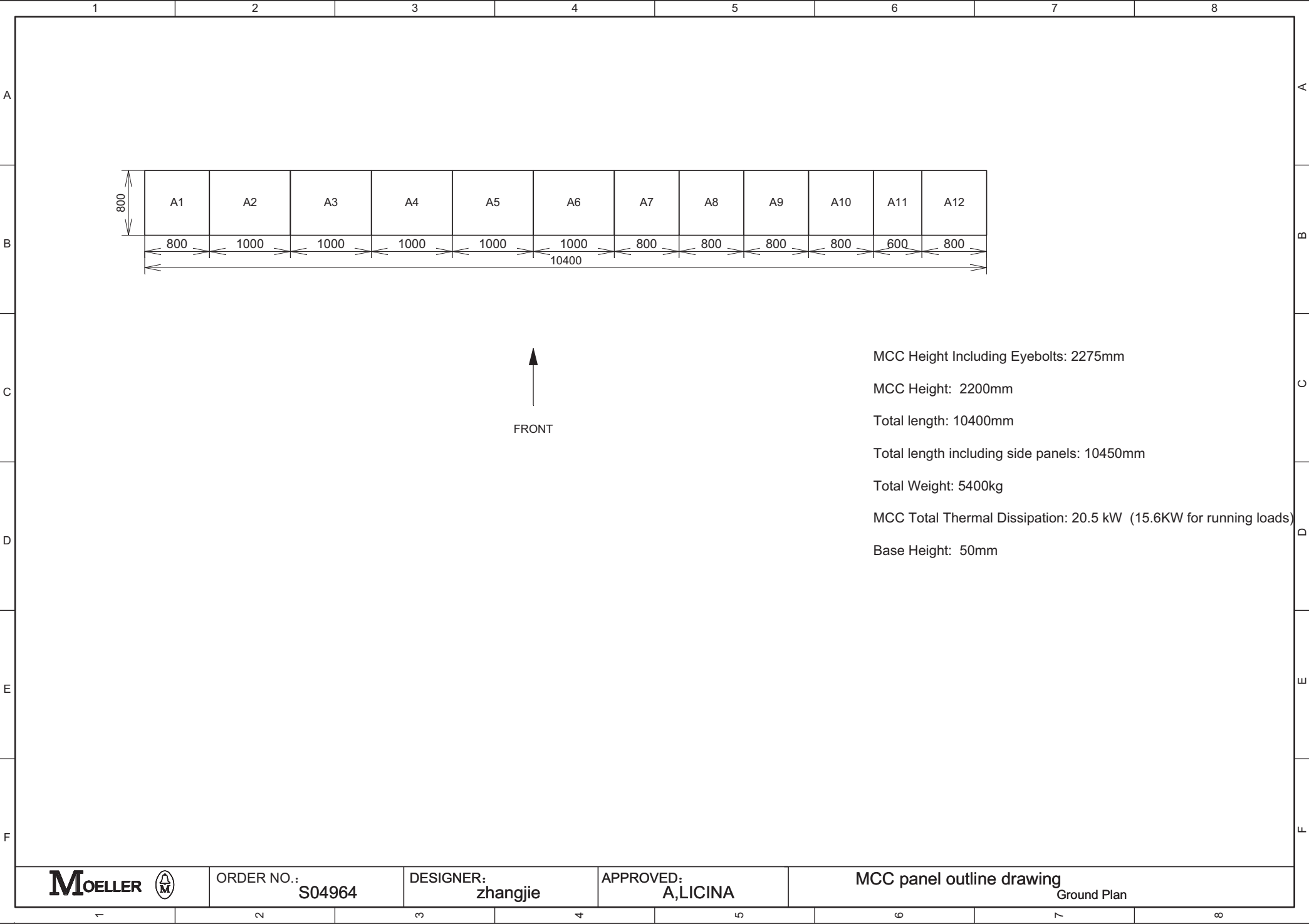


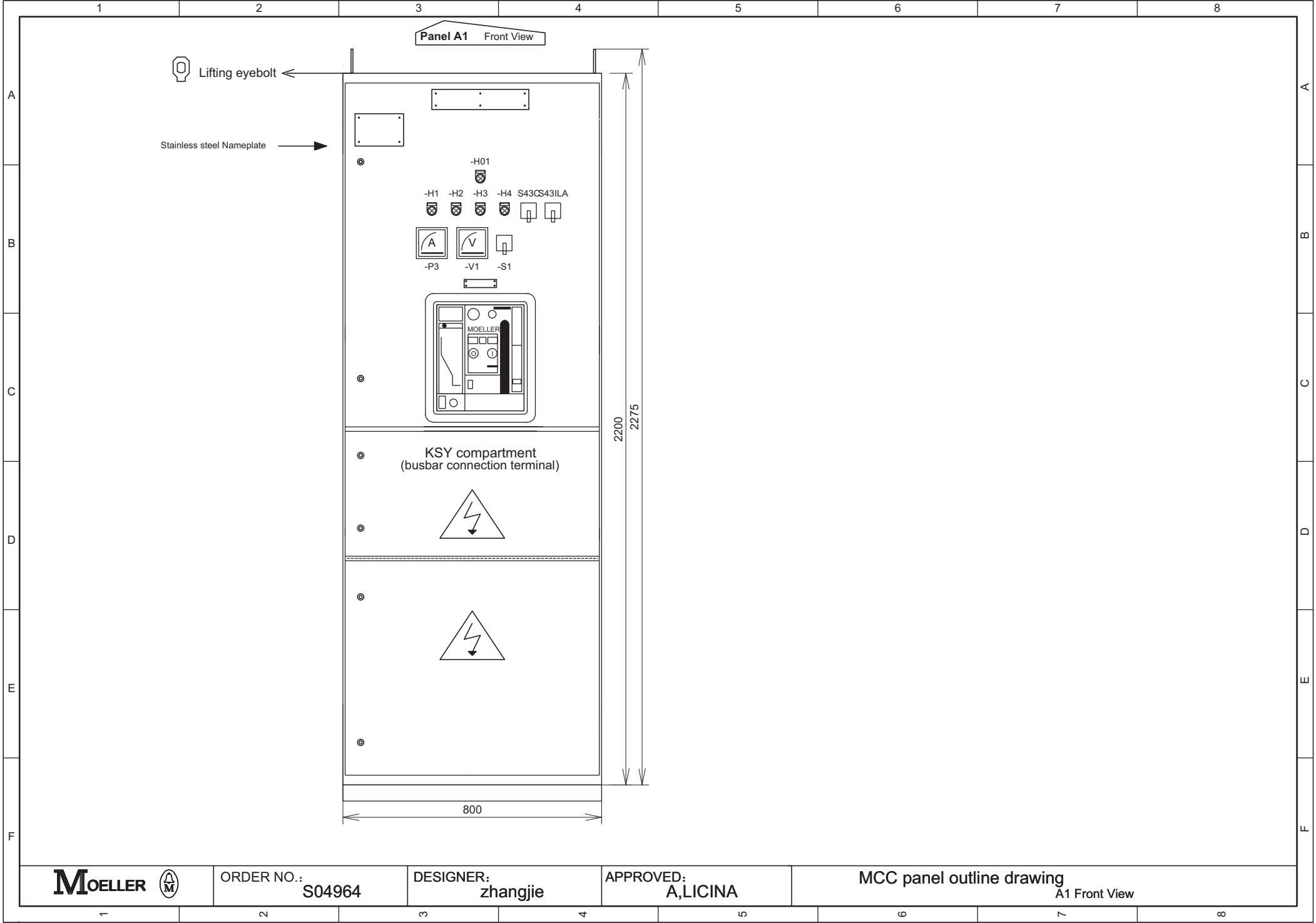
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FOGLIO SHEET	REVISIONE - REVISION										DESCRIZIONE - DESCRIPTION	FOGLIO SHEET	REVISIONE - REVISION										DESCRIZIONE - DESCRIPTION
	0	1	2	3	4	5	6	7	8	9			0	1	2	3	4	5	6	7	8	9	
A	1				X						GENERAL INFORMATION	29	X									Bottom Plate	
	2				X						TITLE-INDEX-REVISIONS	30	X									SYMBOL EXPLANATION IN BUSBAR VIEW DRAWING	
	3	X									GENERAL NOTE	31	X									Busbar View	
	4					X					CONSTRUCTIVE AND TECHNICAL DATA	32	X									Busbar View	
B	5				X						CONSTRUCTIVE AND TECHNICAL DATA	33	X									Busbar View	
	6	X									Ground Plan	34	X									Busbar View	
	7	X									A1 Front View	35	X									Busbar Layout	
	8	X									A1 Inside View	36	X									Busbar Layout	
C	9		X								A2 Front View	37	X									Busbar Layout	
	10					X					A2 Inside View	38	X									Busbar Layout	
	11		X								A3 Front View	39		X								SWITCHGEAR NAMEPLATE	
	12					X					A3 Inside View	40			X							CIRCUIT NAMEPLATE	
D	13		X								A4 Front View	41		X								CIRCUIT NAMEPLATE	
	14					X					A4 Inside View	42		X								SYSTEM NAMEPLATE	
	15		X								A5 Front View												
	16					X					A5 Inside View												
E	17	X									A6 Front View												
	18					X					A6 Inside View												
	19	X									A7~A10 Front View												
	20	X									A7~A10 Inside View												
F	21		X								A11 Front View												
	22	X									A11 Inside View												
	23	X									A12 Front View												
	24	X									A12 Inside View												
	25	X									A12 Side View												
	26	X									Bottom Plate												
	27	X									Bottom Plate												
	28	X									Bottom Plate												
		ORDER NO.: S04964		DESIGNER: zhangjie		APPROVED: A,LICINA		MCC panel outline drawing TITLE-INDEX-REVISIONS															

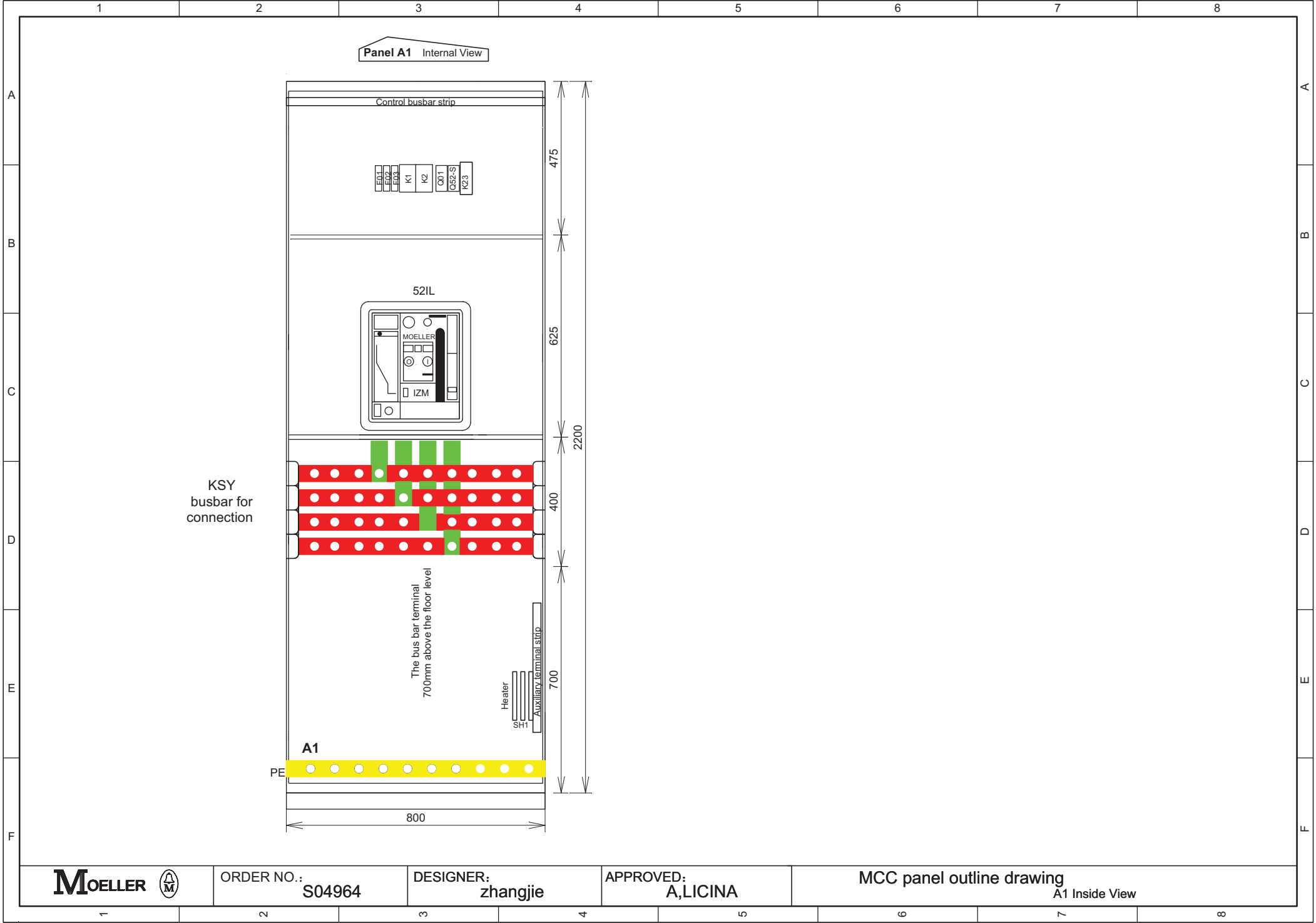
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A	GENERAL NOTE :														A
1) Lamp color:		-RUN:WHITE color													
		-STOP:GREEN color													
		-FAULT:RED color													
B															B
C															C
D															D
E															E
F															F
Moeller		ORDER NO.: S04964		DESIGNER: zhangjie		APPROVED: A,LICINA		MCC panel outline drawing GENERAL NOTE							
1		2		3		4		5		6		7		8	

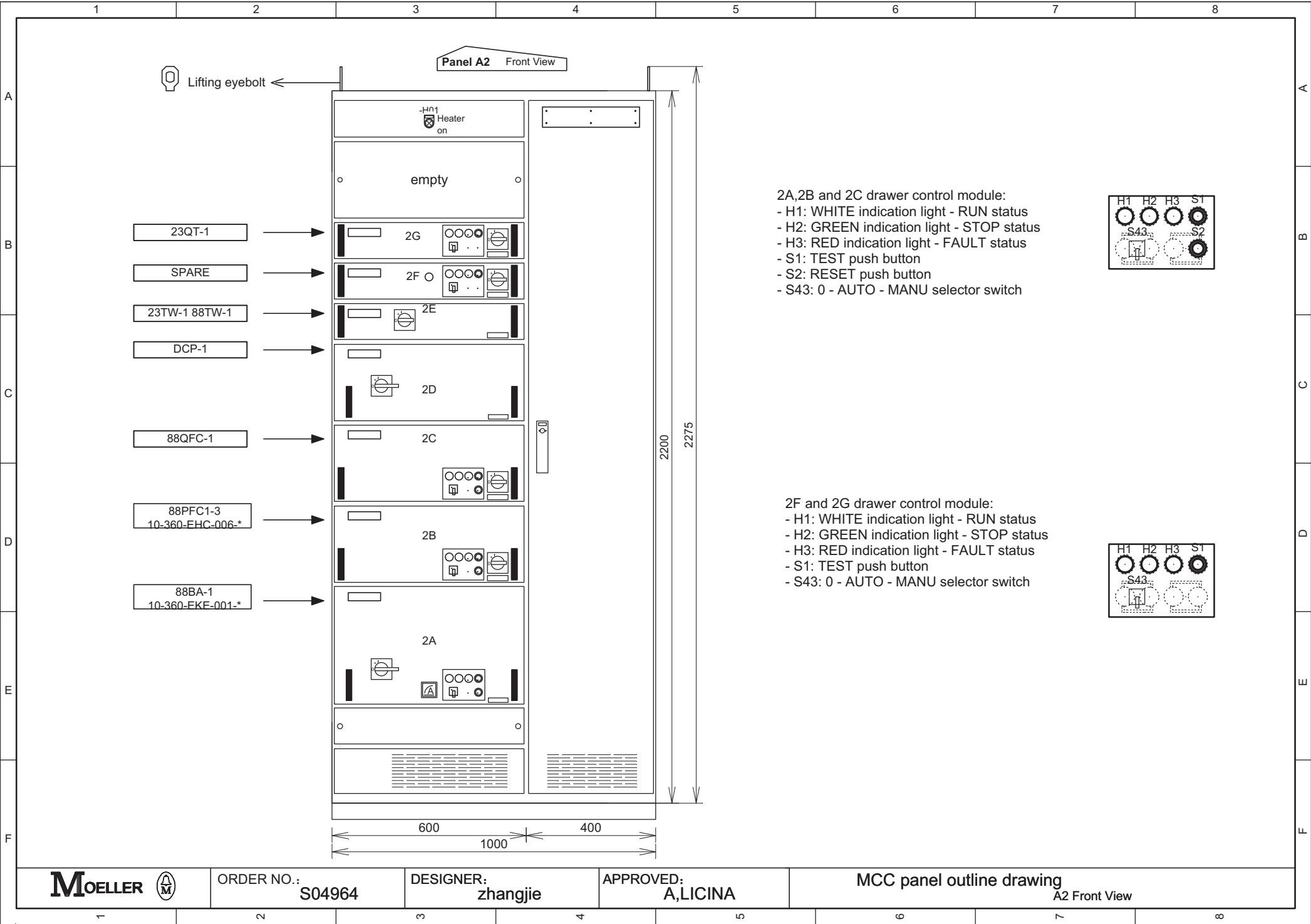
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A	A	General data							
	A1	Standard	<input checked="" type="checkbox"/>	IEC60439-1					
	A2	Contractual language	<input checked="" type="checkbox"/>	ENGLISH					
	A3	Climate	<input checked="" type="checkbox"/>	Desert / Corrosive / Sand storm / Dust / Tropical					
B	A4	Max installation Temp	MIN.	-3 °C	MAX.	+50 °C			
	A5	Relative humidity external	70%						
	A6	Max installation place	1000 m. a.m.s.l.						
	A7	Equipments treatment	<input checked="" type="checkbox"/>	NORMAL					
	A8	EQUIPMENTS LOCATION :	<input checked="" type="checkbox"/>	Indoor					
C	B	Mechanical data							
	B1	Mechanical protection	<input checked="" type="checkbox"/>	IP31					
	B2	Internal partition	<input checked="" type="checkbox"/>	3B For cubcle A1-A6 and A12 / 2B For cubcle A7-A11					
	B3	Supply	Incoming	<input checked="" type="checkbox"/>	Bottom	<input checked="" type="checkbox"/>	Cable		
D			Outgoing	<input checked="" type="checkbox"/>	Bottom	<input checked="" type="checkbox"/>	Cable		
	B4	Bottom plates	<input checked="" type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	Sheet in aluminium(2mm thickness)			
			<input checked="" type="checkbox"/>	RAL-7035	<input checked="" type="checkbox"/>	Not Punched			
	B5	Version	<input checked="" type="checkbox"/>	Single front					
E	B6	Accessibility	<input checked="" type="checkbox"/>	Front					
	B7	Gaskets	<input checked="" type="checkbox"/>	Not					
	B8	Aux. terminals	<input checked="" type="checkbox"/>	Front					
	B9	Locks	<input checked="" type="checkbox"/>	Lockable with key					
F	B10	Ventilation opening	<input checked="" type="checkbox"/>	Natural by Loovers for A1-A6 and A12 / Fan for A7-A11					
Moeller		ORDER NO.: S04964		DESIGNER: zhangjie		APPROVED: A,LICINA		MCC panel outline drawing CONSTRUCTIVE AND TECHNICAL DATA	

	1	2	3	4	5	6	7	8
A	E	Bus bar and power connections			Auxiliary circuits			
	E1	System	<input checked="" type="checkbox"/>	Three phase	G1	Auxiliary connections with copper wire section		1.5mmq Colour BLACK
	E2	Material	<input checked="" type="checkbox"/>	Copper	G2	Auxiliary connections int,draw-out cub.with copper wire sect.		1.5mmq Colour BLACK
	E3	Bars insulation	<input checked="" type="checkbox"/>	Air	<input checked="" type="checkbox"/>	Color coded		1.5mmq Colour BLACK
B	E4	Bars treatment	<input checked="" type="checkbox"/>	Tinning	G4	Voltmetrical connections with copper wire sect.		2.5mmq Colour BLACK
	E5	Joints insulation	<input checked="" type="checkbox"/>	Air	G5	Amperometric connections with copper wire sect.		4mmq Colour BLACK
	E6	Joints treatment	<input checked="" type="checkbox"/>	Tinning	G6	Insulation terminal	Connection marking	
	E7	Bus bar joint/Cable connection	<input checked="" type="checkbox"/>	Stainless steel(no magnetic)	G6	Device marking	<input checked="" type="checkbox"/>	360 slip-on or heat shrink wire markers
C	E8	Power connection bar or cable	Phase R(L1)Mark	BLACK WITH RED SLEEVE	G7	Incomer Control Voltage		<input checked="" type="checkbox"/> 230V A.C UPS
		Cable	<input checked="" type="checkbox"/> 3KV	Phase S(L2)Mark	G8	Earth connections with copper wire section		6 mmq Colour YELLOW/GREEN
			Phase T(L3)Mark	BLACK WITH BLUE SLEEVE	G9	Earth doors connections through door hinges		
			Earth(E)Mark	 YELLOW/GREEN	G10	Feeder Control Voltage		<input checked="" type="checkbox"/> 230V A.C internal
D	E9	Cable	<input checked="" type="checkbox"/>	stranded copper single core flame retardant low smoke and toxic gas emissions no corrosive gas emission 2.5KV-5min voltage test	Final Routine Test			
			<input checked="" type="checkbox"/>	Power	<input checked="" type="checkbox"/>	Control / Auxiliary		As ITN 62801,ITN 62802 in accordance with IEC standards
	E10	Eath bars treatment	<input checked="" type="checkbox"/>	Tinning	Type of wiring			
					Accessories			
E	F	Accessories			Identification Ferrule			
	F1	Lifting board	<input checked="" type="checkbox"/>	Lifting eye bolt	AC	Black		None
	F2	Base iron	<input checked="" type="checkbox"/>	Yes	DC	Black		None
	F3	Space heater & Thermostat	<input checked="" type="checkbox"/>	Yes	Earth	Green/Yellow		None
F	F4	Internal lighting	<input checked="" type="checkbox"/>	Not	Circuit energised from outside the switchgear unit	Orange		None
	F5	Painting box	<input checked="" type="checkbox"/>	Not	TYPE OF CABLE			
	F6	Special key for draw-out cubicle Q=2	<input checked="" type="checkbox"/>	Yes	Power	XLPE		450/750V
	F7	Lamp and fuses set spare	<input checked="" type="checkbox"/>	Yes	Auxiliary	XLPE		450/750V
<div><div><div></div><div>ORDER NO.: S04964</div><div>DESIGNER: zhangjie</div><div>APPROVED: A,LICINA</div><div>MCC panel outline drawing CONSTRUCTIVE AND TECHNICAL DATA</div></div></div>								

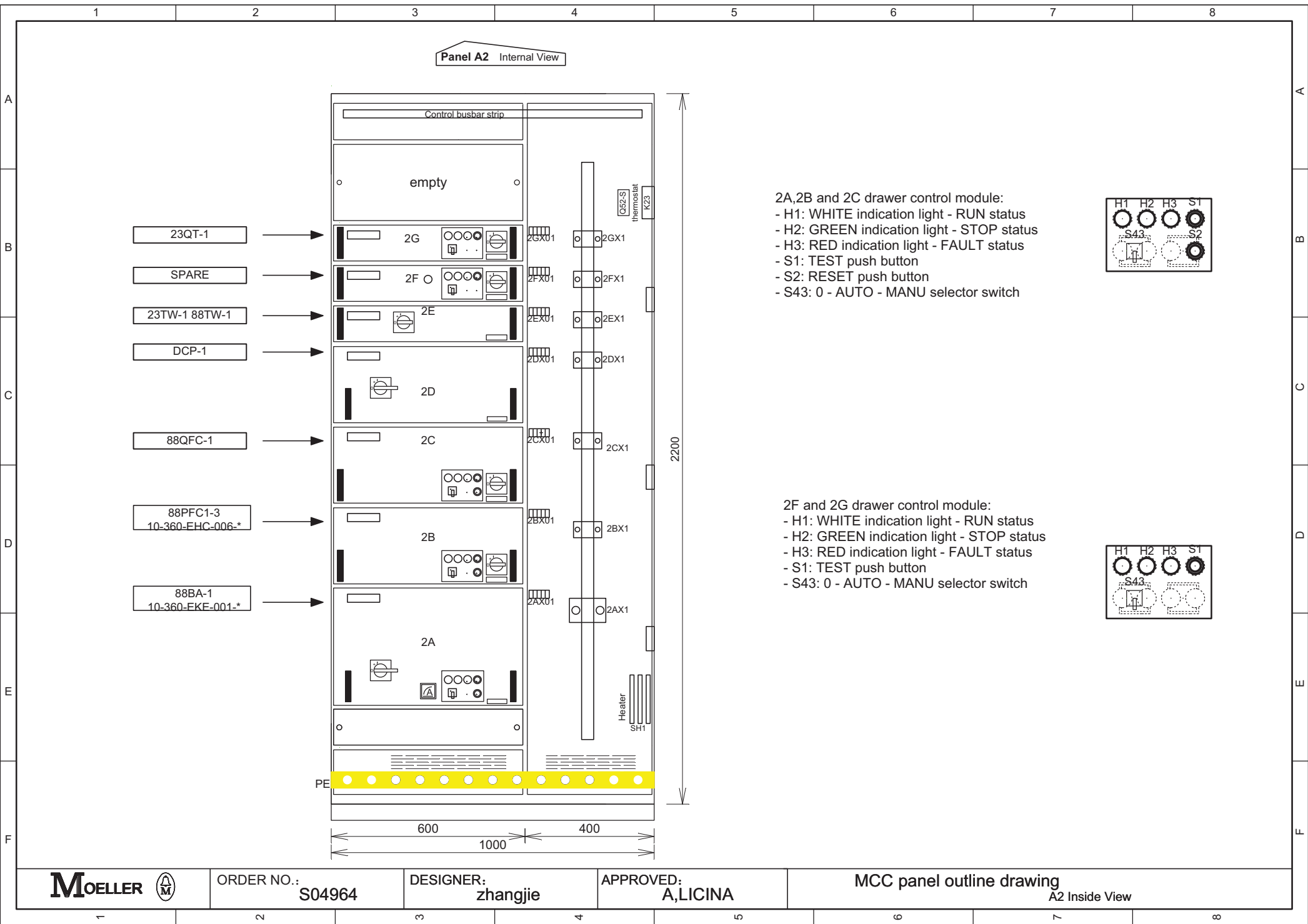


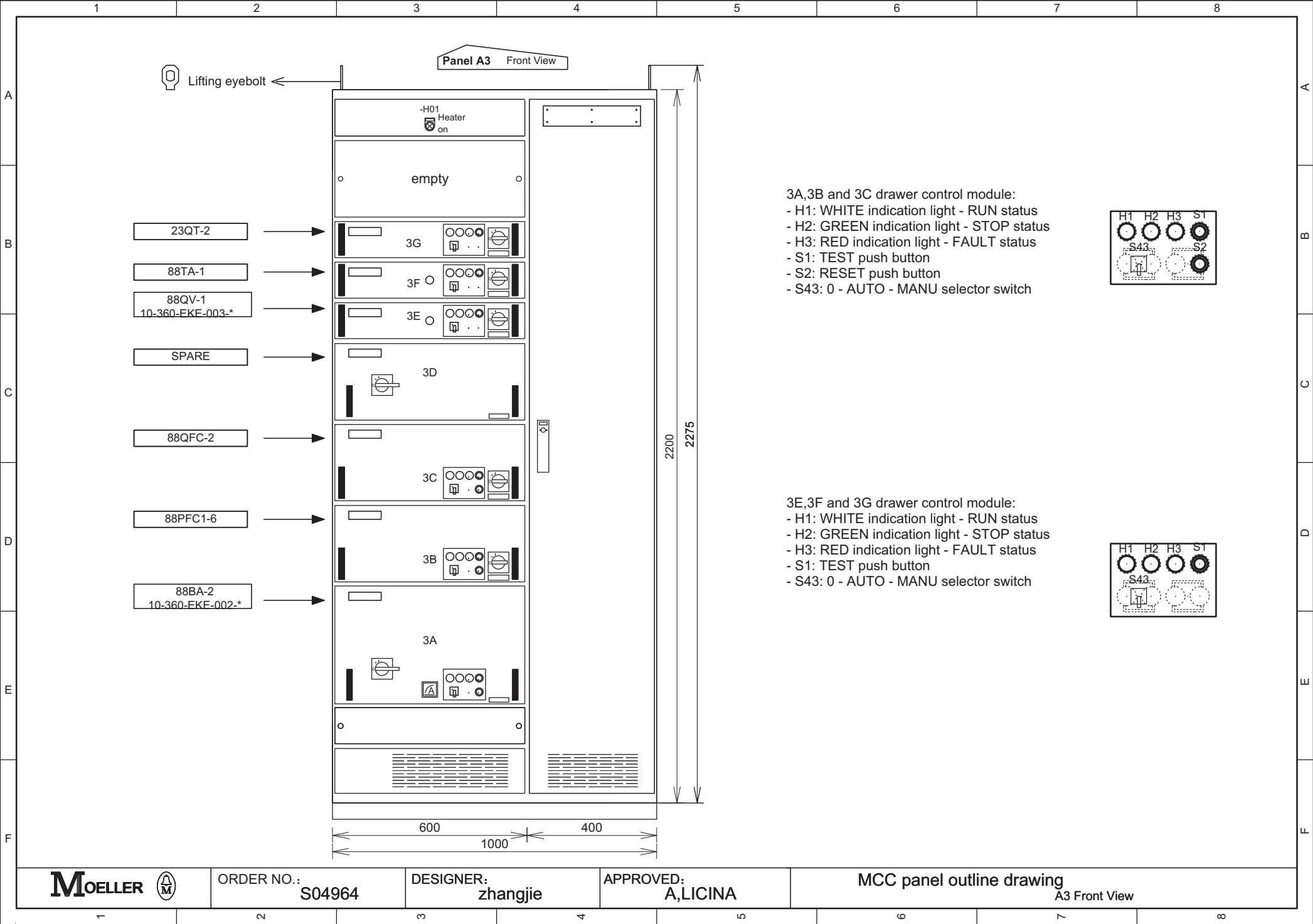


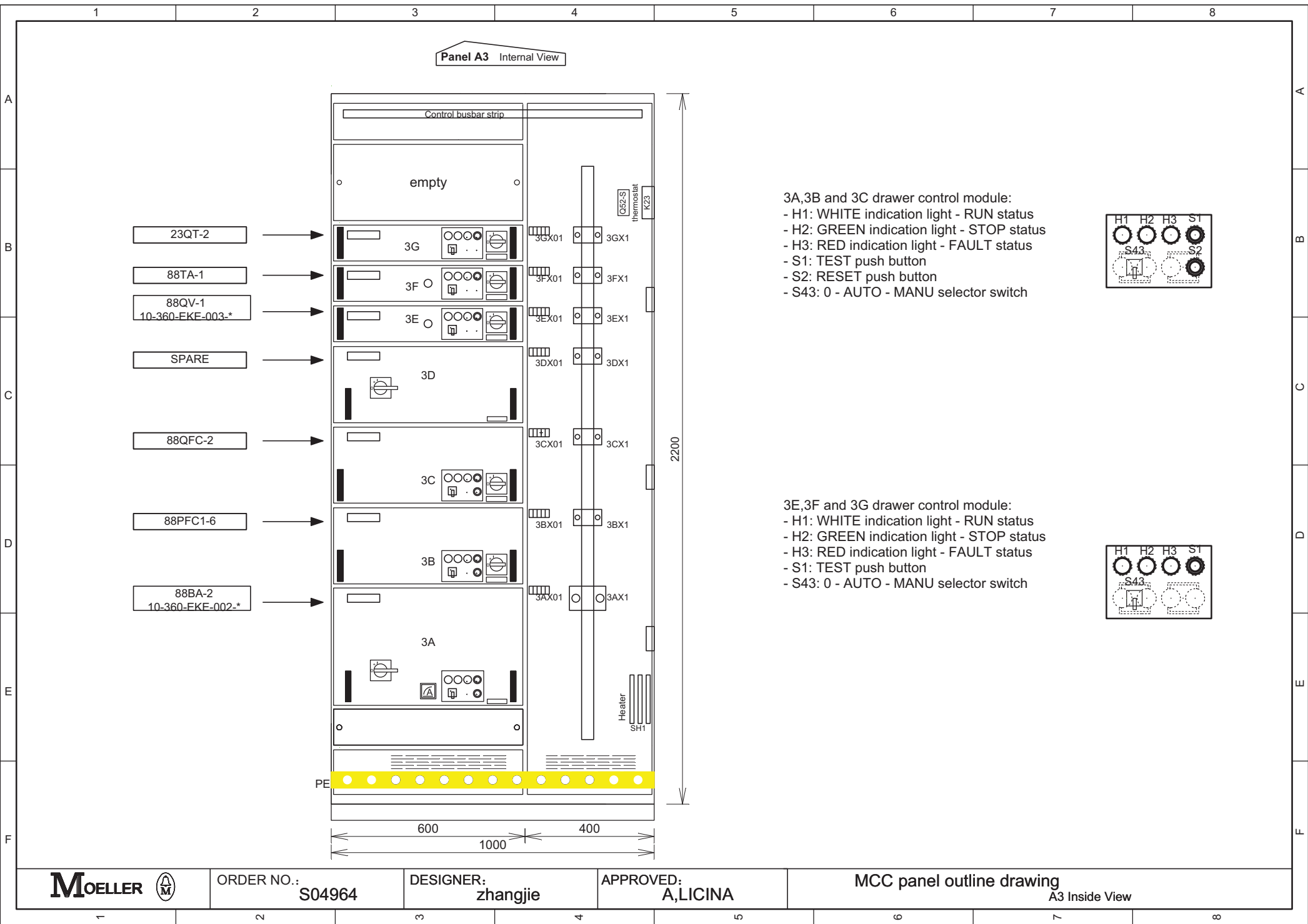




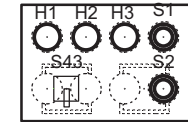




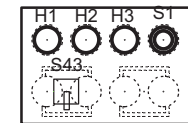




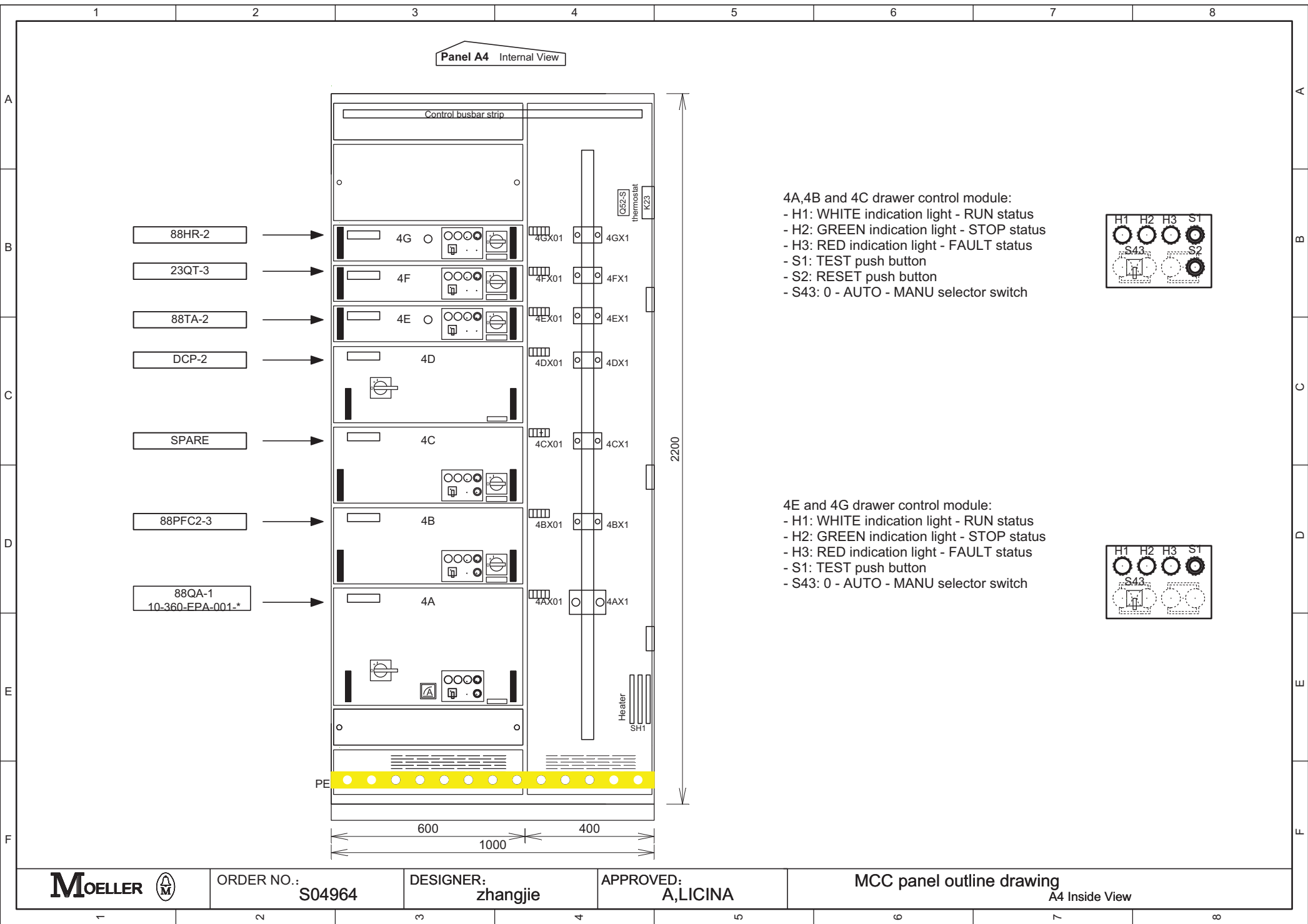
- 3A,3B and 3C drawer control module:
- H1: WHITE indication light - RUN status
  - H2: GREEN indication light - STOP status
  - H3: RED indication light - FAULT status
  - S1: TEST push button
  - S2: RESET push button
  - S43: 0 - AUTO - MANU selector switch

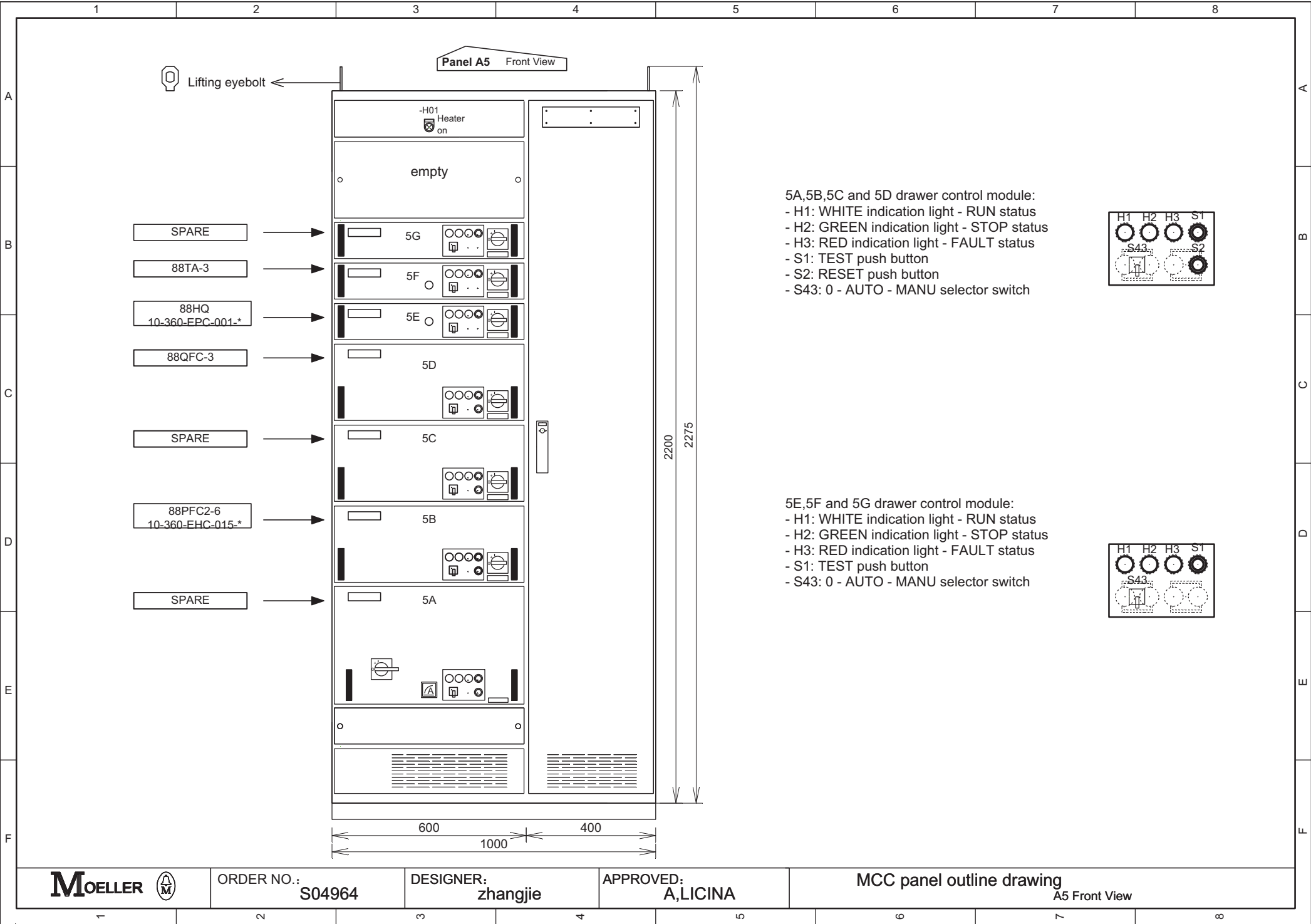


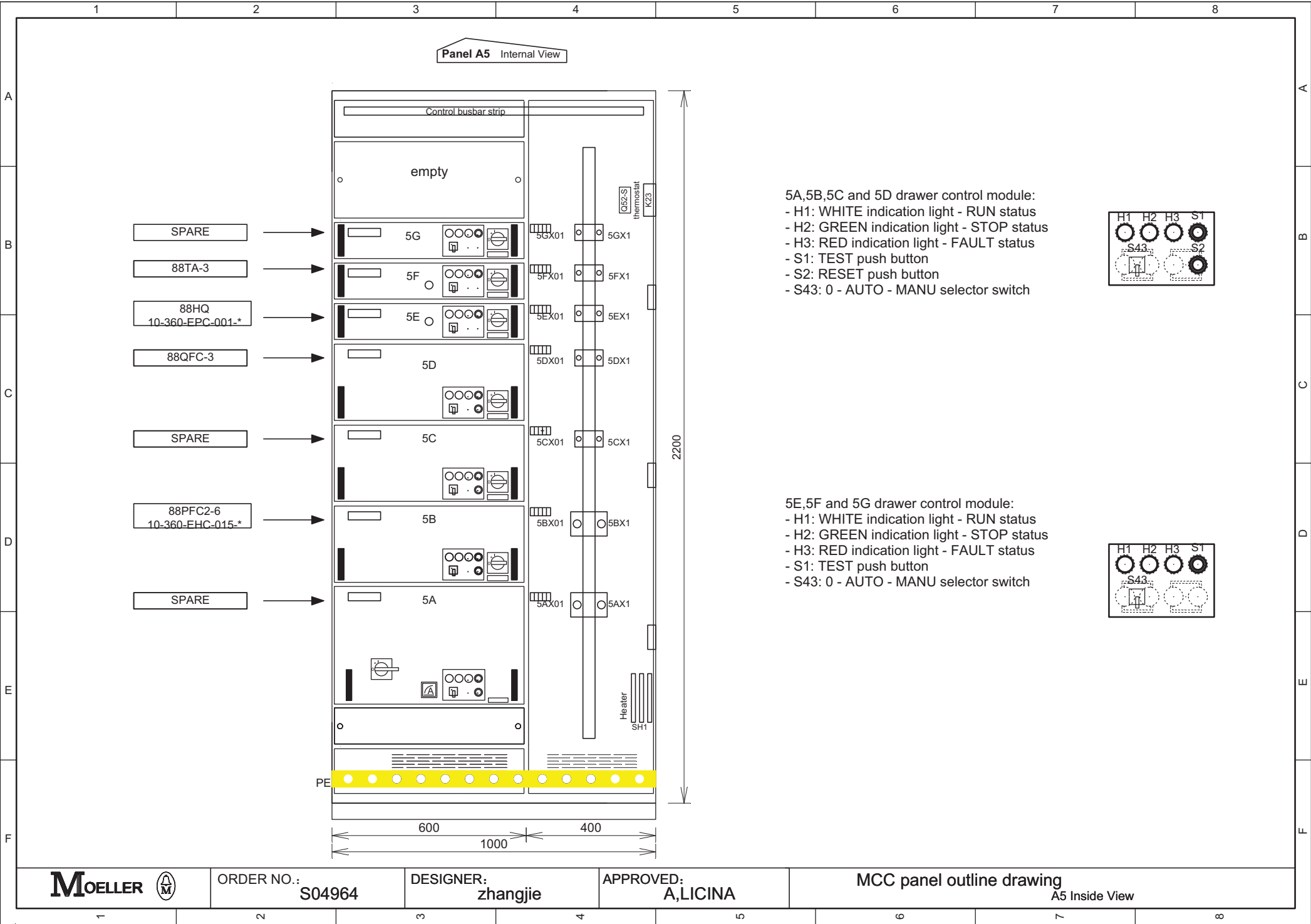
- 3E,3F and 3G drawer control module:
- H1: WHITE indication light - RUN status
  - H2: GREEN indication light - STOP status
  - H3: RED indication light - FAULT status
  - S1: TEST push button
  - S43: 0 - AUTO - MANU selector switch

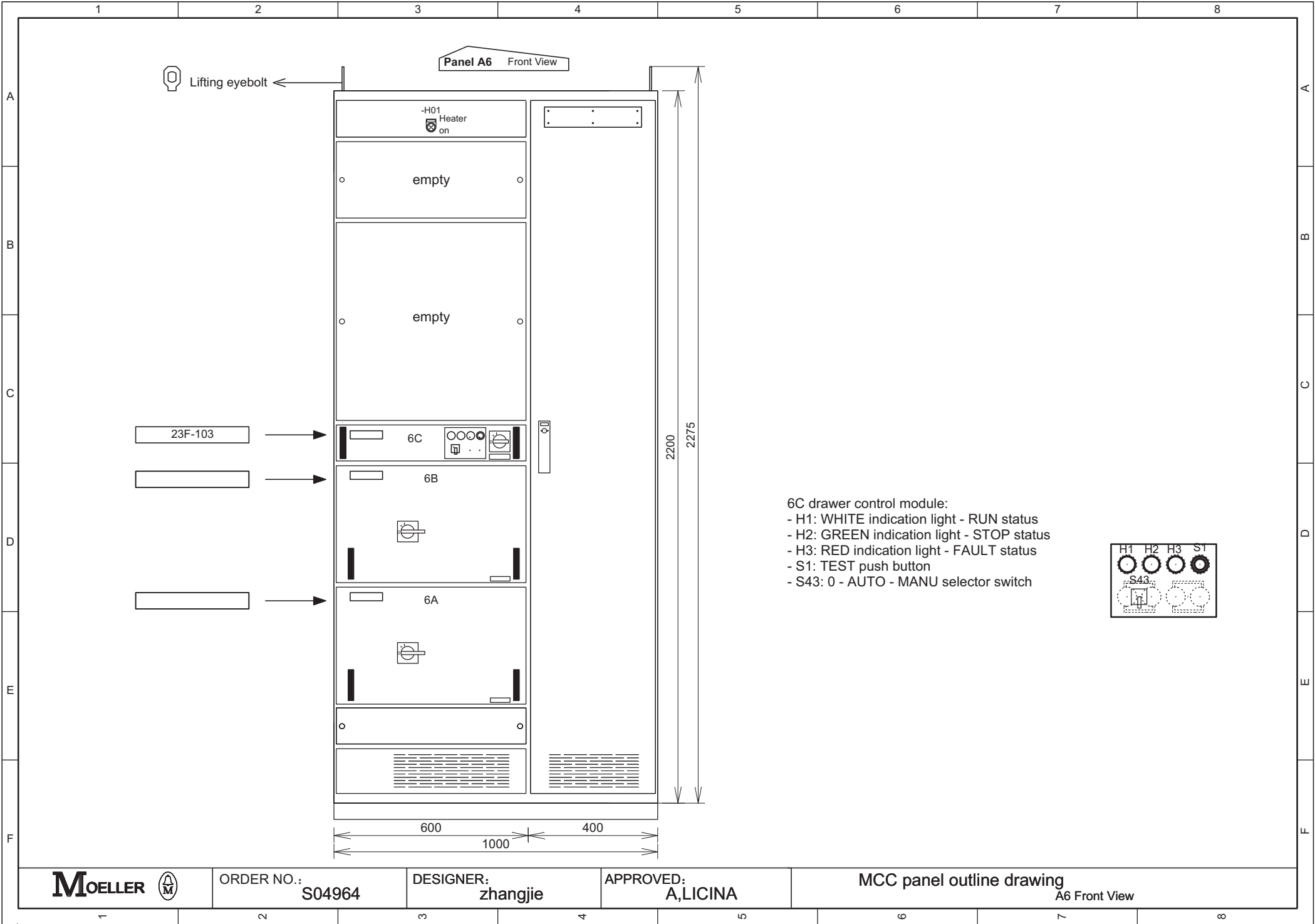




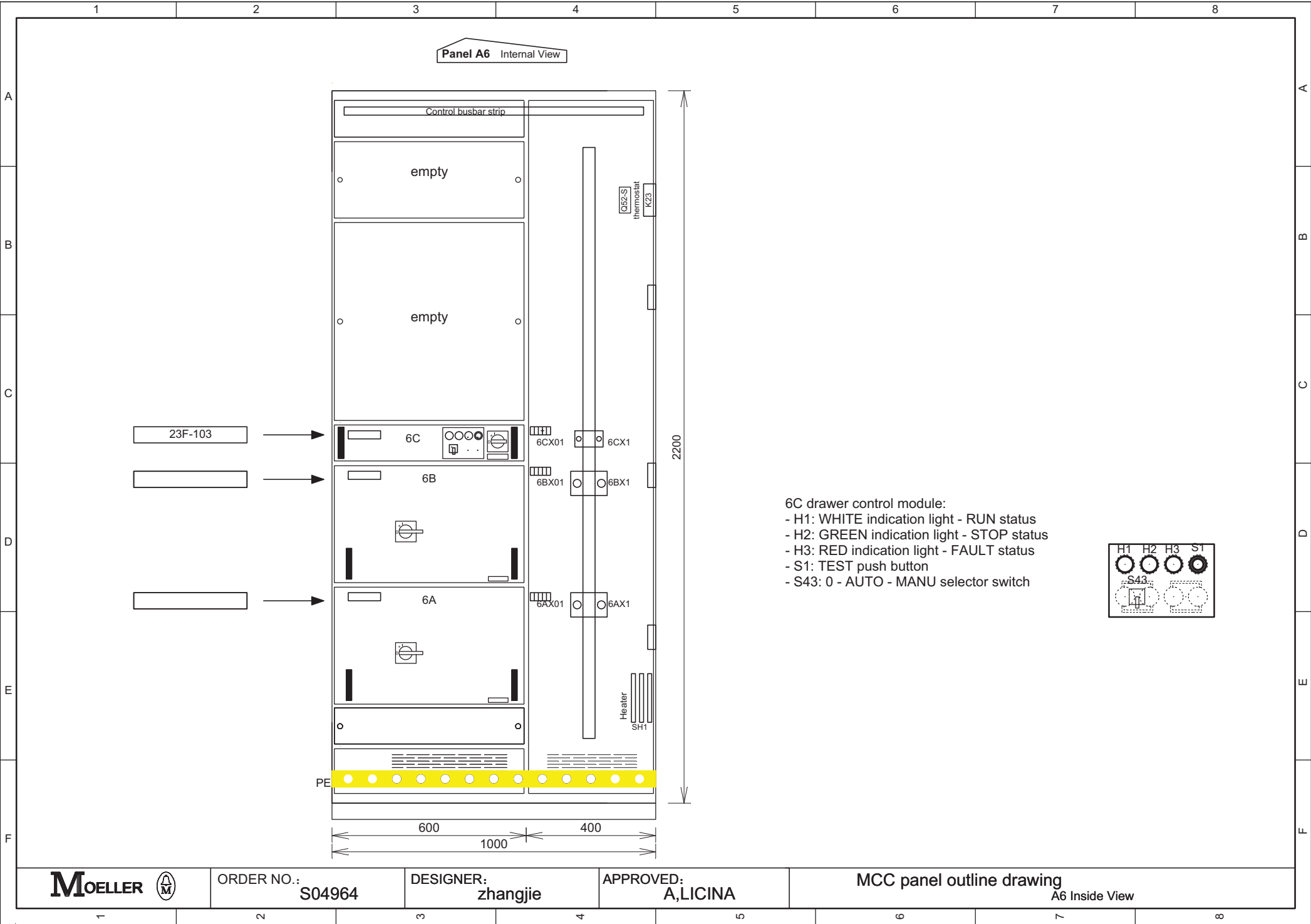


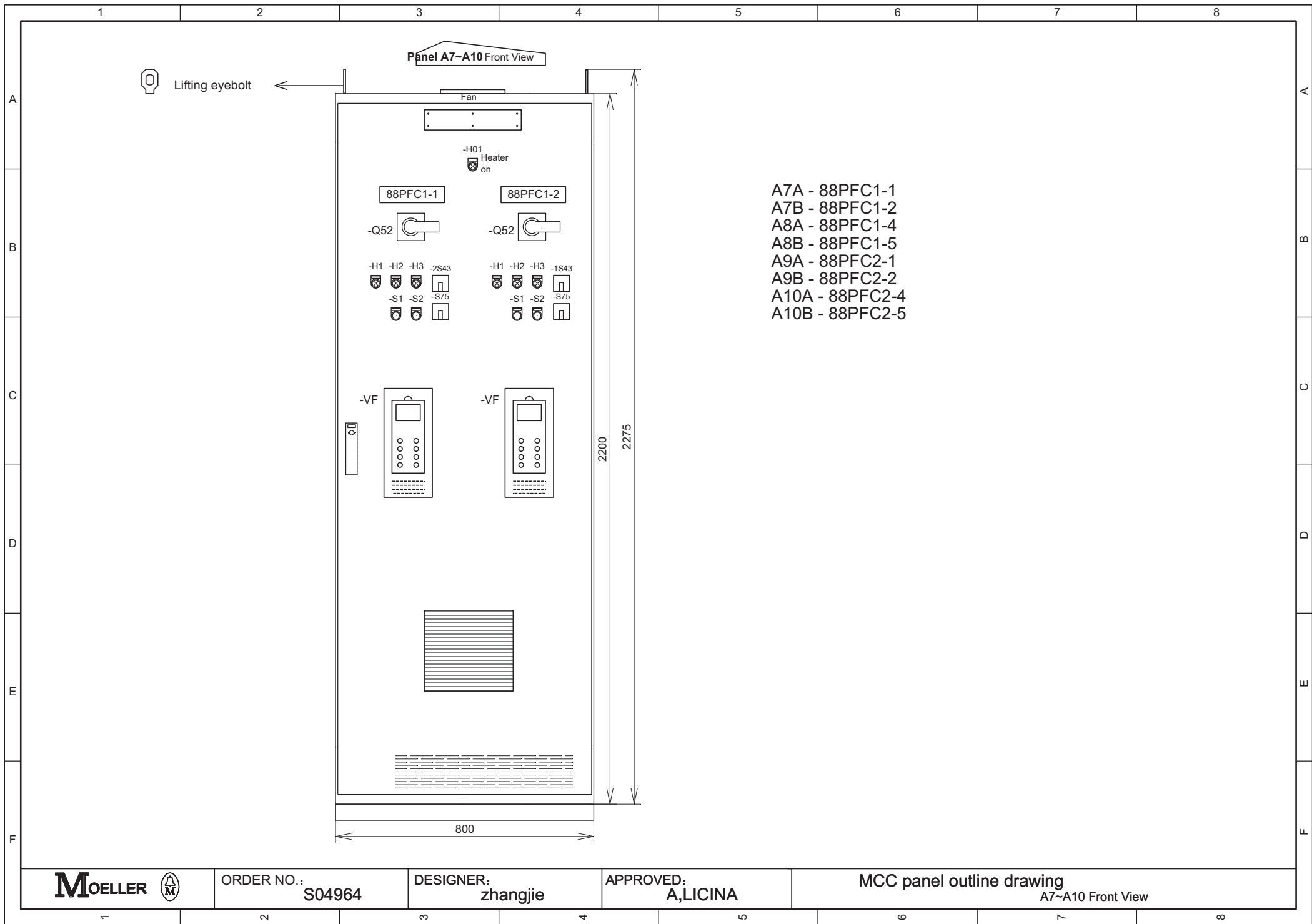


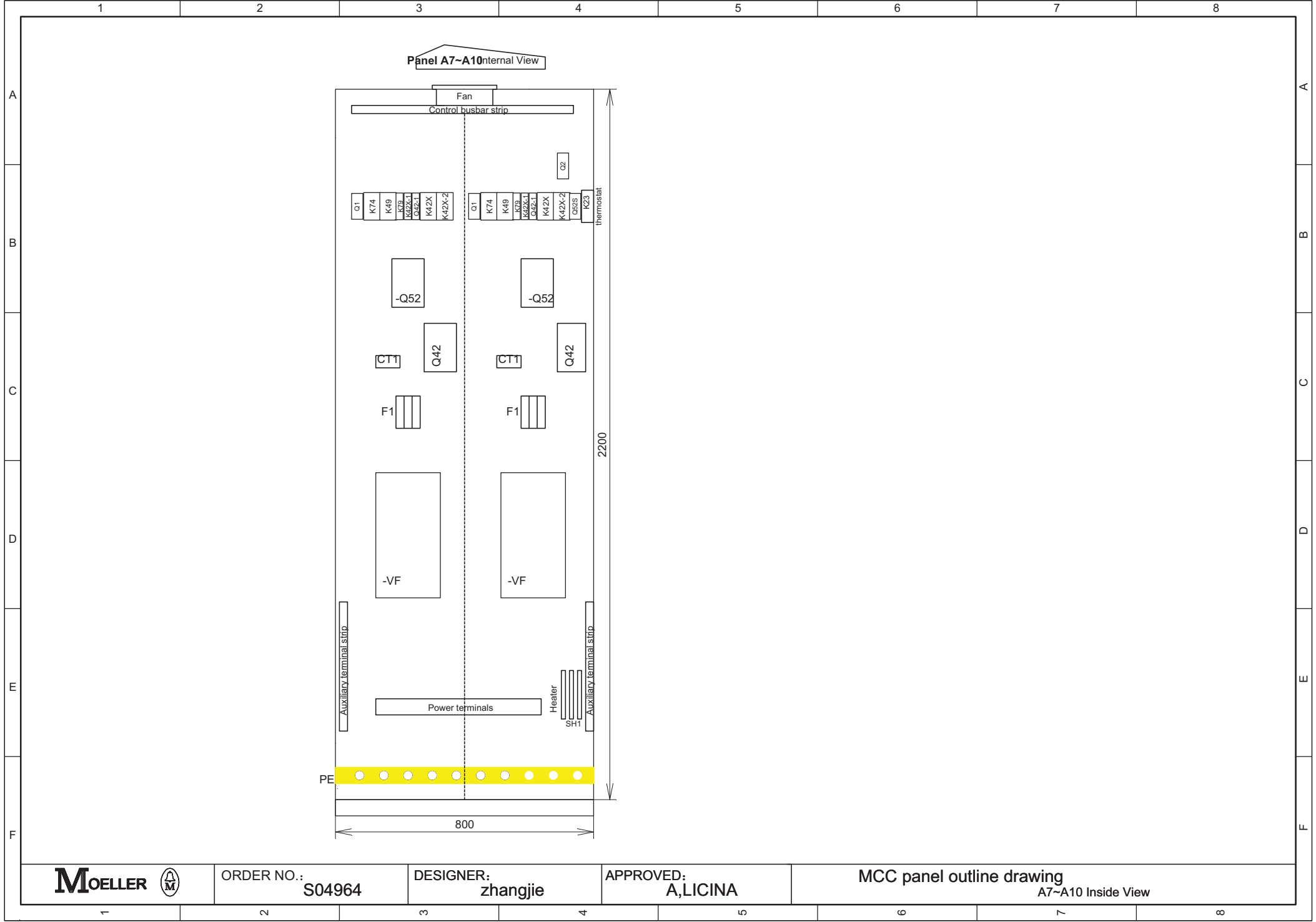


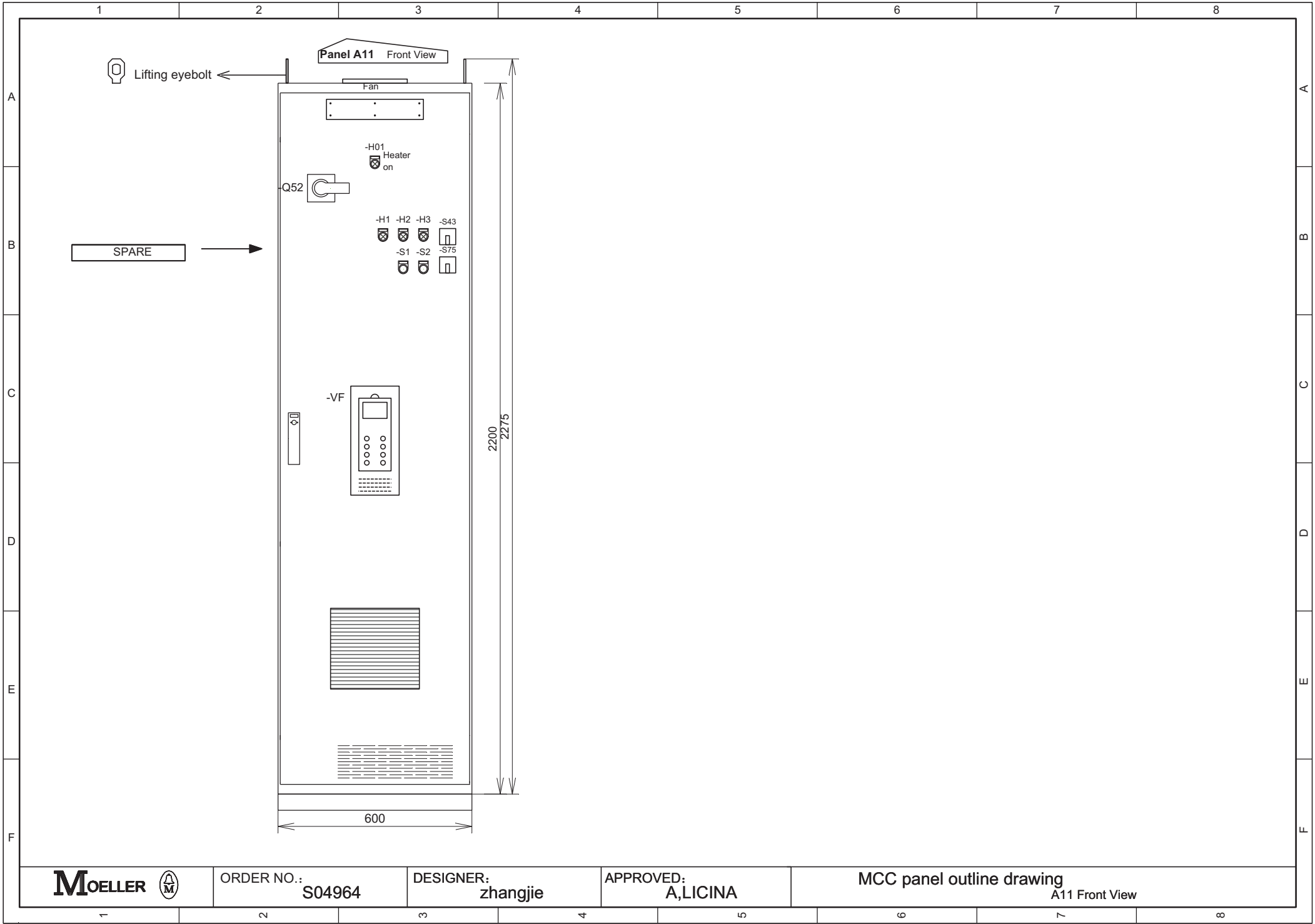












Lifting eyebolt ←

Panel A11 Front View

Fan

-H01  
Heater  
on

Q52

-H1 -H2 -H3 -S43  
-S1 -S2 -S75

-VF

2200  
2275

600

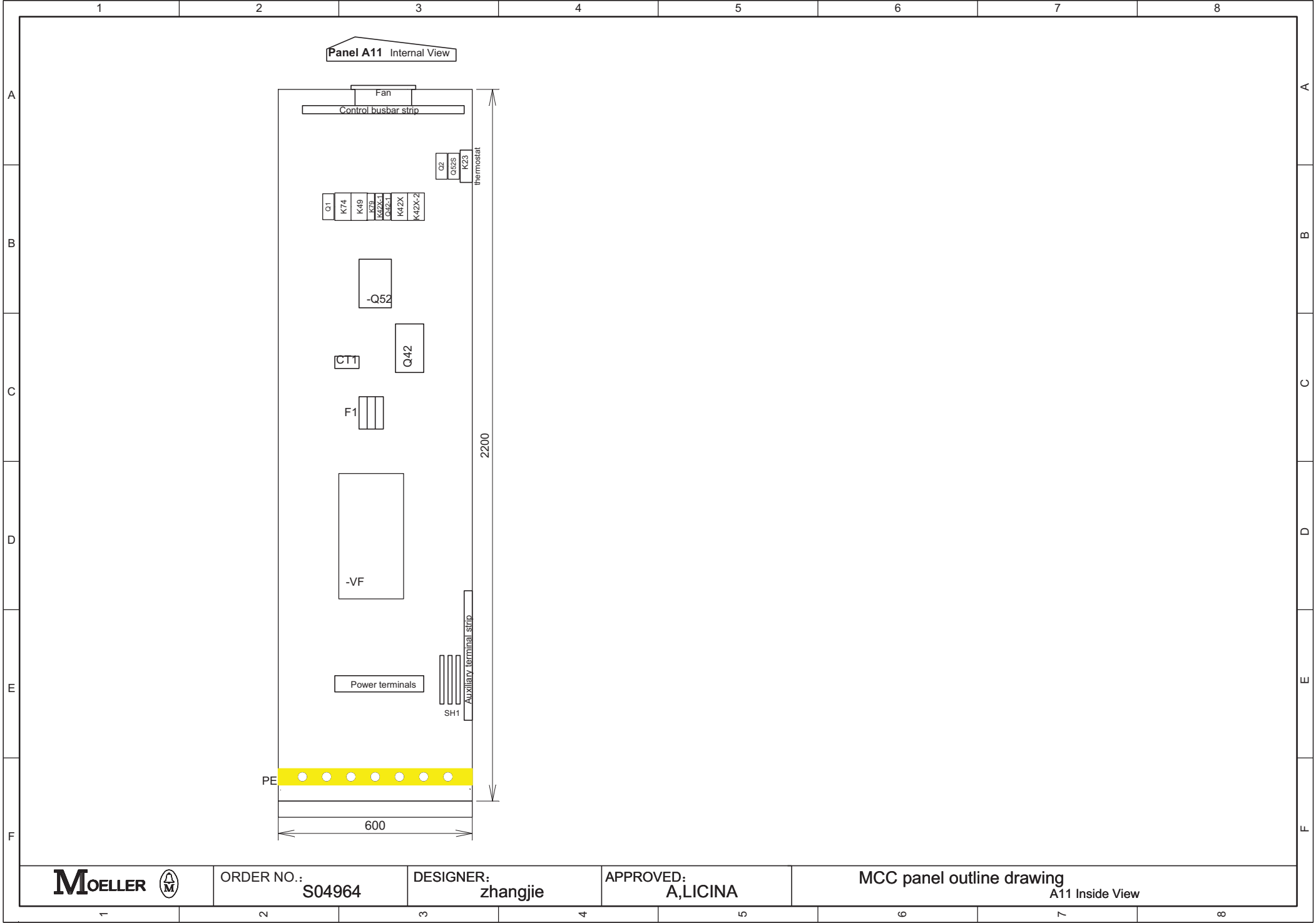


ORDER NO.:  
S04964

DESIGNER:  
zhangjie

APPROVED:  
A,LICINA

MCC panel outline drawing  
A11 Front View



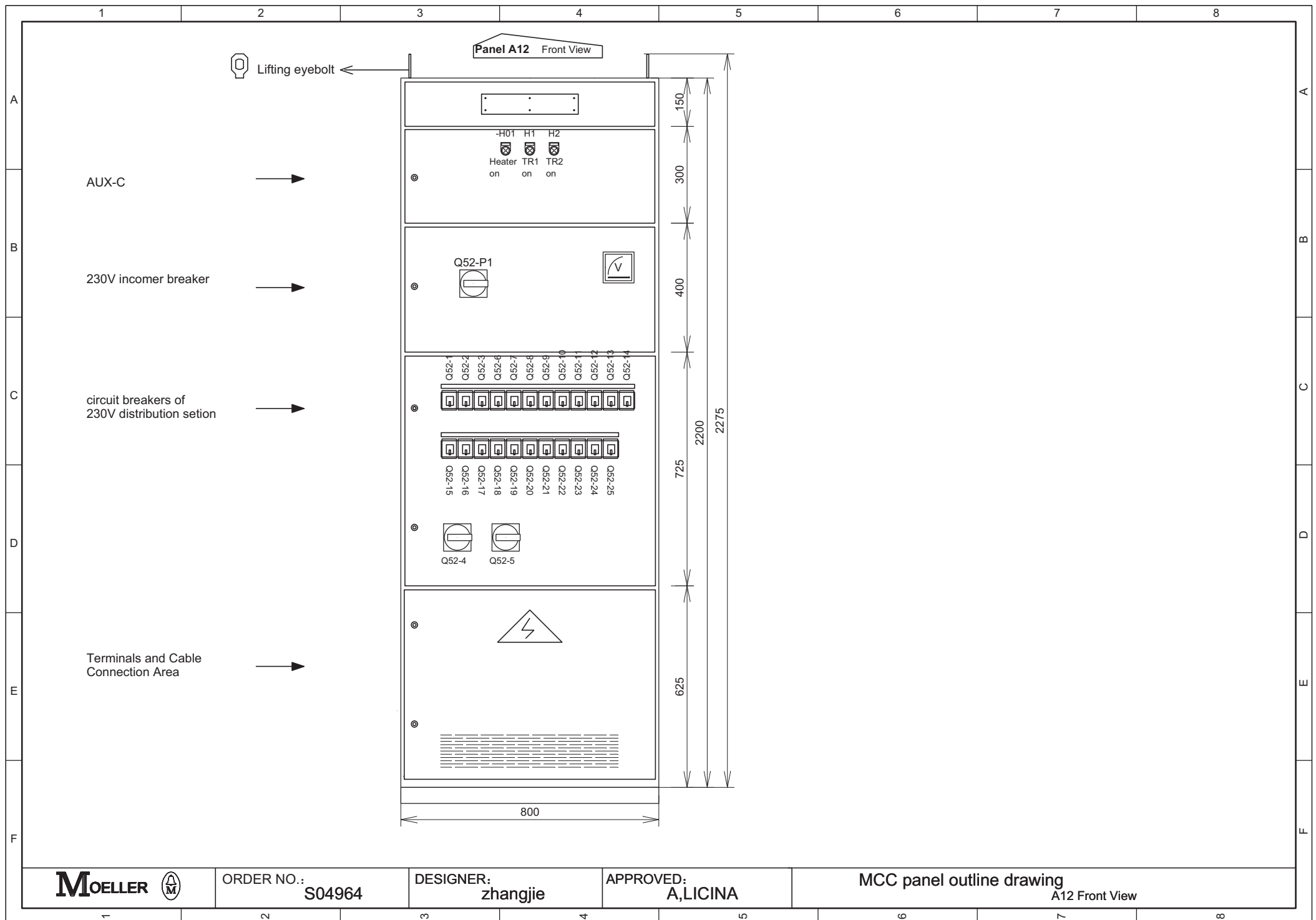
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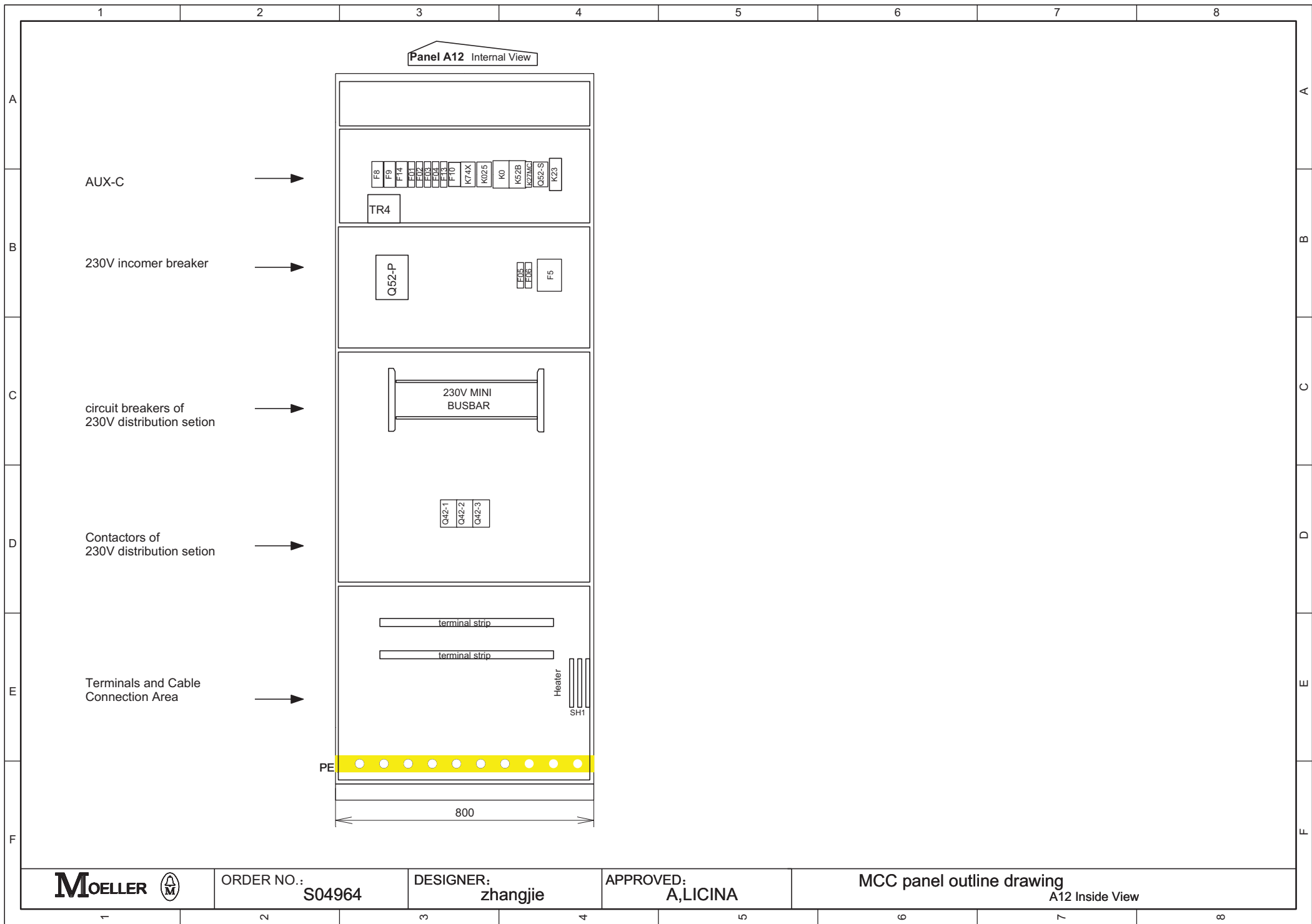
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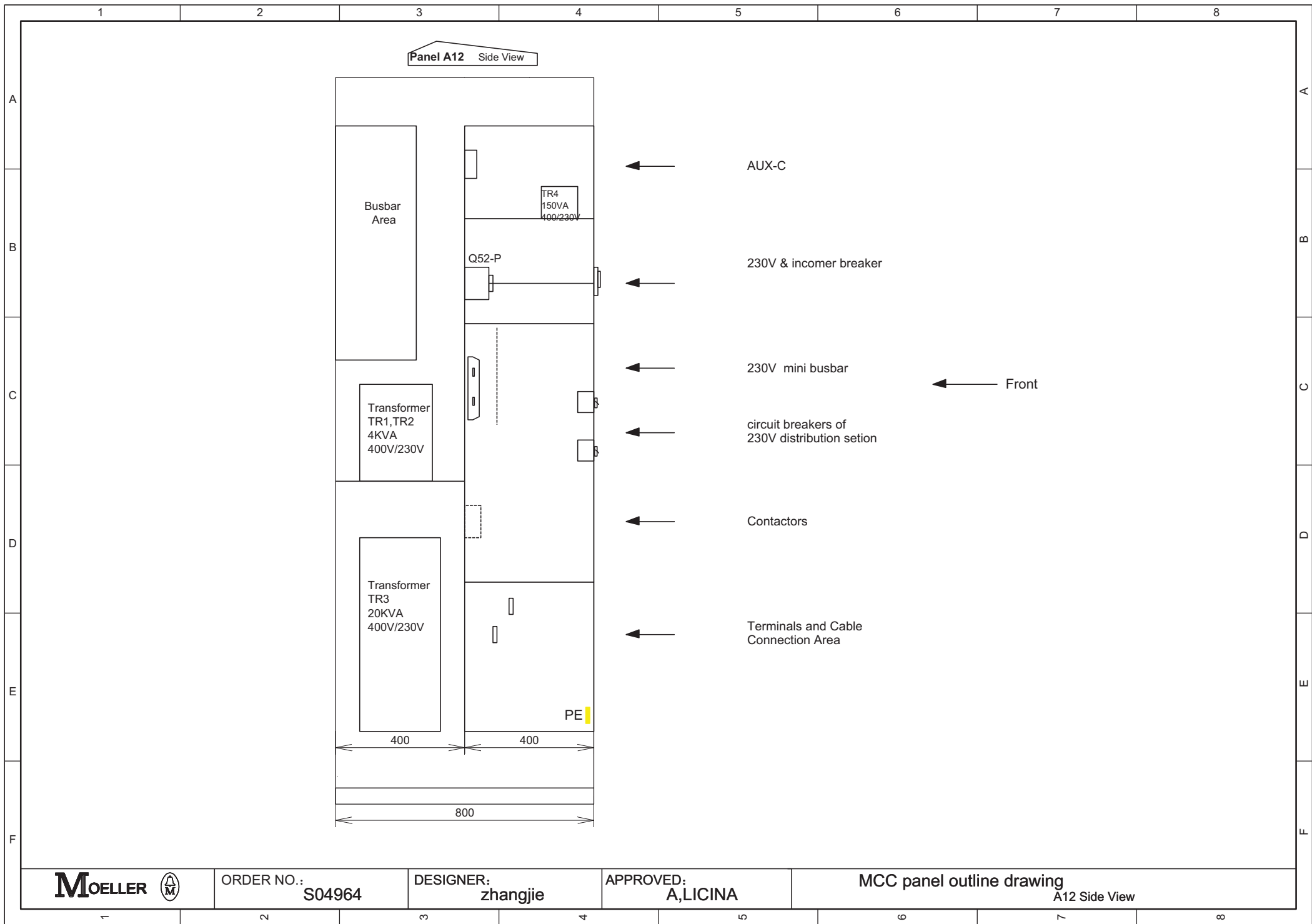
DESIGNER:  
**zhangjie**

APPROVED:  
**A,LICINA**

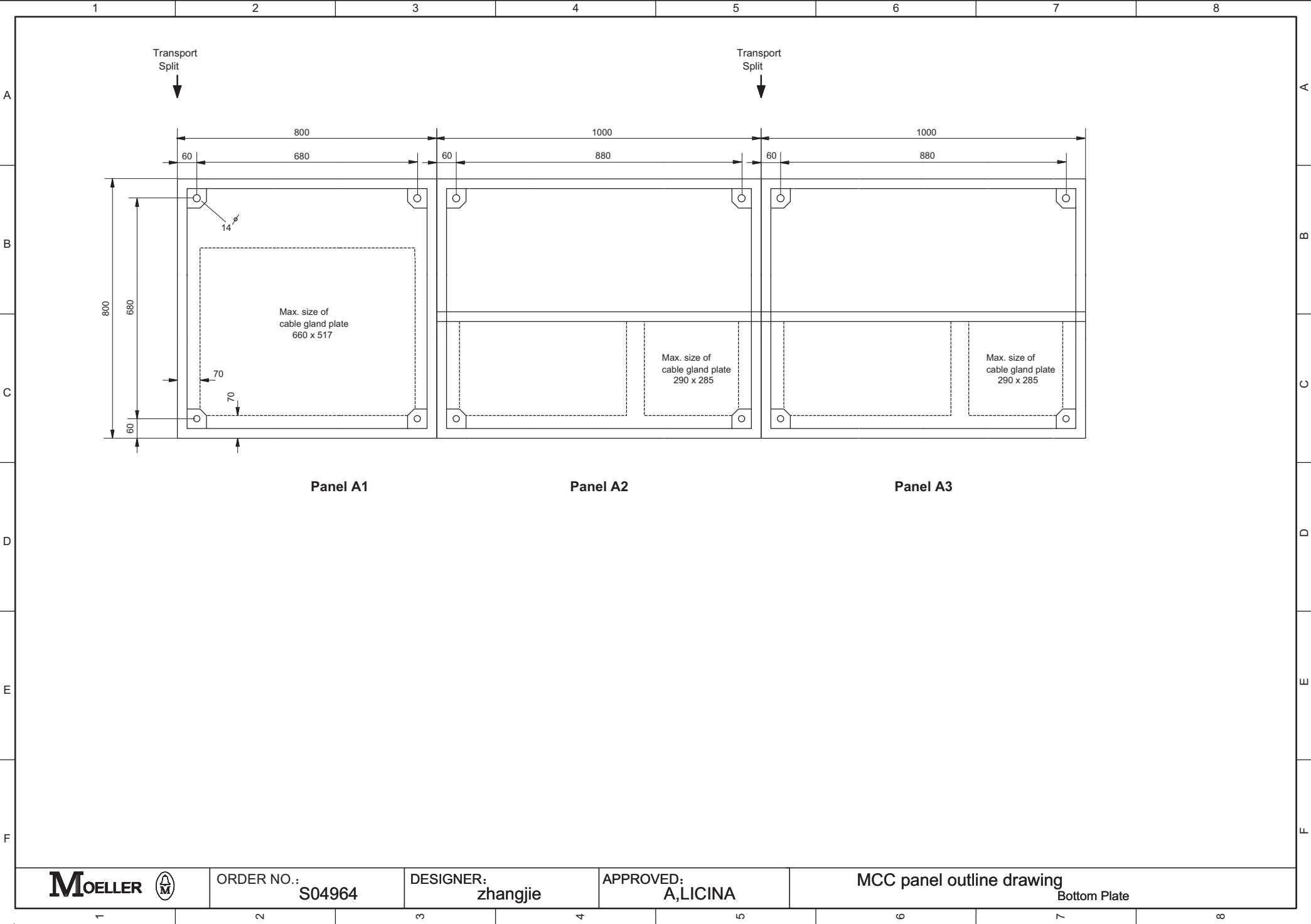
**MCC panel outline drawing**  
A11 Inside View

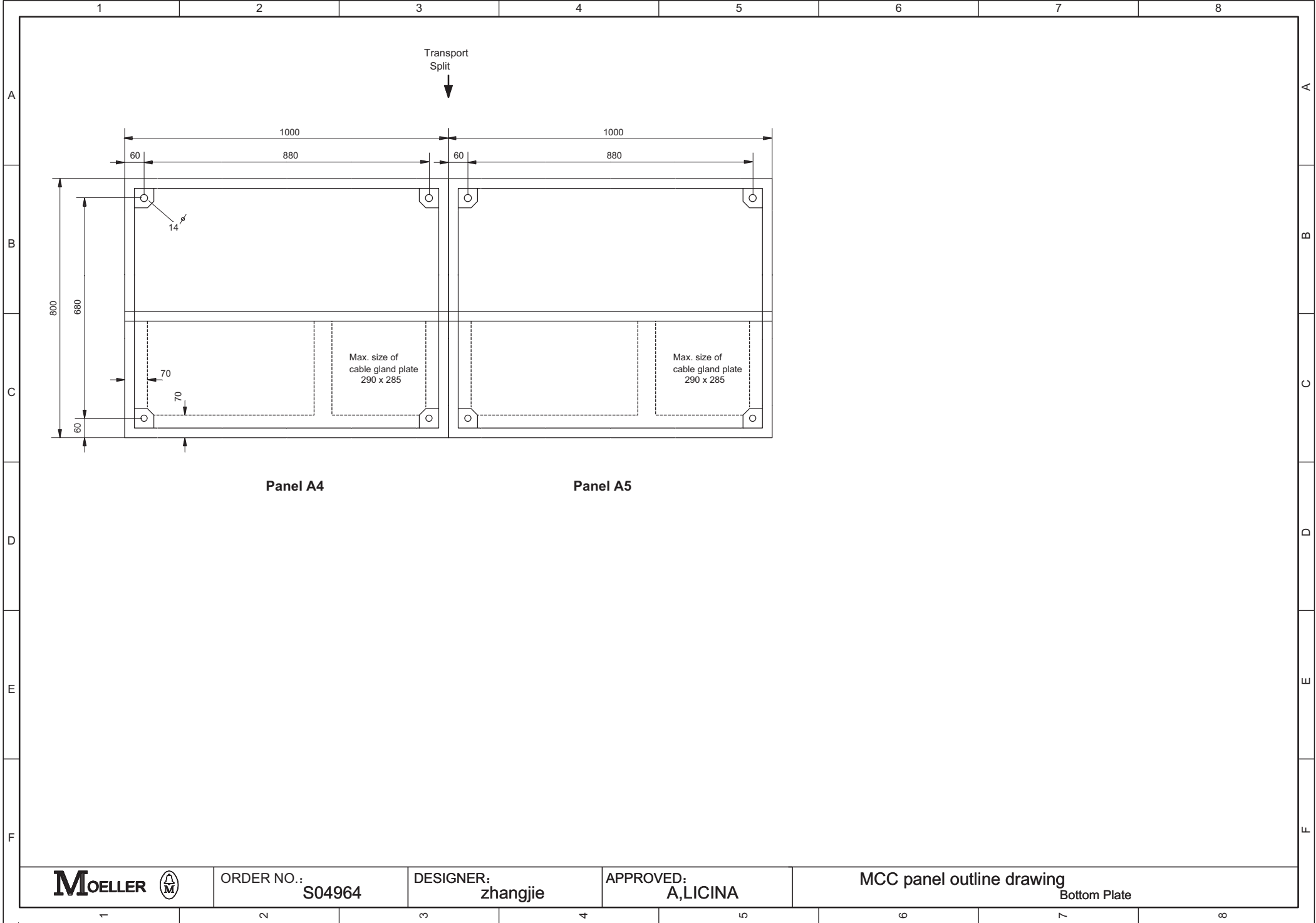


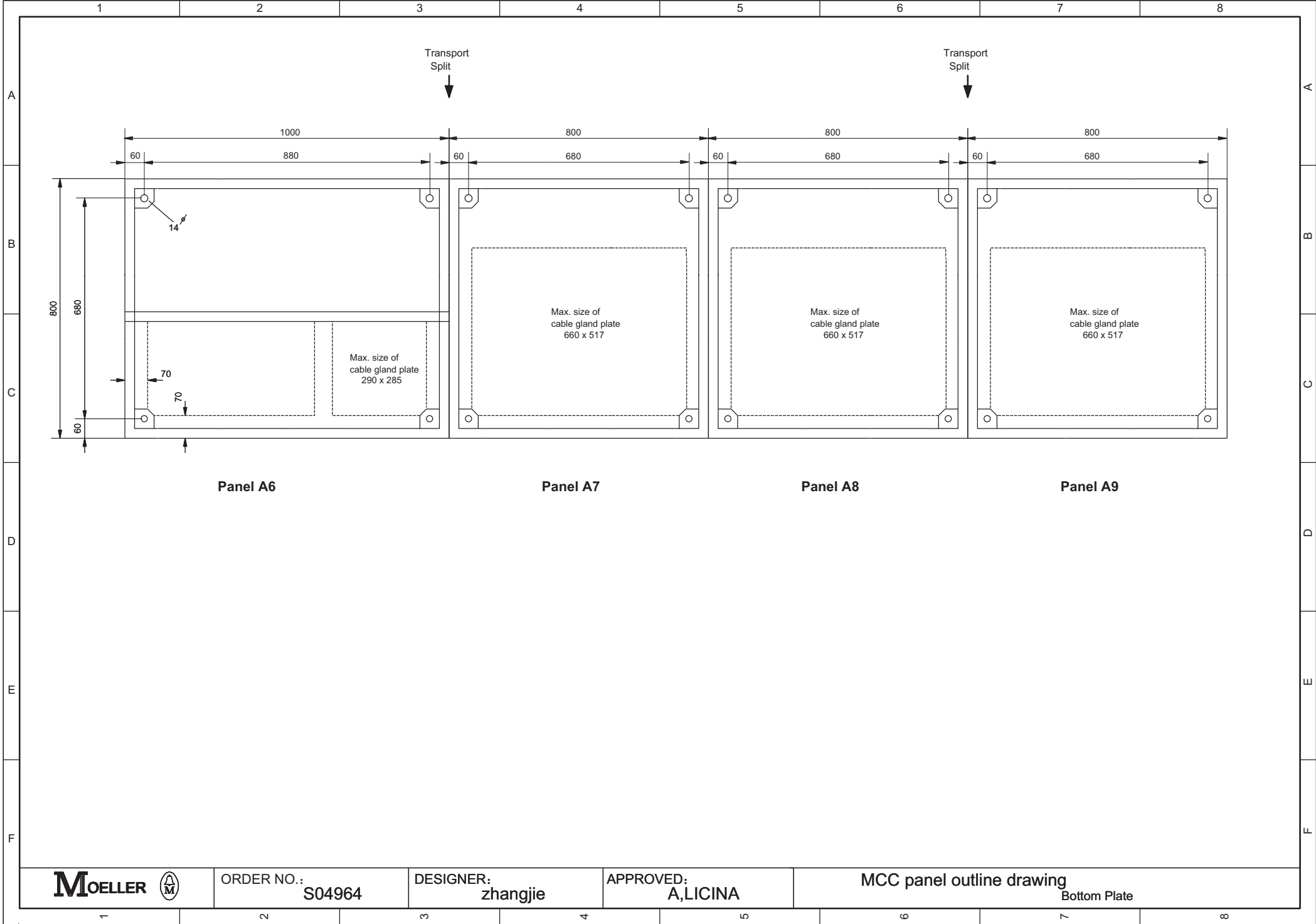


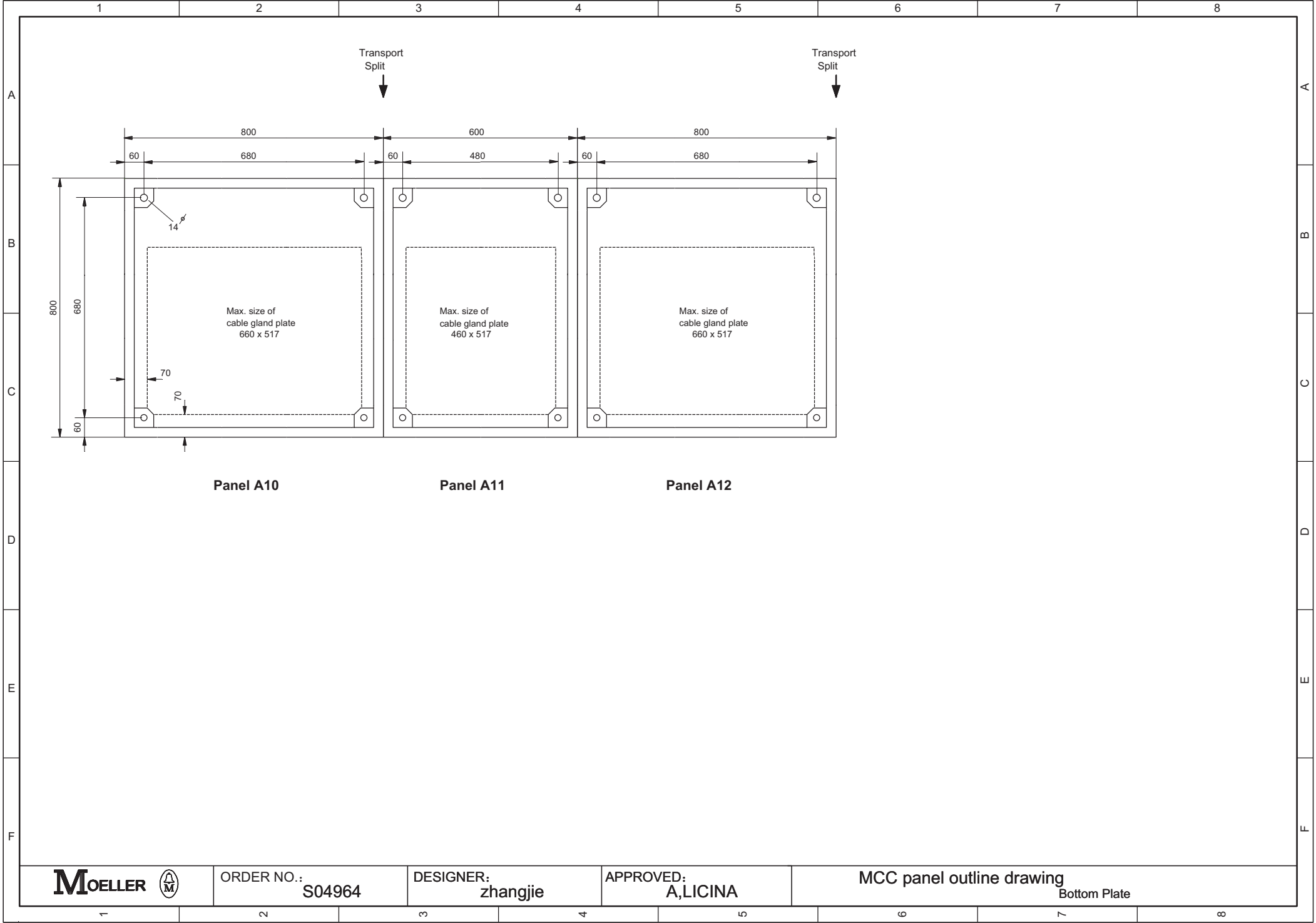


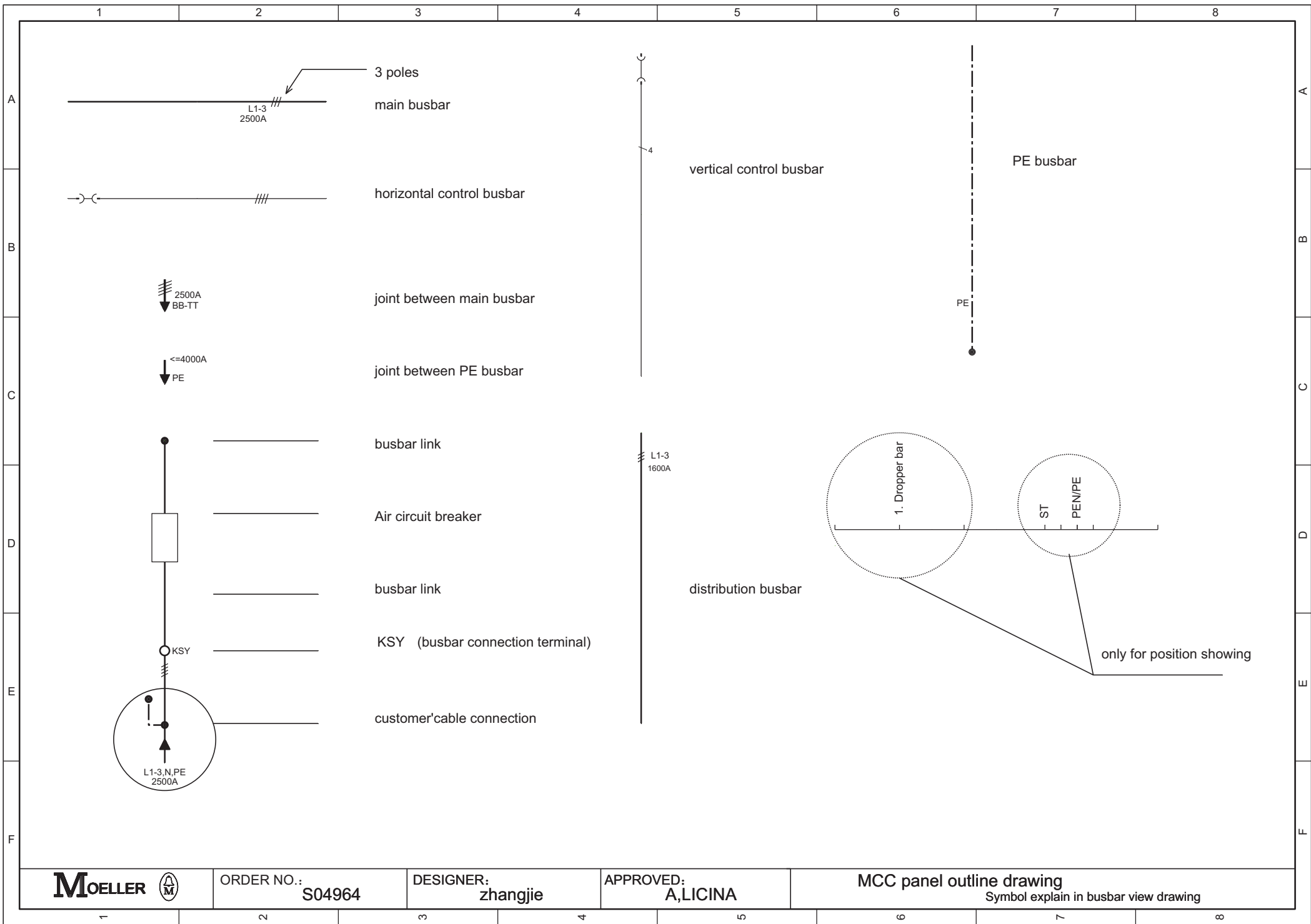


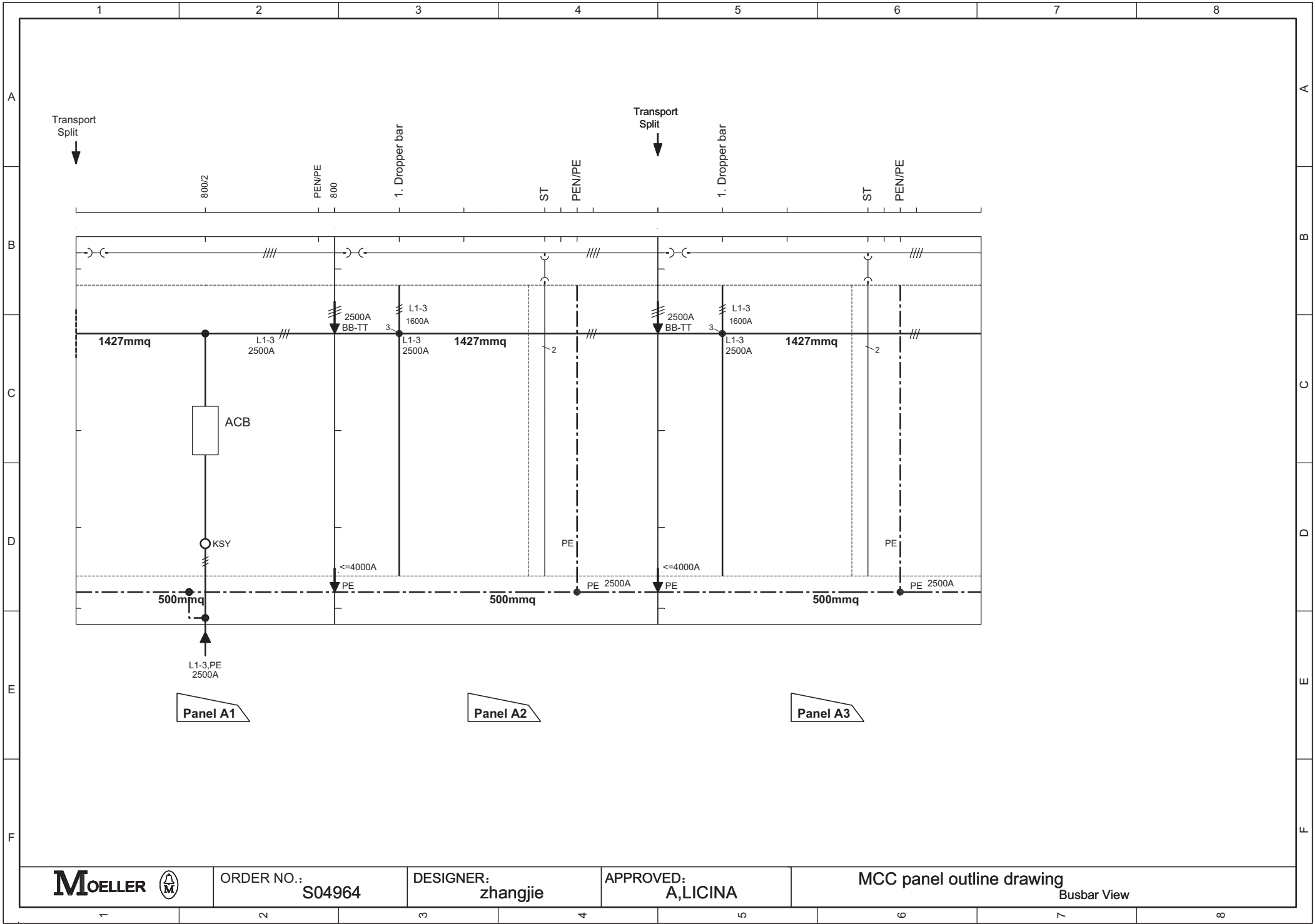


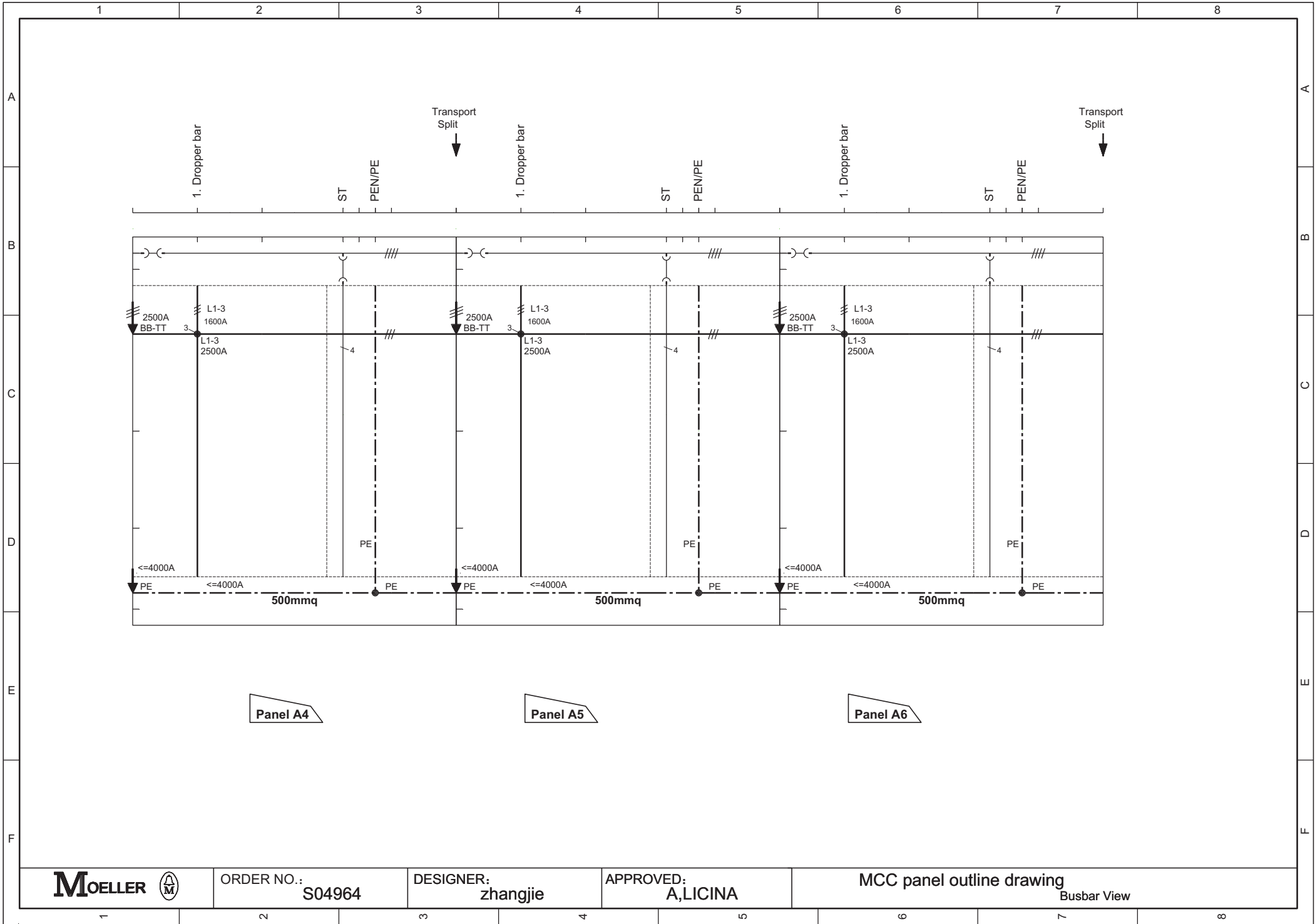


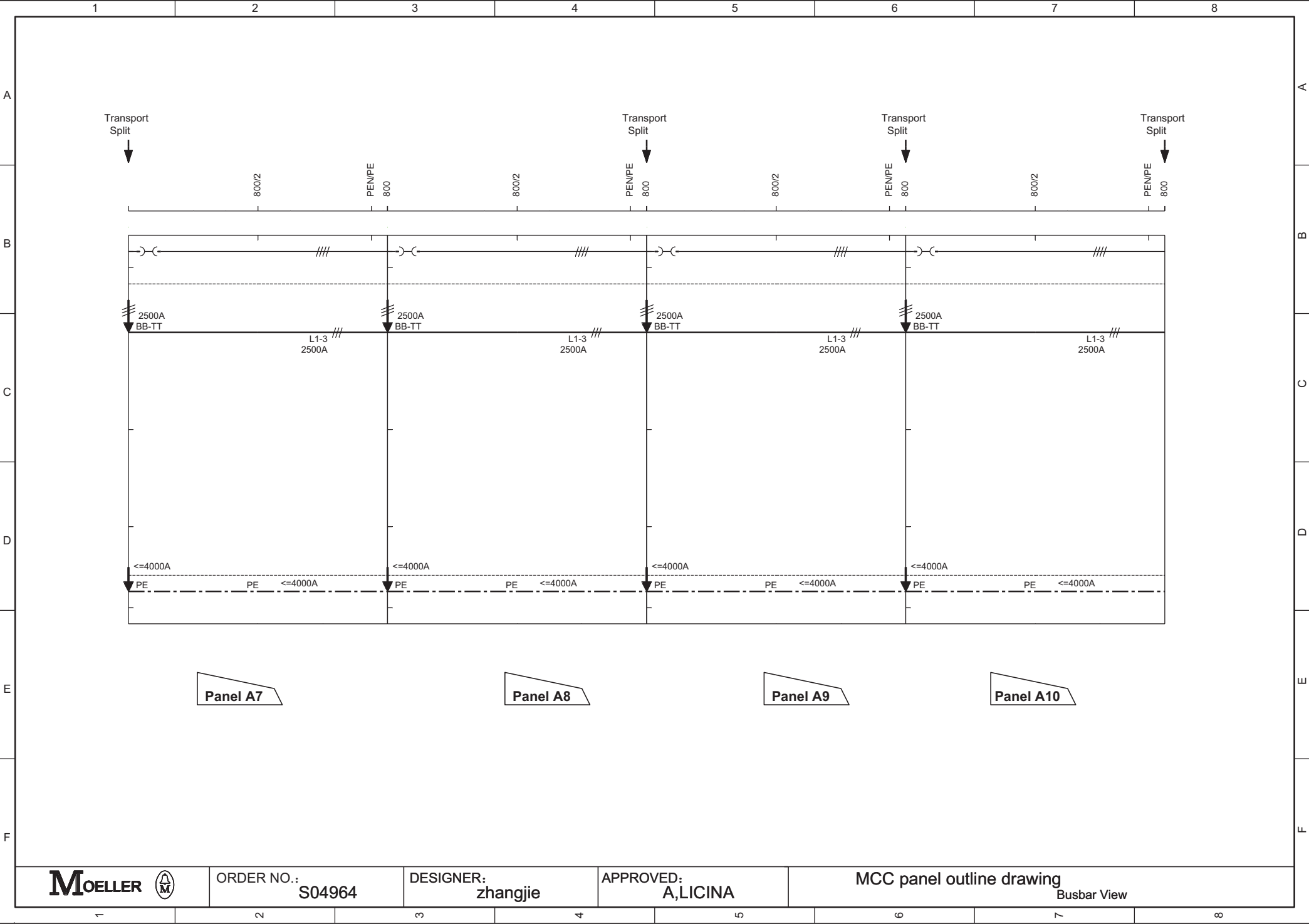












MOELLER



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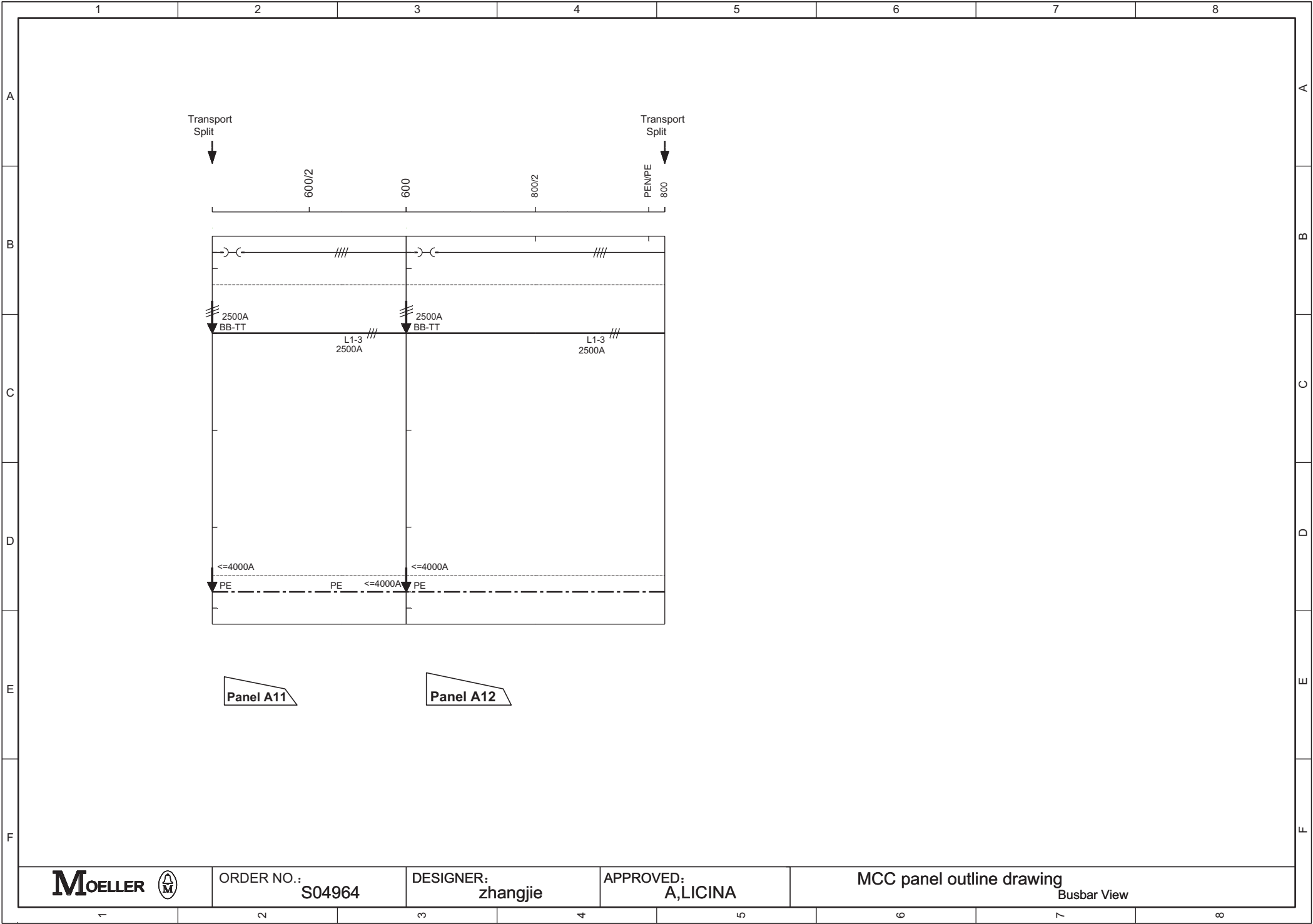
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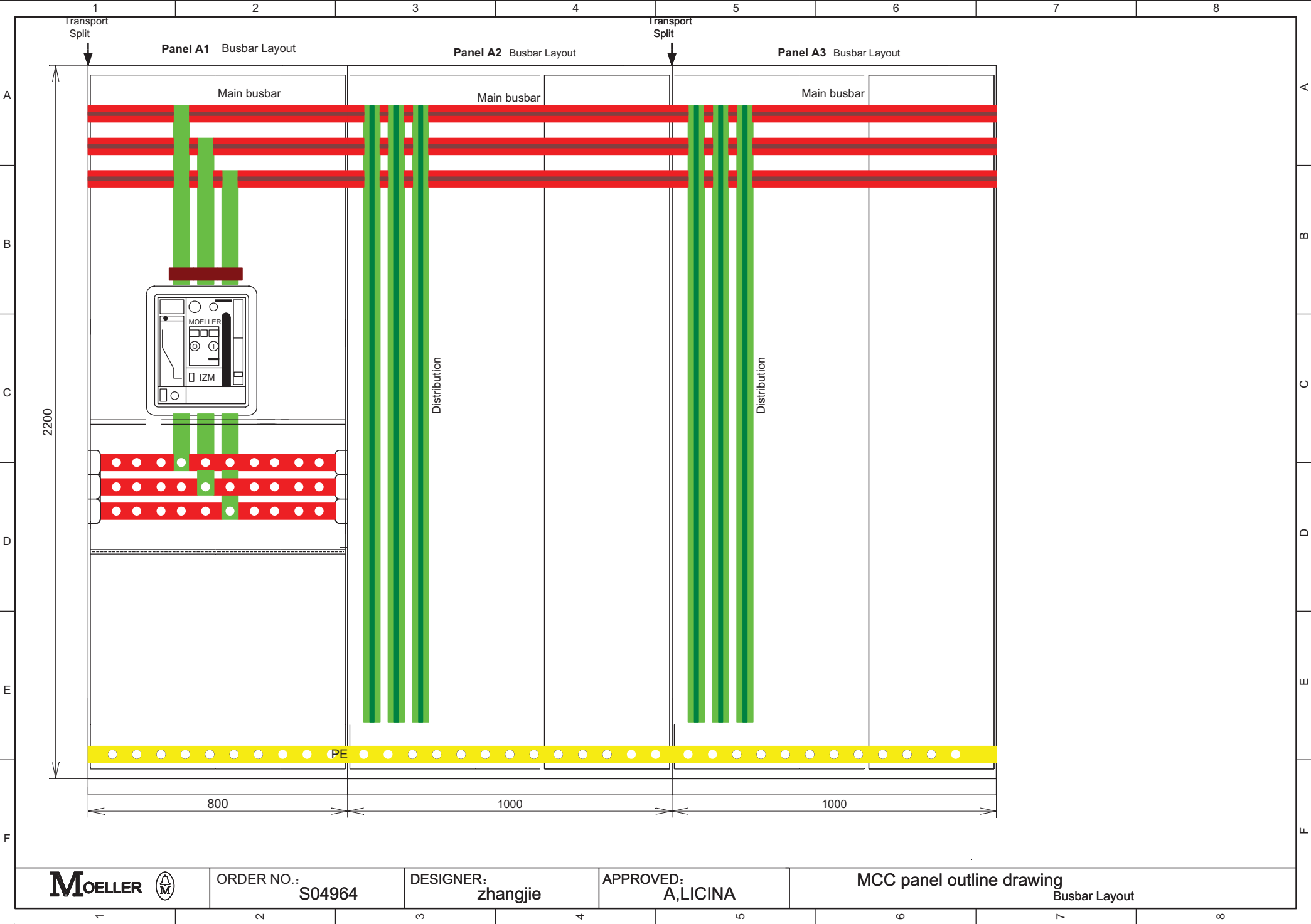
A,LICINA

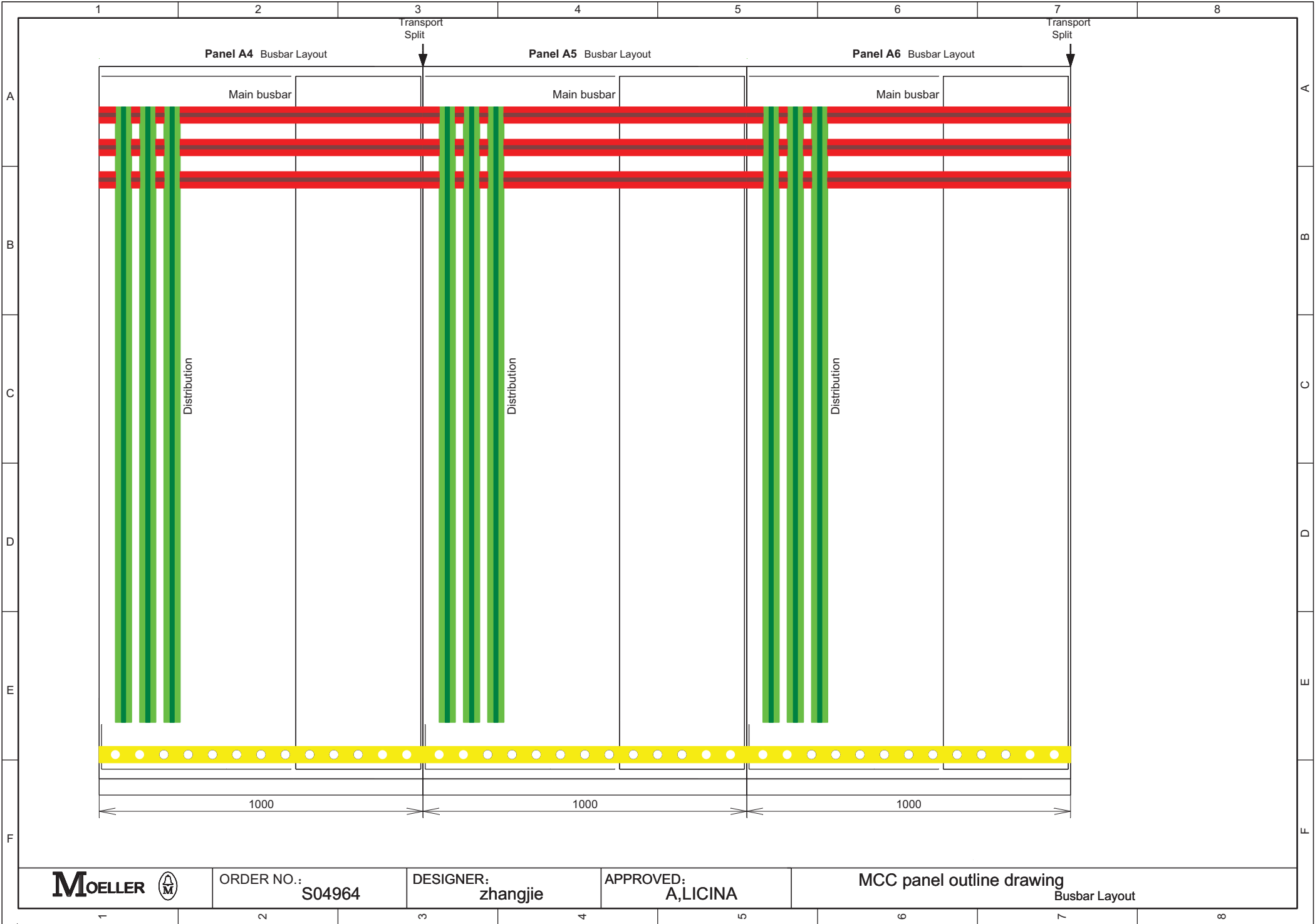
MCC panel outline drawing

Busbar View











ORDER NO.: S04964

DESIGNER: zhangjie

APPROVED: A,LICINA

MCC panel outline drawing  
Busbar Layout



**MOELLER**

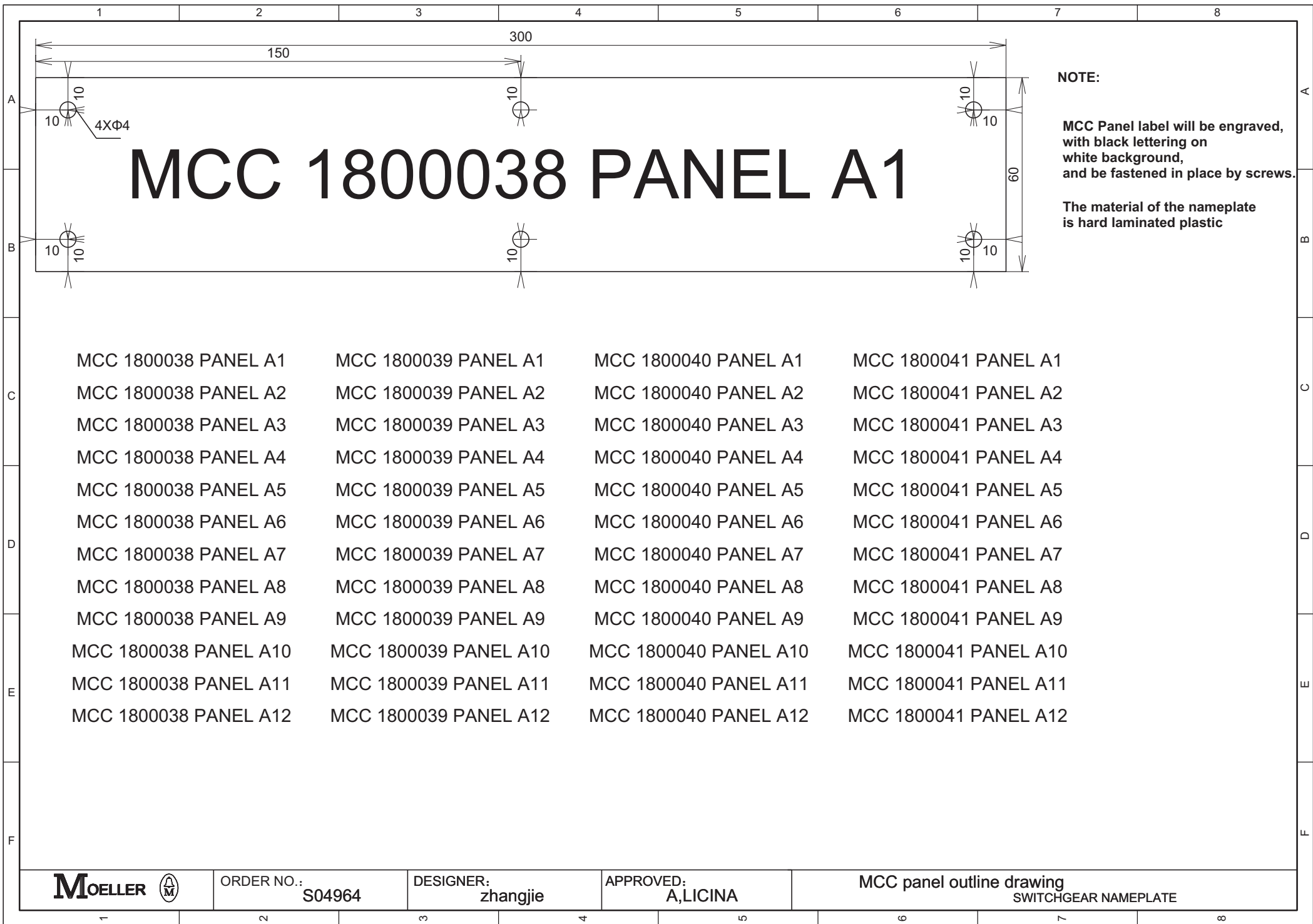


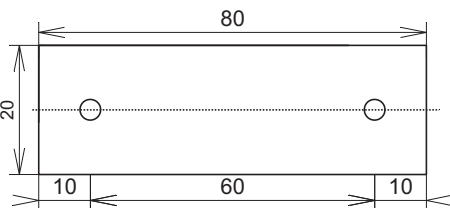

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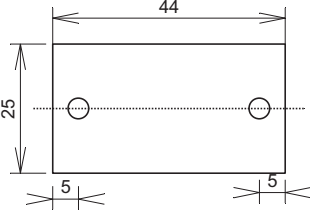

DESIGNER:  
**zhangjie**

APPROVED:  
**A,LICINA**

**MCC panel outline drawing**  
Busbar Layout



	1	2	3	4	5	6	7	8
A	400VAC FEEDER LABEL						<b>NOTE:</b> <b>380vac feeder labels will be engraved, with black lettering on white background, and be fastened in place by screws</b>  <b>The material of the nameplate is hard laminated plastic</b>	
B	Panel Incoming feeder	GT Enclosure Ventilation Main Fan Motor (88BA-1)	Process cooling Fan Motors (88PFC1-3)	Air/oil cooling fan motor (Main) (88QFC-1)	DC Panel Battery Rectifier Power Supply(RCB) (DCP-1)	Washing Water trolley heater & pump (23TW-1 88TW-1)		
C	Spare	Lube oil tank immersion heater (23QT-1)	GT Enclosure Ventilation Aux. Fan Motor (88BA-2)	Process cooling Fan Motors (88PFC1-6)	Air/oil cooling fan motor (Main) (88QFC-2)	Spare	GT aux. Hydraulic oil pump motor (88QV-1)	
	Dust Extraction Fan Motors (88TA-1)	Lube oil tank immersion heater (23QT-2)	Aux. Lube oil pump motor (88QA-1)	Process cooling Fan Motors (88PFC2-3)	Spare	DC Panel Battery Rectifier Power Supply(RCB) (DCP-2)	Dust Extraction Fan Motors (88TA-2)	
	Lube oil tank immersion heater (23QT-3)	Turning Gear Electric motor (88HR-2)	Spare	Process cooling Fan Motors (88PFC2-6)	Spare	Air/oil cooling fan motor (Std-by) (88QFC-3)	GT aux. Hydraulic oil pump motor (88HQ)	
	Dust Extraction Fan Motors (88TA-3)	Spare	Fuel Gas Heater Control Panel (Item supplied by customer)	Fuel Gas Heater Control Panel (Item supplied by customer)	Seal Gas Electric Heater (23F-103)	Spare	Process cooling Fan Motors (88PFC2-5)	
D	Process cooling Fan Motors (88PFC1-1)	Process cooling Fan Motors (88PFC1-2)	Process cooling Fan Motors (88PFC1-4)	Process cooling Fan Motors (88PFC1-5)	Process cooling Fan Motors (88PFC2-1)	Process cooling Fan Motors (88PFC2-2)	Process cooling Fan Motors (88PFC2-4)	
	MCC control supply voltage	MCC 230VAC Subdistribution						
E								
F								
		ORDER NO.: S04964	DESIGNER: zhangjie	APPROVED: A,LICINA	MCC panel outline drawing CIRUIT NAMEPLATE			
	1	2	3	4	5	6	7	8

	1	2	3	4	5	6	7	8
A	230VAC DISTRIBUTION SECTION FEEDER LABEL						<b>NOTE:</b> 220vac feeder labels to be engraved with black lettering on white background, and be fastened in place by screws.  The material of the nameplate is hard laminated plastic	
B	Gas turbine Ignition Transformer (95TR1/12)	Starting motor space heater for 88CR-1 (23CR-1)	Spare	Spare				
	UCP Main (UCP)	Spare	Gas turbine aux. enclosure normal lighting (AL-1 to 3)	Gas turbine aux. enclosure normal lighting (AL-4 to 7)	DCP panel heater (DCP-H)	Filter house pulse jet control panel (FCP-1)		
C	Turbine enclosure ventilation fan motor (main) space heater (23BA-1)	Turbine enclosure ventilation fan motor (Std-by) space heater (23BA-2)	Aux. Hydraulic oil pump motor space heater for 88HQ (23HQ)	Aux. Hydraulic oil pump motor space heater for 88QA-1 (23QA-1)	Emergency lube oil pump motor space heater for 88QE-1 (23QE-1)			
	Oil/Air cooler ventilation fan motor space heater for 88QFC-1 (23QFC-1)	Oil/Air cooler ventilation fan motor space heater for 88QFC-2 (23QFC-2)	Oil/Air cooler ventilation fan motor space heater for 88QFC-3 (23QFC-3)	Mineral oil vapour separator fan motor space heater for 88QV-1 (23QV-1)	Electric heater hydraulic ratchet pump motor 88HR (23HR)			
D	Filter house normal lighting (AL-8 to 13)	Fuel Gas Heater Control Panel Heater	Seal Gas Electric Heater Control Panel Heater	Turning Gear Electric Motor Heater 23HR-2		Spare		
E								
F								
		ORDER NO.: S04964	DESIGNER: zhangjie	APPROVED: A,LICINA	MCC panel outline drawing CIRCUIT NAMEPLATE			
	1	2	3	4	5	6	7	8



