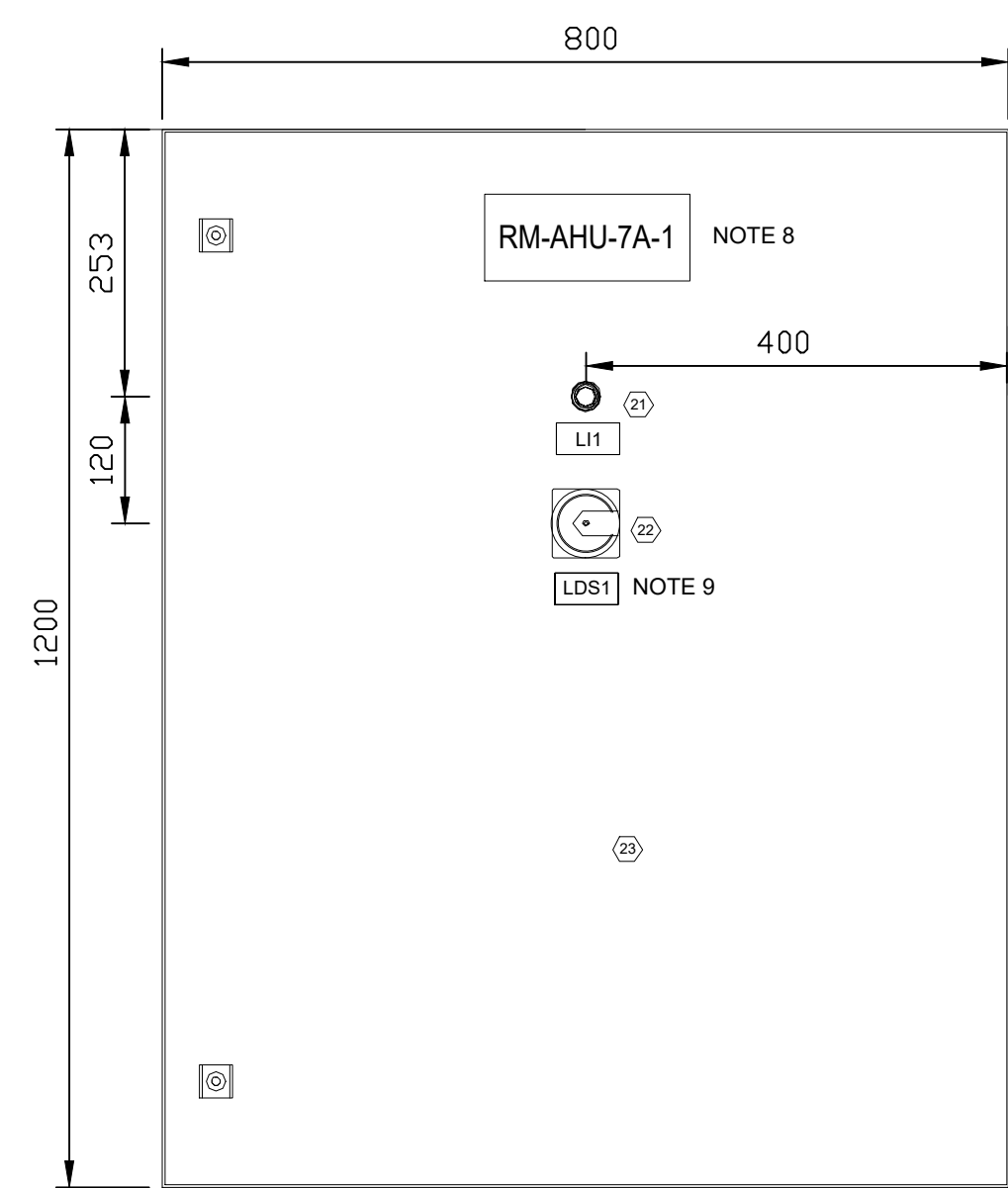
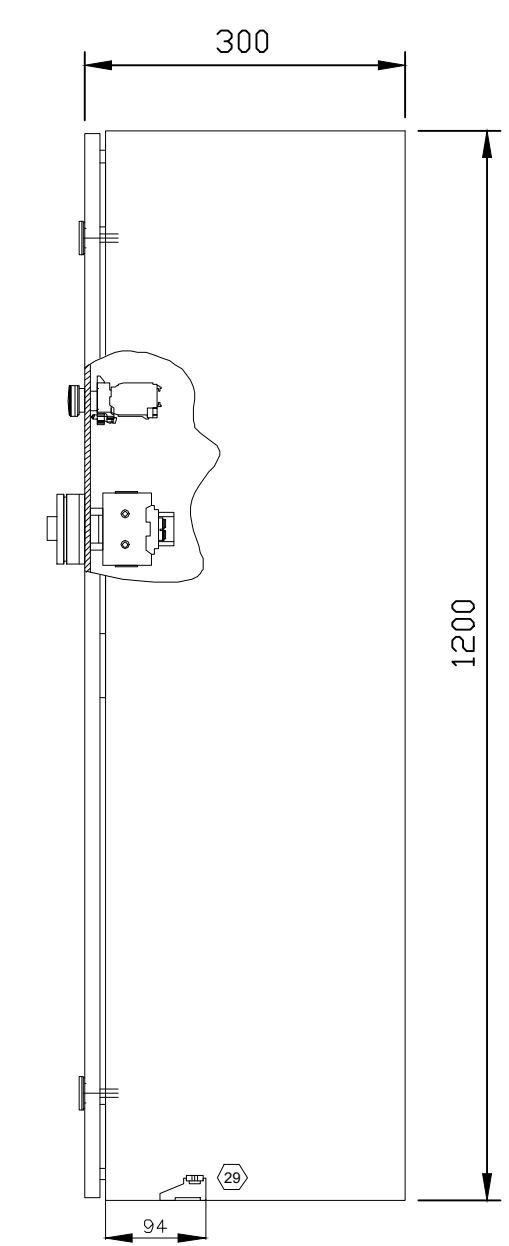


**TECHNICAL FLOOR**  
DISTRIBUTION PANEL  
ESC: 1:2

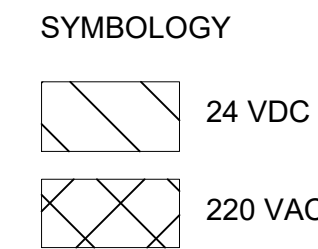
MATERIAL LIST						
ITEM	QTY	EQUIPMENT DESCRIPTION	CAPACITY	VOLTAGE	PART NUMBER	BRAND
①	1	RECEPTACLE FOR RAIL DIN 220 VAC MAX., 50-60 HZ, 10A MAX. IN ACCORDANCE WITH ABNT NBR 14136	10A	220VAC	-	LEGRAN PIAL
②	60	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	3,15A	24VDC	0431100000	WEIDMÜLLER
③	4	THERMOMAGNETIC SWITCH (CIRCUIT BREAK) 2-POLE 1 SHOT	6A	220VAC	55X1206-7	SIEMENS
④	1	OVERVOLTAGE PROTECTION	10A	220VAC	-	-
⑤	4	OVERVOLTAGE PROTECTION	-	24VDC	-	-
⑥	1	POWER SUPPLY 24Vdc/10A	4A/CA @ 10A/CD	220 VAC @ 24VDC	SITOP PSU8200 24 V/10A	SIEMENS
⑦	4	PVC WIRING DUCT FROM 40 WIDE X 60 HIGH X 1800 LENGTH	-	-	CD 40X60 CUS-3240389	PHOENIX CONTACT
⑧	2	RAIL DIN GALVANIZED STEEL 2000 LENGTH	-	-	NS 35/7.5 0801733	PHOENIX CONTACT
⑨	19	SEPARATOR TOP	-	-	ZEW 35 9540000000	WEIDMÜLLER
⑩	12	TERMINAL BLOCK STEP TYPE BRIDGR SCREW	-	-	WDU 2.5 1020000000	WEIDMÜLLER
⑪	3	COVER FOR TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	WAP 2.5-10 105000000	WEIDMÜLLER
⑫	12	BRIDGE FOR TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	ZQV 2.5N/3 GE 1693810000	WEIDMÜLLER
⑬	16	PUSH-IN TERMINALS (SLOTS)	-	-	6ES7193-6BP00-0BA0	SIEMENS
⑭	168	TERMINAL BLOCK OF TOW FLOORS WITH FUSE	-	-	KDKS 1/35 DB 9532440000	WEIDMÜLLER
⑮	14	COVER FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	9532470000	WEIDMÜLLER
⑯	32	BRIDGE FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	0461300000	WEIDMÜLLER
⑰	2	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	1A	24VDC	0430700000	WEIDMÜLLER
⑱	168	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	0,2A	24VDC	0430400000	WEIDMÜLLER
⑲	4	TERMINAL BLOCK OF 2 FLOORS WITH GROUND	-	-	1783790000	WEIDMÜLLER
⑳	4	FINAL COVER FOR TERMINAL BLOCK OF 2 FLOORS WITH GROUND	-	-	1784210000	WEIDMÜLLER
㉑	1	PILOT LIGHT, RED	-	24VDC	10250T297LRP24	EATON
㉒	1	MAIN SWITCH WITH LOCKING DEVICE, P SWITCH-DISCONNECTORS, FLUSH MOUNTING, 2 PLOES, 230 V, INCLUDE: 2 PADLOCKS	-	220VAC	T0-1-8200/EA/SVB	EATON
㉓	1	800mm X 1200mm X 300mm STAINLESS STEEL CONTROL CABINET, NEMA 4X INCLUDES 739mm X 955mm GALVANIZED STEEL ASSEMBLY PLATE AND CAM LOCKS	-	-	-	RITTAL
㉔	1	EXPANSION RACK ER 0X - IM-461X	-	-	-	SIEMENS
㉕	5	MODULE OF 8 ANALOG INPUTS	-	-	-	SIEMENS
㉖	2	MODULE OF 8 ANALOG OUTPUTS	-	-	-	SIEMENS
㉗	7	MODULE OF 8 DIGITAL INPUTS	-	-	-	SIEMENS
㉘	2	MODULE OF 8 DIGITAL OUTPUTS	-	-	-	SIEMENS
㉙	1	MODULE OF INTERFACE NETWORK BACNET	-	-	-	SIEMENS
㉚	1	MANAGED SWITCH, 8 RJ45 PORTS	-	-	X204-2TS	SIEMENS
㉛	1	GROUND RAIL HORIZONTAL, WHIT 20 CONNECTION POINTS WITH M5 SCREWS	-	-	DK 7113.000	RITTAL
㉜	1	C-PLOG, REPLACEABLE MEDIUM FOR SIMPLE DEVICE EXCHANGE IN CASE OF FAILURE	-	-	6GK1900-0AB00	SIEMENS



**TECHNICAL FLOOR**  
FRONT VIEW  
ESC: 1:5



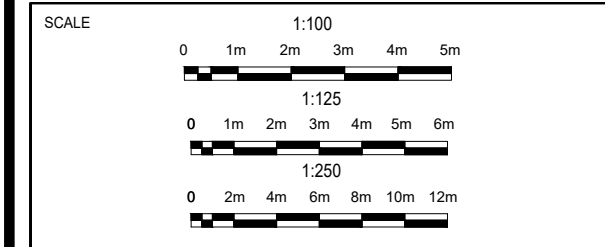
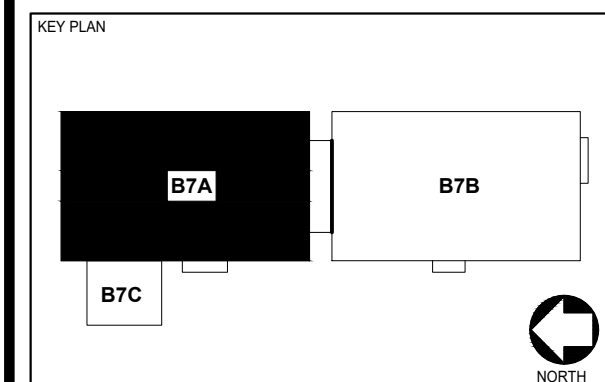
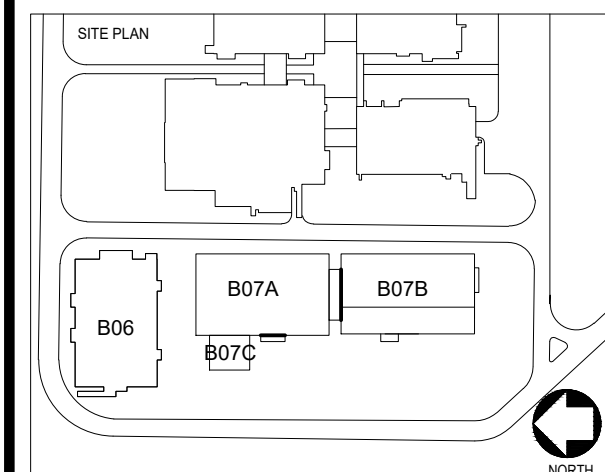
LATERAL VIEW  
ESC: 1:5



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- GENERAL NOTES**
- CONTRACTOR MUST INSTALL ALL WIRING INSIDE THE PANEL.
  - ELECTRICAL MUST GROUNDING THE FOLLOWING: DOOR, PLATE AND PANEL.
  - BLUE MONOPOLAR CABLE, SIZE 1.5 mm<sup>2</sup> FOR 24 VDC, AND DIMENSIONS IN MILLIMETERS.
  - 220 VAC SUPPLY, 60HZ, BY ELECTRICAL CONTRACTOR.
  - CONTRACTOR MUST INSTALL INSULATED FERRULES IN BOTH ENDS OF CABLES.
  - ALL CABLES SHOULD HAVE LABELS FOR TAG NAME IN BOTH ENDS.
  - THE CONTROL PANEL MUST INCLUDE IDENTIFICATION PLATE WITH THE TAG ENGRAVED.
  - THE CONTROL PANEL MUST INCLUDE EMERGENCY STOP IDENTIFICATION PLATE.
  - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE THE BEST CONDITIONS OF CLEANING, OPERATION AND OPERATION.
  - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSIDER THE MISCELLANEOUS NECESSARY TO GARANTEE ALL THE CONNECTIONS AND CORRECT INSTALLATION.

- REVISION 0 NOTES**
- UPDATE IN QUANTITATIVE OF THE DEVICES
  - GENERAL UPDATE IN DRAWING INFORMATION
- REVISION 1 NOTES**
- CANCELED DRAWING RMAHU-7A-5



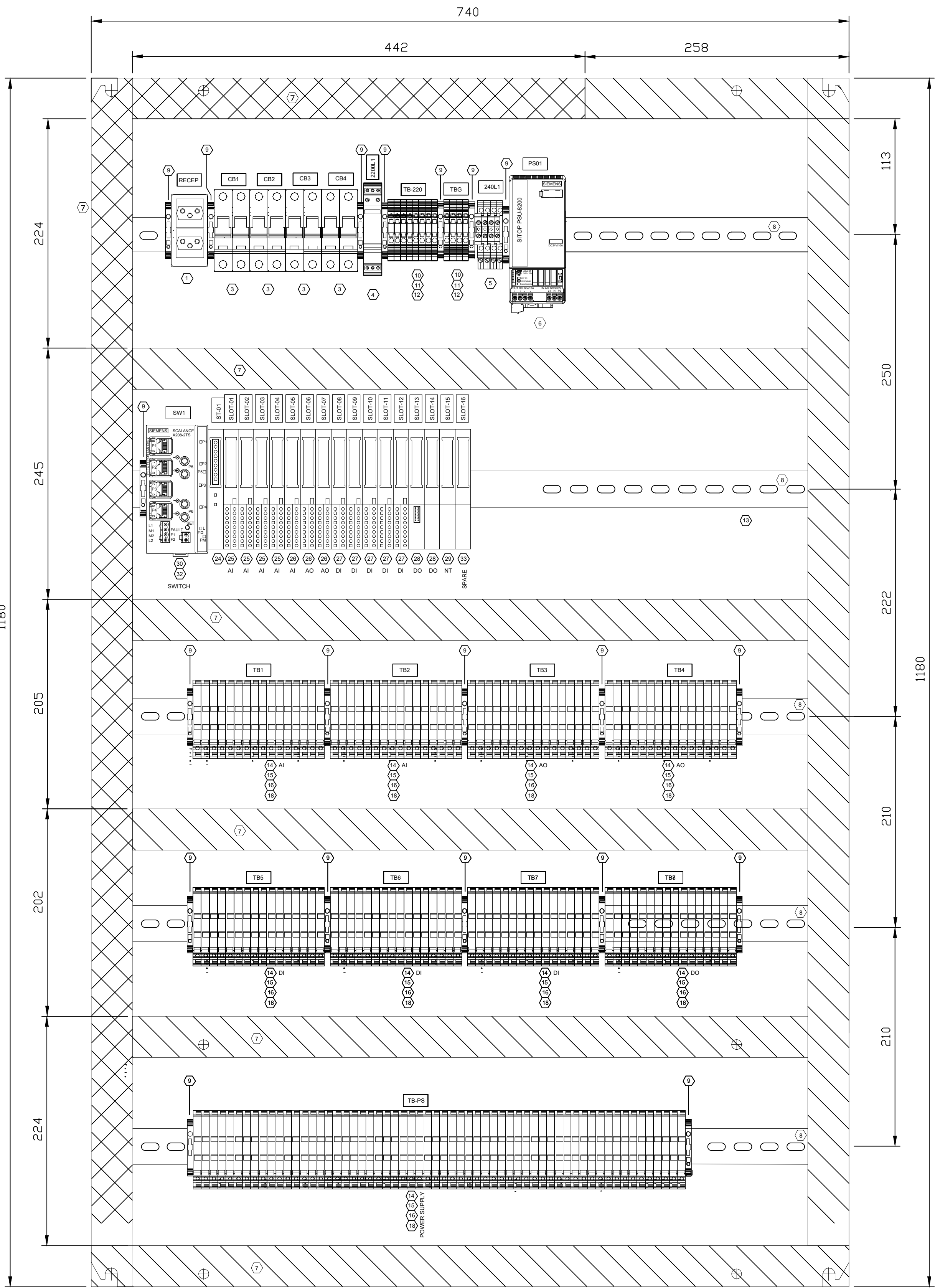
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**DRAWING TITLE**  
DRUG PRODUCT BMS  
CABINET ARRANGEMENT  
REMOTE RM-AHU-7A-1

ENGINEER	ARCHITECT	DESIGNER	IPS PROJECT #
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DRAWN BY	REVIEWED BY	SCALE	CADD FILE NAME
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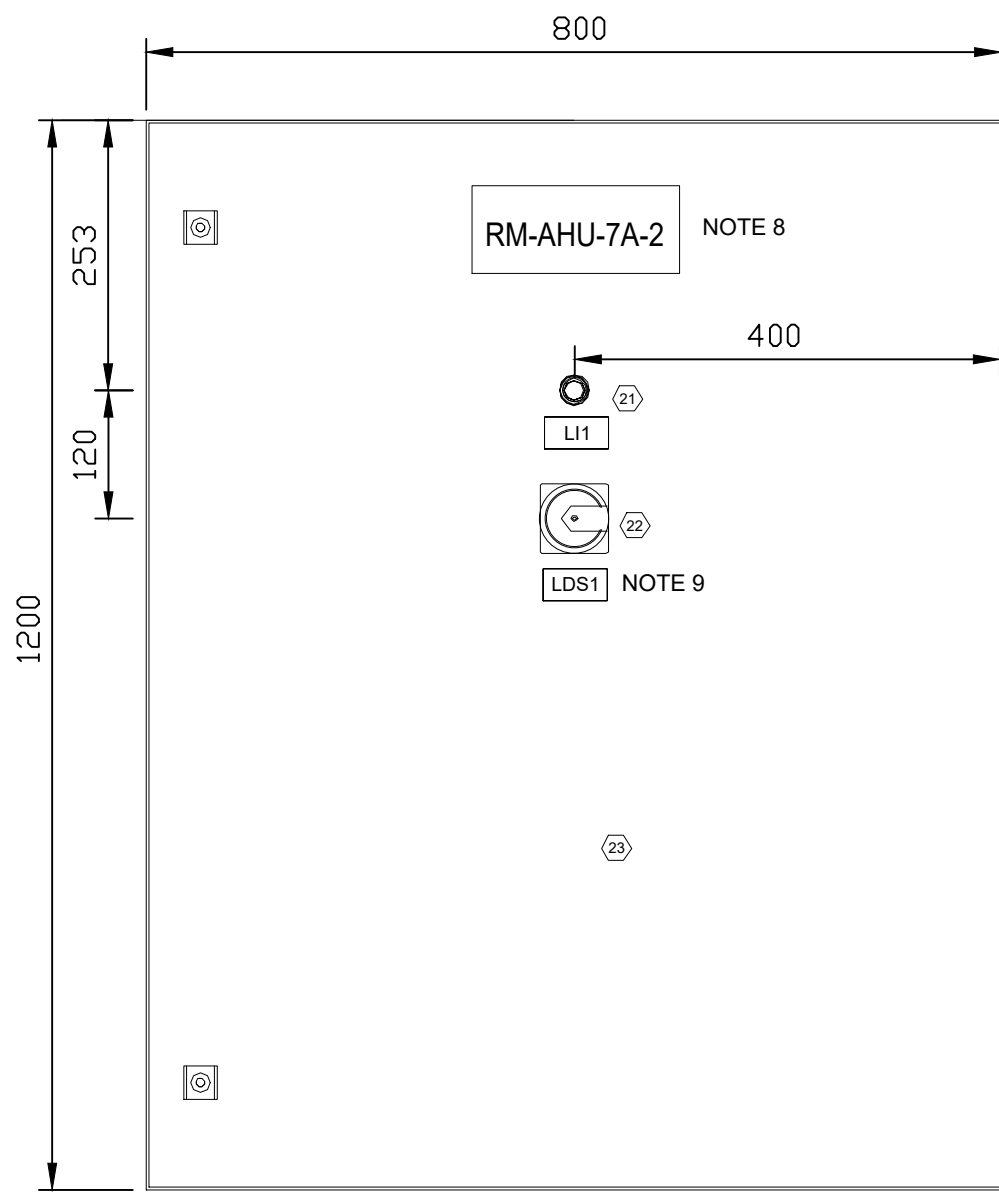
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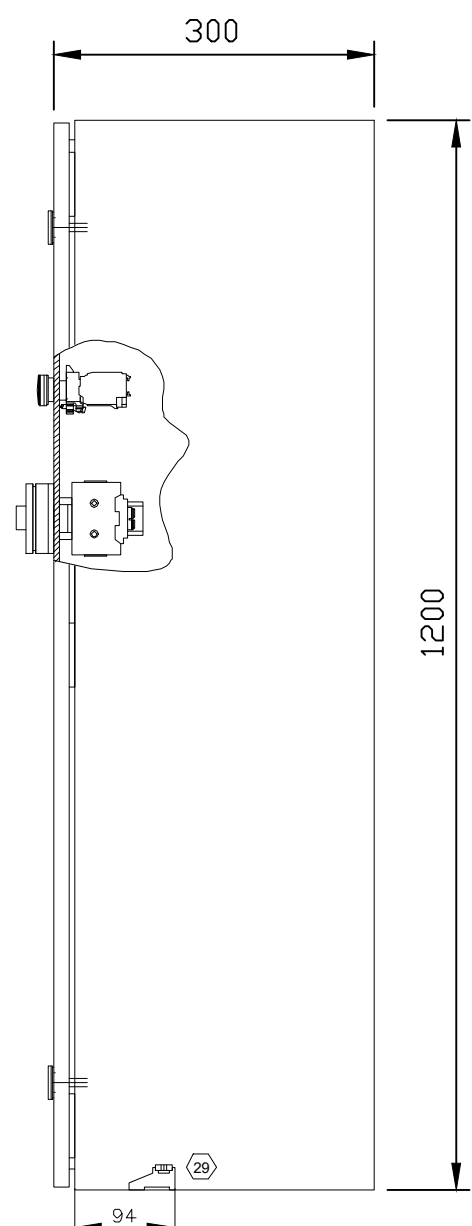


TECHNICAL FLOOR  
DISTRIBUTION PANEL  
ESC: 1/2

MATERIAL LIST						
ITEM	QTY	EQUIPMENT DESCRIPTION	CAPACITY	VOLTAGE	PART NUMBER	BRAND
1	1	RECEPTACLE FOR RAIL DIN 220 VAC MAX., 50-60 HZ, 10A MAX. IN ACCORDANCE WITH ABNT NBR 14136	10A	220VAC	-	LEGRAN PIAL
2	60	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	3,15A	24VDC	0431100000	WEIDMÜLLER
3	4	THERMOMAGNETIC SWITCH (CIRCUIT BREAK) 2-POLE 1 SHOT	6A	220VAC	5SX1206-7	SIEMENS
4	1	OVERVOLTAGE PROTECTION	10A	220VAC	-	-
5	4	OVERVOLTAGE PROTECTION	-	24VDC	-	-
6	1	POWER SUPPLY 24Vdc/10A	4A/CA @ 10A/CD	220 VAC @ 24VDC	SITOP PSU8200 24 V10A	SIEMENS
7	4	PVC WIRING DUCT FROM 40 WIDE X 60 HIGH X 1800 LENGTH	-	-	CD 40X60 CUS-3240389	PHOENIX CONTACT
8	2	RAIL DIN GALVANIZED STEEL 2000 LENGTH	-	-	NS 35/7.5 0801733	PHOENIX CONTACT
9	19	SEPARATOR TOP	-	-	ZEWS 35 9540000000	WEIDMÜLLER
10	12	TERMINAL BLOCK STEP TYPE BRIDGR SCREW	-	-	WDU 2.5 1020000000	WEIDMÜLLER
11	3	COVER FOR TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	WAP 2.5-10 1050000000	WEIDMÜLLER
12	3	BRIDGE FOR TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	ZQV 2.5N/3 GE 1693810000	WEIDMÜLLER
13	16	PUSH-IN TERMINALS (SLOTS)	-	-	6ES7193-6BP00-0BA0	SIEMENS
14	168	TERMINAL BLOCK OF TOW FLOORS WITH FUSE	-	-	KDKS 1/35 DB 9532440000	WEIDMÜLLER
15	14	COVER FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	9532470000	WEIDMÜLLER
16	32	BRIDGE FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	0461300000	WEIDMÜLLER
17	2	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	1A	24VDC	0430700000	WEIDMÜLLER
18	168	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	0,2A	24VDC	0430400000	WEIDMÜLLER
19	4	TERMINAL BLOCK OF 2 FLOORS WITH GROUND	-	-	1783790000	WEIDMÜLLER
20	4	FINAL COVER FOR TERMINAL BLOCK OF 2 FLOORS WITH GROUND	-	-	1784210000	WEIDMÜLLER
21	1	PILOT LIGHT, RED	-	24VDC	102507297LRP24	EATON
22	1	MAIN SWITCH WITH LOCKING DEVICE, P SWITCH-DISCONNECTORS, FLUSH MOUNTING, 2 POLES, 230 V, INCLUDE: 2 PADLOCKS	-	220VAC	T0-1-8200/EA/SVB	EATON
23	1	800mm X 1200mm X 300mm STAINLESS STEEL CONTROL CABINET, NEMA 4X INCLUDES 739mm X 955mm GALVANIZED STEEL ASSEMBLY PLATE AND CAM LOCKS	-	-	-	RITTAL
24	1	EXPANSION RACK ER 0X - IM-461X	-	-	-	SIEMENS
25	5	MODULE OF 8 ANALOG INPUTS	-	-	-	SIEMENS
26	3	MODULE OF 8 ANALOG OUTPUTS	-	-	-	SIEMENS
27	4	MODULE OF 8 DIGITAL INPUTS	-	-	-	SIEMENS
28	1	MODULE OF 8 DIGITAL OUTPUTS	-	-	-	SIEMENS
29	1	MODULE OF INTERFACE NETWORK BACNET	-	-	-	SIEMENS
30	1	MANAGED SWITCH, 8 RJ45 PORTS	-	-	X204-2TS	SIEMENS
31	1	GROUND RAIL HORIZONTAL, WHIT 20 CONNECTION POINTS WITH M5 SCREWS	-	-	DK 7113.000	RITTAL
32	1	C-PLOG, REPLACEABLE MEDIUM FOR SIMPLE DEVICE EXCHANGE IN CASE OF FAILURE	-	-	6GK1900-0AB00	SIEMENS



TECHNICAL FLOOR  
FRONT VIEW  
ESC: 1/5



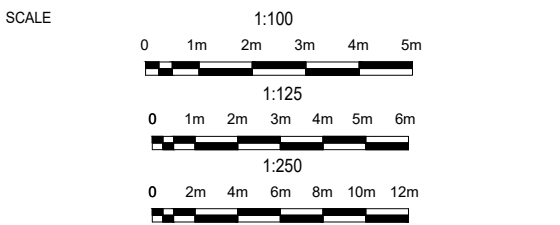
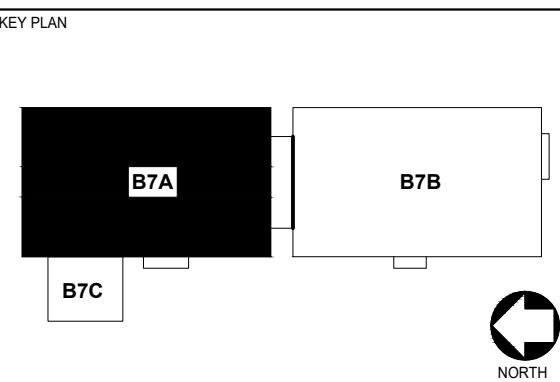
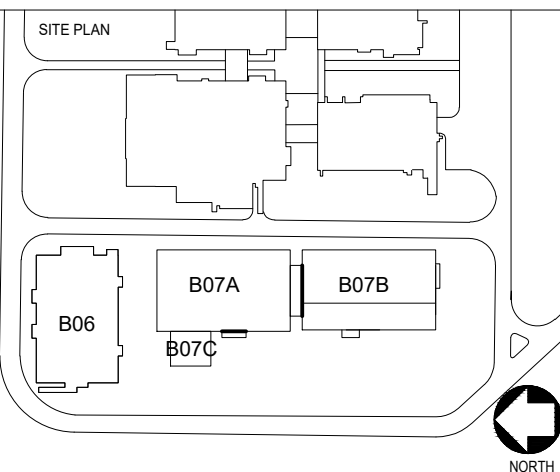
LATERAL VIEW  
ESC: 1/5

SYMBOLOLOGY	
	24 VDC
	220 VAC

REV	DATE	DESCRIPTION	BY	CHECK	APPR
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31	01/04/2022	ISSUE FOR CONSTRUCTION	MAJ	MAJ	RSP
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GENERAL NOTES

- CONTRACTOR MUST INSTALL ALL WIRING INSIDE THE PANEL.
- ELECTRICAL MUST GROUNDING THE FOLLOWING: DOOR, PLATE AND PANEL.
- BLUE MONOPOLAR CABLE, SIZE 1.5 mm² FOR 24 VDC, AND DIMENSIONS IN MILLIMETERS.
- DIMENSIONS IN MILLIMETERS.
- 220 VAC SUPPLY, 60HZ, BY ELECTRICAL CONTRACTOR.
- CONTRACTOR MUST INSTALL INSULATED FERRULES IN BOTH ENDS OF CABLES.
- ALL CABLES SHOULD HAVE LABELS FOR TAG NAME IN BOTH ENDS.
- THE CONTROL PANEL MUST INCLUDE IDENTIFICATION PLATE WITH THE TAG ENGRAVED.
- THE CONTROL PANEL MUST INCLUDE EMERGENCY STOP IDENTIFICATION PLATE.
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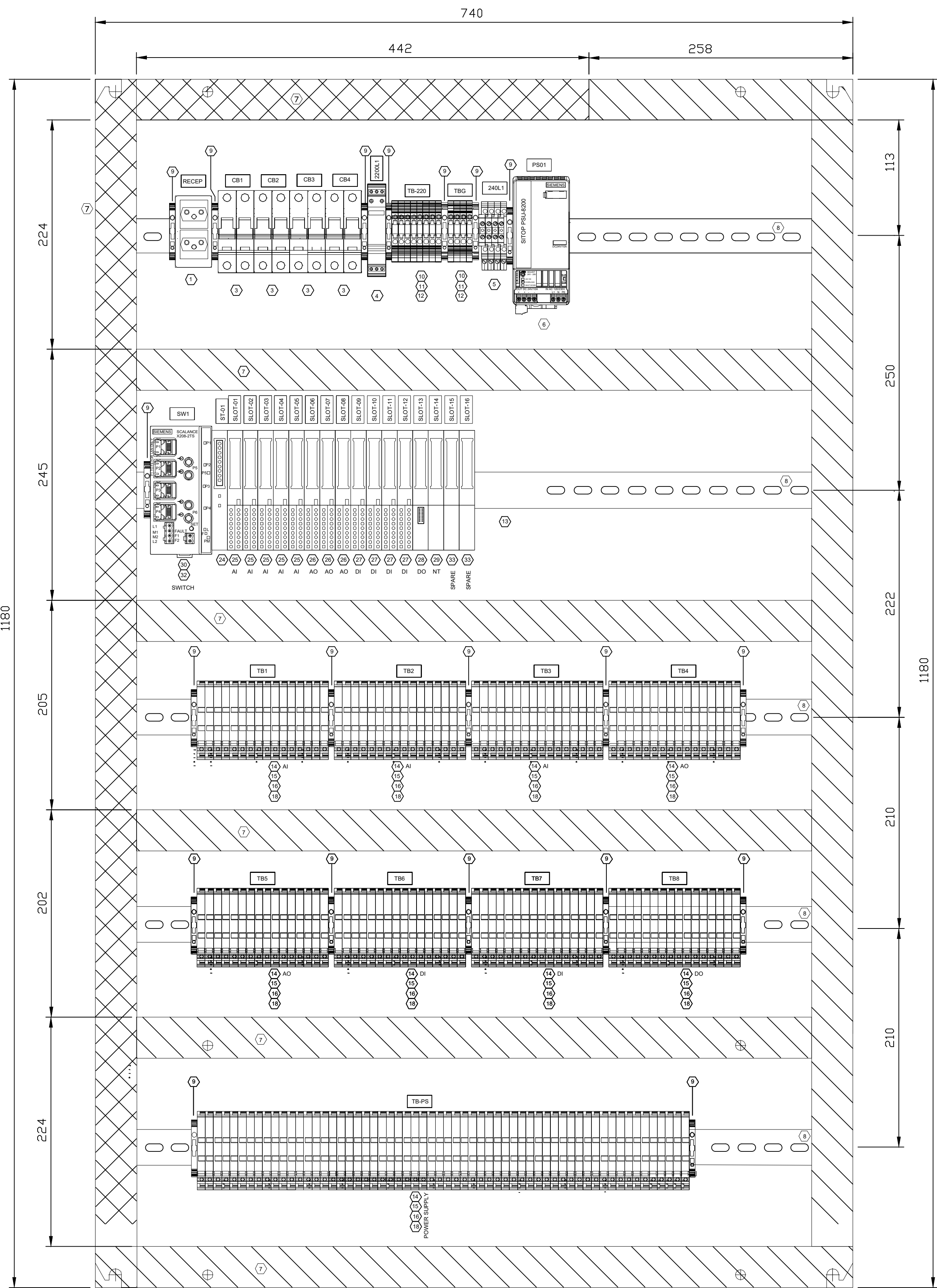
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ENGINEER	ARCHITECT	DESIGNER	IPS PROJECT #
MAJ	BJE	FJT	ITD19439.01
DRAWN BY	REVIEWED BY	SCALE	CADD FILE NAME
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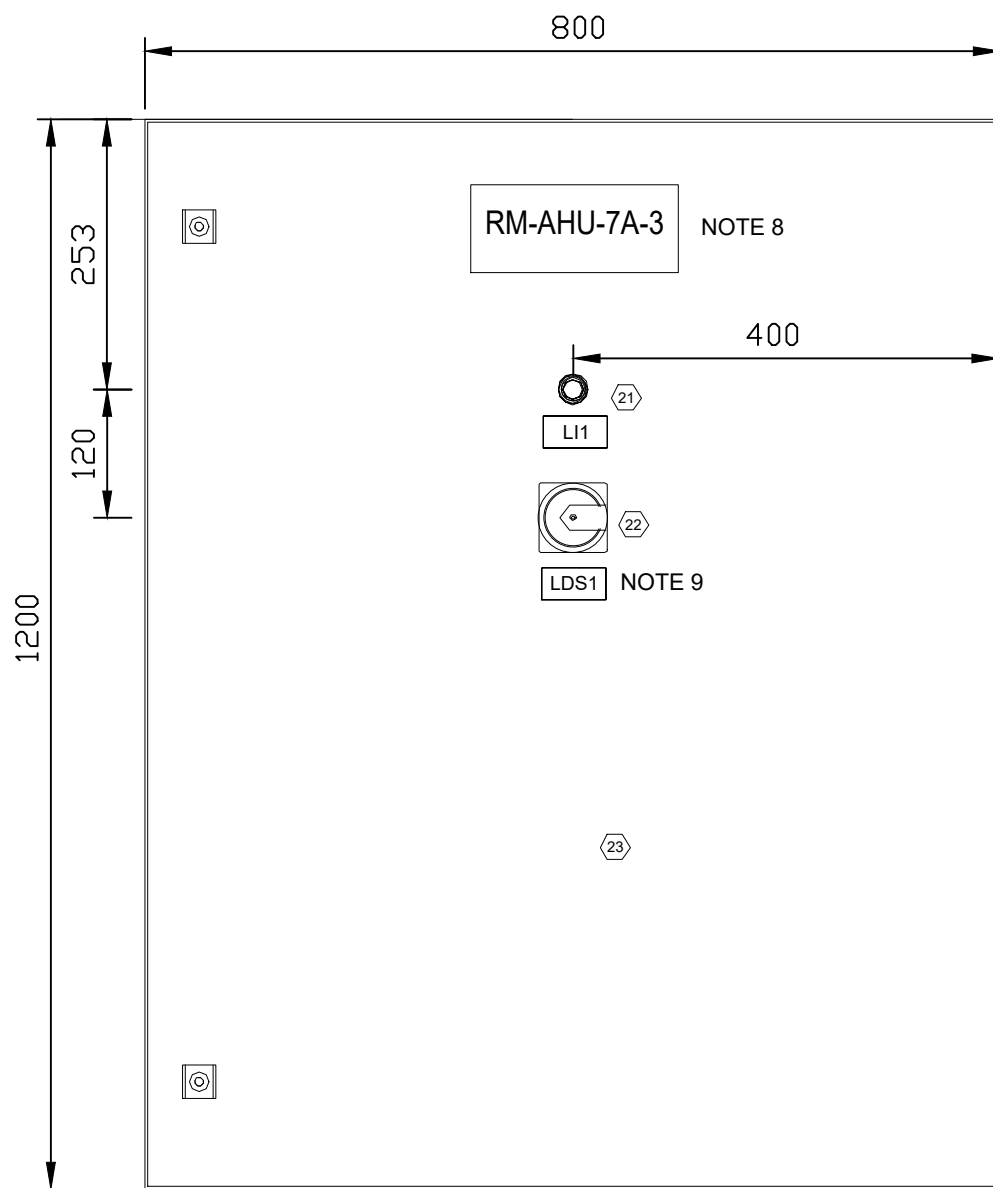
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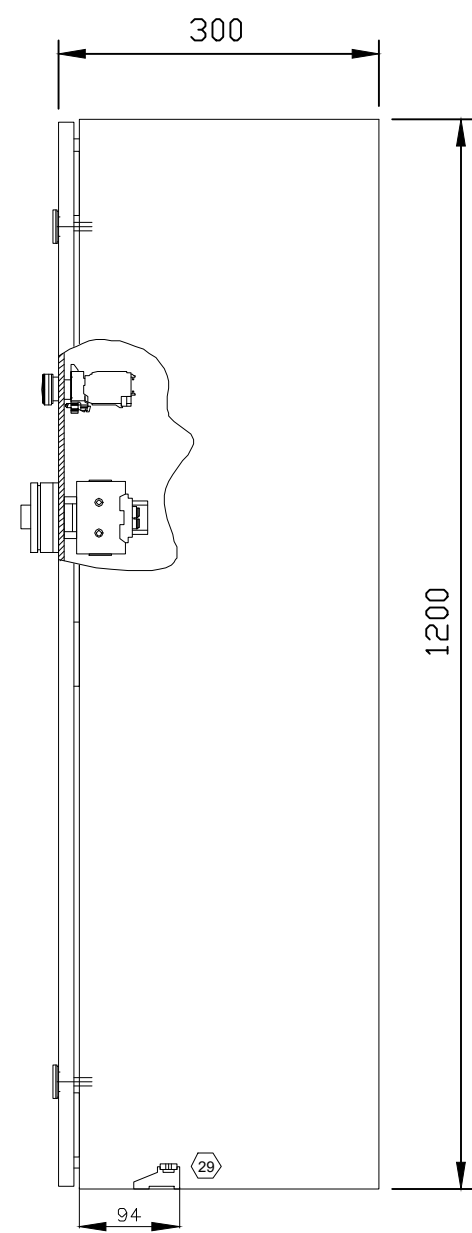


**TECHNICAL FLOOR**  
DISTRIBUTION PANEL  
ESC: 1:2

MATERIAL LIST						
ITEM	QTY	EQUIPMENT DESCRIPTION	CAPACITY	VOLTAGE	PART NUMBER	BRAND
1	1	RECEPTACLE FOR RAIL DIN 220 VAC MAX., 50-60 HZ, 10A MAX. IN ACCORDANCE WITH ABNT NBR 14136	10A	220VAC	-	LEGRAN PIAL
2	60	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	3.15A	24VDC	0431100000	WEIDMÜLLER
3	4	THERMOMAGNETIC SWITCH (CIRCUIT BREAK) 2-POLE 1 SHOT	6A	220VAC	5SX1206-7	SIEMENS
4	1	OVERVOLTAGE PROTECTION	10A	220VAC	-	-
5	4	OVERVOLTAGE PROTECTION	-	24VDC	-	-
6	1	POWER SUPPLY 24Vdc/10A	4A/CA @ 10A/CD	220 VAC @ 24VDC	SITOP PSU8200 24 V/10A	SIEMENS
7	4	PVC WIRING DUCT FROM 40 WIDE X 60 HIGH X 1800 LENGTH	-	-	CD 40X60 CUS-3240389	PHOENIX CONTACT
8	2	RAIL DIN GALVANIZED STEEL 2000 LENGTH	-	-	NS 35/7.5 0801733	PHOENIX CONTACT
9	20	SEPARATOR TOP	-	-	ZEW 35 9540000000	WEIDMÜLLER
10	12	TERMINAL BLOCK STEP TYPE BRIDGR SCREW	-	-	WDU 2.5 1020000000	WEIDMÜLLER
11	3	COVER FOR TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	WAP 2.5-10 105000000	WEIDMÜLLER
12	3	BRIDGE FOR TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	ZQV 2.5N/3 GE 1693810000	WEIDMÜLLER
13	16	PUSH-IN TERMINALS (SLOTS)	-	-	6ES7193-6BP00-0BA0	SIEMENS
14	192	TERMINAL BLOCK OF TOW FLOORS WITH FUSE	-	-	KDKS 1/35 DB 9532440000	WEIDMÜLLER
15	16	COVER FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	9532470000	WEIDMÜLLER
16	34	BRIDGE FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	0461300000	WEIDMÜLLER
17	2	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	1A	24VDC	0430700000	WEIDMÜLLER
18	192	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	0.2A	24VDC	0430400000	WEIDMÜLLER
19	4	TERMINAL BLOCK OF 2 FLOORS WITH GROUND	-	-	1783790000	WEIDMÜLLER
20	4	FINAL COVER FOR TERMINAL BLOCK OF 2 FLOORS WITH GROUND	-	-	1784210000	WEIDMÜLLER
21	1	PILOT LIGHT, RED	-	24VDC	102507297LRP24	EATON
22	1	MAIN SWITCH WITH LOCKING DEVICE, P SWITCH-DISCONNECTORS, FLUSH MOUNTING, 2 POLES, 230 V, INCLUDE: 2 PADLOCKS	-	220VAC	T0-1-8200/EA/SVB	EATON
23	1	800mm X 1200mm X 300mm STAINLESS STEEL CONTROL CABINET, NEMA 4X INCLUDES 739mm X 955mm GALVANIZED STEEL ASSEMBLY PLATE AND CAM LOCKS	-	-	-	RITTAL
24	1	EXPANSION RACK ER 0X - IM-481X	-	-	-	SIEMENS
25	5	MODULE OF 8 ANALOG INPUTS	-	-	-	SIEMENS
26	3	MODULE OF 8 ANALOG OUTPUTS	-	-	-	SIEMENS
27	4	MODULE OF 8 DIGITAL INPUTS	-	-	-	SIEMENS
28	1	MODULE OF 8 DIGITAL OUTPUTS	-	-	-	SIEMENS
29	1	MODULE OF INTERFACE NETWORK BACNET	-	-	-	SIEMENS
30	1	MANAGED SWITCH, 8 RJ45 PORTS	-	-	X204-2TS	SIEMENS
31	1	GROUND RAIL HORIZONTAL, WHIT 20 CONNECTION POINTS WITH M5 SCREWS	-	-	DK 7113.000	RITTAL
32	1	C-PLOG, REPLACEABLE MEDIUM FOR SIMPLE DEVICE EXCHANGE IN CASE OF FAILURE	-	-	6GK1900-0A00	SIEMENS

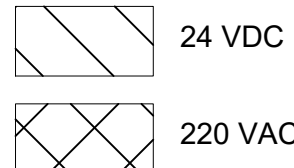


**TECHNICAL FLOOR**  
FRONT VIEW  
ESC: 1:5



LATERAL VIEW  
ESC: 1:5

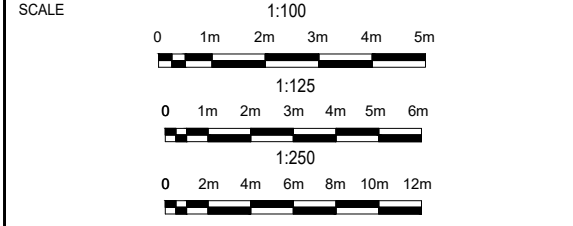
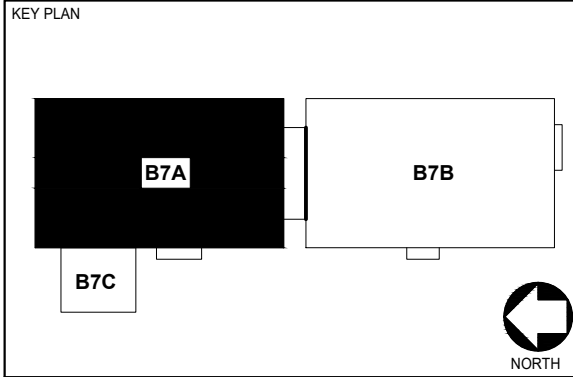
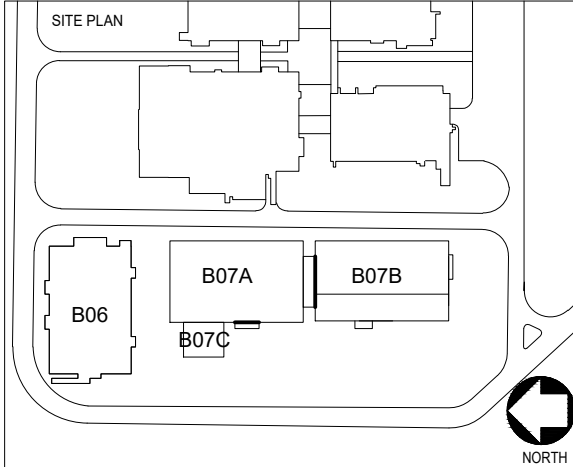
SYMBOLGY



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GENERAL NOTES

- CONTRACTOR MUST INSTALL ALL WIRING INSIDE THE PANEL.
- ELECTRICAL MUST GROUNDING THE FOLLOWING: DOOR, PLATE AND PANEL.
- BLUE MONOPOLAR CABLE, SIZE 1.5 mm² FOR 24 VDC, AND DIMENSIONS IN MILLIMETERS.
- DIMENSIONS IN MILLIMETERS.
- 220 VAC SUPPLY, 60HZ, BY ELECTRICAL CONTRACTOR.
- CONTRACTOR MUST INSTALL INSULATED FERRULES IN BOTH ENDS OF CABLES.
- ALL CABLES SHOULD HAVE LABELS FOR TAG NAME IN BOTH ENDS.
- THE CONTROL PANEL MUST INCLUDE IDENTIFICATION PLATE WITH THE TAG ENGRAVED.
- THE CONTROL PANEL MUST INCLUDE EMERGENCY STOP IDENTIFICATION PLATE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE THE BEST CONDITIONS OF CLEANING, OPERATION AND OPERATION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSIDER THE MISCELLANEOUS NECESSARY TO GUARANTEE ALL THE CONNECTIONS AND CORRECT INSTALLATION.



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ENGINEER MAF	ARCHITECT BJE	DESIGNER FJT	IPS PROJECT # ITD19439.01
DRAWN BY ASS	REVIEWED BY MAJ	SCALE AS NOTED	CADD FILE NAME

XREF FILES	DRAWING NUMBER
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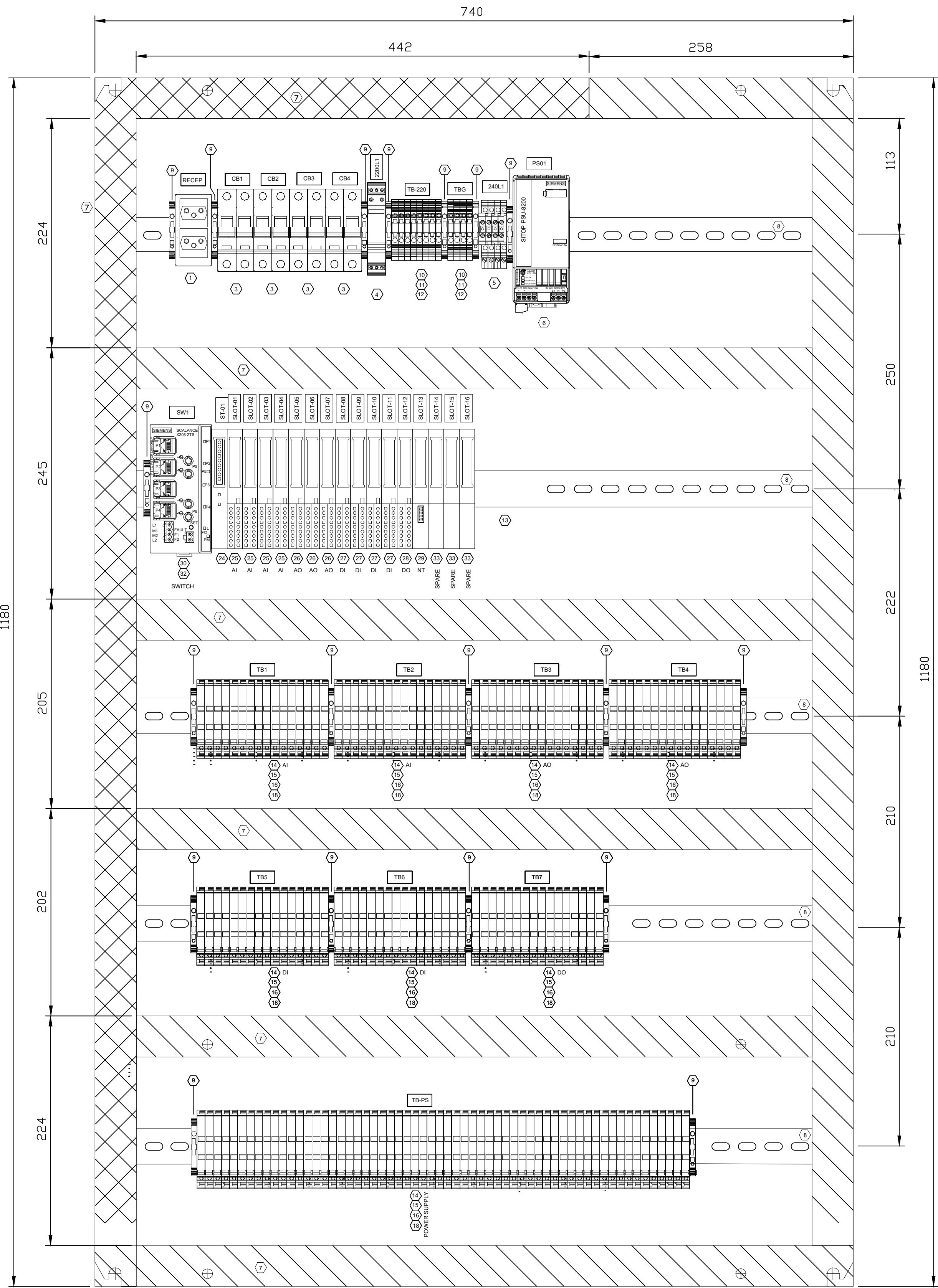




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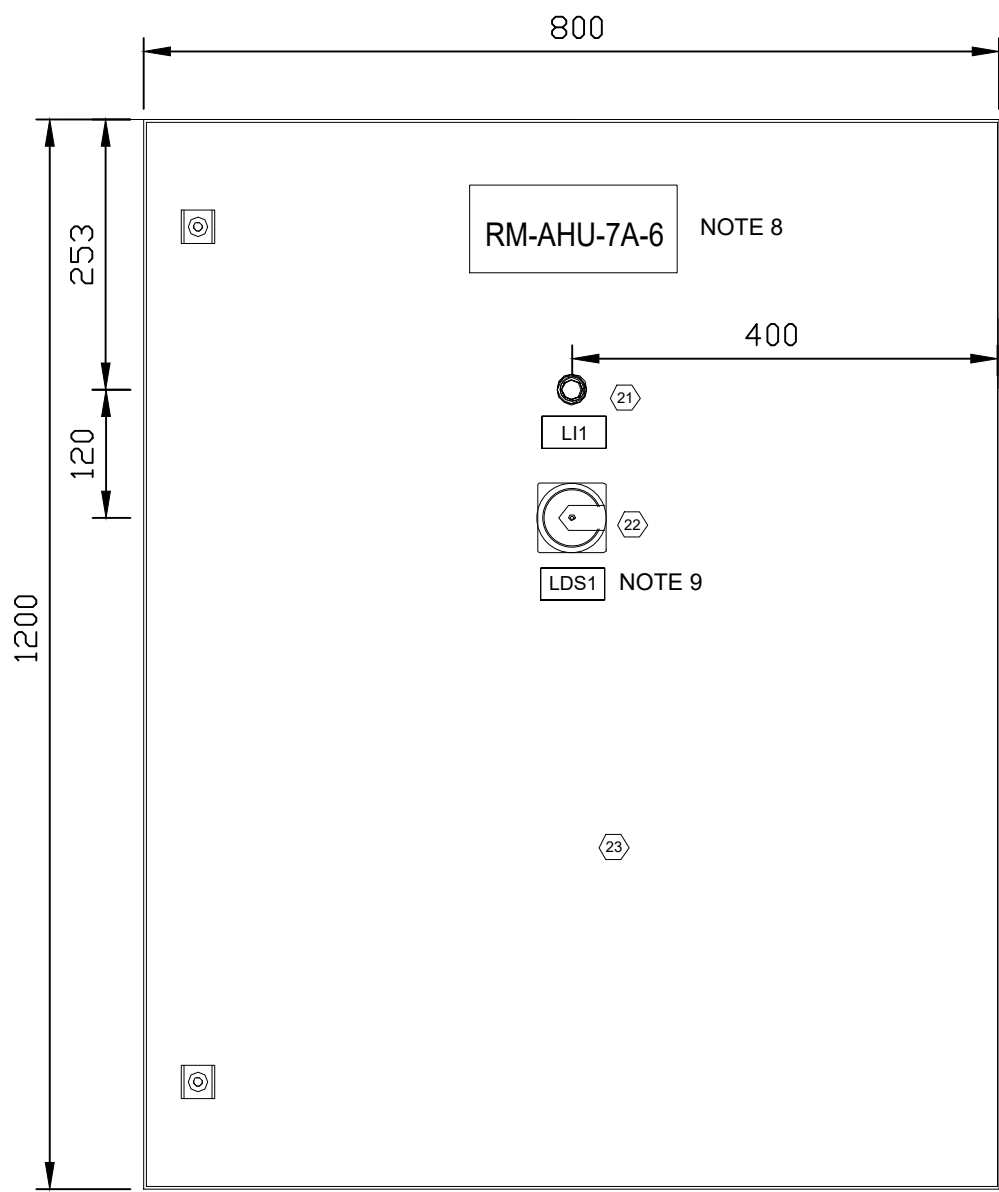
	24 VDC
	220 VAC



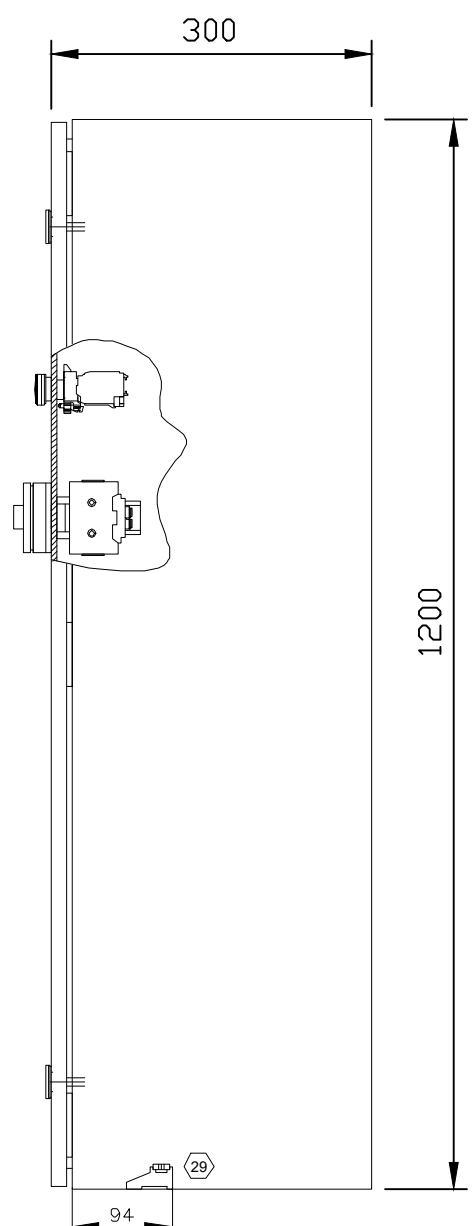


TECHNICAL FLOOR  
DISTRIBUTION PANEL  
ESC: 1/2

MATERIAL LIST						
ITEM	QTY	EQUIPMENT DESCRIPTION	CAPACITY	VOLTAGE	PART NUMBER	BRAND
1	1	RECEPTACLE FOR RAIL, DIN 220 VAC MAX., 50-60 HZ, 10A MAX. IN ACCORDANCE WITH ABNT NBR 14136	10A	220VAC	-	LEGRAN PIAL
2	60	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	3,15A	24VDC	0431100000	WEIDMÜLLER
3	4	THERMOMAGNETIC SWITCH (CIRCUIT BREAK) 2-POLE 1 SHOT	6A	220VAC	5SX1206-7	SIEMENS
4	1	OVERVOLTAGE PROTECTION	10A	220VAC	-	-
5	4	OVERVOLTAGE PROTECTION	-	24VDC	-	-
6	1	POWER SUPPLY 24Vdc/10A	4A/CA @ 10A/CD	220 VAC @ 24VDC	SITOP PSU8200 24 V/10A	SIEMENS
7	4	PVC WIRING DUCT FROM 40 WIDE X 60 HIGH X 1800 LENGTH	-	-	CD 40X60 CUS-3240389	PHOENIX CONTACT
8	2	RAIL DIN GALVANIZED STEEL 2000 LENGTH	-	-	NS 35/7.5 0801733	PHOENIX CONTACT
9	19	SEPARATOR TOP	-	-	ZEW 35 9540000000	WEIDMÜLLER
10	12	TERMINAL BLOCK STEP TYPE BRIDGR SCREW	-	-	WDU 2.5 1020000000	WEIDMÜLLER
11	3	COVER FOR TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	WAP 2.5-10 1050000000	WEIDMÜLLER
12	3	BRIDGE FOR TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	ZQV 2.5N/3 GE 1693810000	WEIDMÜLLER
13	16	PUSH-IN TERMINALS (SLOTS)	-	-	6ES7193-6BP00-0BA0	SIEMENS
14	168	TERMINAL BLOCK OF TOW FLOORS WITH FUSE	-	-	KDKS 1/35 DB 9532440000	WEIDMÜLLER
15	14	COVER FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	9532470000	WEIDMÜLLER
16	32	BRIDGE FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	0461300000	WEIDMÜLLER
17	2	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	1A	24VDC	0430700000	WEIDMÜLLER
18	168	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	0,2A	24VDC	0430400000	WEIDMÜLLER
19	4	TERMINAL BLOCK OF 2 FLOORS WITH GROUND	-	-	1783790000	WEIDMÜLLER
20	4	FINAL COVER FOR TERMINAL BLOCK OF 2 FLOORS WITH GROUND	-	-	1784210000	WEIDMÜLLER
21	1	PILOT LIGHT, RED	-	24VDC	10250T297LRP24	EATON
22	1	MAIN SWITCH WITH LOCKING DEVICE, P SWITCH-DISCONNECTORS, FLUSH MOUNTING, 2 FLOES, 230 V, INCLUDE: 2 PADLOCKS	-	220VAC	T0-1-8200/EA/SVB	EATON
23	1	800mm X 1200mm X 300mm STAINLESS STEEL CONTROL CABINET, NEMA 4X INCLUDES 739mm X 955mm GALVANIZED STEEL ASSEMBLY PLATE AND CAM LOCKS	-	-	-	RITTAL
24	1	EXPANSION RACK ER 0X - IM-461X	-	-	-	SIEMENS
25	4	MODULE OF 8 ANALOG INPUTS	-	-	-	SIEMENS
26	3	MODULE OF 8 ANALOG OUTPUTS	-	-	-	SIEMENS
27	4	MODULE OF 8 DIGITAL INPUTS	-	-	-	SIEMENS
28	1	MODULE OF 8 DIGITAL OUTPUTS	-	-	-	SIEMENS
29	1	MODULE OF INTERFACE NETWORK BACNET	-	-	-	SIEMENS
30	1	MANAGED SWITCH, 8 RJ45 PORTS	-	-	X204-2TS	SIEMENS
31	1	GROUND RAIL HORIZONTAL, WHIT 20 CONNECTION POINTS WITH M5 SCREWS	-	-	DK 7113.000	RITTAL
32	1	C-PLOG, REPLACEABLE MEDIUM FOR SIMPLE DEVICE EXCHANGE IN CASE OF FAILURE	-	-	6GK1900-0AB00	SIEMENS



TECHNICAL FLOOR  
FRONT VIEW  
ESC: 1/5



LATERAL VIEW  
ESC: 1/5

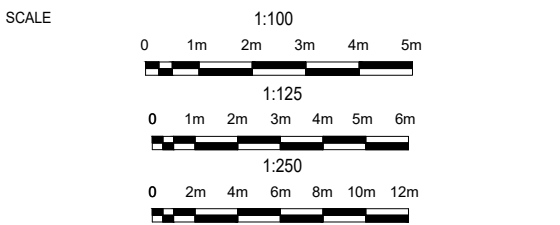
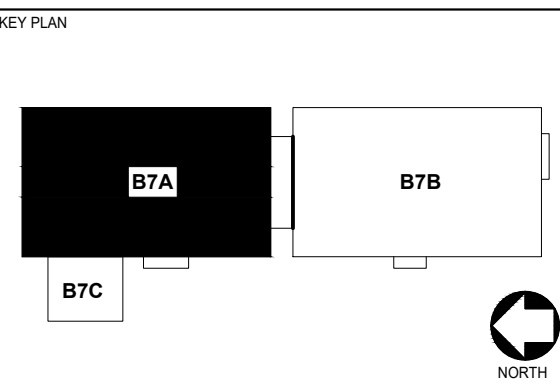
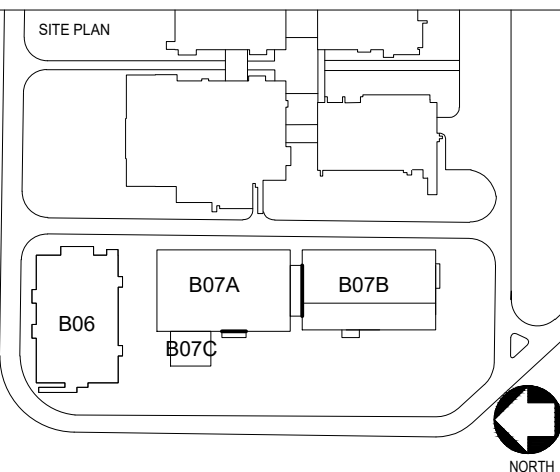
SYMBOLOLOGY

- 24 VDC
- 220 VAC

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32	01/JAN/2022	ISSUE FOR CONSTRUCTION	ASS	MAJ	RSP

GENERAL NOTES

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- ELECTRICAL MUST GROUNDING THE FOLLOWING: DOOR, PLATE AND PANEL.
- BLUE MONOPOLAR CABLE, SIZE 1.5 mm² FOR 24 VDC, AND DIMENSIONS IN MILLIMETERS.
- DIMENSIONS IN MILLIMETERS.
- 220 VAC SUPPLY, 60HZ, BY ELECTRICAL CONTRACTOR.
- CONTRACTOR MUST INSTALL INSULATED FERRULES IN BOTH ENDS OF CABLES.
- ALL CABLES SHOULD HAVE LABELS FOR TAG NAME IN BOTH ENDS.
- THE CONTROL PANEL MUST INCLUDE IDENTIFICATION PLATE WITH THE TAG ENGRAVED.
- THE CONTROL PANEL MUST INCLUDE EMERGENCY STOP IDENTIFICATION PLATE.
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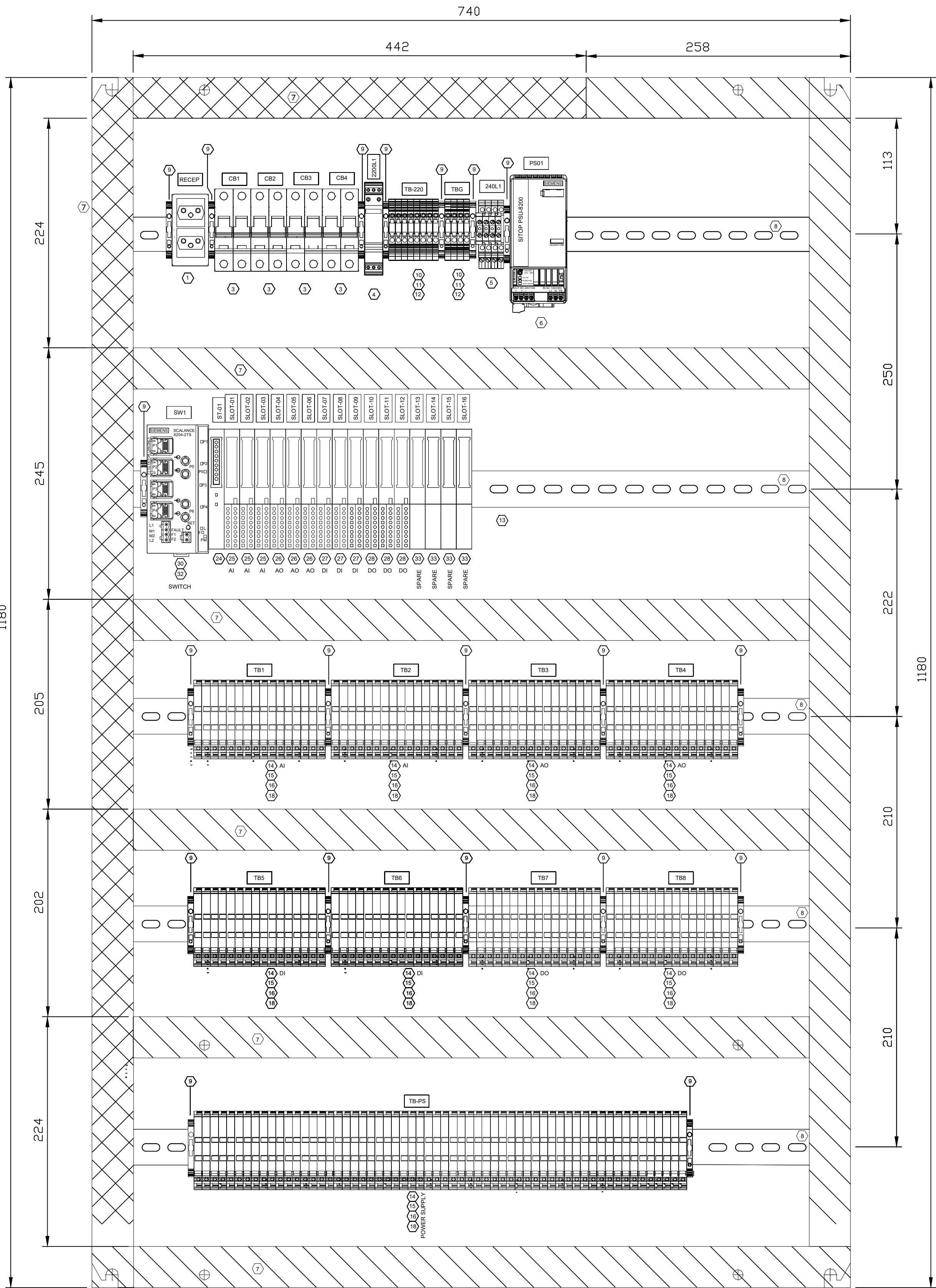
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ENGINEER MAJ	ARCHITECT BJE	DESIGNER FJT	IPS PROJECT # ITD19439.01
DRAWN BY ASS	REVIEWED BY MAJ	SCALE AS NOTED	CADD FILE NAME

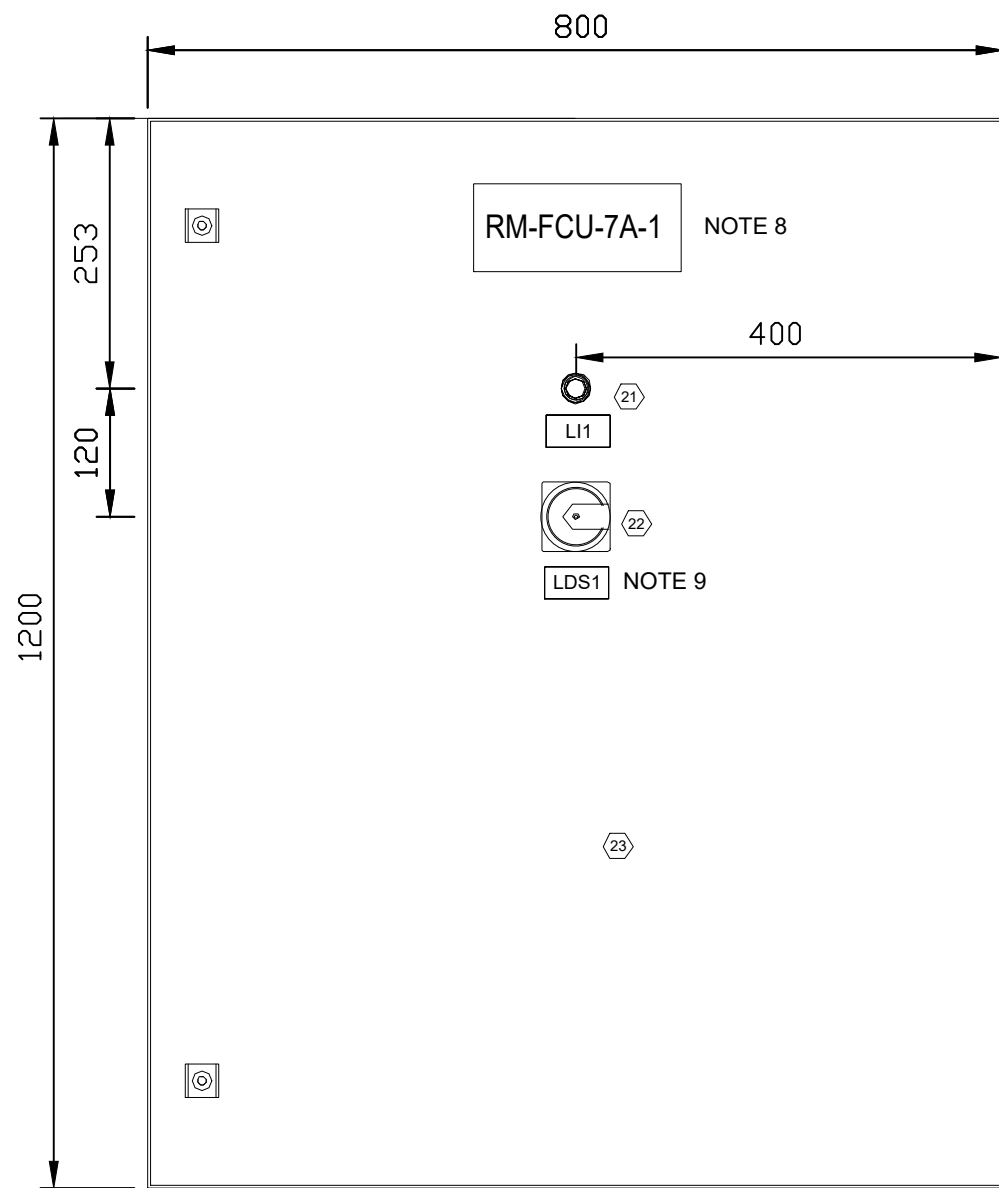
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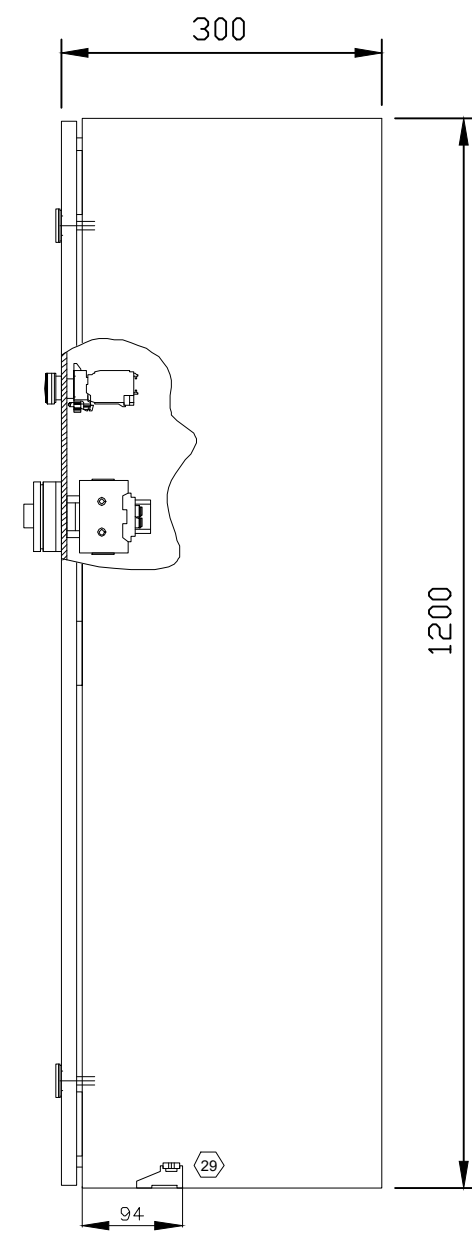


WALKABLE CEILING (GROUND FLOOR)  
DISTRIBUTION PANEL  
ESC: 1/2

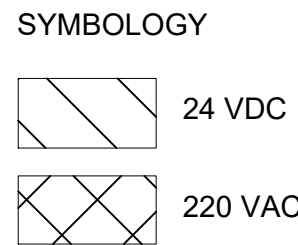
MATERIAL LIST						
ITEM	QTY	EQUIPMENT DESCRIPTION	CAPACITY	VOLTAGE	PART NUMBER	BRAND
1	1	RECEPTACLE FOR RAIL DIN 220 VAC MAX., 50-60 HZ, 10A MAX. IN ACCORDANCE WITH ABNT NBR 14136	10A	220VAC	-	LEGRAN PIAL
60	60	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	3,15A	24VDC	0431100000	WEIDMÜLLER
4	4	THERMOMAGNETIC SWITCH (CIRCUIT BREAK) 2-POLE 1 SHOT	6A	220VAC	5SX1206-7	SIEMENS
1	1	OVERVOLTAGE PROTECTION	10A	220VAC	-	-
4	4	OVERVOLTAGE PROTECTION	-	24VDC	-	-
1	1	POWER SUPPLY 24Vdc/10A	4A/CA @ 10A/CD	220 VAC @ 24VDC	SITOP PSU8200 24 V/10A	SIEMENS
4	4	PVC WIRING DUCT FROM 40 WIDE X 60 HIGH X 1800 LENGTH	-	-	CD 40X60 CUS-3240389	PHOENIX CONTACT
2	2	RAIL DIN GALVANIZED STEEL 2000 LENGTH	-	-	NS 35/7.5 0801733	PHOENIX CONTACT
20	20	SEPARATOR TOP	-	-	ZEWS 35 9540000000	WEIDMÜLLER
12	12	TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	WDU 2.5 1020000000	WEIDMÜLLER
3	3	COVER FOR TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	WAP 2.5-10 1050000000	WEIDMÜLLER
3	3	BRIDGE FOR TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	ZQV 2.5N/3 GE 1693810000	WEIDMÜLLER
16	16	PUSH-IN TERMINALS (SLOTS)	-	-	6ES7193-6BP00-0BA0	SIEMENS
192	192	TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	KOKS 1/3S DB 9532440000	WEIDMÜLLER
16	16	COVER FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	9532470000	WEIDMÜLLER
34	34	BRIDGE FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	0461300000	WEIDMÜLLER
2	2	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	1A	24VDC	0430700000	WEIDMÜLLER
192	192	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	0.2A	24VDC	0430400000	WEIDMÜLLER
4	4	TERMINAL BLOCK OF 2 FLOORS WITH GROUND	-	-	1783790000	WEIDMÜLLER
4	4	FINAL COVER FOR TERMINAL BLOCK OF 2 FLOORS WITH GROUND	-	-	1784210000	WEIDMÜLLER
1	1	PILOT LIGHT, RED	-	24VDC	102507297LRP24	EATON
1	1	MAIN SWITCH WITH LOCKING DEVICE, P SWITCH-DISCONNECTORS, FLUSH MOUNTING, 2 POLES, 230 V, INCLUDES 2 PADLOCKS	-	220VAC	T0-1-8200/EA/SVB	EATON
1	1	800mm X 1200mm X 300mm STAINLESS STEEL CONTROL CABINET, NEMA 4X INCLUDES 730mm X 955mm GALVANIZED STEEL ASSEMBLY PLATE AND CAM LOCKS	-	-	-	RITTAL
1	1	EXPANSION RACK ER 0X - IM-461X	-	-	-	SIEMENS
3	3	MODULE OF 8 ANALOG INPUTS	-	-	-	SIEMENS
3	3	MODULE OF 8 ANALOG OUTPUTS	-	-	-	SIEMENS
3	3	MODULE OF 8 DIGITAL INPUTS	-	-	-	SIEMENS
3	3	MODULE OF 8 DIGITAL OUTPUTS	-	-	-	SIEMENS
-	-	MODULE OF INTERFACE NETWORK BACNET	-	-	-	SIEMENS
1	1	MANAGED SWITCH, 4 RJ45 PORTS	-	-	X204-2TS	SIEMENS
1	1	GROUND RAIL HORIZONTAL, WHITE 20 CONNECTION POINTS WITH M5 SCREWS	-	-	DK 7113.000	RITTAL
1	1	C-PLOG, REPLACEABLE MEDIUM FOR SIMPLE DEVICE EXCHANGE IN CASE OF FAILURE	-	-	6GK1900-0AB00	SIEMENS



WALKABLE CEILING  
FRONT VIEW  
ESC: 1/5



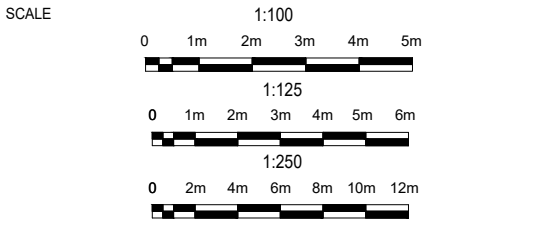
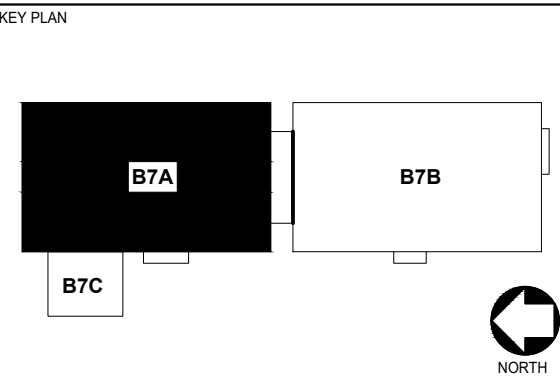
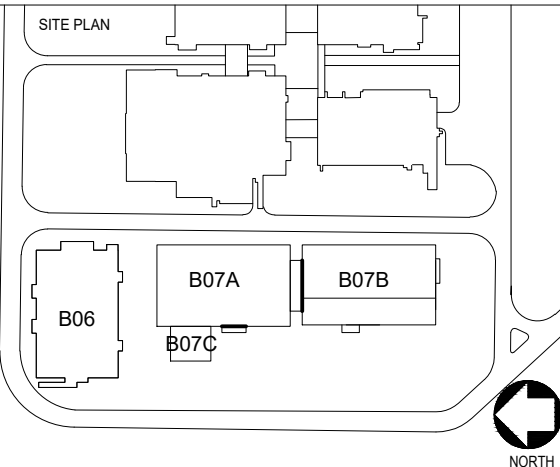
LATERAL VIEW  
ESC: 1/5



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GENERAL NOTES

- CONTRACTOR MUST INSTALL ALL WIRING INSIDE THE PANEL.
- ELECTRICAL MUST GROUNDING THE FOLLOWING: DOOR, PLATE AND PANEL.
- BLUE MONOPOLAR CABLE, SIZE 1.5 mm² FOR 24 VDC, AND DIMENSIONS IN MILLIMETERS.
- DIMENSIONS IN MILLIMETERS.
- 220 VAC SUPPLY, 60HZ, BY ELECTRICAL CONTRACTOR.
- CONTRACTOR MUST INSTALL INSULATED FERRULES IN BOTH ENDS OF CABLES.
- ALL CABLES SHOULD HAVE LABELS FOR TAG NAME IN BOTH ENDS.
- THE CONTROL PANEL MUST INCLUDE IDENTIFICATION PLATE WITH THE TAG ENGRAVED.
- THE CONTROL PANEL MUST INCLUDE EMERGENCY STOP IDENTIFICATION PLATE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE THE BEST CONDITIONS OF CLEANING, OPERATION AND OPERATION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSIDER THE MISCELLANEOUS NECESSARY TO GUARANTEE ALL THE CONNECTIONS AND CORRECT INSTALLATION.



CONFIDENTIAL

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CLIENT

**Takeda**

**Hemobrás**  
BURITI EPCMV PROJECT

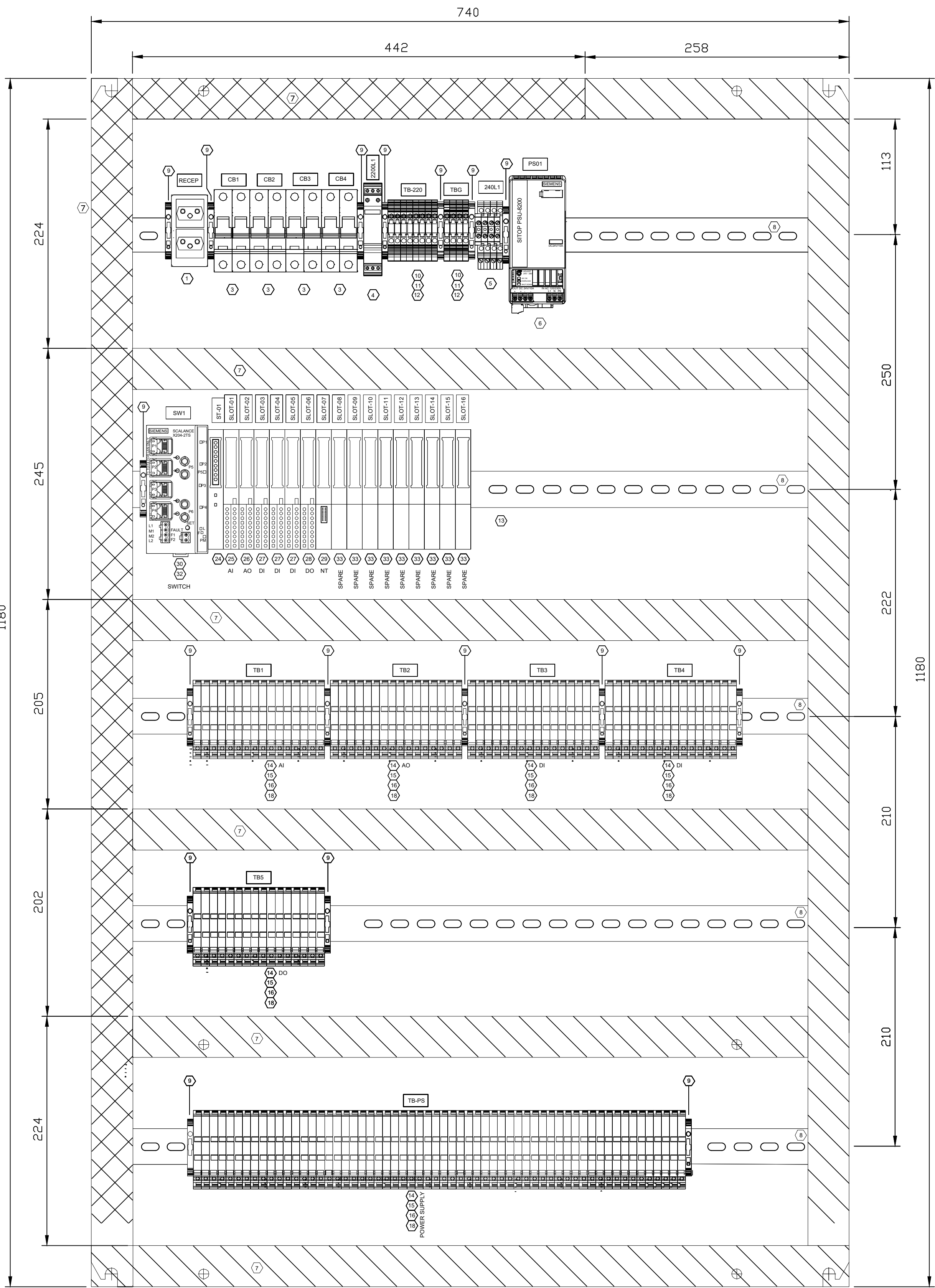
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DRUG PRODUCT BMS  
CABINET ARRANGEMENT  
REMOTE RM-FCU-7A-1

ENGINEER	ARCHITECT	DESIGNER	IPS PROJECT #
MAF	BJE	FJT	ITD19439.01
DRAWN BY	REVIEWED BY	SCALE	CADD FILE NAME
ASS	MAJ	AS NOTED	

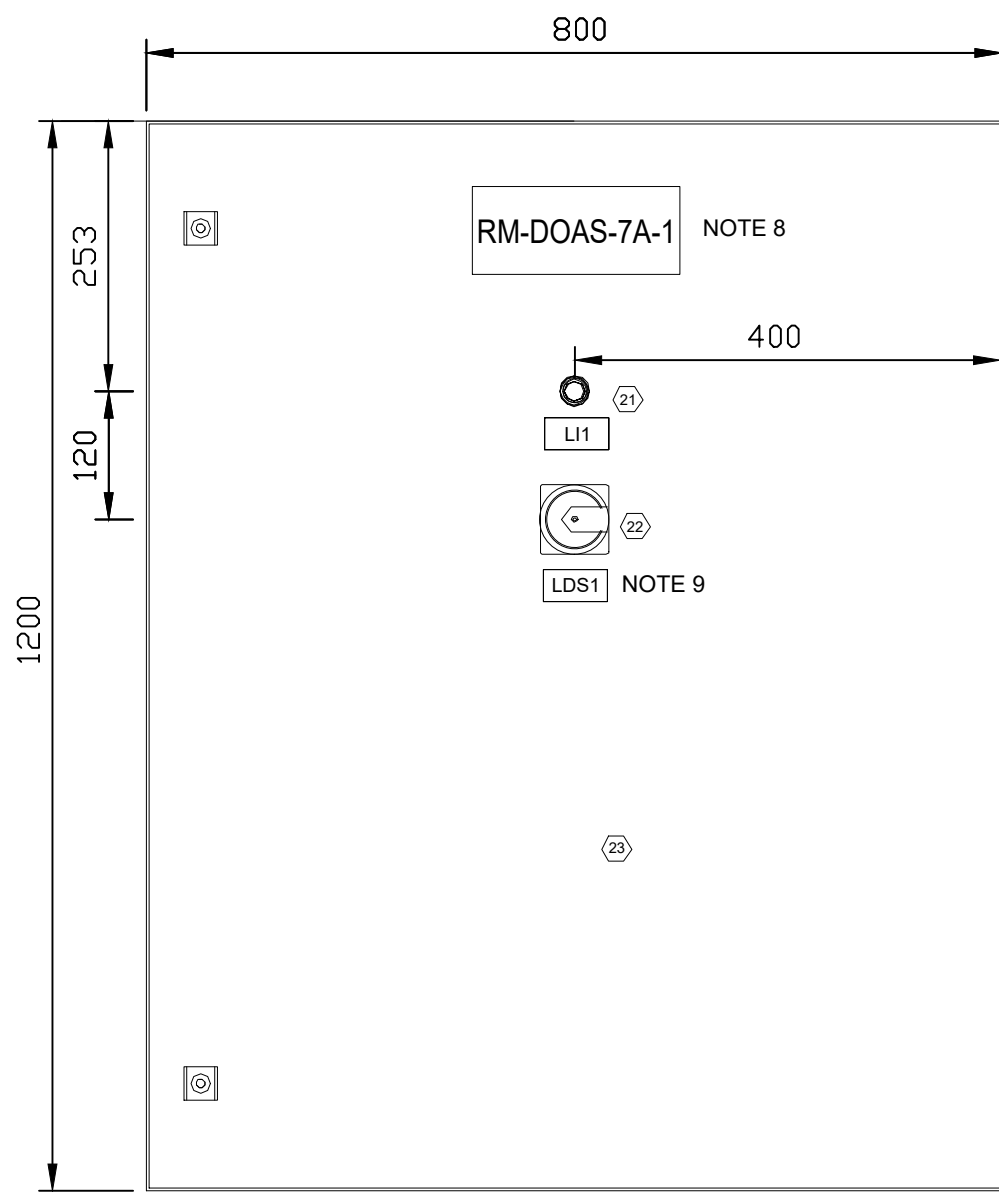
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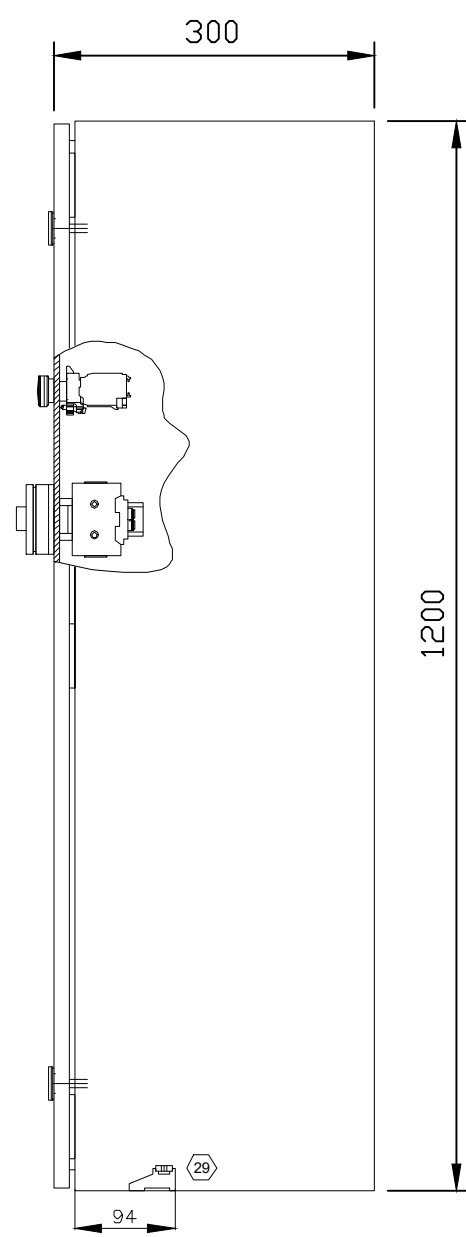


TECHNICAL FLOOR  
DISTRIBUTION PANEL  
ESC: 1/2

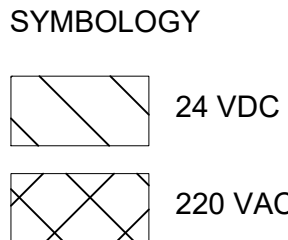
MATERIAL LIST						
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1	1	RECEPTACLE FOR RAIL DIN 220 VAC MAX., 50-60 HZ. 10A MAX. IN ACCORDANCE WITH ABNT NBR 14136	10A	220VAC	-	LEGRAN PIAL
60	60	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	3,15A	24VDC	0431100000	WEIDMÜLLER
4	4	THERMOMAGNETIC SWITCH (CIRCUIT BREAK) 2-POLE 1 SHOT	6A	220VAC	5SK1206-7	SIEMENS
1	1	OVERVOLTAGE PROTECTION	10A	220VAC	-	-
4	4	OVERVOLTAGE PROTECTION	-	24VDC	-	-
1	1	POWER SUPPLY 24Vdc/10A	4A/CA @ 10A/CD	220 VAC @ 24VDC	SITOP PSU8200 24 V10A	SIEMENS
4	4	PVC WIRING DUCT FROM 40 WIDE X 60 HIGH X 1800 LENGTH	-	-	CD 40X60 CUS-3240389	PHOENIX CONTACT
2	2	RAIL DIN GALVANIZED STEEL 2000 LENGTH	-	-	NS 35/7.5 0801733	PHOENIX CONTACT
17	17	SEPARATOR TOP	-	-	ZEW 35 9540000000	WEIDMÜLLER
10	10	TERMINAL BLOCK STEP TYPE BRIDGR SCREW	-	-	WDU 2.5 1020000000	WEIDMÜLLER
3	3	COVER FOR TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	WAP 2.5-10 105000000	WEIDMÜLLER
3	3	BRIDGE FOR TERMINAL BLOCK STEP TYPE BRIDGE SCREW	-	-	ZQV 2.5N/3 GE 1693810000	WEIDMÜLLER
16	16	PUSH-IN TERMINALS (SLOTS)	-	-	6ES7193-6BP00-0BA0	SIEMENS
120	120	TERMINAL BLOCK OF TOW FLOORS WITH FUSE	-	-	KDKS 1/35 DB 9532440000	WEIDMÜLLER
10	10	COVER FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	9532470000	WEIDMÜLLER
28	28	BRIDGE FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	-	-	0461300000	WEIDMÜLLER
2	2	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	1A	24VDC	0430700000	WEIDMÜLLER
120	120	FUSE TYPE G20 FOR TERMINAL BLOCK OF TWO FLOORS WITH FUSE	0,2A	24VDC	0430400000	WEIDMÜLLER
4	4	TERMINAL BLOCK OF 2 FLOORS WITH GROUND	-	-	1783790000	WEIDMÜLLER
4	4	FINAL COVER FOR TERMINAL BLOCK OF 2 FLOORS WITH GROUND	-	-	1784210000	WEIDMÜLLER
1	1	PILOT LIGHT, RED	-	24VDC	102507297LRP24	EATON
1	1	MAIN SWITCH WITH LOCKING DEVICE, P SWITCH-DISCONNECTORS, FLUSH MOUNTING, 2 PLOES, 230 V, INCLUDE: 2 PADLOCKS	-	220VAC	T0-1-8200/EA/SVB	EATON
1	1	800mm X 1200mm X 300mm STAINLESS STEEL CONTROL CABINET, NEMA 4X INCLUDES 739mm X 955mm GALVANIZED STEEL ASSEMBLY PLATE AND CAM LOCKS	-	-	-	RITTAL
1	1	EXPANSION RACK ER 0X - IM-461X	-	-	-	SIEMENS
1	1	MODULE OF 8 ANALOG INPUTS	-	-	-	SIEMENS
1	1	MODULE OF 8 ANALOG OUTPUTS	-	-	-	SIEMENS
3	3	MODULE OF 8 DIGITAL INPUTS	-	-	-	SIEMENS
1	1	MODULE OF 8 DIGITAL OUTPUTS	-	-	-	SIEMENS
1	1	MODULE OF INTERFACE NETWORK BACNET	-	-	-	SIEMENS
1	1	MANAGED SWITCH, 4 RJ45 PORTS	-	-	X204-2TS	SIEMENS
1	1	GROUND RAIL HORIZONTAL, WHIT 20 CONNECTION POINTS WITH M5 SCREWS	-	-	DK 7113.000	RITTAL
1	1	C-PLOG, REPLACEABLE MEDIUM FOR SIMPLE DEVICE EXCHANGE IN CASE OF FAILURE	-	-	6GK1900-0AB00	SIEMENS



TECHNICAL FLOOR  
FRONT VIEW  
ESC: 1/5



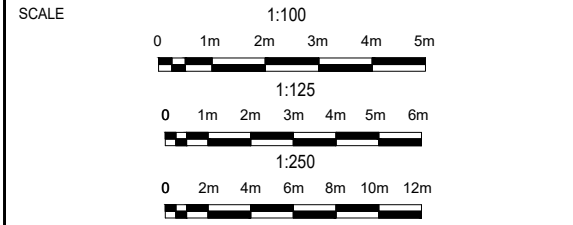
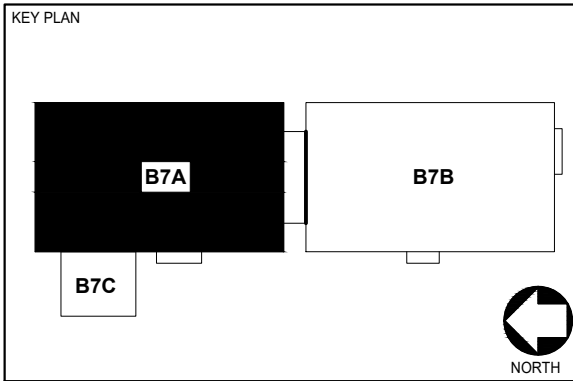
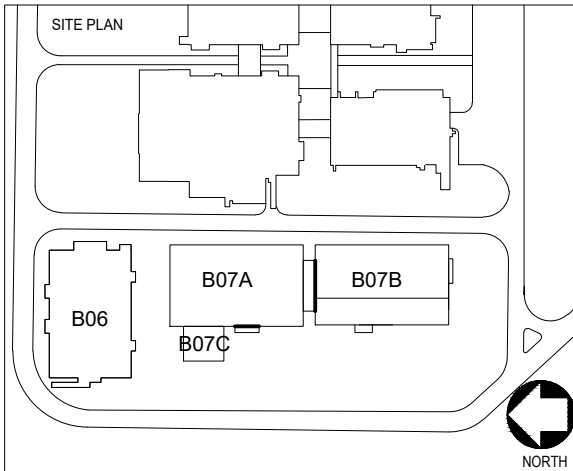
LATERAL VIEW  
ESC: 1/5



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47	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
48	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
49	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
50	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
51	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
52	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
53	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
54	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
55	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
56	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
57	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
58	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
59	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
60	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
61	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
62	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
63	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
64	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
65	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
66	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
67	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
68	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
69	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
70	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
71	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
72	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
73	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
74	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
75	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
76	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
77	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
78	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
79	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
80	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
81	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
82	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
83	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
84	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
85	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
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88	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
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97	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
98	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
99	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP
100	01/01/2021	ISSUE FOR CONSTRUCTION	MAF	MAJ	RSP

GENERAL NOTES

- CONTRACTOR MUST INSTALL ALL WIRING INSIDE THE PANEL.
- ELECTRICAL MUST GROUNDING THE FOLLOWING: DOOR, PLATE AND PANEL.
- BLUE MONOPOLAR CABLE, SIZE 1.5 mm² FOR 24 VDC, AND DIMENSIONS IN MILLIMETERS.
- DIMENSIONS IN MILLIMETERS.
- 220 VAC SUPPLY, 60HZ, BY ELECTRICAL CONTRACTOR.
- CONTRACTOR MUST INSTALL INSULATED FERRULES IN BOTH ENDS OF CABLES.
- ALL CABLES SHOULD HAVE LABELS FOR TAG NAME IN BOTH ENDS.
- THE CONTROL PANEL MUST INCLUDE IDENTIFICATION PLATE WITH THE TAG ENGRAVED.
- THE CONTROL PANEL MUST INCLUDE EMERGENCY STOP IDENTIFICATION PLATE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE THE BEST CONDITIONS OF CLEANING, OPERATION AND OPERATION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSIDER THE MISCELLANEOUS NECESSARY TO GUARANTEE ALL THE CONNECTIONS AND CORRECT INSTALLATION.



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CLIENT

**Takeda**

**Hemobrás**  
BURI TI EPCMV PROJECT

DRAWING TITLE

DRUG PRODUCT BMS  
CABINET ARRANGEMENT  
REMOTE RM-DOAS-7A-1

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