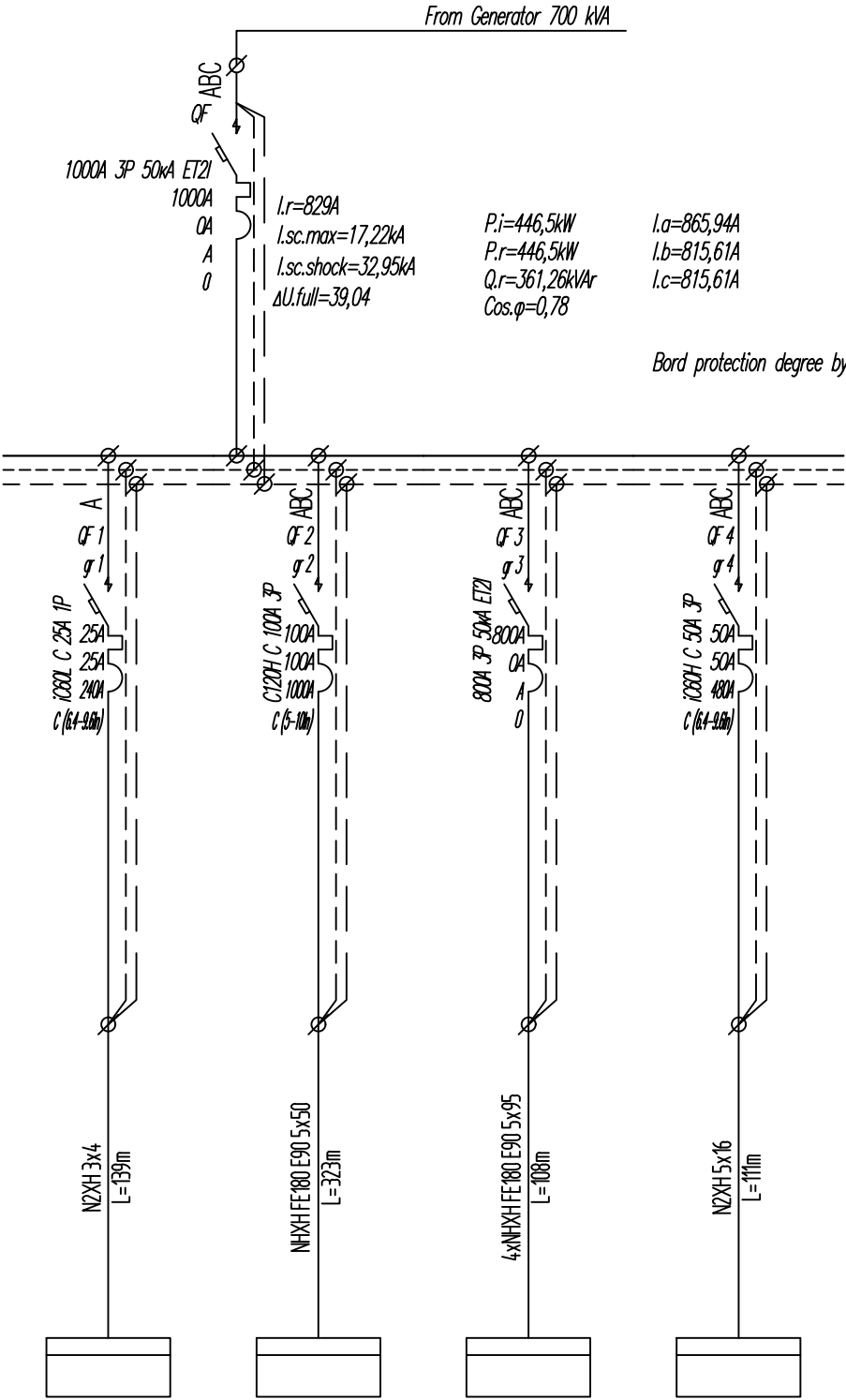


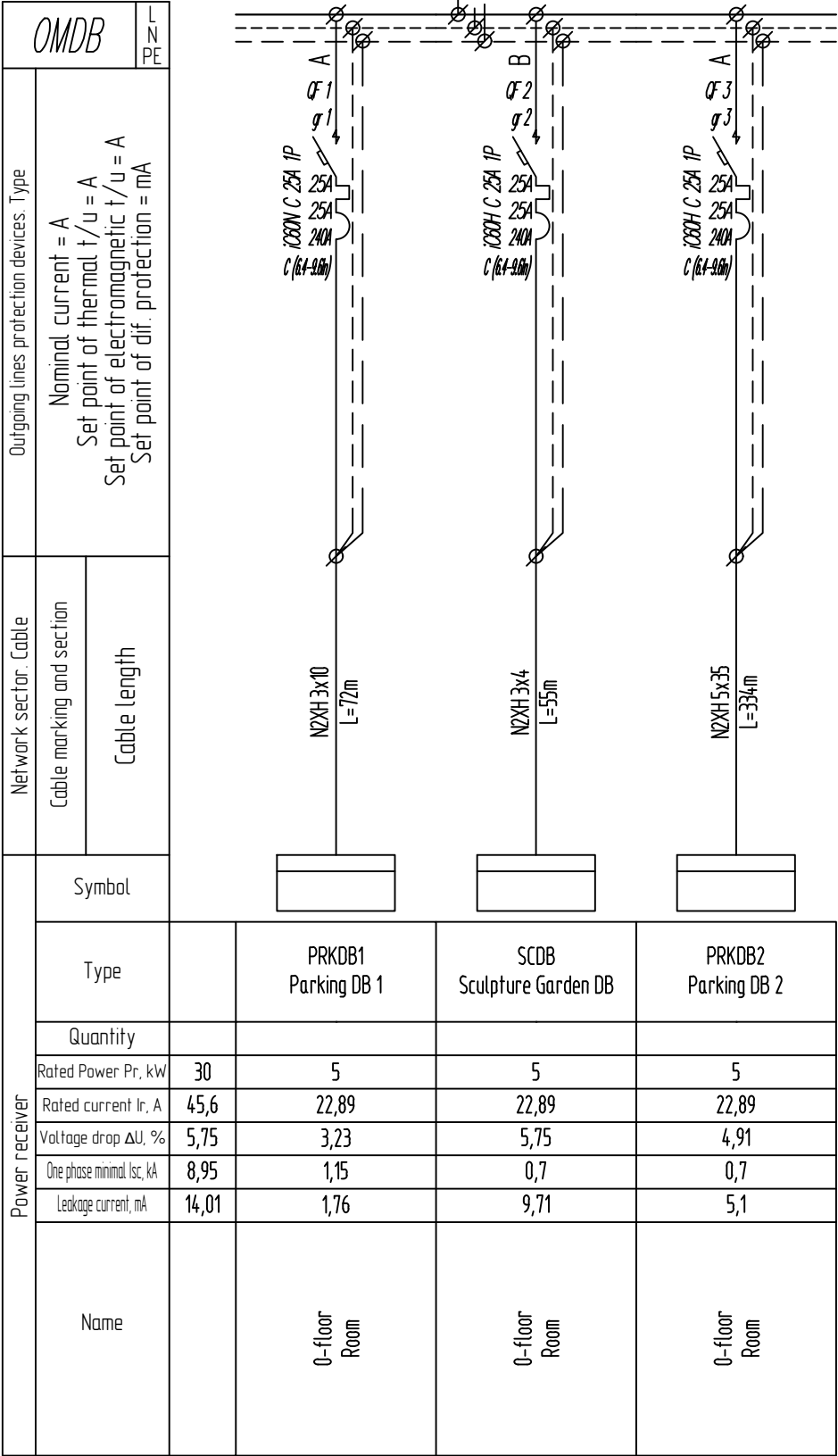
MGDB		L N PE
Power receiver	Outgoing lines protection devices. Type	
	Nominal current = A Set point of thermal t/u = A Set point of electromagnetic t/u = A Set point of dif. protection = mA	
	Network sector. Cable	
	Cable marking and section	
	Cable length	
	Symbol	
	Type	
	Quantity	
	Rated Power Pr, kW	
	Rated current Ir, A	
	Voltage drop ΔU, %	
	One phase minimal Isc, kA	
	Leakage current, mA	
	Name	



LEGENDS	
Code	Description
QF	Circuit Breaker
QFD	Residual current circuit breaker with overcurrent protection
QD	Residual current circuit breaker
QS	Contact breaker
KM	Contactora
FV	Surge Arrester
K	Relay
FU	Fuse
UZ	Frequency converter
PA	Ampermeter
PV	Voltmeter
MX	Shunt Release
TA	Current transformer
PN	Active energy meter
PI	Complex energy meter

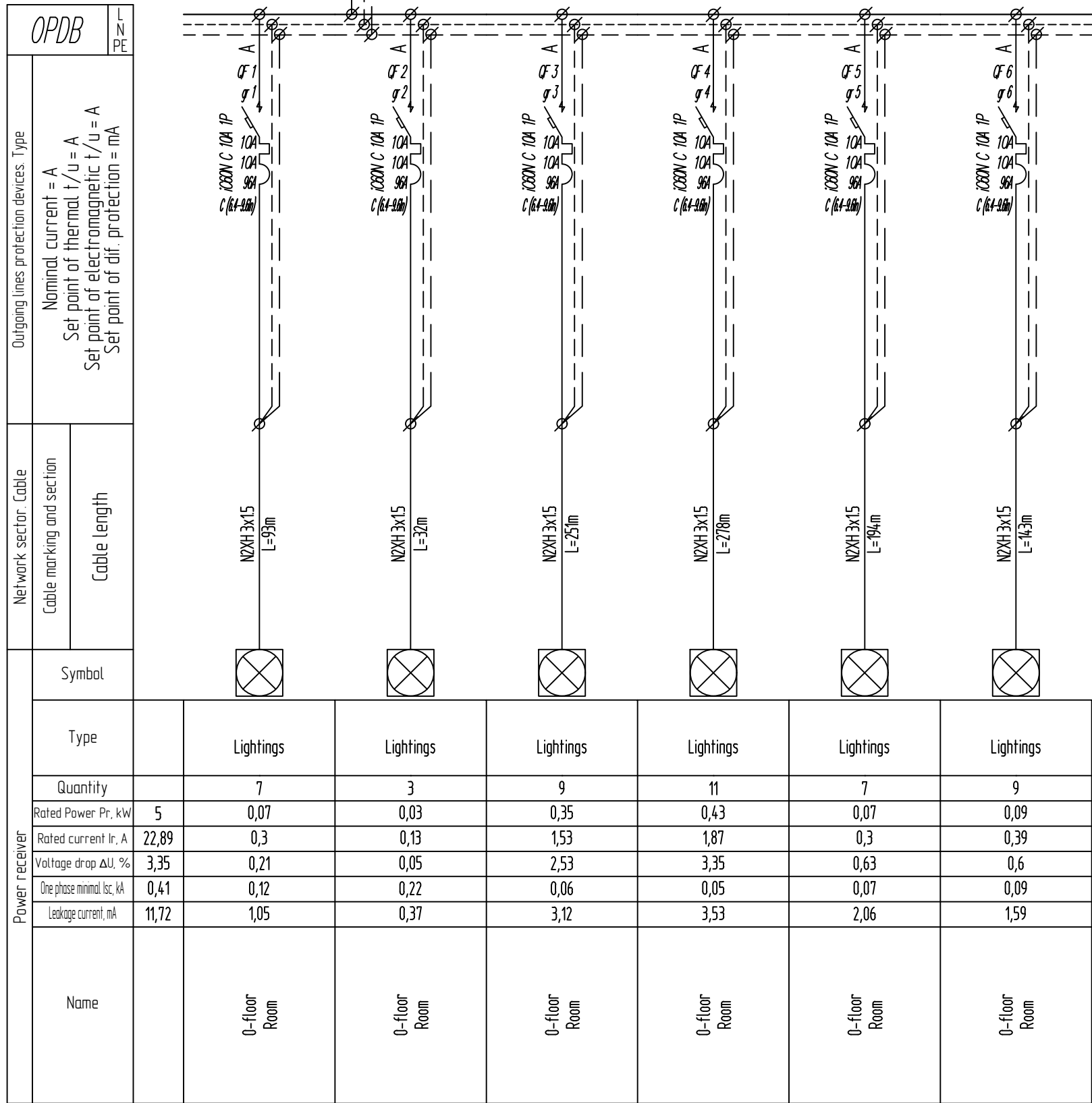
0	10.02.2020	Initial release	N.L.	D.M.	B.D.
Rev.	Date	Description	Dev.	Check	Confirm
Project: Lisi School. Master Plan					
Client: Artsudio Project LLC					
Contractor: Baltic Business Development LLC					
Drawing name: MGDB Single Line Diagram					
Code	BBD22-026.PWR.SLD	List:	2 / 11	Format:	A3
Scale	-				





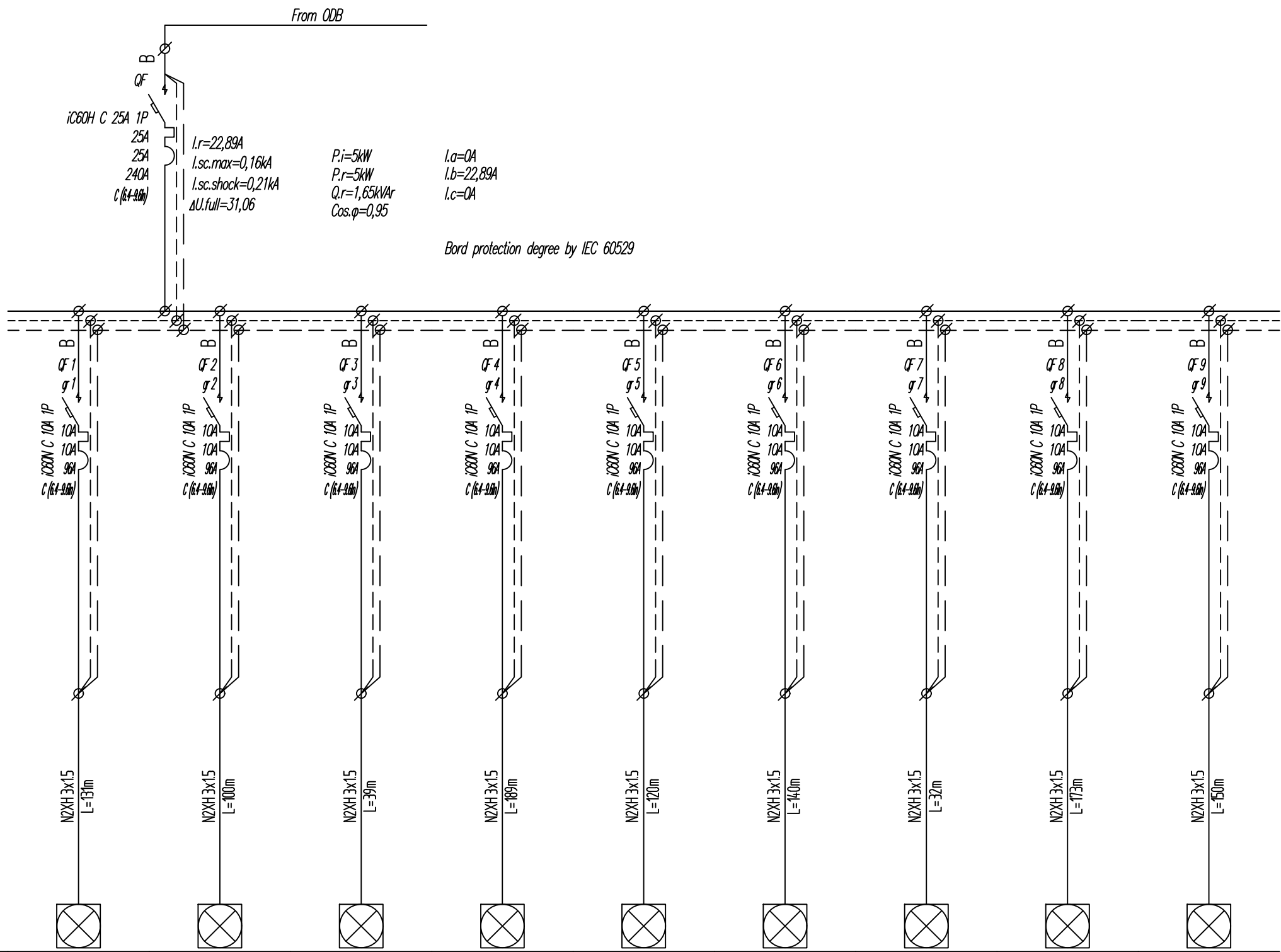
LEGENDS	
Code	Description
QF	Circuit Breaker
QFD	Residual current circuit breaker with overcurrent protection
QD	Residual current circuit breaker
QS	Contact breaker
KM	Contactar
FV	Surge Arrester
K	Relay
FU	Fuse
UZ	Frequency converter
PA	Ampermeter
PV	Voltmeter
MX	Shunt Release
TA	Current transformer
PN	Active energy meter
PI	Complex energy meter

0	10.02.2020	Initial release	N.L.	D.M.	B.D.
Rev.	Date	Description	Dev.	Check	Confirm
Project: Lisi School. Master Plan					
Client: Artsudio Project LLC					
Contractor: Baltic Business Development LLC					
Drawing name: OMDB Single Line Diagram					
Code	BB022-026.PWR.SLD	List:	4 / 11	Format:	A3
Scale	-				



LEGENDS	
Code	Description
QF	Circuit Breaker
QFD	Residual current circuit breaker with overcurrent protection
QD	Residual current circuit breaker
QS	Contact breaker
KM	Contacteur
FV	Surge Arrester
K	Relay
FU	Fuse
UZ	Frequency converter
PA	Ampermeter
PV	Voltmeter
MX	Shunt Release
TA	Current transformer
PN	Active energy meter
PI	Complex energy meter

0	10.02.2020	Initial release	N.L.	D.M.	B.D.
Rev.	Date	Description	Dev.	Check	Confirm
Project:					
Lisi School. Master Plan					
Client:					
Artsudio Project LLC					
Contractor:					
Baltic Business Development LLC					
Drawing name:					
OPDB Single Line Diagram					
Code	BBD22-026.PWR.SLD	List:	5 / 11	Format:	A3
Scale	-				



OPDB1		L N PE
Outgoing lines protection devices. Type		
Nominal current = A		
Set point of thermal t/u = A		
Set point of electromagnetic t/u = A		
Set point of dif. protection = mA		
Network sector. Cable	Cable marking and section	
	Cable length	
Symbol	Type	
Quantity	Lightings	
Rated Power Pr, kW	5	0,23
Rated current Ir, A	22,89	1,02
Voltage drop ΔU, %	1,98	1,07
One phase minimal Isc, kA	0,15	0,07
Leakage current, mA	12,86	1,72
Name	0-floor Room	

LEGENDS

Code	Description
QF	Circuit Breaker
QFD	Residual current circuit breaker with overcurrent protection
QD	Residual current circuit breaker
QS	Contact breaker
KM	Contactors
FV	Surge Arrester
K	Relay
FU	Fuse
UZ	Frequency converter
PA	Ampermeter
PV	Voltmeter
MX	Shunt Release
TA	Current transformer
PN	Active energy meter
PI	Complex energy meter

0	10.02.2020	Initial release	N.L.	D.M.	B.D.
Rev.	Date	Description	Dev.	Check	Confirm

Project:
Lisi School. Master Plan

Client:
Artsudio Project LLC

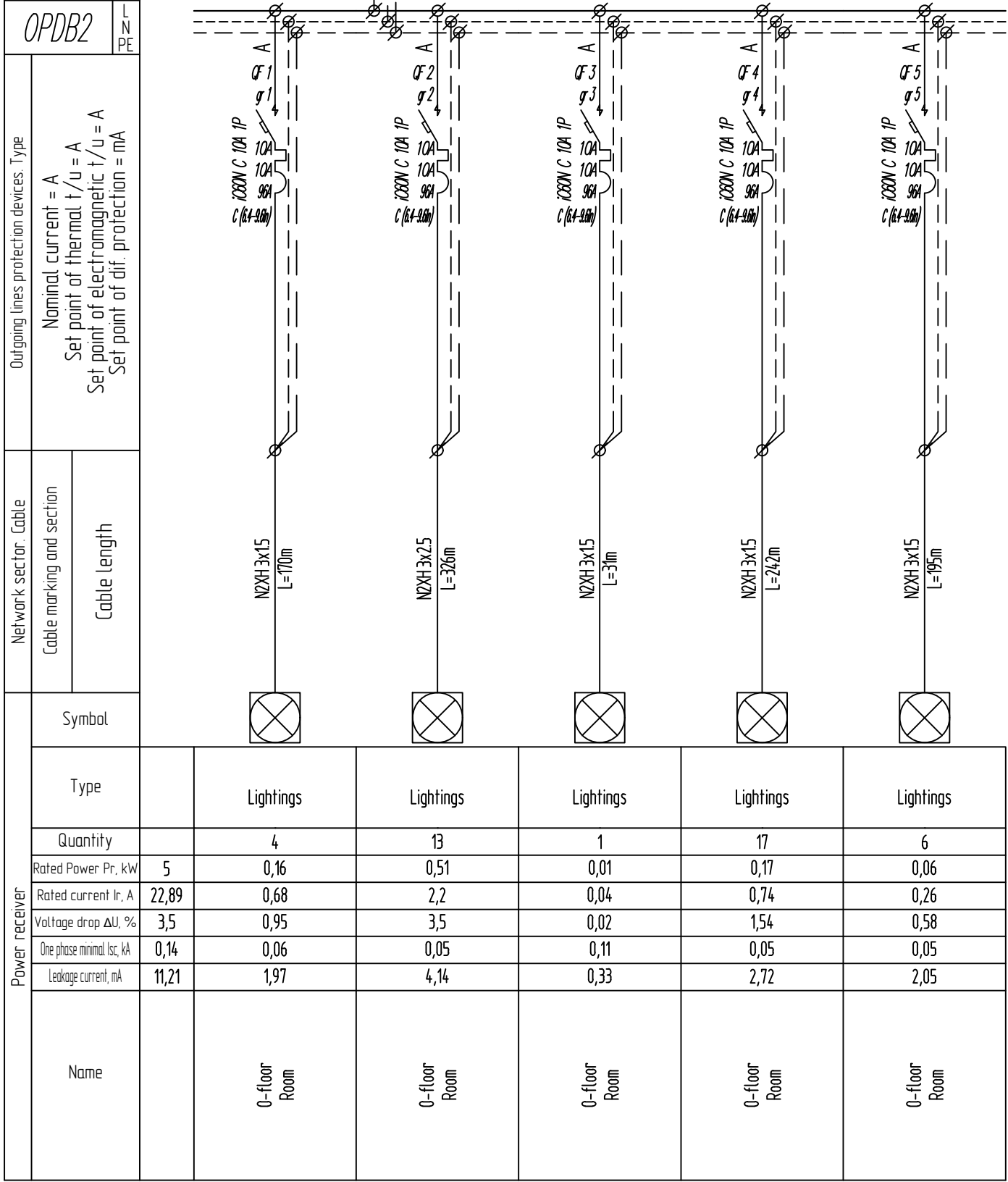
Contractor:
Baltic Business Development LLC

Drawing name:
OPDB1 Single Line Diagram

ARTSTUDIO PROJECT

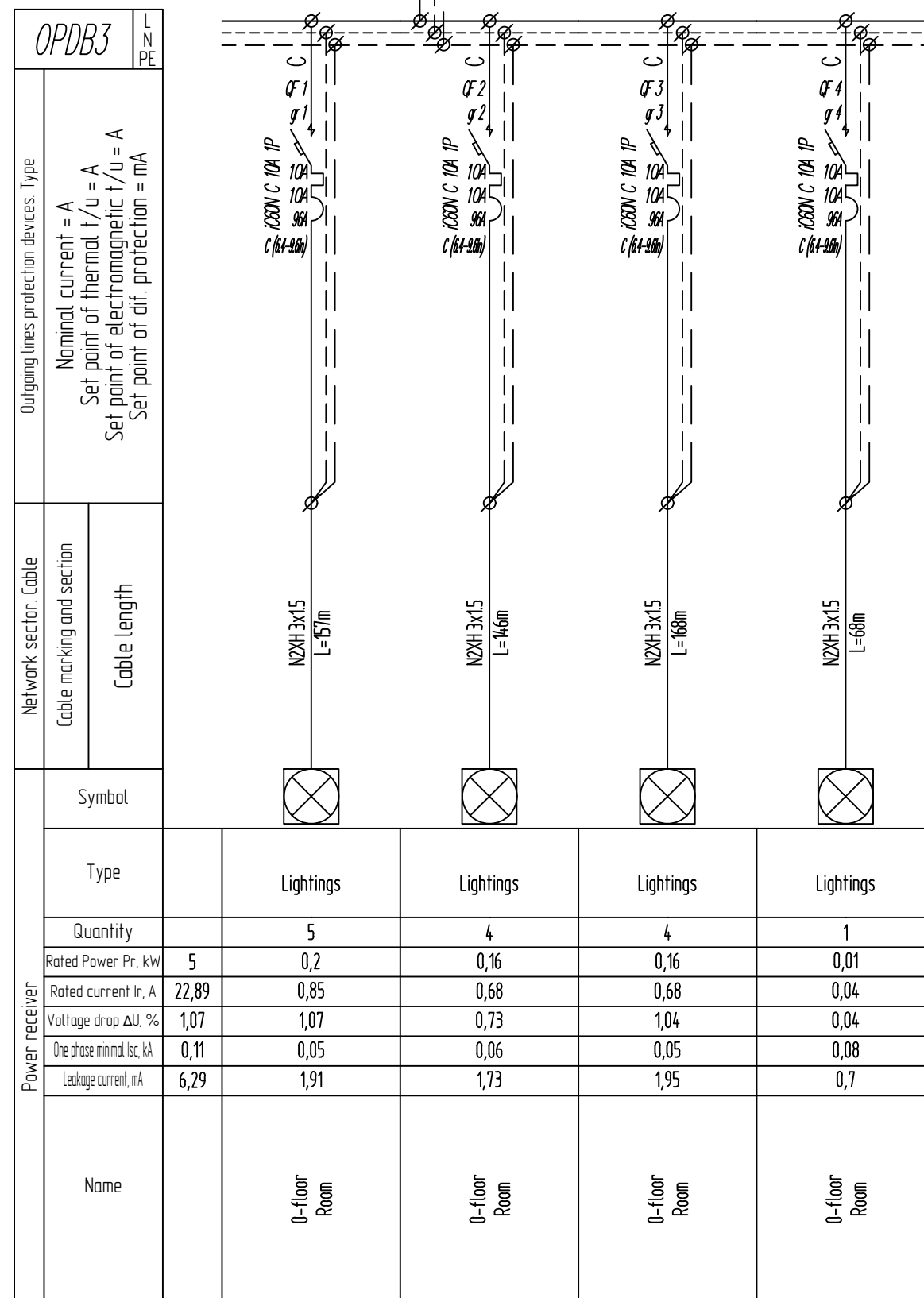
BBD Baltic Business Development

Code	BBD22-026.PWR.SLD	List:	6 / 11	Format:	A3	Scale	-
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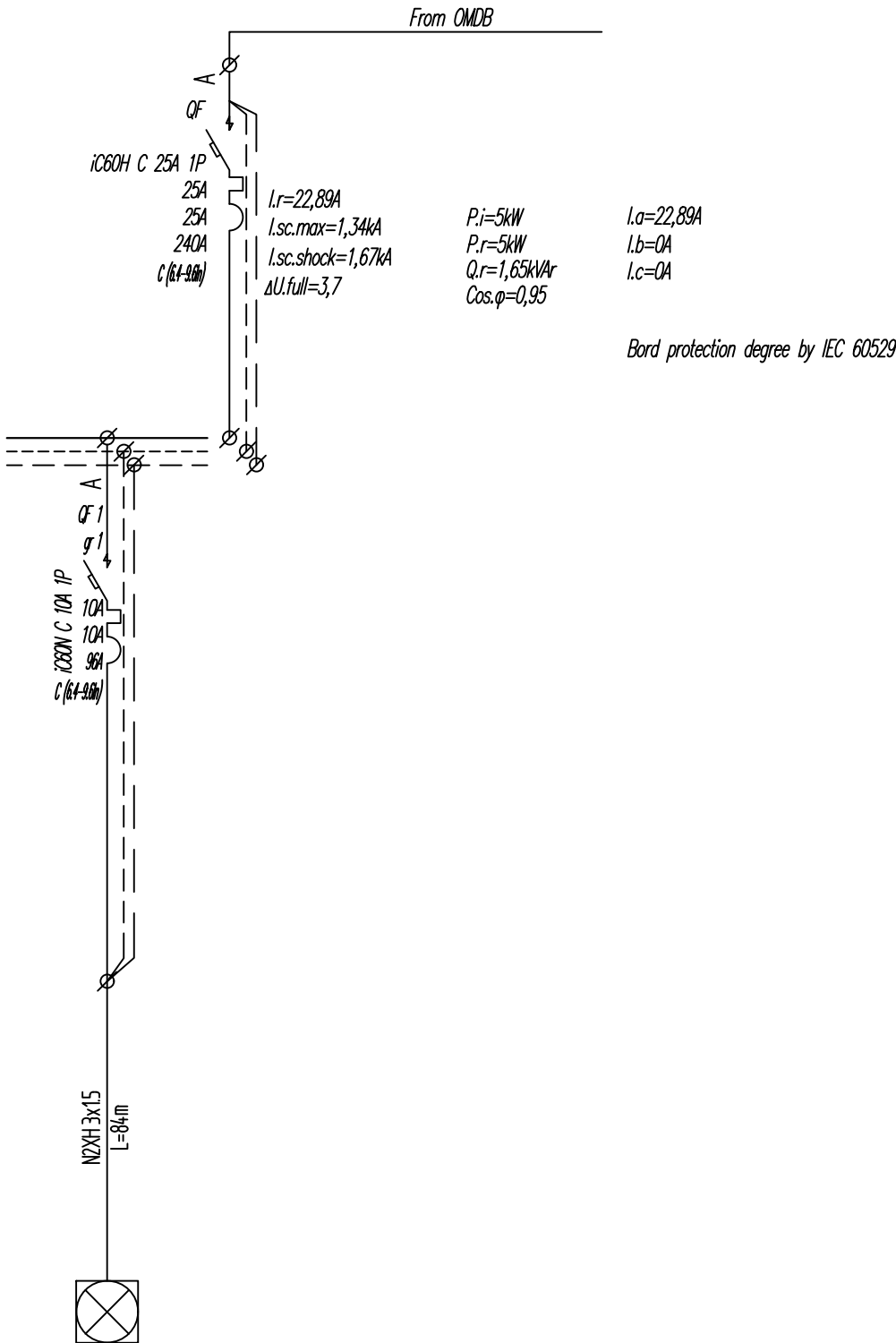
LEGENDS	
Code	Description
QF	Circuit Breaker
QFD	Residual current circuit breaker with overcurrent protection
QD	Residual current circuit breaker
QS	Contact breaker
KM	Contacttor
FV	Surge Arrester
K	Relay
FU	Fuse
UZ	Frequency converter
PA	Ampermeter
PV	Voltmeter
MX	Shunt Release
TA	Current transformer
PN	Active energy meter
PI	Complex energy meter

0	10.02.2020	Initial release	N.L.	D.M.	B.D.
Rev.	Date	Description	Dev.	Check	Confirm
Project:					
Lisi School. Master Plan					
Client:					
Artstudio Project LLC					
Contractor:					
Baltic Business Development LLC					
Drawing name:					
OPDB2 Single Line Diagram					
Code	BBD22-026.PWR.SLD	List:	7 / 11	Format:	A3
Scale	-				



LEGENDS					
Code	Description				
QF	Circuit Breaker				
QFD	Residual current circuit breaker with overcurrent protection				
QD	Residual current circuit breaker				
QS	Contact breaker				
KM	Contactor				
FV	Surge Arrester				
K	Relay				
FU	Fuse				
UZ	Frequency converter				
PA	Ampermeter				
PV	Voltmeter				
MX	Shunt Release				
TA	Current transformer				
PN	Active energy meter				
PI	Complex energy meter				
0	10.02.2020	Initial release	N.L.	D.M.	B.D.
Rev.	Date	Description	Dev.	Check	Confirm
Project:					
Lisi School. Master Plan					
Client:					
Artsudio Project LLC					
Contractor:					
Baltic Business Development LLC					
Drawing name:					
OPDB3 Single Line Diagram					
Code	BB022-026.PWR.SLD	List:	8 / 11	Format:	A3
Scale	-				

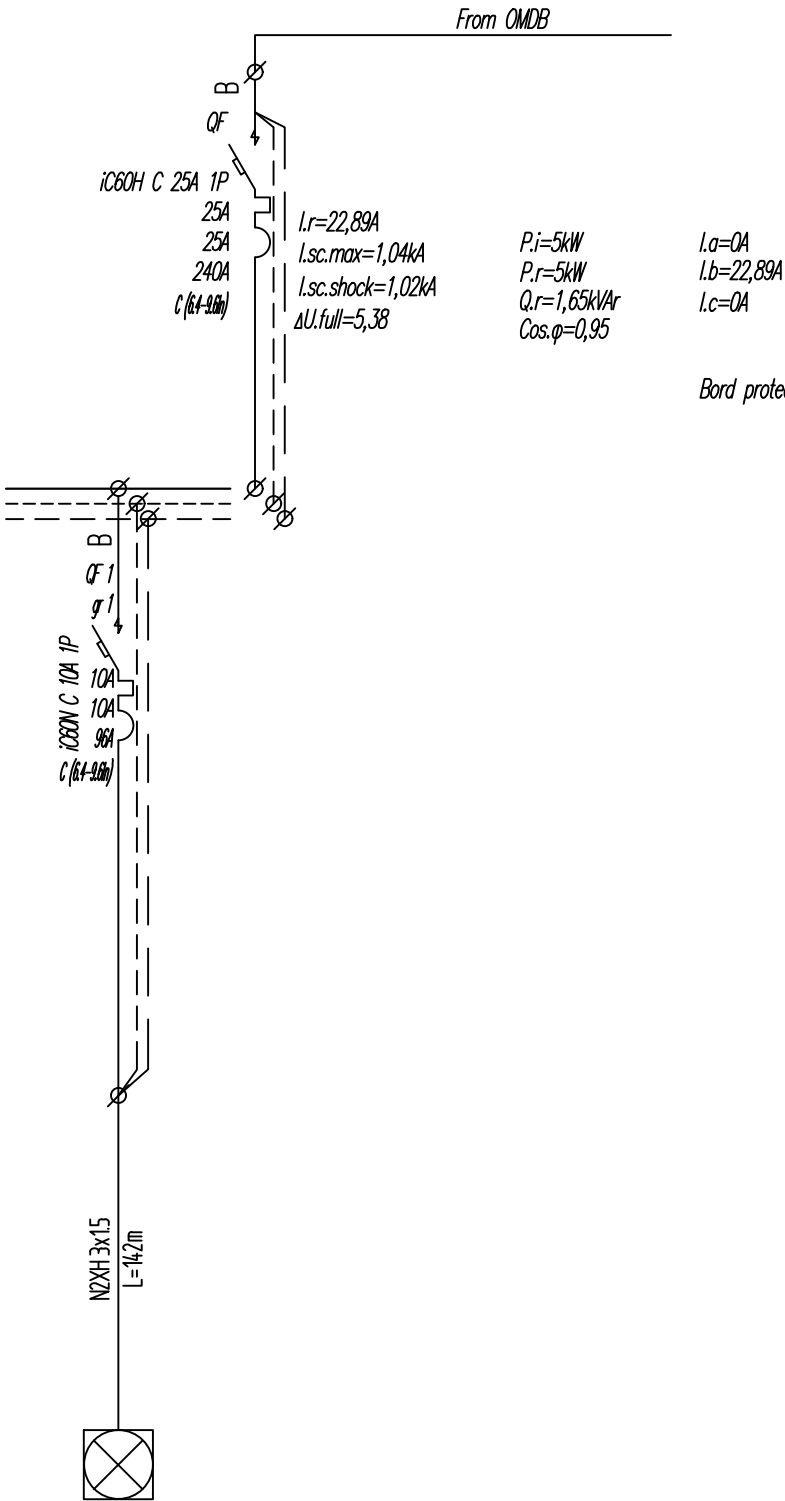
PRKDB1		L N PE	
Outgoing lines protection devices. Type		Nominal current = A Set point of thermal t/u = A Set point of electromagnetic t/u = A Set point of dif. protection = mA	
Network sector. Cable		Cable marking and section	
		Cable length	
Symbol			
Type		Lightings	
Quantity		4	
Rated Power Pr, kW		0,11	
Rated current Ir, A		0,49	
Voltage drop ΔU, %		0,29	
One phase minimal Isc, kA		0,16	
Leakage current, mA		1,04	
Name		0-floor Room	



LEGENDS	
Code	Description
QF	Circuit Breaker
QFD	Residual current circuit breaker with overcurrent protection
QD	Residual current circuit breaker
QS	Contact breaker
KM	Contactar
FV	Surge Arrester
K	Relay
FU	Fuse
UZ	Frequency converter
PA	Ampermeter
PV	Voltmeter
MX	Shunt Release
TA	Current transformer
PN	Active energy meter
PI	Complex energy meter

0	10.02.2020	Initial release	N.L.	D.M.	B.D.
Rev.	Date	Description	Dev.	Check	Confirm
Project: Lisi School. Master Plan					
Client: Artsudio Project LLC					
Contractor: Baltic Business Development LLC					
Drawing name: PRKDB1 Single Line Diagram					
Code	BBD22-026.PWR.SLD	List:	9 / 11	Format:	A3 Scale -

PRKDB2		L	N	PE
Outgoing lines protection devices: Type		Nominal current = A Set point of thermal t/u = A Set point of electromagnetic t/u = A Set point of dif. protection = mA		
Network sector: Cable		Cable marking and section		
		Cable length		
		Symbol		
		Type	Lightings	
		Quantity	7	
		Rated Power Pr, kW	5	0,2
		Rated current Ir, A	22,89	0,85
		Voltage drop ΔU, %	0,88	0,88
		One phase minimal Isc, kA	0,7	0,1
		Leakage current, mA	1,76	1,76
		Name	0-floor Room	



LEGENDS	
Code	Description
QF	Circuit Breaker
QFD	Residual current circuit breaker with overcurrent protection
QD	Residual current circuit breaker
QS	Contact breaker
KM	Contactor
FV	Surge Arrester
K	Relay
FU	Fuse
UZ	Frequency converter
PA	Ampermeter
PV	Voltmeter
MX	Shunt Release
TA	Current transformer
PN	Active energy meter
PI	Complex energy meter

0	10.02.2020	Initial release	N.L.	D.M.	B.D.
Rev.	Date	Description	Dev.	Check	Confirm
Project: Lisi School. Master Plan					
Client: Artsudio Project LLC					
Contractor: Baltic Business Development LLC					
Drawing name: PRKDB2 Single Line Diagram					
Code	BB022-026.PWR.SLD	List:	10 / 11	Format:	A3 Scale -

