



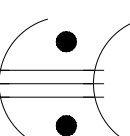
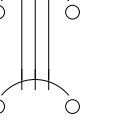
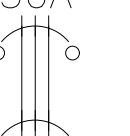
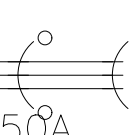
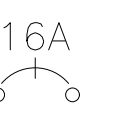
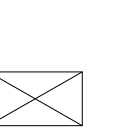


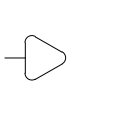
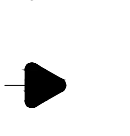
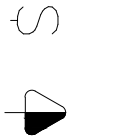
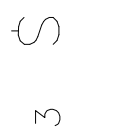
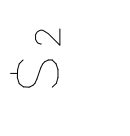
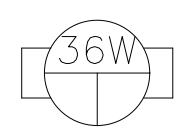
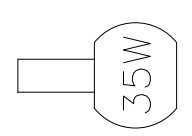


LEGENDA:



— Arandela

— Fluorescente 36W

— Interrupor duplo

— Interrupor simples

— Interrupor triplo

— Tomada 130cm

— Tomada 200cm

— Tomada baixa 30cm

— QD_BL 02_NOVOS

— QD_BL01_NOVO

— QGBT- SE 225 kVA

— Caixa de Passagem

— Disjuntor a seco – DIN Curva B 16A 1P

— Disjuntor a seco – DIN Curva B 20A 3P

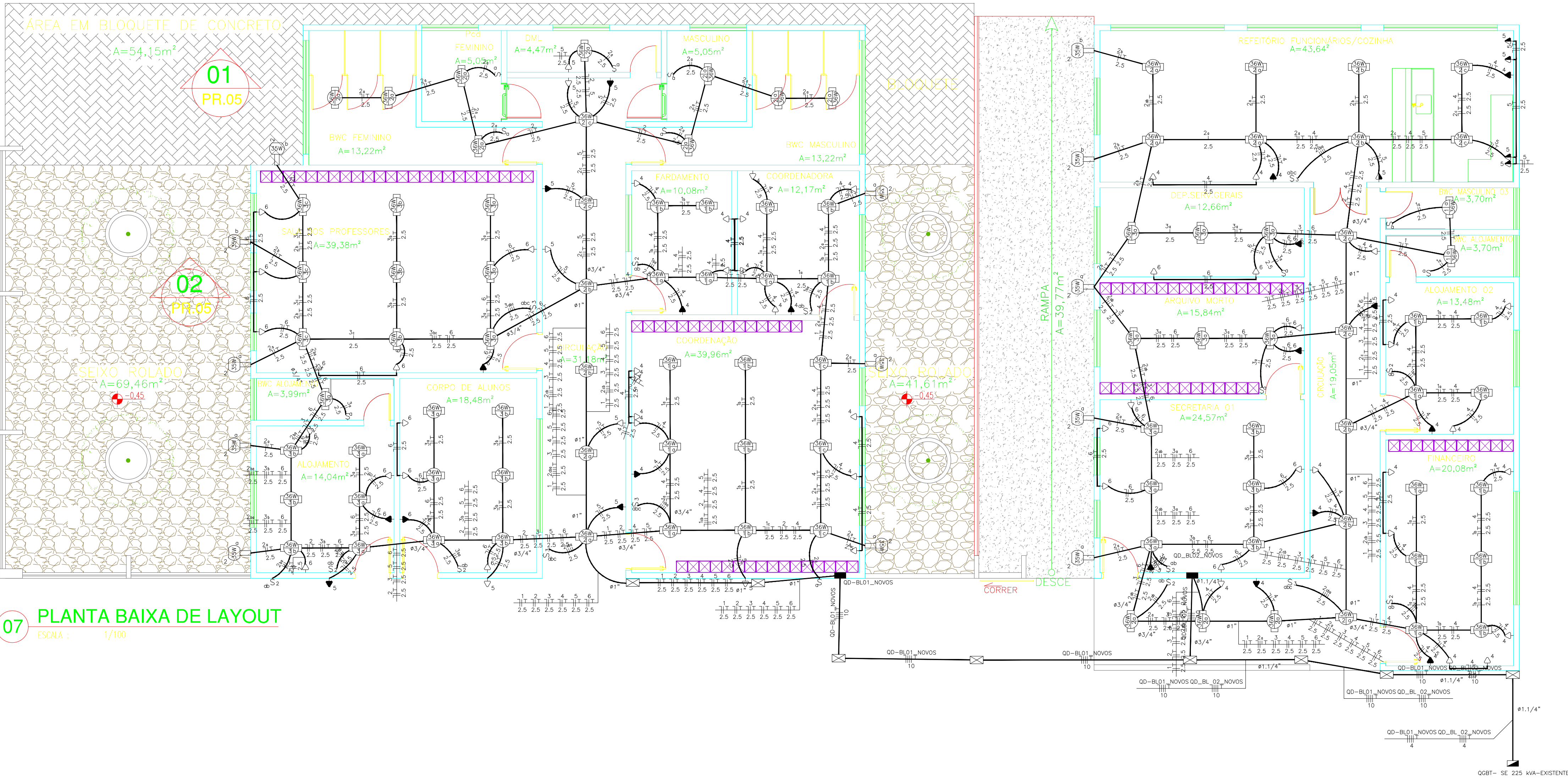
— Disjuntor a seco – DIN Curva B 50A 3P

— Disjuntor a seco novo 70A 3P

— DPS Classe II 20kA 1P

— Eletruduto no Teto

— Neutro, Fase, Retorno, Terra

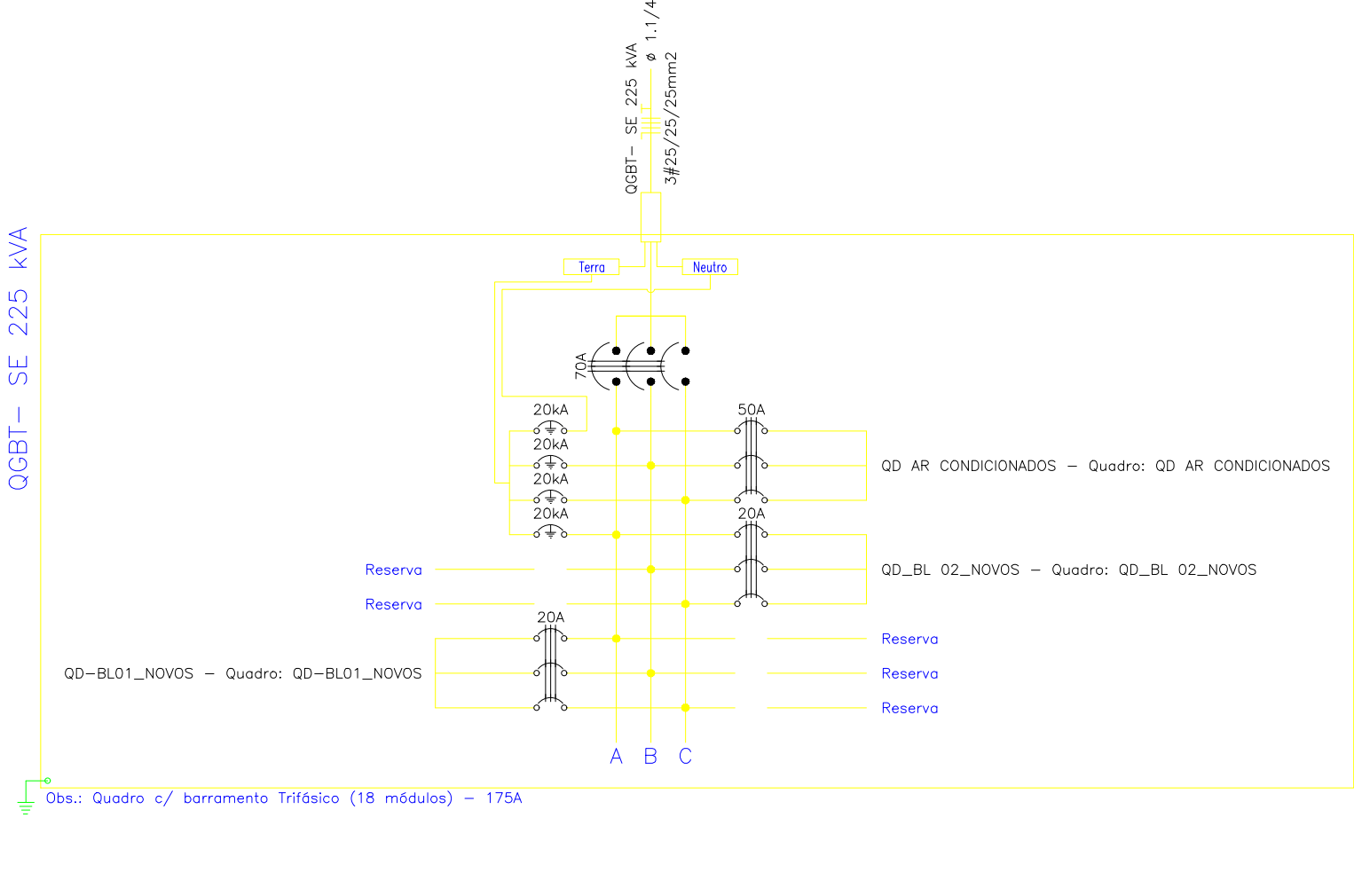
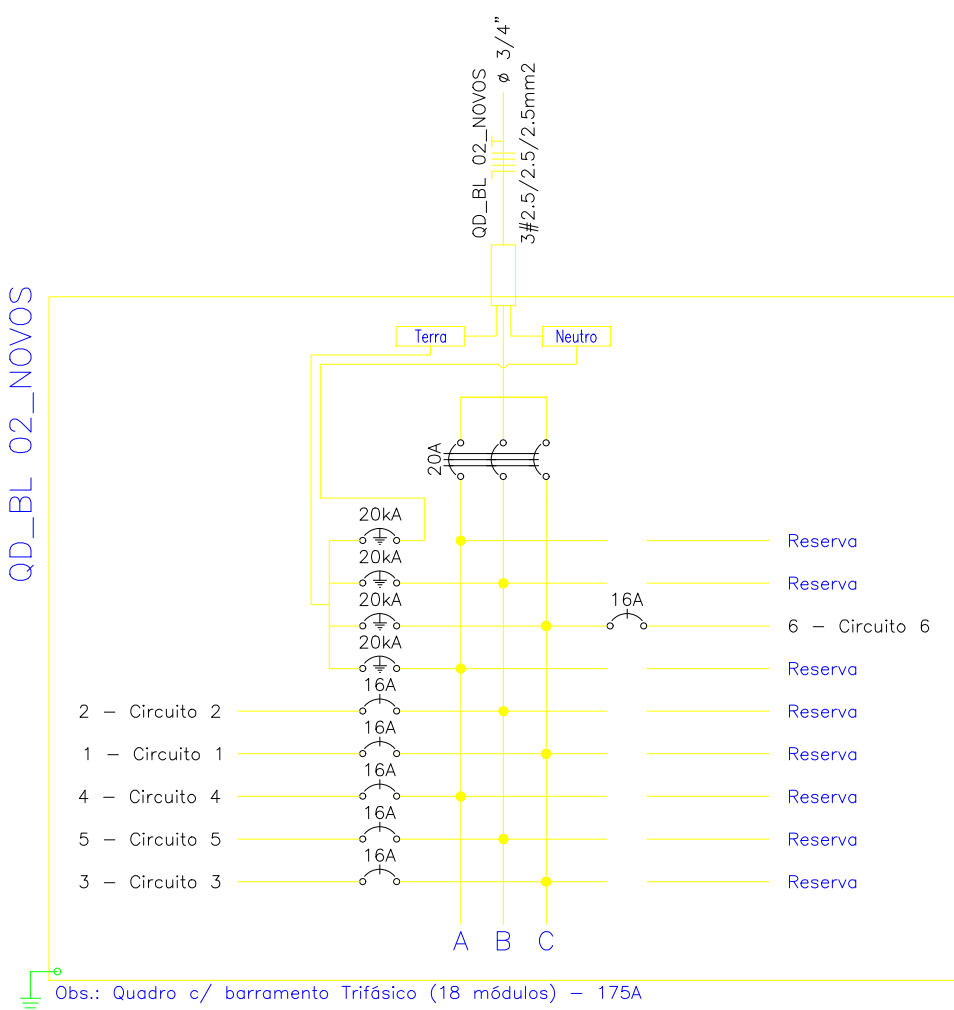
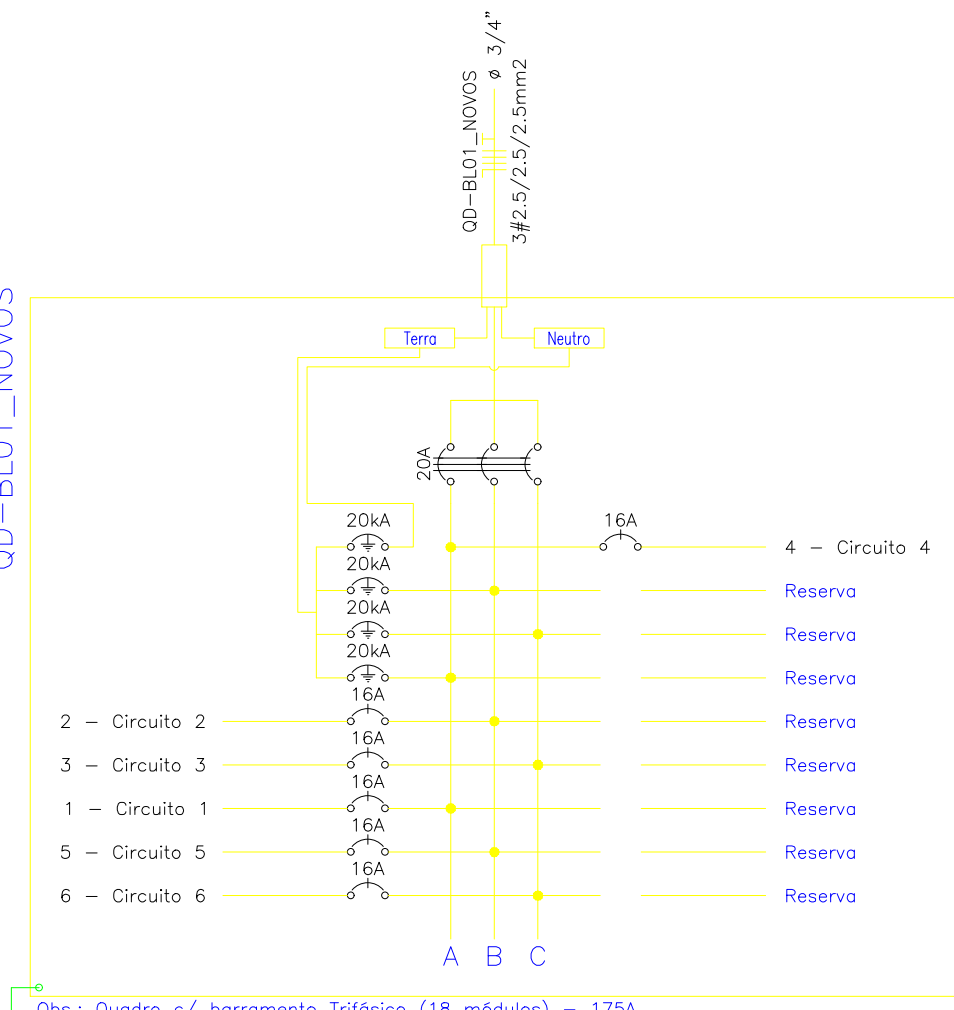


07 PLANTA BAIXA DE LAYOUT

Quadro de Cargas														
QD-BL01_NOVOS														
Circ.	Descrição	35W	36W	100VA	W	V.A	Demanda	Fat.	Corr.	Fases	Prot.	Cond.	Fases	Obs.
1	Circuito 1	17			612,0	665,2	100%	0,92	3,02	1	16A	2,5	A	Obs.
2	Circuito 2	8	15		820,0	881,7	100%	0,92	4,01	1	16A	2,5	B	Obs.
3	Circuito 3	22			792,0	860,9	100%	0,92	3,91	1	16A	2,5	C	Obs.
4	Circuito 4		18		1656,0	1800,0	100%	0,92	8,16	1	16A	2,5	A	Obs.
5	Circuito 5		10		900,0	1000,0	100%	0,92	4,55	1	16A	2,5	B	Obs.
6	Circuito 6		15		1380,0	1500,0	100%	0,92	6,82	1	16A	2,5	C	Obs.
RES.	Circuito Reserva													-
RES.	Circuito Reserva													-
Total		8	54	43	6180,0	6707,8	80%	0,92	9,00	3	20A	4	ABC	-
Atent.: C=40,6m OT=4%					6813,7	7398,7	80%	0,92	9,00	3	20A	4	ABC	-
Potência Demandada: 80% (5451,0 W) (5916,5 V.A)					Corrente nas Fases: A=11,2A B=8,6A C=10,7A									

Quadro de Cargas														
QD-BL 02_NOVOS														
Circ.	Descrição	35W	36W	100VA	W	V.A	Demanda	Fat.	Corr.	Fases	Prot.	Cond.	Fases	Obs.
1	Circuito 1	12			432,0	469,6	100%	0,92	2,13	1	16A	2,5	C	Obs.
2	Circuito 2	5	16		751,0	810,3	100%	0,92	3,68	1	16A	2,5	B	Obs.
3	Circuito 3		12		432,0	469,6	100%	0,92	2,13	1	16A	2,5	C	Obs.
4	Circuito 4			22	2024,0	2200,0	100%	0,92	10,00	1	16A	2,5	A	Obs.
5	Circuito 5				1380,0	1500,0	100%	0,92	6,82	1	16A	2,5	B	Obs.
6	Circuito 6			9	1028,0	1117,4	100%	0,92	5,08	1	16A	2,5	C	Obs.
RES.	Circuito Reserva													-
RES.	Circuito Reserva													-
Total		5	40	31	6047,0	6566,8	80%	0,92	8,40	3	20A	4	ABC	-
Atent.: C=26,15m OT=4%					6382,3	6930,9	80%	0,92	8,40	3	20A	4	ABC	-
Potência Demandada: 80% (5105,6 W) (5544,7 V.A)					Corrente nas Fases: A=10,0A B=10,5A C=9,3A									

Quadro de Cargas														
QGBT- SE 225 kVA														
Circ.	Descrição	Qt.Distr.	Qt.Distr.	W	V.A	Demanda	Fat.	Corr.	Fases	Prot.	Cond.	Fases	Obs.	
				432,24	469,59	100,00	0,92	2,13	1	16A	2,5	C	Obs.	
01	Quadro: QD-BL01_NOVOS	1	1	751,00	799,57	100,00	0,92	3,68	1	16A	2,5	B	Obs.	
02	Quadro: QD-AR_CONDICIONADOS	1	1	2700,00	2907,00	100,00	0,92	10,90	1	16A	2,5	A	Obs.	
03	Quadro: QD-BL02_NOVOS	1	1	432,24	469,59	100,00	0,92	2,13	1	16A	2,5	C	Obs.	
04	Quadro: QD-BL03_NOVOS	1	1	432,24	469,59	100,00	0,92	2,13	1	16A	2,5	C	Obs.	
05	Quadro: QD-BL04_NOVOS	1	1	2024,00	2200,00	100,00	0,92	10,90	1	16A	2,5	A	Obs.	
06	Quadro: QD-BL05_NOVOS	1	1	1380,00	1500,00	100,00	0,92	6,82	1	16A	2,5	B	Obs.	
07	Quadro: QD-BL06_NOVOS	1	1	1028,00	1117,40	100,00	0,92	5,08	1	16A	2,5	C	Obs.	
Total		1	1	40496,00	44000,00	100,00	0,92	62,30	3	70A	25	ABC	-	
Atent.	C=10m OT=2%			37856,8	41335,1	100,00	0,92	62,30	3	70A	25	ABC	-	
Potência Total (40496,0 W) (44000,5 V.A) Potência Demandada: 93,49% (37856,8 W) (41335,1 V.A)														
Corrente nas Fases: A=62,3A B=62,3A C=62,3A														





GOVERNO DO ESTADO DO PIAUÍ

SEDUC - SECRETARIA DE ESTADO DA EDUCAÇÃO

REGIONAL TERESINA- CETI DIRCEU MENDES ARCOVERDE

DEPARTAMENTO:
UNIDADE DE GESTÃO DA REDE FÍSICA- UGERF

TÍTULO DO PROJETO:
PROJETO ELETRICO

ENDEREÇO DO SERVIÇO:
R. Valdemar Martins, 3360 - Morada do Sol, 64018-300

TÍTULO DO DESENHO:
PLANTA BAIXA DE LAYOUT

MUNICÍPIO:
TERESINA - PI

DESENHO:
SEGISNANDO SENA

ZONA:
URBANA

FASE:
EXECUTIVO

DATA:
AGOSTO/ 2021

REVISÃO:
REVISÃO 01

DESIGNO:
ELET

PRANCHA:
01/03

ESCALA:
1/100

COR	PENA
red	07 0,1
yellow	07 0,2
green	07 0,3
cyan	07 0,4
blue	07 0,5
magenta	07 0,6
white	07 0,7
08	07 0,1
40	07 0,1
94	07 0,1
240	07 0,1
253	07 0,1