

# SCHEMA UNIFILAIRE

PROJET: CONSTRUCTION DE L'INSTITUT DE  
FORMATION OULED SALEH A BOUSKOURA

| Indice | Date       | Objet | Dessiné | Vérifié | Approuvé |
|--------|------------|-------|---------|---------|----------|
|        |            |       |         |         |          |
|        |            |       |         |         |          |
|        |            |       |         |         |          |
|        |            |       |         |         |          |
|        |            |       |         |         |          |
|        |            |       |         |         |          |
|        |            |       |         |         |          |
|        |            |       |         |         |          |
|        |            |       |         |         |          |
| A      | 28/05/2024 |       |         |         |          |



**GénieStructure**  
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|  |                |
|--|----------------|
|  | <b>Poste :</b> |
|--|----------------|

**AFFAIRE:**

Folio

**PLAN:**

$$\frac{1}{1}$$

| Folio | Libellé                                  | Indice | Date       | Folio | Libellé                                | Indice | Date       |
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| 1     | Page de garde                            | A      | 28/05/2024 | 26    | Unif.Chantier 8 circuits TPE CAR       | A      | 28/05/2024 |
| 2     | Liste de folios                          | A      | 28/05/2024 | 27    | Unif.Chantier 8 circuits TPE CAR       | A      | 28/05/2024 |
| 3     | Liste de folios                          | A      | 28/05/2024 | 28    | Unif.Chantier 8 circuits TPE CAR       | A      | 28/05/2024 |
| 4     | Liste de folios                          | A      | 28/05/2024 | 29    | Unif.Chantier 8 circuits TPE CAR       | A      | 28/05/2024 |
| 5     | Unif.Chantier 8 circuits TGBT            | A      | 28/05/2024 | 30    | Unif.Chantier 8 circuits TPE CAR       | A      | 28/05/2024 |
| 6     | Unif.Chantier 8 circuits TABLEAU GENERAL | A      | 28/05/2024 | 31    | Unif.Chantier 8 circuits TPEO- CAR     | A      | 28/05/2024 |
| 7     | Unif.Chantier 8 circuits TABLEAU GENERAL | A      | 28/05/2024 | 32    | Unif.Chantier 8 circuits TPEO- CAR     | A      | 28/05/2024 |
| 8     | Unif.Chantier 8 circuits TABLEAU GENERAL | A      | 28/05/2024 | 33    | Unif.Chantier 8 circuits PED2 RDC      | A      | 28/05/2024 |
| 9     | Unif.Chantier 8 circuits TPE PED1 RDC    | A      | 28/05/2024 | 34    | Unif.Chantier 8 circuits PED2 RDC      | A      | 28/05/2024 |
| 10    | Unif.Chantier 8 circuits TPE PED1 RDC    | A      | 28/05/2024 | 35    | Unif.Chantier 8 circuits PED2 RDC      | A      | 28/05/2024 |
| 11    | Unif.Chantier 8 circuits TPE PED1 RDC    | A      | 28/05/2024 | 36    | Unif.Chantier 8 circuits PED2 RDC      | A      | 28/05/2024 |
| 12    | Unif.Chantier 8 circuits TPE PED1 RDC    | A      | 28/05/2024 | 37    | Unif.Chantier 8 circuits PED2 RDC      | A      | 28/05/2024 |
| 13    | Unif.Chantier 8 circuits TPE PED1 RDC    | A      | 28/05/2024 | 38    | Unif.Chantier 8 circuits PED2 RDC      | A      | 28/05/2024 |
| 14    | Unif.Chantier 8 circuits TPE PED1 RDC    | A      | 28/05/2024 | 39    | Unif.Chantier 8 circuits PED2 RDC      | A      | 28/05/2024 |
| 15    | Unif.Chantier 8 circuits TPE PED1 RDC    | A      | 28/05/2024 | 40    | Unif.Chantier 8 circuits PED2 RDC      | A      | 28/05/2024 |
| 16    | Unif.Chantier 8 circuits TPE PED1 RDC    | A      | 28/05/2024 | 41    | Unif.Chantier 8 circuits TPEO PED2 RDC | A      | 28/05/2024 |
| 17    | Unif.Chantier 8 circuits TPEO PED1 RDC   | A      | 28/05/2024 | 42    | Unif.Chantier 8 circuits TPEO PED2 RDC | A      | 28/05/2024 |
| 18    | Unif.Chantier 8 circuits TPEO PED1 RDC   | A      | 28/05/2024 | 43    | Unif.Chantier 8 circuits TPEO PED2 RDC | A      | 28/05/2024 |
| 19    | Unif.Chantier 8 circuits TPEO PED1 RDC   | A      | 28/05/2024 | 44    | Unif.Chantier 8 circuits TPE AT. MTA   | A      | 28/05/2024 |
| 20    | Unif.Chantier 8 circuits TPEO PED1 RDC   | A      | 28/05/2024 | 45    | Unif.Chantier 8 circuits TPE AT. MTA   | A      | 28/05/2024 |
| 21    | Unif.Chantier 8 circuits TPE ADM         | A      | 28/05/2024 | 46    | Unif.Chantier 8 circuits TPE AT. MTA   | A      | 28/05/2024 |
| 22    | Unif.Chantier 8 circuits TPE ADM         | A      | 28/05/2024 | 47    | Unif.Chantier 8 circuits TPE AT. MTA   | A      | 28/05/2024 |
| 23    | Unif.Chantier 8 circuits TPE ADM         | A      | 28/05/2024 | 48    | Unif.Chantier 8 circuits TPE AT DIA    | A      | 28/05/2024 |
| 24    | Unif.Chantier 8 circuits TPE ADM         | A      | 28/05/2024 | 49    | Unif.Chantier 8 circuits TPE AT DIA    | A      | 28/05/2024 |
| 25    | Unif.Chantier 8 circuits TPE ADM         | A      | 28/05/2024 | 50    | Unif.Chantier 8 circuits TPE AT DIA    | A      | 28/05/2024 |



SCHEMA UNIFILAIRE

Liste de folios

A

Ind.

Date : 28/05/2024

MODIFICATIONS

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

LI BT

Folio 2 / 115

| Folio | Libellé                             | Indice | Date       | Folio | Libellé                                  | Indice | Date       |
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| 51    | Unif.Chantier 8 circuits TPE AT DIA | A      | 28/05/2024 | 76    | Unif.Chantier 8 circuits TPE AT MA       | A      | 28/05/2024 |
| 52    | Unif.Chantier 8 circuits TPE AT.FM2 | A      | 28/05/2024 | 77    | Unif.Chantier 8 circuits TPE AT MA       | A      | 28/05/2024 |
| 53    | Unif.Chantier 8 circuits TPE AT.FM2 | A      | 28/05/2024 | 78    | Unif.Chantier 8 circuits TPE AT MA       | A      | 28/05/2024 |
| 54    | Unif.Chantier 8 circuits TPE AT.FM2 | A      | 28/05/2024 | 79    | Unif.Chantier 8 circuits TPE AT MA       | A      | 28/05/2024 |
| 55    | Unif.Chantier 8 circuits TPE AT.FM2 | A      | 28/05/2024 | 80    | Unif.Chantier 8 circuits TPE LABO MET    | A      | 28/05/2024 |
| 56    | Unif.Chantier 8 circuits TPE AT.FM2 | A      | 28/05/2024 | 81    | Unif.Chantier 8 circuits TPE LABO MET    | A      | 28/05/2024 |
| 57    | Unif.Chantier 8 circuits TPE AT.FM1 | A      | 28/05/2024 | 82    | Unif.Chantier 8 circuits TPE ELEC IND    | A      | 28/05/2024 |
| 58    | Unif.Chantier 8 circuits TPE AT.FM1 | A      | 28/05/2024 | 83    | Unif.Chantier 8 circuits TPE ELEC IND    | A      | 28/05/2024 |
| 59    | Unif.Chantier 8 circuits TPE AT.FM1 | A      | 28/05/2024 | 84    | Unif.Chantier 8 circuits TPE ELEC IND    | A      | 28/05/2024 |
| 60    | Unif.Chantier 8 circuits TPE AT.FM1 | A      | 28/05/2024 | 85    | Unif.Chantier 8 circuits TPE ELEC IND    | A      | 28/05/2024 |
| 61    | Unif.Chantier 8 circuits TPE AT.FM1 | A      | 28/05/2024 | 86    | Unif.Chantier 8 circuits TPE ELEC IND    | A      | 28/05/2024 |
| 62    | Unif.Chantier 8 circuits TPE.AT CM  | A      | 28/05/2024 | 87    | Unif.Chantier 8 circuits TPE ELEC IND    | A      | 28/05/2024 |
| 63    | Unif.Chantier 8 circuits TPE.AT CM  | A      | 28/05/2024 | 88    | Unif.Chantier 8 circuits TPE ELEC IND    | A      | 28/05/2024 |
| 64    | Unif.Chantier 8 circuits TPE.AT CM  | A      | 28/05/2024 | 89    | Unif.Chantier 8 circuits TPE ELEC IND    | A      | 28/05/2024 |
| 65    | Unif.Chantier 8 circuits TPE.AT CM  | A      | 28/05/2024 | 90    | Unif.Chantier 8 circuits TPE ELEC IND    | A      | 28/05/2024 |
| 66    | Unif.Chantier 8 circuits TPE.AT CM  | A      | 28/05/2024 | 91    | Unif.Chantier 8 circuits TPE ELEC IND    | A      | 28/05/2024 |
| 67    | Unif.Chantier 8 circuits TPE.AT CM  | A      | 28/05/2024 | 92    | Unif.Chantier 8 circuits TPE AT AUTOMATI | A      | 28/05/2024 |
| 68    | Unif.Chantier 8 circuits TPE.AT CM  | A      | 28/05/2024 | 93    | Unif.Chantier 8 circuits TPE AT AUTOMATI | A      | 28/05/2024 |
| 69    | Unif.Chantier 8 circuits TPE.AT CM  | A      | 28/05/2024 | 94    | Unif.Chantier 8 circuits TPE AT AUTOMATI | A      | 28/05/2024 |
| 70    | Unif.Chantier 8 circuits TPE S SIMS | A      | 28/05/2024 | 95    | Unif.Chantier 8 circuits TPE AT AUTOMATI | A      | 28/05/2024 |
| 71    | Unif.Chantier 8 circuits TPE S SIMS | A      | 28/05/2024 | 96    | Unif.Chantier 8 circuits TPE AT AUTOMATI | A      | 28/05/2024 |
| 72    | Unif.Chantier 8 circuits TPEO SIMS  | A      | 28/05/2024 | 97    | Unif.Chantier 8 circuits TPE PED2 ETG    | A      | 28/05/2024 |
| 73    | Unif.Chantier 8 circuits TPE AT NTA | A      | 28/05/2024 | 98    | Unif.Chantier 8 circuits TPE PED2 ETG    | A      | 28/05/2024 |
| 74    | Unif.Chantier 8 circuits TPE AT NTA | A      | 28/05/2024 | 99    | Unif.Chantier 8 circuits TPE PED2 ETG    | A      | 28/05/2024 |
| 75    | Unif.Chantier 8 circuits TPE AT NTA | A      | 28/05/2024 | 100   | Unif.Chantier 8 circuits TPE PED2 ETG    | A      | 28/05/2024 |



SCHEMA UNIFILAIRE

Liste de folios

A

Ind.

Date : 28/05/2024

MODIFICATIONS

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

LI BT

Folio 3 / 115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

©ALPI Caneco BT 5.80 Cracked by gta126

[illegible]

|                                                                                                                                                                                                                                          |                   |                   |                  |                        |  |                                                                                       |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|------------------|------------------------|--|---------------------------------------------------------------------------------------|-------|
|  <p><b>GénieStructure</b></p> <p>BUREAU D'ETUDES TECHNIQUES<br/>DE LA HAUTE MARSEILLE<br/>MARSEILLE - CASABLANCA<br/>Tél : 04 91 02 00 00 - 31 42</p> | SCHEMA UNIFILAIRE |                   |                  | Avis Technique 15L-601 |  |  |       |
|                                                                                                                                                                                                                                          |                   |                   |                  | AFFAIRE:               |  |                                                                                       | Folio |
|                                                                                                                                                                                                                                          | A                 |                   |                  | PLAN:                  |  |                                                                                       | 4/    |
|                                                                                                                                                                                                                                          | Ind.              | MODIFICATIONS     |                  |                        |  |                                                                                       | 115   |
|                                                                                                                                                                                                                                          |                   | Date : 28/05/2024 | Norme : C1510015 |                        |  |                                                                                       |       |

REVISION

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

SOURCE

Amont

Secours

Repère

TGBT

Désignation

I installée

Normal

577,37 A

Secours

I Totale

577,84 A

Ik3 max

13675 A

Ik1 max

13419 A

I max

0,16 %

TGBT

TGBT

4P4D  
630 A

4P3D  
630 A

C  
2P2D  
10 A

C  
2P2D  
10 A

C  
2P2D  
10 A

TT  
400 V

TTAB

L 1

L 2

L 3

Dyn

CIRCUIT

Repère

SOURCE

TGBTTD015

TGBTECL001

TGBTECL002

TGBTECL003

Désignation

L.T

L.T

L.T

Nb

Consommation

1

400KVA

1

400kVA

2

40W

2

40W

4

40W

Alimentation

Normal

Normal

Normal

Normal

Normal

LIAISON

JdB Amont

Type

Longueur

Ame

L.Max prot.

ΔU Circuit

ΔU Totale

Câble

Neutre

PE/PEN

Séparé

Taux d'Harmonique

U1000R2V (90°C)

10 m

Cu

197 m (CC)

0 %

0,16 %

2X3X(1x240)

2X(1x240)

1x95

15% < TH <= 33%

U1000R2V (90°C)

20 m

Cu

72 m (CC)

0,32 %

0,48 %

2X3X(1x240)

2X(1x240)

TH <= 15%

U1000R2V (90°C)

12 m

Cu

72 m (CC)

0,06 %

0,22 %

3G1,5

U1000R2V (90°C)

12 m

Cu

72 m (CC)

0,06 %

0,22 %

3G1,5

U1000R2V (90°C)

12 m

Cu

72 m (CC)

0,11 %

0,27 %

3G1,5

PROT.

Protection

Calibre

IΔn

Ir

Im / Isd

MTZ1 06 H1

630 A

577,5 A

5775 A

NSX630F

630 A

579,6 A

4636,8 A

iC60N

10 A

96 A

iC60N

10 A

96 A

iC60N

10 A

96 A

Affectation des phases

123

123

1

2

3

Logo

GENIESTRUCTURE

BUREAU ETUDES TECHNIQUES

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Tel / Fax 022 55 91 69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TGBT

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

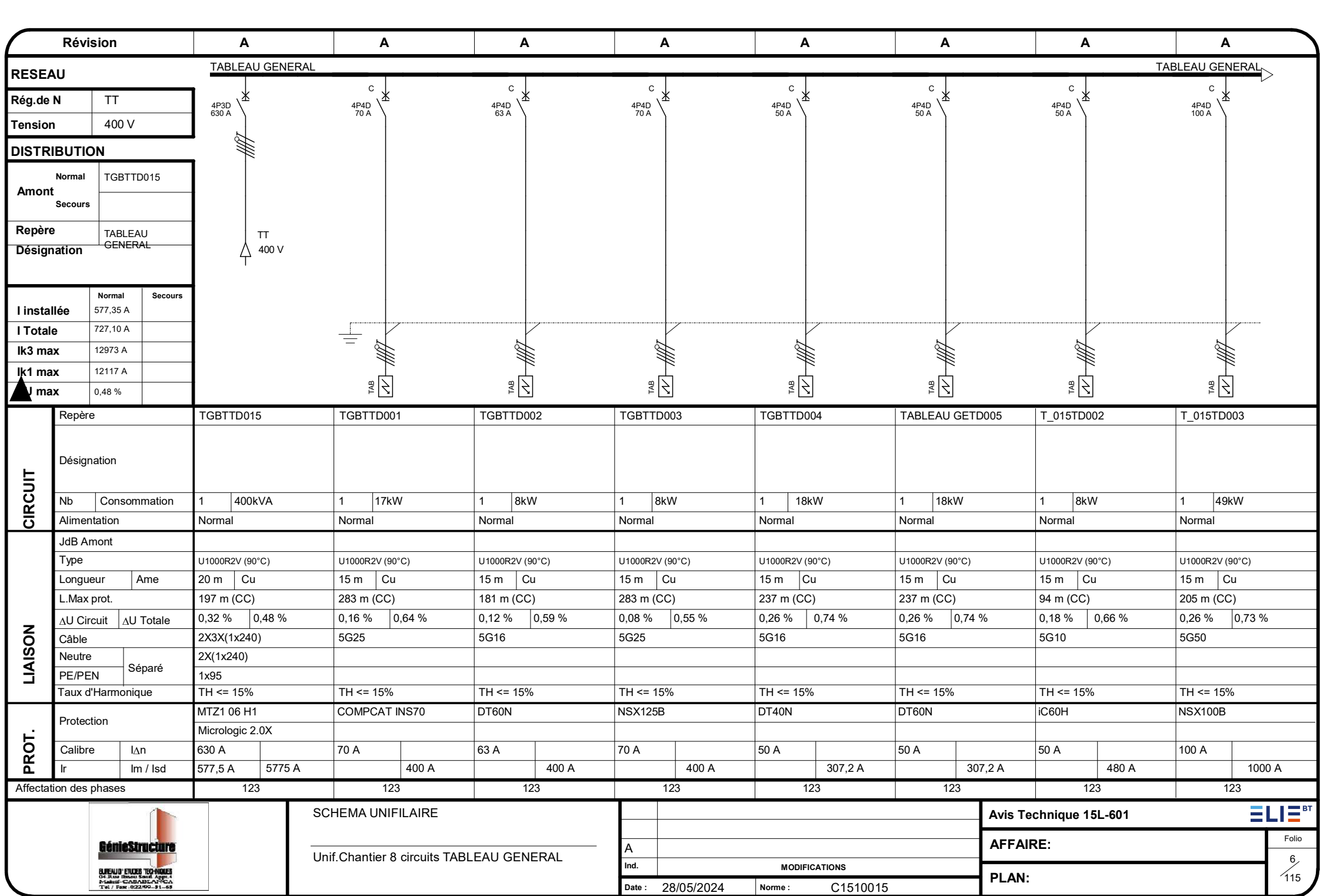
Folio

5

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

©ALPI Caneco BT 5.80 Cracked by gta126



REVISION

RESEAU

REG. DE N

TT

TENSION

400 V

DISTRIBUTION

Normal

TGBTTD015

Amont

Secours

Repere

TABLEAU GENERAL

Designation

I installée

Normal

577,35 A

Secours

I Totale

727,10 A

Ik3 max

12973 A

Ik1 max

12117 A

I max

0,48 %

TABLEAU GENERAL

TABLEAU GENERAL

C

4P4D

125 A

C

4P3D

250 A

C

4P4D

40 A

C

4P4D

50 A

C

4P4D

63 A

C

4P4D

40 A

C

4P4D

70 A

C

4P4D

70 A

TAB

TAB

TAB

TAB

TAB

TAB

TAB

TAB

CIRCUIT

Repere

T\_015TD004

TABLEAU GETD004

T\_015TD006

T\_015TD007

T\_015TD008

T\_015TD009

T\_015TD010

TABLEAU GETD001

Designation

ATELIER MENUISERIE ALUMENINIUM BOIS

ATELIER MENUISERIE ALUMENINIUM BOIS

Nb

Consommation

1

68kW

1

135kW

1

4kW

1

5kW

1

5kW

1

7kW

1

8kW

1

9kW

Alimentation

Normal

Normal

Normal

Normal

Normal

Normal

Normal

Normal

LIAISON

JdB Amont

Type

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

Longueur

Ame

15 m

Cu

12 m

Cu

15 m

Cu

15 m

Cu

15 m

Cu

15 m

Cu

15 m

Cu

L.Max prot.

161 m (CC)

131 m (CC)

113 m (CC)

94 m (CC)

478 m (CC)

113 m (CC)

295 m (CC)

283 m (CC)

ΔU Circuit

ΔU Totale

0,36 %

0,83 %

0,26 %

0,74 %

0,09 %

0,57 %

0,11 %

0,59 %

0,07 %

0,55 %

0,16 %

0,64 %

0,08 %

0,55 %

0,09 %

0,56 %

Cable

5G50

3X(1x120)

5G10

5G10

5G16

5G10

5G25

5G25

Neutre

PE/PEN

Separe

1x120

Taux d'Harmonique

TH <= 15%

TH <= 15%

TH <= 15%

TH <= 15%

TH <= 15%

TH <= 15%

TH <= 15%

TH <= 15%

PROT.

Protection

NSX125B

NSX250B

DT60H

iC60H

Compact NSX

DT60H

Compact NSX

Compact NSX

Calibre

IΔn

125 A

250 A

40 A

50 A

63 A

40 A

70 A

70 A

Ir

Im / Isd

1250 A

250 A

2500 A

400 A

480 A

153,6 A

400 A

384 A

400 A

Affectation des phases

123

123

123

123

123

123

123

123

GENIESTRUCTURE

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MARJANE-CASABLANCA

Tel / Fax : 022455-31-69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TABLEAU GENERAL

A

Ind.

MODIFICATIONS

Date :

28/05/2024

Norme :

C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

7

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

©ALPI Caneco BT 5.80 Cracked by gta126

|                                                                                     |              |                                          |                     |            |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
|-------------------------------------------------------------------------------------|--------------|------------------------------------------|---------------------|------------|--------|---------|---------------------|----------|--------|--|--------|--|--|------------------------|--|---------|--|--|--|
| Révision                                                                            |              | A                                        |                     | A          |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| RESEAU                                                                              |              | TABLEAU GENERAL                          |                     |            |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| Rég.de N                                                                            |              | TT                                       |                     |            |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| Tension                                                                             |              | 400 V                                    |                     |            |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| DISTRIBUTION                                                                        |              |                                          |                     |            |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| Normal                                                                              |              | TGBTTD015                                |                     |            |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| Amont                                                                               |              |                                          |                     |            |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| Secours                                                                             |              |                                          |                     |            |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| Repère                                                                              |              | TABLEAU GENERAL                          |                     |            |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| Désignation                                                                         |              |                                          |                     |            |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| I installée                                                                         |              | Normal                                   |                     | 577,35 A   |        |         |                     |          |        |  |        |  |  |                        |  | Secours |  |  |  |
| I Totale                                                                            |              |                                          |                     | 727,10 A   |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| Ik3 max                                                                             |              |                                          |                     | 12973 A    |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| Ik1 max                                                                             |              |                                          |                     | 12117 A    |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| J max                                                                               |              |                                          |                     | 0,48 %     |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| CIRCUIT                                                                             | Repère       |                                          | TABLEAU GETD002     |            |        |         | TABLEAU GETD003     |          |        |  |        |  |  |                        |  |         |  |  |  |
|                                                                                     | Désignation  |                                          | UNITE DE RESSOURCES |            |        |         | UNITE DE RESSOURCES |          |        |  |        |  |  |                        |  |         |  |  |  |
|                                                                                     | Nb           |                                          | Consommation        |            | 1      |         | 14kW                |          | 1      |  | 22kW   |  |  |                        |  |         |  |  |  |
|                                                                                     | Alimentation |                                          | Normal              |            |        |         | Normal              |          |        |  |        |  |  |                        |  |         |  |  |  |
| LIAISON                                                                             | JdB Amont    |                                          |                     |            |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
|                                                                                     | Type         |                                          | U1000R2V (90°C)     |            |        |         | U1000R2V (90°C)     |          |        |  |        |  |  |                        |  |         |  |  |  |
|                                                                                     | Longueur     |                                          | Ame                 |            | 15 m   |         | Cu                  |          | 15 m   |  | Cu     |  |  |                        |  |         |  |  |  |
|                                                                                     | L.Max prot.  |                                          | 185 m (CC)          |            |        |         | 154 m (CC)          |          |        |  |        |  |  |                        |  |         |  |  |  |
|                                                                                     | ΔU Circuit   |                                          | ΔU Totale           |            | 0,13 % |         | 0,61 %              |          | 0,21 % |  | 0,68 % |  |  |                        |  |         |  |  |  |
|                                                                                     | Câble        |                                          | 5G25                |            |        |         | 5G25                |          |        |  |        |  |  |                        |  |         |  |  |  |
|                                                                                     | Neutre       |                                          | Séparé              |            |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
|                                                                                     | PE/PEN       |                                          |                     |            |        |         |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
| PROT.                                                                               | Protection   |                                          | Compact NSX100N     |            |        |         | NSXmE               |          |        |  |        |  |  |                        |  |         |  |  |  |
|                                                                                     | Calibre      |                                          | IΔn                 |            | 70 A   |         |                     |          | 40 A   |  |        |  |  |                        |  |         |  |  |  |
|                                                                                     | Ir           |                                          | Im / Isd            |            |        |         | 604,8 A             |          | 40 A   |  | 600 A  |  |  |                        |  |         |  |  |  |
| Affectation des phases                                                              |              | 123                                      |                     |            |        | 123     |                     |          |        |  |        |  |  |                        |  |         |  |  |  |
|  |              | SCHEMA UNIFILAIRE                        |                     |            |        |         |                     |          |        |  |        |  |  | Avis Technique 15L-601 |  |         |  |  |  |
|                                                                                     |              | Unif.Chantier 8 circuits TABLEAU GENERAL |                     |            |        |         |                     |          |        |  |        |  |  | AFFAIRE:               |  |         |  |  |  |
|                                                                                     |              |                                          |                     |            |        |         |                     |          |        |  |        |  |  | PLAN:                  |  |         |  |  |  |
|                                                                                     |              | Date :                                   |                     | 28/05/2024 |        | Norme : |                     | C1510015 |        |  |        |  |  |                        |  |         |  |  |  |





|                                                                                     |             |                                       |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
|-------------------------------------------------------------------------------------|-------------|---------------------------------------|-----------------|---------|-----------------|----------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------------|-----------------|--------|-----------|--|--|
| Révision                                                                            |             | A                                     |                 | A       |                 | A        |                 | A      |                 | A      |                 | A      |                 | A      |                 |              |                 |        |           |  |  |
| RESEAU                                                                              |             | TPE PED1 RDC                          |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 | TPE PED1 RDC |                 |        |           |  |  |
| Rég.de N                                                                            |             | TT                                    |                 | SJB_3   |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 | SJB_3  |           |  |  |
| Tension                                                                             |             | 400 V                                 |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| DISTRIBUTION                                                                        |             |                                       |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| Normal                                                                              |             | TGBTDD001                             |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| Amont                                                                               |             |                                       |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| Secours                                                                             |             |                                       |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| Repère                                                                              |             | TPE PED1 RDC                          |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| Désignation                                                                         |             |                                       |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| I installée                                                                         |             | Normal<br>30,67 A                     |                 | Secours |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| I Totale                                                                            |             | 25,61 A                               |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| Ik3 max                                                                             |             | 9624 A                                |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| Ik1 max                                                                             |             | 6859 A                                |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| I max                                                                               |             | 0,64 %                                |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| CIRCUIT                                                                             | Repère      |                                       | TPE PED1 ECL010 |         | TPE PED1 ECL011 |          | TPE PED1 ECL012 |        | TPE PED1 ECL013 |        | TPE PED1 ECL014 |        | TPE PED1 ECL015 |        | TPE PED1 ECL016 |              | TPE PED1 ECL017 |        |           |  |  |
|                                                                                     |             |                                       | SALLE DE COURS  |         | SALLE DE COURS  |          | SALLE DE COURS  |        | SALLE DE COURS  |        | SALLE DE COURS  |        | SALLE DE COURS  |        | SALLE DE COURS  |              | SALLE DE COURS  |        |           |  |  |
|                                                                                     | Désignation |                                       |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
|                                                                                     | Nb          |                                       | Consommation    |         | 4               |          | 40W             |        | 3               |        | 40W             |        | 8               |        | 40W             |              | 4               |        | 40W       |  |  |
| Alimentation                                                                        |             | Normal                                |                 | Normal  |                 | Normal   |                 | Normal |                 | Normal |                 | Normal |                 | Normal |                 | Normal       |                 | Normal |           |  |  |
| LIAISON                                                                             | JdB Amont   |                                       | SJB_3           |         | SJB_3           |          | SJB_3           |        | SJB_3           |        | SJB_3           |        | SJB_3           |        | SJB_3           |              | SJB_3           |        |           |  |  |
|                                                                                     | Type        |                                       | U1000R2V (90°C) |         | U1000R2V (90°C) |          | U1000R2V (90°C) |        | U1000R2V (90°C) |        | U1000R2V (90°C) |        | U1000R2V (90°C) |        | U1000R2V (90°C) |              | U1000R2V (90°C) |        |           |  |  |
|                                                                                     | Longueur    |                                       | Ame             |         | 12 m            |          | Cu              |        | 12 m            |        | Cu              |        | 12 m            |        | Cu              |              | 12 m            |        | Cu        |  |  |
|                                                                                     | L.Max prot. |                                       | 68 m (CC)       |         | 68 m (CC)       |          | 68 m (CC)       |        | 68 m (CC)       |        | 68 m (CC)       |        | 68 m (CC)       |        | 68 m (CC)       |              | 68 m (CC)       |        | 68 m (CC) |  |  |
|                                                                                     | ΔU Circuit  |                                       | ΔU Totale       |         | 0,11 %          |          | 0,75 %          |        | 0,09 %          |        | 0,72 %          |        | 0,23 %          |        | 0,86 %          |              | 0,11 %          |        | 0,75 %    |  |  |
|                                                                                     | Câble       |                                       | 3G1,5           |         | 3G1,5           |          | 3G1,5           |        | 3G1,5           |        | 3G1,5           |        | 3G1,5           |        | 3G1,5           |              | 3G1,5           |        | 3G1,5     |  |  |
|                                                                                     | Neutre      |                                       | Séparé          |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
|                                                                                     | PE/PEN      |                                       |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| Taux d'Harmonique                                                                   |             |                                       |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| PROT.                                                                               | Protection  |                                       | DT40K           |         | DT40K           |          | DT40K           |        | DT40K           |        | DT40K           |        | DT40K           |        | DT40K           |              | DT40K           |        |           |  |  |
|                                                                                     |             |                                       |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
|                                                                                     | Calibre     |                                       | IΔn             |         | 10 A            |          | 100 A           |        | 10 A            |        | 100 A           |        | 10 A            |        | 100 A           |              | 10 A            |        | 100 A     |  |  |
|                                                                                     | Ir          |                                       | Im / Isd        |         |                 |          | 100 A           |        |                 |        | 100 A           |        |                 |        | 100 A           |              |                 |        | 100 A     |  |  |
| Affectation des phases                                                              |             | 2                                     |                 | 2       |                 | 2        |                 | 2      |                 | 3      |                 | 2      |                 | 1      |                 | 3            |                 |        |           |  |  |
|  |             | SCHEMA UNIFILAIRE                     |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
|                                                                                     |             | Unif.Chantier 8 circuits TPE PED1 RDC |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
|                                                                                     |             |                                       |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
|                                                                                     |             |                                       |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| Date :                                                                              |             | 28/05/2024                            |                 | Norme : |                 | C1510015 |                 |        |                 |        |                 |        |                 |        |                 |              |                 |        |           |  |  |
| Avis Technique 15L-601                                                              |             |                                       |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 | LI BT        |                 |        |           |  |  |
| AFFAIRE:                                                                            |             |                                       |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 | Folio        |                 |        |           |  |  |
| PLAN:                                                                               |             |                                       |                 |         |                 |          |                 |        |                 |        |                 |        |                 |        |                 | 11 / 115     |                 |        |           |  |  |





Révision

A

A

A

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

TGBTTD001

Amont

Secours

Repère

TPE PED1 RDC

Désignation

I installée

Normal

30,67 A

Secours

I Totale

25,61 A

Ik3 max

9624 A

Ik1 max

6859 A

I max

0,64 %

TPE PED1 RDC

TPE PED1 RDC

SJB\_4

2P1D 16 A

2P1D 16 A

2P1D 16 A

2P1D 16 A

2P1D 16 A

2P1D 16 A

4P3D 16 A 30 mA

L 1

L 3

L 3

L 2

L 1

L 1

CIRCUIT

Repère

Désignation

Nb

Consommation

TPE PED1 PC13

laboratoire electronique

1

0,2kW

TPE PED1 PC14

laboratoire electronique

2

0,2kW

TPE PED1 PC15

laboratoire electronique

2

0,2kW

TPE PED1 RPC16

laboratoire electronique

2

0,2kW

TPE PED1 RPC17

laboratoire electronique

2

0,2kW

TPE PED1 RPC18

laboratoire electronique

1

0,2kW

TPE PED1 SJB009

1

2kW

SJB\_5

0

LIAISON

JdB Amont

Type

Longueur

Ame

L.Max prot.

ΔU Circuit

ΔU Totale

Câble

Neutre

PE/PEN

Séparé

Taux d'Harmonique

SJB\_4

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,09 %

0,72 %

3G2,5

SJB\_4

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,81 %

3G2,5

SJB\_4

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,81 %

3G2,5

SJB\_4

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,81 %

3G2,5

SJB\_4

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,81 %

3G2,5

SJB\_4

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,09 %

0,72 %

3G2,5

0 m

0 %

0,64 %

TH <= 15%

PROT.

Protection

Calibre

IΔn

Ir

Im / Isd

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40K

16 A

160 A

DT40N

Type AC

16 A

30 mA

160 A

Affectation des phases

1

3

3

2

1

1

123

BénieStructure

BUREAU ETUDES TECHNIQUES

01 Rue Mohammed VI, Aggr. 4

INHAUS-CASABLANCA

Tel / Fax : 022455-31-69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE PED1 RDC

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

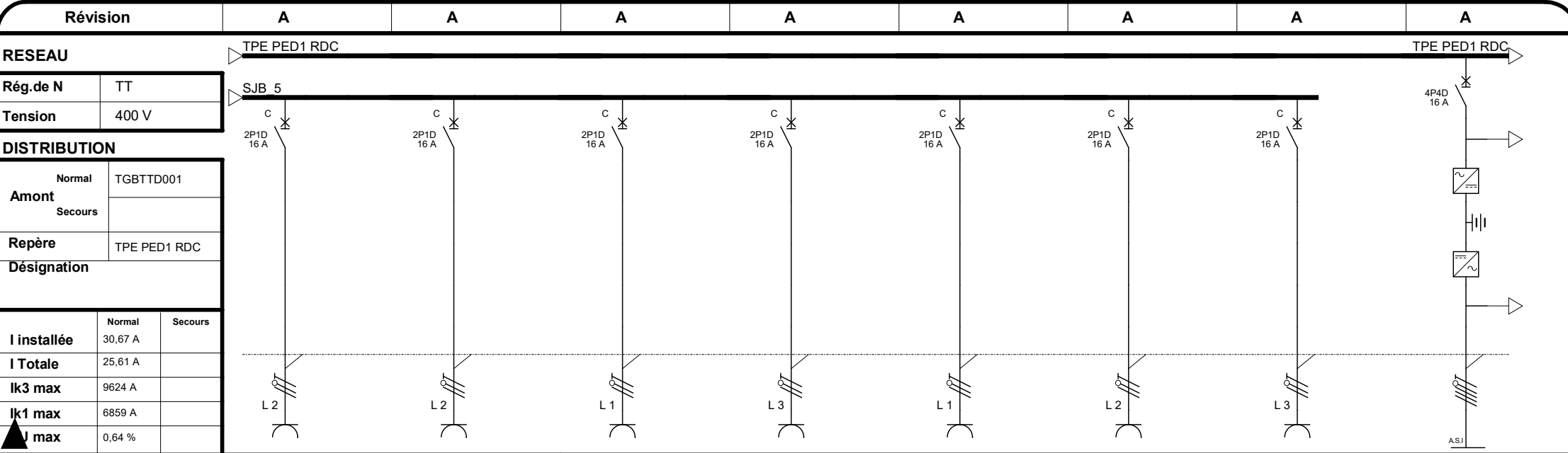
Folio

14

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

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| CIRCUIT                | Repère            |              | TPE PED1 RPC013          |        | TPE PED1 RPC014          |        | TPE PED1 RPC015          |        | TPE PED1 RPC016          |        | TPE PED1 RPC017          |        | TPE PED1 RPC018          |        | TPE PED1 RPC019          |        | TPE PED1 RTD001 |        |
|------------------------|-------------------|--------------|--------------------------|--------|--------------------------|--------|--------------------------|--------|--------------------------|--------|--------------------------|--------|--------------------------|--------|--------------------------|--------|-----------------|--------|
|                        | Désignation       |              | laboratoire electronique |        | laboratoire electronique |        | laboratoire electronique |        | laboratoire electronique |        | laboratoire electronique |        | laboratoire electronique |        | laboratoire electronique |        |                 |        |
|                        | Nb                | Consommation | 4                        | 0,2kW  | 2                        | 0,2kW  | 2                        | 0,2kW  | 2                        | 0,2kW  | 2                        | 0,2kW  | 2                        | 0,2kW  | 2                        | 0,2kW  | 1               | 2kW    |
|                        | Alimentation      |              | Normal                   |        | Normal                   |        | Normal                   |        | Normal                   |        | Normal                   |        | Normal                   |        | Normal                   |        | Normal          |        |
| LIAISON                | JdB Amont         |              | SJB_5                    |        | SJB_5                    |        | SJB_5                    |        | SJB_5                    |        | SJB_5                    |        | SJB_5                    |        | SJB_5                    |        |                 |        |
|                        | Type              |              | U1000R2V (90°C)          |        | U1000R2V (90°C)          |        | U1000R2V (90°C)          |        | U1000R2V (90°C)          |        | U1000R2V (90°C)          |        | U1000R2V (90°C)          |        | U1000R2V (90°C)          |        | U1000R2V (90°C) |        |
|                        | Longueur          | Ame          | 12 m                     | Cu     | 12 m                     | Cu     | 12 m                     | Cu     | 12 m                     | Cu     | 12 m                     | Cu     | 12 m                     | Cu     | 12 m                     | Cu     | 12 m            | Cu     |
|                        | L.Max prot.       |              | 70 m (CC)                |        | 70 m (CC)                |        | 70 m (CC)                |        | 70 m (CC)                |        | 70 m (CC)                |        | 70 m (CC)                |        | 70 m (CC)                |        | 27 m (CC)       |        |
|                        | ΔU Circuit        | ΔU Totale    | 0,34 %                   | 0,98 % | 0,17 %                   | 0,81 % | 0,17 %                   | 0,81 % | 0,17 %                   | 0,81 % | 0,17 %                   | 0,81 % | 0,17 %                   | 0,81 % | 0,17 %                   | 0,81 % | 0,09 %          | 0,73 % |
|                        | Câble             |              | 3G2,5                    |        | 3G2,5                    |        | 3G2,5                    |        | 3G2,5                    |        | 3G2,5                    |        | 3G2,5                    |        | 3G2,5                    |        | 5G4             |        |
|                        | Neutre<br>PE/PEN  |              | Séparé                   |        |                          |        |                          |        |                          |        |                          |        |                          |        |                          |        |                 |        |
|                        | Taux d'Harmonique |              |                          |        |                          |        |                          |        |                          |        |                          |        |                          |        |                          |        | TH <= 15%       |        |
| PROT.                  | Protection        |              | DT40                     |        | DT40                     |        | DT40                     |        | DT40                     |        | DT40                     |        | DT40                     |        | DT40                     |        | NSXmE           |        |
|                        |                   |              |                          |        |                          |        |                          |        |                          |        |                          |        |                          |        |                          |        | TM16D           |        |
|                        | Calibre           | IΔn          | 16 A                     |        | 16 A                     |        | 16 A                     |        | 16 A                     |        | 16 A                     |        | 16 A                     |        | 16 A                     |        | 16 A            |        |
|                        | Ir                | Im / Isd     |                          | 160 A  |                          | 160 A  |                          | 160 A  |                          | 160 A  |                          | 160 A  |                          | 160 A  |                          | 160 A  | 11,2 A          | 500 A  |
| Affectation des phases |                   |              | 2                        |        | 2                        |        | 1                        |        | 3                        |        | 1                        |        | 2                        |        | 3                        |        | 123             |        |



SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE PED1 RDC

A

Ind.

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

LI BT

Folio

15

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

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Révision

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

TGBTTD001

Amont

Secours

Repère

TPE PED1 RDC

Désignation

I installée

30,67 A

Normal

I Totale

25,61 A

Secours

Ik3 max

9624 A

Ik1 max

6859 A

I max

0,64 %

CIRCUIT

Repère

TPE PED1 AS\_009

TPE PED1 AS\_010

Désignation

Nb

Consommation

0

0

Alimentation

LIAISON

JdB Amont

Type

Longueur

Ame

0 m

0 m

L.Max prot.

ΔU Circuit

ΔU Totale

Câble

Neutre

Séparé

PE/PEN

Taux d'Harmonique

PROT.

Protection

Calibre

lΔn

Ir

Im / Isd

Affectation des phases

BénieStructure

BUREAU ETUDES TECHNIQUES

01 Rue Mohammed VI - Agdal -

11300 CASABLANCA

Tel / Fax : 02255-311-69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE PED1 RDC

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

LI BT

Folio

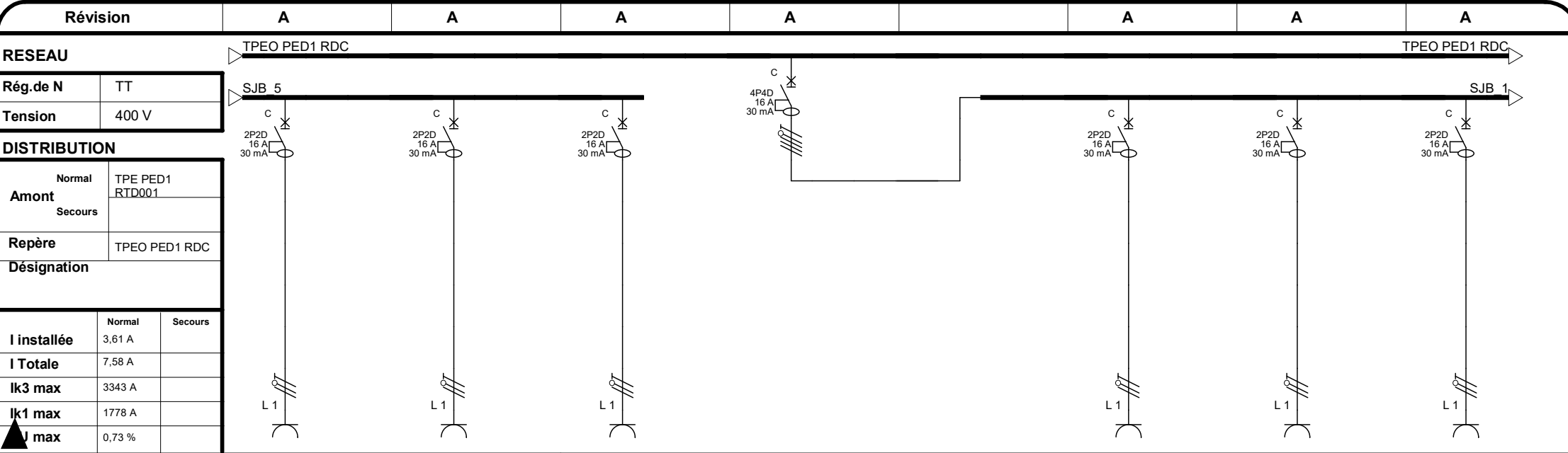
16

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

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|                        |                   |              |                 |         |                 |         |                 |         |                          |         |                 |  |                 |         |                 |         |                 |         |
|------------------------|-------------------|--------------|-----------------|---------|-----------------|---------|-----------------|---------|--------------------------|---------|-----------------|--|-----------------|---------|-----------------|---------|-----------------|---------|
| CIRCUIT                | Repère            |              | TPEO PED1 PC006 |         | TPEO PED1 PC007 |         | TPEO PED1 PC008 |         | T_001SJB008              |         | SJB_1           |  | TPEO PED1 PC09  |         | TPEO PED1 PC10  |         | TPEO PED1 PC11  |         |
|                        |                   |              | SALLE DE COURS  |         | SALLE DE COURS  |         | SALLE DE COURS  |         | laboratoire electronique |         |                 |  | SALLE DE COURS  |         | SALLE DE COURS  |         | SALLE DE COURS  |         |
|                        | Désignation       |              |                 |         |                 |         |                 |         |                          |         |                 |  |                 |         |                 |         |                 |         |
|                        | Nb                | Consommation | 2               | 0,2kW   | 1               | 0,2kW   | 1               | 0,2kW   | 1                        | 2kW     | 0               |  | 2               | 0,2kW   | 2               | 0,2kW   | 1               | 0,2kW   |
| LIAISON                | Alimentation      |              | Normal          |         | Normal          |         | Normal          |         | Normal                   |         |                 |  | Normal          |         | Normal          |         | Normal          |         |
|                        | JdB Amont         |              | SJB_5           |         | SJB_5           |         | SJB_5           |         |                          |         | SJB_1           |  | SJB_1           |         | SJB_1           |         | SJB_1           |         |
|                        | Type              |              | U1000R2V (90°C) |         | U1000R2V (90°C) |         | U1000R2V (90°C) |         |                          |         | U1000R2V (90°C) |  | U1000R2V (90°C) |         | U1000R2V (90°C) |         | U1000R2V (90°C) |         |
|                        | Longueur          | Ame          | 12 m            | Cu      | 12 m            | Cu      | 12 m            | Cu      |                          |         | 0 m             |  | 12 m            | Cu      | 12 m            | Cu      | 12 m            | Cu      |
|                        | L.Max prot.       |              | 65 m (CC)       |         | 65 m (CC)       |         | 65 m (CC)       |         |                          |         | 65 m (CC)       |  | 65 m (CC)       |         | 65 m (CC)       |         | 65 m (CC)       |         |
|                        | ΔU Circuit        | ΔU Totale    | 0,17 %          | 0,90 %  | 0,09 %          | 0,81 %  | 0,09 %          | 0,81 %  | 0 %                      | 0,73 %  |                 |  | 0,17 %          | 0,90 %  | 0,17 %          | 0,90 %  | 0,09 %          | 0,81 %  |
|                        | Câble             |              | 3G2,5           |         | 3G2,5           |         | 3G2,5           |         |                          |         | 3G2,5           |  | 3G2,5           |         | 3G2,5           |         | 3G2,5           |         |
|                        | Neutre            | Séparé       |                 |         |                 |         |                 |         |                          |         |                 |  |                 |         |                 |         |                 |         |
| PROT.                  | PE/PEN            |              |                 |         |                 |         |                 |         |                          |         |                 |  |                 |         |                 |         |                 |         |
|                        | Taux d'Harmonique |              |                 |         |                 |         |                 |         | TH <= 15%                |         |                 |  |                 |         |                 |         |                 |         |
|                        | Protection        |              | iC60 RCBO AC    |         | iC60 RCBO AC    |         | iC60 RCBO AC    |         | iC60 RCBO AC             |         |                 |  | iC60 RCBO AC    |         | iC60 RCBO AC    |         | iC60 RCBO AC    |         |
|                        |                   |              |                 |         |                 |         |                 |         |                          |         |                 |  |                 |         |                 |         |                 |         |
|                        | Calibre           | IΔn          | 16 A            | 30 mA   | 16 A            | 30 mA   | 16 A            | 30 mA   | 16 A                     | 30 mA   |                 |  | 16 A            | 30 mA   | 16 A            | 30 mA   | 16 A            | 30 mA   |
|                        | Ir                | Im / Isd     |                 | 153,6 A |                 | 153,6 A |                 | 153,6 A |                          | 153,6 A |                 |  |                 | 153,6 A |                 | 153,6 A |                 | 153,6 A |
| Affectation des phases |                   |              | 1               |         | 1               |         | 1               |         | 123                      |         |                 |  | 1               |         | 1               |         | 1               |         |



SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPEO PED1 RDC

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

18

115

| Révision                                                                            |                   |               |                 | A                                      |                 | A       |                 | A                |                 | A       |                 | A                                                                                     |                          | A       |                 | A              |                 |               |  |
|-------------------------------------------------------------------------------------|-------------------|---------------|-----------------|----------------------------------------|-----------------|---------|-----------------|------------------|-----------------|---------|-----------------|---------------------------------------------------------------------------------------|--------------------------|---------|-----------------|----------------|-----------------|---------------|--|
| RESEAU                                                                              |                   |               |                 | TPEO PED1 RDC                          |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 | TPEO PED1 RDC |  |
| Rég.de N                                                                            |                   | TT            |                 | SJB_1                                  |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
| Tension                                                                             |                   | 400 V         |                 |                                        |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
| DISTRIBUTION                                                                        |                   |               |                 |                                        |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
| Normal                                                                              |                   | TPE PED1      |                 |                                        |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
| Amont                                                                               |                   | RTD001        |                 |                                        |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
| Secours                                                                             |                   |               |                 |                                        |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
| Repère                                                                              |                   | TPEO PED1 RDC |                 |                                        |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
| Désignation                                                                         |                   |               |                 |                                        |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
| I installée                                                                         |                   | Normal        |                 | 3,61 A                                 |                 | Secours |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
| I Totale                                                                            |                   | 7,58 A        |                 |                                        |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
| Ik3 max                                                                             |                   | 3343 A        |                 |                                        |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
| Ik1 max                                                                             |                   | 1778 A        |                 |                                        |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
| ΔI max                                                                              |                   | 0,73 %        |                 |                                        |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
| CIRCUIT                                                                             | Repère            |               | TPEO PED1 PC12  |                                        | TPEO PED1 PC13  |         | TPEO PED1 PC14  |                  | TPEO PED1 PC15  |         | TPEO PED1 PC16  |                                                                                       | TPEO PED1 PC014          |         | TPEO PED1 PC015 |                | TPEO PED1 PC016 |               |  |
|                                                                                     | Désignation       |               | SALLE DE COURS  |                                        | SALLE DE COURS  |         | SALLE DE COURS  |                  | SALLE DE COURS  |         | SALLE DE COURS  |                                                                                       | laboratoire electronique |         | SALLE DE COURS  |                | SALLE DE COURS  |               |  |
|                                                                                     | Nb                | Consommation  | 1               | 0,2kW                                  | 2               | 0,2kW   | 2               | 0,2kW            | 1               | 0,2kW   | 1               | 0,2kW                                                                                 | 2                        | 0,2kW   | 2               | 0,2kW          | 2               | 0,2kW         |  |
|                                                                                     | Alimentation      |               | Normal          |                                        | Normal          |         | Normal          |                  | Normal          |         | Normal          |                                                                                       | Normal                   |         | Normal          |                | Normal          |               |  |
| LIAISON                                                                             | JdB Amont         |               | SJB_1           |                                        | SJB_1           |         | SJB_1           |                  | SJB_1           |         | SJB_1           |                                                                                       |                          |         |                 |                |                 |               |  |
|                                                                                     | Type              |               | U1000R2V (90°C) |                                        | U1000R2V (90°C) |         | U1000R2V (90°C) |                  | U1000R2V (90°C) |         | U1000R2V (90°C) |                                                                                       | U1000R2V (90°C)          |         | U1000R2V (90°C) |                | U1000R2V (90°C) |               |  |
|                                                                                     | Longueur          | Ame           | 12 m            | Cu                                     | 12 m            | Cu      | 12 m            | Cu               | 12 m            | Cu      | 12 m            | Cu                                                                                    | 12 m                     | Cu      | 12 m            | Cu             | 12 m            | Cu            |  |
|                                                                                     | L.Max prot.       |               | 65 m (CC)       |                                        | 65 m (CC)       |         | 65 m (CC)       |                  | 65 m (CC)       |         | 65 m (CC)       |                                                                                       | 65 m (CC)                |         | 65 m (CC)       |                | 65 m (CC)       |               |  |
|                                                                                     | ΔU Circuit        | ΔU Totale     | 0,09 %          | 0,81 %                                 | 0,17 %          | 0,90 %  | 0,17 %          | 0,90 %           | 0,09 %          | 0,81 %  | 0,09 %          | 0,81 %                                                                                | 0,17 %                   | 0,90 %  | 0,17 %          | 0,90 %         | 0,17 %          | 0,90 %        |  |
|                                                                                     | Câble             |               | 3G2,5           |                                        | 3G2,5           |         | 3G2,5           |                  | 3G2,5           |         | 3G2,5           |                                                                                       | 3G2,5                    |         | 3G2,5           |                | 3G2,5           |               |  |
|                                                                                     | Neutre            | Séparé        |                 |                                        |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
|                                                                                     | PE/PEN            |               |                 |                                        |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
| PROT.                                                                               | Taux d'Harmonique |               |                 |                                        |                 |         |                 |                  |                 |         |                 |                                                                                       |                          |         |                 |                |                 |               |  |
|                                                                                     | Protection        |               | iC60 RCBO AC    |                                        | iC60 RCBO AC    |         | iC60 RCBO AC    |                  | iC60 RCBO AC    |         | iC60 RCBO AC    |                                                                                       | iC60 RCBO AC             |         | iC60 RCBO AC    |                | iC60 RCBO AC    |               |  |
|                                                                                     | Calibre           | IΔn           | 16 A            | 30 mA                                  | 16 A            | 30 mA   | 16 A            | 30 mA            | 16 A            | 30 mA   | 16 A            | 30 mA                                                                                 | 16 A                     | 30 mA   | 16 A            | 30 mA          | 16 A            | 30 mA         |  |
| Ir                                                                                  |                   | Im / Isd      |                 | 153,6 A                                |                 | 153,6 A |                 | 153,6 A          |                 | 153,6 A |                 | 153,6 A                                                                               |                          | 153,6 A |                 | 153,6 A        |                 | 153,6 A       |  |
| Affectation des phases                                                              |                   |               |                 | 1                                      |                 | 1       |                 | 1                |                 | 1       |                 | 1                                                                                     |                          | 1       |                 | 1              |                 | 1             |  |
|  |                   |               |                 | SCHEMA UNIFILAIRE                      |                 |         |                 |                  |                 |         |                 |  |                          |         |                 |                |                 |               |  |
|                                                                                     |                   |               |                 | Unif.Chantier 8 circuits TPEO PED1 RDC |                 |         |                 |                  |                 |         |                 | Avis Technique 15L-601                                                                |                          |         |                 |                |                 |               |  |
|                                                                                     |                   |               |                 |                                        |                 |         |                 |                  |                 |         |                 | AFFAIRE:                                                                              |                          |         |                 |                |                 |               |  |
|                                                                                     |                   |               |                 |                                        |                 |         |                 |                  |                 |         |                 | PLAN:                                                                                 |                          |         |                 |                |                 |               |  |
|                                                                                     |                   |               |                 | Date : 28/05/2024                      |                 |         |                 | Norme : C1510015 |                 |         |                 |                                                                                       |                          |         |                 | Folio 19 / 115 |                 |               |  |

|                                                                                     |             |                                        |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
|-------------------------------------------------------------------------------------|-------------|----------------------------------------|-----------------|--------|--------|---------|-----------------|----------|--------|--|---------|--|--|--|--|------------------------|--|--|--|
| Révision                                                                            |             | A                                      |                 | A      |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| RESEAU                                                                              |             | TPEO PED1 RDC                          |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| Rég.de N                                                                            |             | TT                                     |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| Tension                                                                             |             | 400 V                                  |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| DISTRIBUTION                                                                        |             |                                        |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| Normal                                                                              |             | TPE PED1                               |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| Amont                                                                               |             | RTD001                                 |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| Secours                                                                             |             |                                        |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| Repère                                                                              |             | TPEO PED1 RDC                          |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| Désignation                                                                         |             |                                        |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| I installée                                                                         |             | Normal                                 |                 | 3,61 A |        | Secours |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| I Totale                                                                            |             | 7,58 A                                 |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| Ik3 max                                                                             |             | 3343 A                                 |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| Ik1 max                                                                             |             | 1778 A                                 |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| J max                                                                               |             | 0,73 %                                 |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| CIRCUIT                                                                             | Repère      |                                        | TPEO PED1 PC017 |        |        |         | TPEO PED1 PC018 |          |        |  |         |  |  |  |  |                        |  |  |  |
|                                                                                     |             |                                        | SALLE DE COURS  |        |        |         | SALLE DE COURS  |          |        |  |         |  |  |  |  |                        |  |  |  |
|                                                                                     | Désignation |                                        |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
|                                                                                     | Nb          |                                        | Consommation    |        | 1      |         | 0,2kW           |          | 1      |  | 0,2kW   |  |  |  |  |                        |  |  |  |
| Alimentation                                                                        |             | Normal                                 |                 |        |        | Normal  |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| LIAISON                                                                             | JdB Amont   |                                        |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
|                                                                                     | Type        |                                        | U1000R2V (90°C) |        |        |         | U1000R2V (90°C) |          |        |  |         |  |  |  |  |                        |  |  |  |
|                                                                                     | Longueur    |                                        | Ame             |        | 12 m   |         | Cu              |          | 12 m   |  | Cu      |  |  |  |  |                        |  |  |  |
|                                                                                     | L.Max prot. |                                        | 65 m (CC)       |        |        |         | 65 m (CC)       |          |        |  |         |  |  |  |  |                        |  |  |  |
|                                                                                     | ΔU Circuit  |                                        | ΔU Totale       |        | 0,09 % |         | 0,81 %          |          | 0,09 % |  | 0,81 %  |  |  |  |  |                        |  |  |  |
|                                                                                     | Câble       |                                        | 3G2,5           |        |        |         | 3G2,5           |          |        |  |         |  |  |  |  |                        |  |  |  |
|                                                                                     | Neutre      |                                        | Séparé          |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
|                                                                                     | PE/PEN      |                                        |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| PROT.                                                                               | Protection  |                                        | iC60 RCBO AC    |        |        |         | iC60 RCBO AC    |          |        |  |         |  |  |  |  |                        |  |  |  |
|                                                                                     | Calibre     |                                        | IΔn             |        | 16 A   |         | 30 mA           |          | 16 A   |  | 30 mA   |  |  |  |  |                        |  |  |  |
|                                                                                     | Ir          |                                        | Im / Isd        |        |        |         | 153,6 A         |          |        |  | 153,6 A |  |  |  |  |                        |  |  |  |
| Affectation des phases                                                              |             | 1                                      |                 |        |        | 1       |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
|  |             | SCHEMA UNIFILAIRE                      |                 |        |        |         |                 |          |        |  |         |  |  |  |  | Avis Technique 15L-601 |  |  |  |
|                                                                                     |             | Unif.Chantier 8 circuits TPEO PED1 RDC |                 |        |        |         |                 |          |        |  |         |  |  |  |  | AFFAIRE:               |  |  |  |
|                                                                                     |             |                                        |                 |        |        |         |                 |          |        |  |         |  |  |  |  | PLAN:                  |  |  |  |
|                                                                                     |             |                                        |                 |        |        |         |                 |          |        |  |         |  |  |  |  |                        |  |  |  |
| Date :                                                                              |             | 28/05/2024                             |                 |        |        | Norme : |                 | C1510015 |        |  |         |  |  |  |  |                        |  |  |  |

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

TGBTTD002

Amont

Secours

Repère

TPE ADM

Désignation

I installée

Normal

14,43 A

Secours

I Totale

6,39 A

Ik3 max

8217 A

Ik1 max

5328 A

I max

0,59 %

RESEAU

TPE ADM

TPE ADM

SJB\_1

4P 63 A

TT 400 V

4P3D 16 A 300 mA

2P1D 10 A

2P1D 10 A

2P1D 10 A

2P1D 10 A

2P 10 A

L 1

L 2

L

L 2

L 1

CIRCUIT

Repère

TGBTTD002

TPE ADMSJB001

SJB\_1

TPE ADMECL001

TPE ADMECL002

TPE ADMAS\_001

TPE ADMECL003

TPE ADMECL004

Désignation

ESPACE SURVEILLANT

ESPACE SURVEILLANT

BP commande télérupteur

COULOIR

WC HOMME

Nb

Consommation

1

8kW

1

500W

0

5

40W

5

40W

0

5

20W

6

15W

Alimentation

Normal

Normal

Normal

Normal

Normal

Normal

LIAISON

JdB Amont

Type

Longueur

Ame

L.Max prot.

ΔU Circuit

ΔU Totale

Câble

Neutre

PE/PEN

Séparé

Taux d'Harmonique

U1000R2V (90°C)

15 m

Cu

181 m (CC)

0,12 %

0,59 %

5G16

TH <= 15%

0 m

0 %

0,59 %

TH <= 15%

SJB\_1

U1000R2V (90°C)

12 m

Cu

68 m (CC)

0,14 %

0,73 %

3G1,5

SJB\_1

U1000R2V (90°C)

12 m

Cu

68 m (CC)

0,14 %

0,73 %

3G1,5

SJB\_1

U1000R2V (90°C)

0 m

2X1,5

SJB\_1

U1000R2V (90°C)

15 m

Cu

68 m (CC)

0,09 %

0,68 %

3G1,5

SJB\_1

U1000R2V (90°C)

12 m

Cu

68 m (CC)

0,06 %

0,66 %

3G1,5

PROT.

Protection

Calibre

Ir

IΔn

Im / Isd

INS63

63 A

DT40N

Type AC

16 A

300 mA

160 A

DT40K

10 A

100 A

DT40K

10 A

100 A

DT40K

10 A

100 A

DT40K

10 A

100 A

Affectation des phases

123

123

1

2

2

1

Logo

GenieStructure

BUREAU ETUDES TECHNIQUES

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INHAUS - CASABLANCA

Tel / Fax 022 955 91 69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE ADM

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

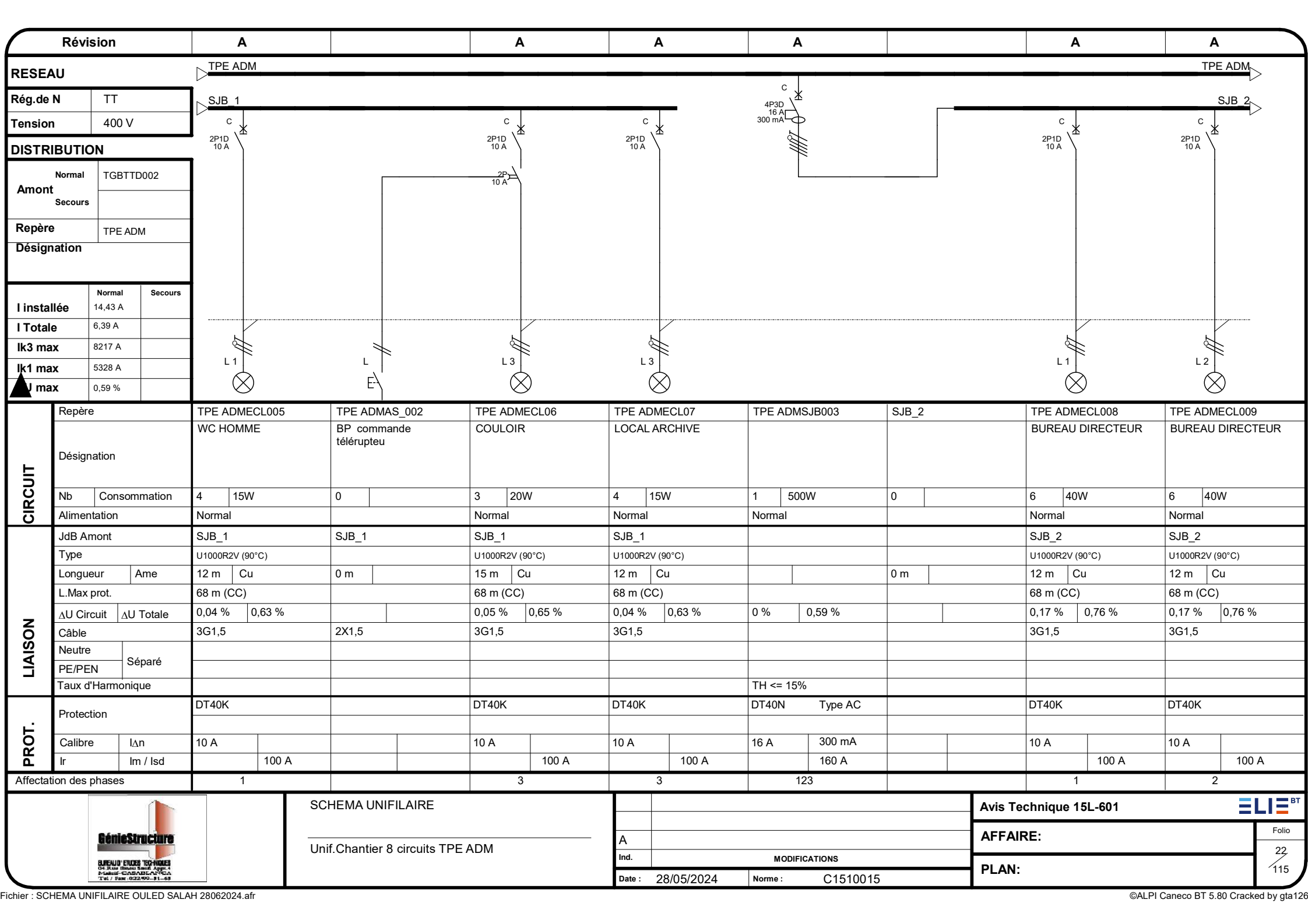
AFFAIRE:

PLAN:

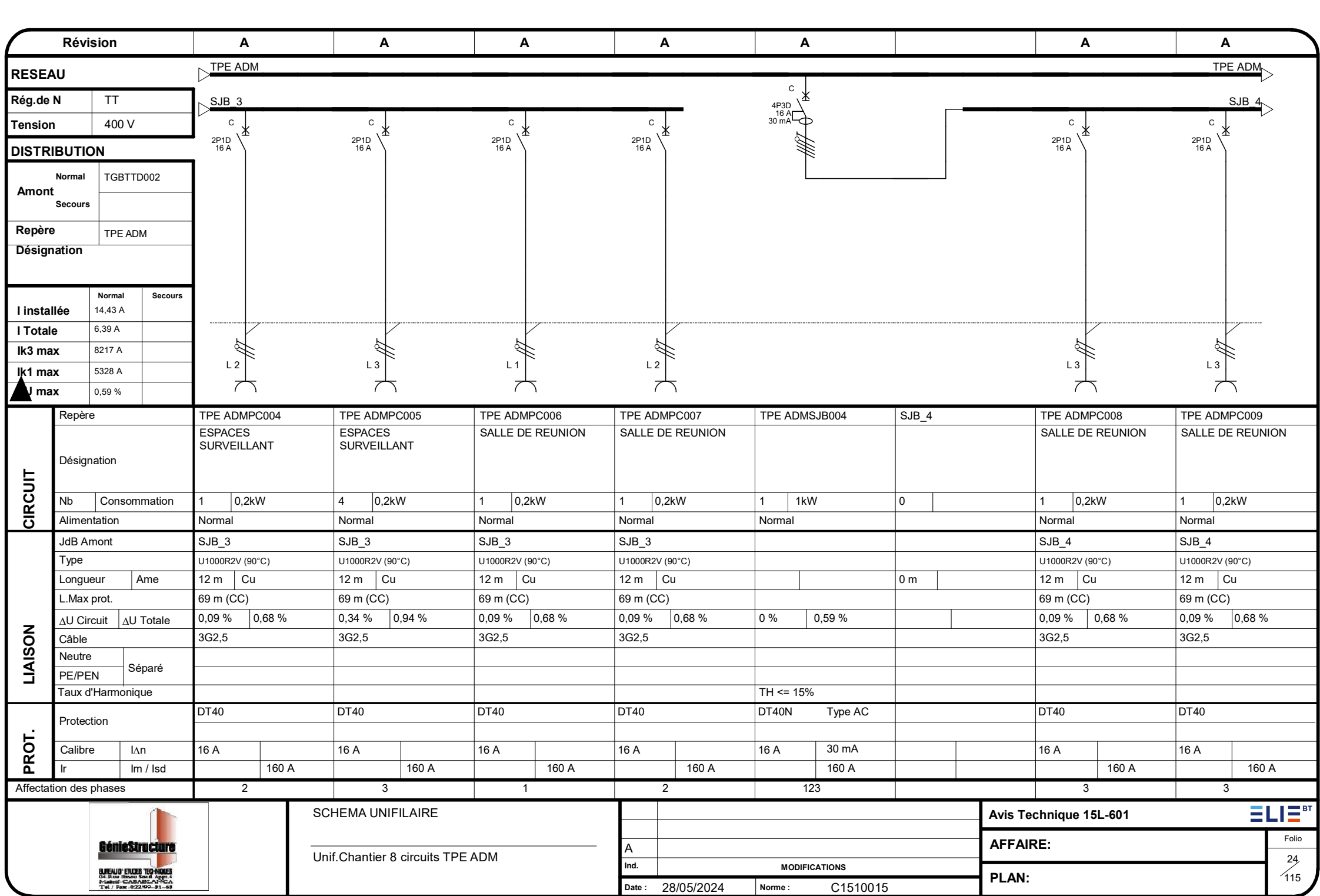
Folio

21

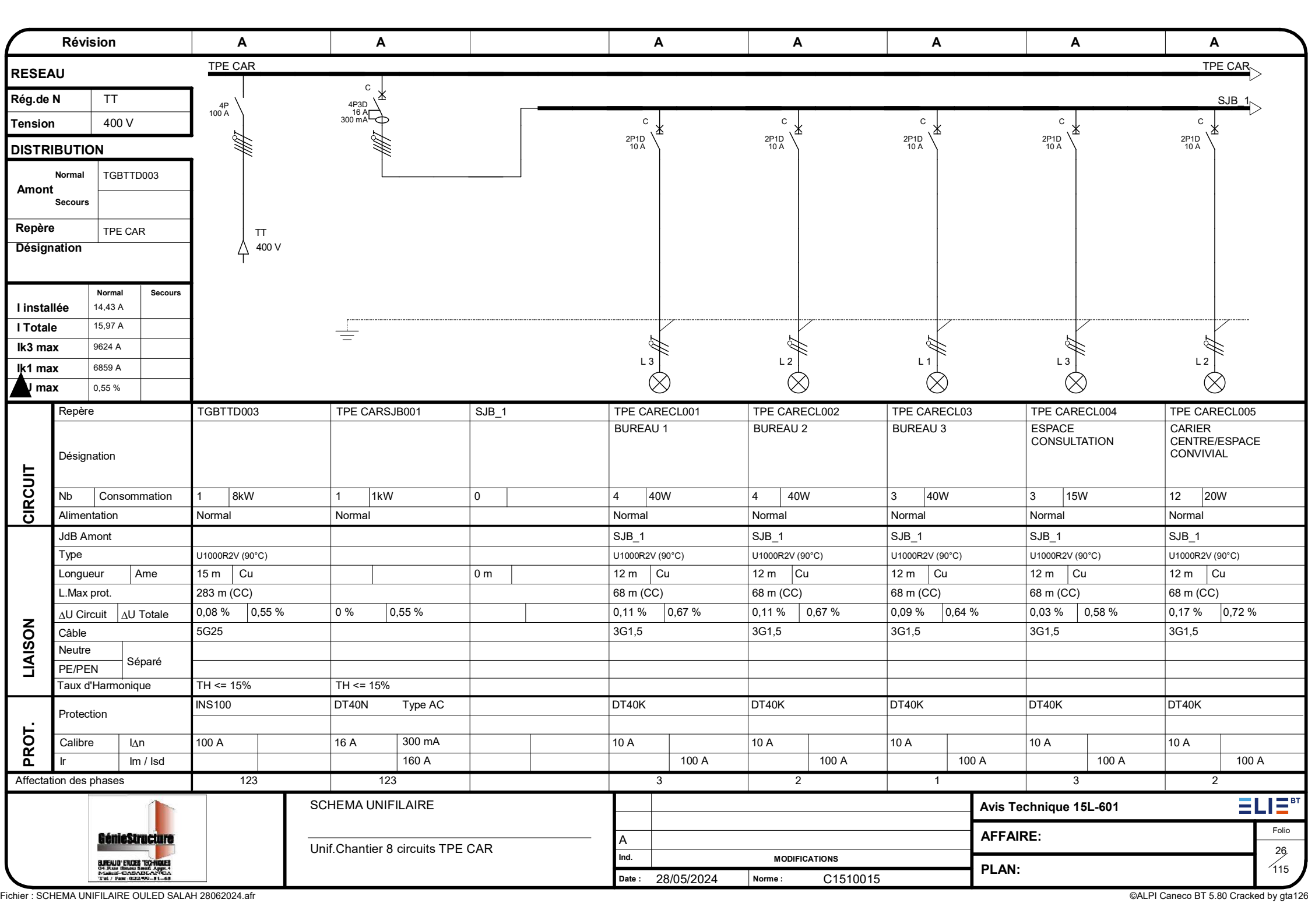
115







|                                                                                     |              |                |                                  |           |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
|-------------------------------------------------------------------------------------|--------------|----------------|----------------------------------|-----------|--------------------|--------|------------------|--------|-------------------|--------|--|--|--|--|------------------------|--|--|--|--|--|
| Révision                                                                            |              | A              |                                  | A         |                    | A      |                  | A      |                   |        |  |  |  |  |                        |  |  |  |  |  |
| RESEAU                                                                              |              | TPE ADM        |                                  |           |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| Rég.de N                                                                            |              | TT             |                                  | TPE ADM   |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| Tension                                                                             |              | 400 V          |                                  | SJB_4     |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| DISTRIBUTION                                                                        |              | SJB_4          |                                  |           |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| Normal                                                                              |              | TGBTDD002      |                                  | 2P1D 16 A |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| Amont                                                                               |              |                |                                  | C         |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| Secours                                                                             |              |                |                                  | L 2       |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| Repère                                                                              |              | TPE ADM        |                                  | L 1       |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| Désignation                                                                         |              |                |                                  | L 2       |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| I installée                                                                         |              | Normal 14,43 A |                                  | L 1       |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| I Totale                                                                            |              | 6,39 A         |                                  | L 2       |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| Ik3 max                                                                             |              | 8217 A         |                                  | L 1       |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| Ik1 max                                                                             |              | 5328 A         |                                  | L 2       |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| I max                                                                               |              | 0,59 %         |                                  | L 1       |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| CIRCUIT                                                                             | Repère       |                | TPE ADMPC010                     |           | TPE ADMPC011       |        | TPE ADMPC012     |        | TPE ADMPC013      |        |  |  |  |  |                        |  |  |  |  |  |
|                                                                                     | Désignation  |                | BUREAU SECRETARIAT               |           | BUREAU SECRETARIAT |        | BUREAU DIERCTEUR |        | BUREAU DIRECTEUR  |        |  |  |  |  |                        |  |  |  |  |  |
|                                                                                     | Nb           | Consommation   | 1                                | 0,2kW     | 2                  | 0,2kW  | 1                | 0,2kW  | 2                 | 0,2kW  |  |  |  |  |                        |  |  |  |  |  |
|                                                                                     | Alimentation |                | Normal                           |           | Normal             |        | Normal           |        | Normal            |        |  |  |  |  |                        |  |  |  |  |  |
| LIAISON                                                                             | JdB Amont    |                | SJB_4                            |           | SJB_4              |        | SJB_4            |        | SJB_4             |        |  |  |  |  |                        |  |  |  |  |  |
|                                                                                     | Type         |                | U1000R2V (90°C)                  |           | U1000R2V (90°C)    |        | U1000R2V (90°C)  |        | U1000R2V (90°C)   |        |  |  |  |  |                        |  |  |  |  |  |
|                                                                                     | Longueur     | Ame            | 12 m                             | Cu        | 12 m               | Cu     | 12 m             | Cu     | 12 m              | Cu     |  |  |  |  |                        |  |  |  |  |  |
|                                                                                     | L.Max prot.  |                | 69 m (CC)                        |           | 69 m (CC)          |        | 69 m (CC)        |        | 69 m (CC)         |        |  |  |  |  |                        |  |  |  |  |  |
|                                                                                     | ΔU Circuit   | ΔU Totale      | 0,09 %                           | 0,68 %    | 0,17 %             | 0,76 % | 0,09 %           | 0,68 % | 0,17 %            | 0,76 % |  |  |  |  |                        |  |  |  |  |  |
|                                                                                     | Câble        |                | 3G2,5                            |           | 3G2,5              |        | 3G2,5            |        | 3G2,5             |        |  |  |  |  |                        |  |  |  |  |  |
|                                                                                     | Neutre       | Séparé         |                                  |           |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
|                                                                                     | PE/PEN       |                |                                  |           |                    |        |                  |        |                   |        |  |  |  |  |                        |  |  |  |  |  |
| PROT.                                                                               | Protection   |                | DT40                             |           | DT40               |        | DT40             |        | DT40              |        |  |  |  |  |                        |  |  |  |  |  |
|                                                                                     | Calibre      | IΔn            | 16 A                             |           | 16 A               |        | 16 A             |        | 16 A              |        |  |  |  |  |                        |  |  |  |  |  |
|                                                                                     | Ir           | Im / Isd       |                                  | 160 A     |                    | 160 A  |                  | 160 A  |                   | 160 A  |  |  |  |  |                        |  |  |  |  |  |
| Affectation des phases                                                              |              |                | 2                                |           | 2                  |        | 1                |        | 1                 |        |  |  |  |  |                        |  |  |  |  |  |
|  |              |                | SCHEMA UNIFILAIRE                |           |                    |        |                  |        |                   |        |  |  |  |  | Avis Technique 15L-601 |  |  |  |  |  |
|                                                                                     |              |                | Unif.Chantier 8 circuits TPE ADM |           |                    |        |                  |        |                   |        |  |  |  |  | AFFAIRE:               |  |  |  |  |  |
|                                                                                     |              |                |                                  |           |                    |        |                  |        |                   |        |  |  |  |  | PLAN:                  |  |  |  |  |  |
|                                                                                     |              |                |                                  |           |                    |        |                  |        | Date : 28/05/2024 |        |  |  |  |  | Norme : C1510015       |  |  |  |  |  |





Révision

A

A

A

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

TGBTDD003

Amont

Secours

Repère

TPE CAR

Désignation

I installée

Normal

14,43 A

Secours

I Totale

15,97 A

Ik3 max

9624 A

Ik1 max

6859 A

I max

0,55 %

TPE CAR

TPE CAR

SJB\_3

C

2P1D

16 A

C

2P1D

16 A

C

2P1D

16 A

C

2P1D

16 A

C

2P1D

16 A

C

2P1D

16 A

C

4P3D

16 A

30 mA

L 3

L 1

L 1

L 1

L 2

L 3

CIRCUIT

Repère

TPE CARPC002

TPE CARPC003

TPE CARPC004

TPE CARPC005

TPE CARPC006

TPE CARPC007

TPE CARSJB003

SJB\_2

Désignation

WC

WC HOMMES

SALLE DE REUNION

SALLE DE REUNION

ESPACE CONSULTATION

ESPACE CONVIVIAL

Nb

Consommation

1

0,2kW

2

0,2kW

1

0,2kW

1

0,2kW

1

0,2kW

1

0,2kW

1

1kW

0

Alimentation

Normal

Normal

Normal

Normal

Normal

Normal

Normal

LIAISON

JdB Amont

SJB\_3

SJB\_3

SJB\_3

SJB\_3

SJB\_3

SJB\_3

Type

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

Longueur

Ame

12 m

Cu

12 m

Cu

12 m

Cu

12 m

Cu

12 m

Cu

0 m

L.Max prot.

70 m (CC)

70 m (CC)

70 m (CC)

70 m (CC)

70 m (CC)

70 m (CC)

ΔU Circuit

ΔU Totale

0,09 %

0,64 %

0,17 %

0,72 %

0,09 %

0,64 %

0,09 %

0,64 %

0,09 %

0,64 %

0 %

0,55 %

Câble

3G2,5

3G2,5

3G2,5

3G2,5

3G2,5

3G2,5

Neutre

PE/PEN

Séparé

Taux d'Harmonique

TH <= 15%

PROT.

Protection

DT40

DT40

DT40

DT40

DT40

DT40

DT40N

Type AC

Calibre

IΔn

16 A

16 A

16 A

16 A

16 A

16 A

30 mA

Ir

Im / Isd

160 A

160 A

160 A

160 A

160 A

160 A

Affectation des phases

3

1

1

1

2

3

123

Logo

GenieStructure

BUREAU ETUDES TECHNIQUES

01 833 8000

06 622 95 31 69

INSAF-CASABLANCA

Tel / Fax

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE CAR

A

Ind.

MODIFICATIONS

Date

28/05/2024

Norme

C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

28

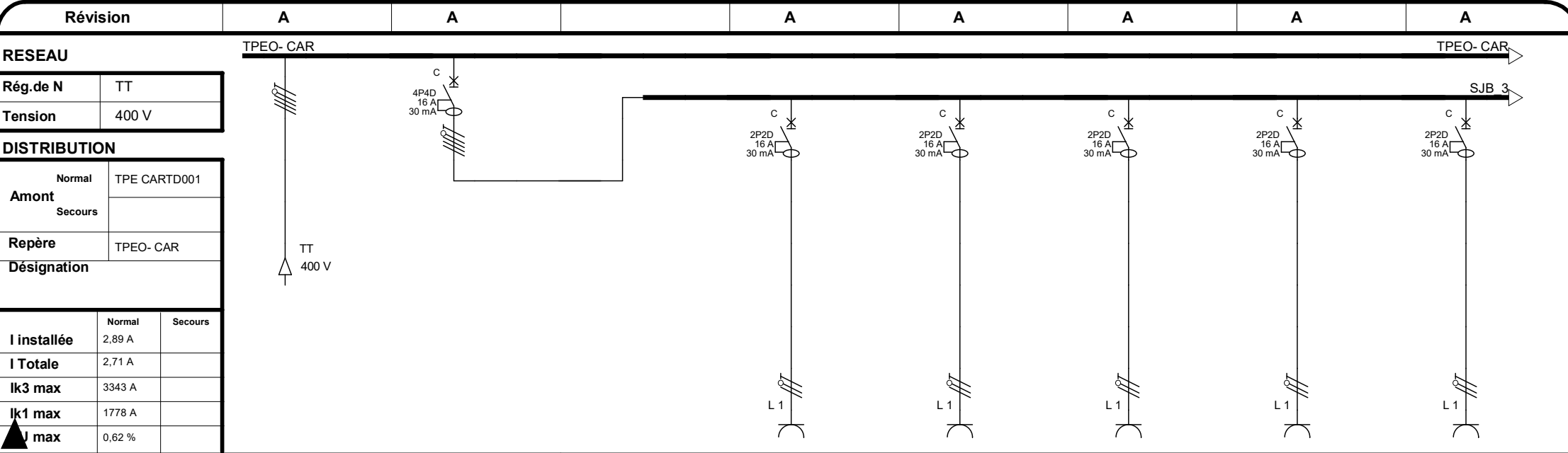
115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

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|                        |              |              |                 |           |              |        |         |  |                  |        |                  |        |                  |        |                       |        |                       |        |         |
|------------------------|--------------|--------------|-----------------|-----------|--------------|--------|---------|--|------------------|--------|------------------|--------|------------------|--------|-----------------------|--------|-----------------------|--------|---------|
| CIRCUIT                | Repère       |              | TPE CARTD001    |           | T_001SJB009  |        | SJB_3   |  | TPEO-CAR 1PC1    |        | TPEO- CARPC001   |        | TPEO- CARPC002   |        | TPEO- CARPC04         |        | TPEO- CARPC05         |        |         |
|                        | Désignation  |              |                 |           |              |        |         |  | SALLE DE REUNION |        | SALLE DE REUNION |        | SALLE DE REUNION |        | SALLE DE CONSULTATION |        | SALLE DE CONSULTATION |        |         |
|                        | Nb           | Consommation | 1               | 1,6kW     | 1            | 1,5kW  | 0       |  | 2                | 0,2kW  | 2                | 0,2kW  | 2                | 0,2kW  | 2                     | 0,2kW  | 2                     | 0,2kW  |         |
|                        | Alimentation |              | Normal          |           | Normal       |        |         |  | Normal           |        | Normal           |        | Normal           |        | Normal                |        | Normal                |        |         |
| LIAISON                | JdB Amont    |              |                 |           |              |        |         |  | SJB_3            |        | SJB_3            |        | SJB_3            |        | SJB_3                 |        | SJB_3                 |        |         |
|                        | Type         |              | U1000R2V (90°C) |           |              |        |         |  | U1000R2V (90°C)  |        | U1000R2V (90°C)  |        | U1000R2V (90°C)  |        | U1000R2V (90°C)       |        | U1000R2V (90°C)       |        |         |
|                        | Longueur     | Ame          | 12 m            | Cu        |              |        | 0 m     |  | 12 m             | Cu     | 12 m             | Cu     | 12 m             | Cu     | 12 m                  | Cu     | 12 m                  | Cu     |         |
|                        | L.Max prot.  |              | 27 m (CC)       |           |              |        |         |  | 65 m (CC)        |        | 65 m (CC)        |        | 65 m (CC)        |        | 65 m (CC)             |        | 65 m (CC)             |        |         |
|                        | ΔU Circuit   | ΔU Totale    | 0,07 %          | 0,62 %    | 0 %          | 0,62 % |         |  | 0,17 %           | 0,80 % | 0,17 %           | 0,80 % | 0,17 %           | 0,80 % | 0,17 %                | 0,80 % | 0,17 %                | 0,80 % |         |
|                        | Câble        |              | 5G4             |           |              |        |         |  | 3G2,5            |        | 3G2,5            |        | 3G2,5            |        | 3G2,5                 |        | 3G2,5                 |        |         |
|                        | Neutre       | Séparé       |                 |           |              |        |         |  |                  |        |                  |        |                  |        |                       |        |                       |        |         |
|                        | PE/PEN       |              |                 |           |              |        |         |  |                  |        |                  |        |                  |        |                       |        |                       |        |         |
| Taux d'Harmonique      |              | TH <= 15%    |                 | TH <= 15% |              |        |         |  |                  |        |                  |        |                  |        |                       |        |                       |        |         |
| PROT.                  | Protection   |              |                 |           | iC60 RCBO AC |        |         |  | iC60 RCBO AC     |        | iC60 RCBO AC     |        | iC60 RCBO AC     |        | iC60 RCBO AC          |        | iC60 RCBO AC          |        |         |
|                        |              |              |                 |           |              |        |         |  |                  |        |                  |        |                  |        |                       |        |                       |        |         |
|                        | Calibre      | IΔn          |                 |           | 16 A         | 30 mA  |         |  | 16 A             | 30 mA  | 16 A             | 30 mA  | 16 A             | 30 mA  | 16 A                  | 30 mA  | 16 A                  | 30 mA  |         |
|                        |              | Ir           | Im / Isd        |           |              |        | 153,6 A |  |                  |        | 153,6 A          |        | 153,6 A          |        | 153,6 A               |        | 153,6 A               |        | 153,6 A |
| Affectation des phases |              |              | 123             |           | 123          |        |         |  | 1                |        | 1                |        | 1                |        | 1                     |        | 1                     |        |         |



SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPEO- CAR

A

Ind.

Date : 28/05/2024

Norme : C1510015

MODIFICATIONS

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

31

115

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Révision

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

TPE CARTD001

Amont

Secours

Repère

TPEO- CAR

Désignation

I installée

2,89 A

Normal

I Totale

2,71 A

Normal

Ik3 max

3343 A

Normal

Ik1 max

1778 A

Normal

I max

0,62 %

Normal

TPEO- CAR

TPEO- CAR

SJB\_3

SJB\_3

C

2P2D

16 A

30 mA

C

2P2D

16 A

30 mA

C

2P2D

16 A

30 mA

C

2P2D

16 A

30 mA

L 1

L 1

L 1

L 1

CIRCUIT

Repère

TPEO- CARPC06

Désignation

SALLE DE CONSULTATION

Nb

Consommation

2

0,2kW

Alimentation

Normal

LIAISON

JdB Amont

SJB\_3

Type

U1000R2V (90°C)

Longueur

Ame

12 m

Cu

L.Max prot.

65 m (CC)

ΔU Circuit

ΔU Totale

0,17 %

0,80 %

Câble

3G2,5

Neutre

PE/PEN

Séparé

Taux d'Harmonique

PROT.

Protection

iC60 RCBO AC

Calibre

IΔn

16 A

30 mA

Ir

Im / Isd

153,6 A

Affectation des phases

1

1

1

1

BénieStructure

BUREAU ETUDE TECHNIQUE

01 Rue Mohammed VI - Agoré -

INHAÏE - CASABLANCA

Tel / Fax : 022455-31-69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPEO- CAR

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

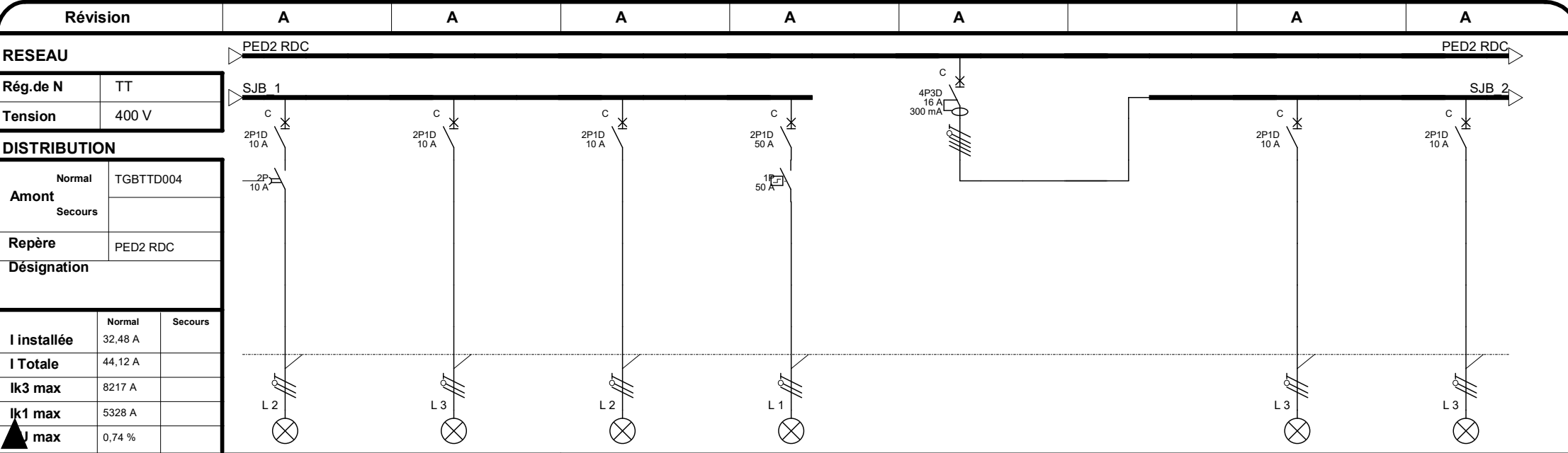
32

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

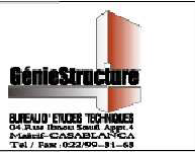
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©ALPI Caneco BT 5.80 Cracked by gta126







|                                                                                     |                        |                                   |           |         |                 |        |                 |        |                 |        |                 |        |                 |                   |                 |                        |                 |                                                                                       |  |
|-------------------------------------------------------------------------------------|------------------------|-----------------------------------|-----------|---------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|-------------------|-----------------|------------------------|-----------------|---------------------------------------------------------------------------------------|--|
| Révision                                                                            |                        | A                                 |           | A       |                 | A      |                 | A      |                 | A      |                 | A      |                 |                   |                 |                        |                 |                                                                                       |  |
| RESEAU                                                                              |                        | PED2 RDC                          |           |         |                 |        |                 |        |                 |        |                 |        |                 | PED2 RDC          |                 |                        |                 |                                                                                       |  |
| Rég.de N                                                                            |                        | TT                                |           |         |                 |        |                 |        |                 |        |                 |        |                 |                   |                 |                        |                 |                                                                                       |  |
| Tension                                                                             |                        | 400 V                             |           |         |                 |        |                 |        |                 |        |                 |        |                 |                   |                 |                        |                 |                                                                                       |  |
| DISTRIBUTION                                                                        |                        |                                   |           |         |                 |        |                 |        |                 |        |                 |        |                 |                   |                 |                        |                 |                                                                                       |  |
| Normal                                                                              |                        | TGBTDD004                         |           |         |                 |        |                 |        |                 |        |                 |        |                 |                   |                 |                        |                 |                                                                                       |  |
| Amont                                                                               |                        |                                   |           |         |                 |        |                 |        |                 |        |                 |        |                 |                   |                 |                        |                 |                                                                                       |  |
| Secours                                                                             |                        |                                   |           |         |                 |        |                 |        |                 |        |                 |        |                 |                   |                 |                        |                 |                                                                                       |  |
| Repère                                                                              |                        | PED2 RDC                          |           |         |                 |        |                 |        |                 |        |                 |        |                 |                   |                 |                        |                 |                                                                                       |  |
| Désignation                                                                         |                        |                                   |           |         |                 |        |                 |        |                 |        |                 |        |                 |                   |                 |                        |                 |                                                                                       |  |
| I installée                                                                         |                        | Normal                            |           | 32,48 A |                 |        |                 |        |                 |        |                 |        |                 |                   |                 | Secours                |                 |                                                                                       |  |
| I Totale                                                                            |                        |                                   |           | 44,12 A |                 |        |                 |        |                 |        |                 |        |                 |                   |                 |                        |                 |                                                                                       |  |
| Ik3 max                                                                             |                        |                                   |           | 8217 A  |                 |        |                 |        |                 |        |                 |        |                 |                   |                 |                        |                 |                                                                                       |  |
| Ik1 max                                                                             |                        |                                   |           | 5328 A  |                 |        |                 |        |                 |        |                 |        |                 |                   |                 |                        |                 |                                                                                       |  |
| J max                                                                               |                        |                                   |           | 0,74 %  |                 |        |                 |        |                 |        |                 |        |                 |                   |                 |                        |                 |                                                                                       |  |
| CIRCUIT                                                                             | Repère                 |                                   | SJB_4     |         | PED2 RDCPC008   |        | PED2 RDCPC009   |        | PED2 RDCPC010   |        | PED2 RDCPC011   |        | PED2 RDCPC012   |                   | PED2 RDCPC013   |                        | PED2 RDCPC014   |                                                                                       |  |
|                                                                                     | Désignation            |                                   |           |         | SALLE NUMERIQUE |        | SALLE NUMERIQUE |        | SALLE NUMERIQUE |        | SALLE NUMERIQUE |        | SALLE NUMERIQUE |                   | SALLE NUMERIQUE |                        | SALLE NUMERIQUE |                                                                                       |  |
|                                                                                     | Nb                     |                                   |           |         | 3               |        | 1               |        | 2               |        | 1               |        | 1               |                   | 1               |                        | 1               |                                                                                       |  |
|                                                                                     | Consommation           |                                   |           |         | 0,2kW           |        | 0,2kW           |        | 0,2kW           |        | 0,2kW           |        | 0,2kW           |                   | 0,2kW           |                        | 0,2kW           |                                                                                       |  |
| Alimentation                                                                        |                        |                                   |           | Normal  |                 | Normal |                 | Normal |                 | Normal |                 | Normal |                 | Normal            |                 | Normal                 |                 | Normal                                                                                |  |
| LIAISON                                                                             | JdB Amont              |                                   |           |         | SJB_4           |        | SJB_4           |        | SJB_4           |        | SJB_4           |        | SJB_4           |                   | SJB_4           |                        | SJB_4           |                                                                                       |  |
|                                                                                     | Type                   |                                   |           |         | U1000R2V (90°C) |        | U1000R2V (90°C) |        | U1000R2V (90°C) |        | U1000R2V (90°C) |        | U1000R2V (90°C) |                   | U1000R2V (90°C) |                        | U1000R2V (90°C) |                                                                                       |  |
|                                                                                     | Longueur               |                                   | Ame       |         | 0 m             |        | 12 m            |        | 12 m            |        | 12 m            |        | 12 m            |                   | 12 m            |                        | 12 m            |                                                                                       |  |
|                                                                                     | Cu                     |                                   |           |         | Cu              |        | Cu              |        | Cu              |        | Cu              |        | Cu              |                   | Cu              |                        | Cu              |                                                                                       |  |
|                                                                                     | L.Max prot.            |                                   |           |         | 69 m (CC)       |        | 69 m (CC)       |        | 69 m (CC)       |        | 69 m (CC)       |        | 69 m (CC)       |                   | 69 m (CC)       |                        | 69 m (CC)       |                                                                                       |  |
|                                                                                     | ΔU Circuit             |                                   | ΔU Totale |         | 0,26 %          |        | 0,09 %          |        | 0,17 %          |        | 0,09 %          |        | 0,09 %          |                   | 0,09 %          |                        | 0,09 %          |                                                                                       |  |
|                                                                                     | Câble                  |                                   |           |         | 3G2,5           |        | 3G2,5           |        | 3G2,5           |        | 3G2,5           |        | 3G2,5           |                   | 3G2,5           |                        | 3G2,5           |                                                                                       |  |
|                                                                                     | Neutre                 |                                   | Séparé    |         |                 |        |                 |        |                 |        |                 |        |                 |                   |                 |                        |                 |                                                                                       |  |
| PROT.                                                                               | Protection             |                                   |           |         | DT40            |        | DT40            |        | DT40            |        | DT40            |        | DT40            |                   | DT40            |                        | DT40            |                                                                                       |  |
|                                                                                     | Calibre                |                                   | IΔn       |         | 16 A            |        | 16 A            |        | 16 A            |        | 16 A            |        | 16 A            |                   | 16 A            |                        | 16 A            |                                                                                       |  |
|                                                                                     | Ir                     |                                   | Im / Isd  |         | 160 A           |        | 160 A           |        | 160 A           |        | 160 A           |        | 160 A           |                   | 160 A           |                        | 160 A           |                                                                                       |  |
|                                                                                     | Affectation des phases |                                   |           |         | 2               |        | 3               |        | 2               |        | 3               |        | 2               |                   | 2               |                        | 2               |                                                                                       |  |
|  |                        | SCHEMA UNIFILAIRE                 |           |         |                 |        |                 |        |                 |        |                 |        |                 |                   |                 | Avis Technique 15L-601 |                 |  |  |
|                                                                                     |                        | Unif.Chantier 8 circuits PED2 RDC |           |         |                 |        |                 |        |                 |        |                 |        |                 | A                 |                 | AFFAIRE:               |                 | Folio                                                                                 |  |
|                                                                                     |                        |                                   |           |         |                 |        |                 |        |                 |        |                 |        |                 | Ind.              |                 | MODIFICATIONS          |                 | 37                                                                                    |  |
|                                                                                     |                        |                                   |           |         |                 |        |                 |        |                 |        |                 |        |                 | Date : 28/05/2024 |                 | Norme : C1510015       |                 | 115                                                                                   |  |



Révision

A

A

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

TGBTTD004

Amont

Secours

Repère

PED2 RDC

Désignation

I installée

32,48 A

I Totale

44,12 A

Ik3 max

8217 A

Ik1 max

5328 A

I max

0,74 %

|                        |                   |              |                 |                 |                 |                 |                 |                 |                |
|------------------------|-------------------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| CIRCUIT                | Repère            | SJB_5        | PED2 RDCDIV005  | PED2 RDCDIV006  | PED2 RDCDIV007  | PED2 RDCDIV008  | PED2 RDCDIV009  | PED2 RDCD001    | PED2 RDCAS_004 |
|                        | Désignation       |              | CARIER CENTRE   | CARIER CENTRE   | CARIER CENTRE   | CARIER CENTRE   | CARIER CENTRE   |                 |                |
|                        | Nb                | Consommation | 0               | 1               | 1               | 1               | 1               | 1               | 0              |
|                        | Alimentation      |              | Normal          | Normal          | Normal          | Normal          | Normal          | Normal          |                |
| LIAISON                | JdB Amont         |              | SJB_5           | SJB_5           | SJB_5           | SJB_5           | SJB_5           |                 |                |
|                        | Type              |              | U1000R2V (90°C) | U1000R2V (90°C) | U1000R2V (90°C) | U1000R2V (90°C) | U1000R2V (90°C) | U1000R2V (90°C) |                |
|                        | Longueur          | Ame          | 0 m             | 12 m            | 12 m            | 12 m            | 12 m            | 12 m            | 0 m            |
|                        | L.Max prot.       |              | 69 m (CC)       | 69 m (CC)       | 69 m (CC)       | 69 m (CC)       | 69 m (CC)       | 26 m (CC)       |                |
|                        | ΔU Circuit        | ΔU Totale    |                 | 1,07 %          | 1,07 %          | 1,07 %          | 1,07 %          | 1,07 %          |                |
|                        | Câble             |              | 3G2,5           | 3G2,5           | 3G2,5           | 3G2,5           | 3G2,5           | 5G4             |                |
|                        | Neutre            | Séparé       |                 |                 |                 |                 |                 |                 |                |
|                        | PE/PEN            |              |                 |                 |                 |                 |                 |                 |                |
| PROT.                  | Taux d'Harmonique |              |                 |                 |                 |                 |                 | TH <= 15%       |                |
|                        | Protection        |              | DT40            | DT40            | DT40            | DT40            | DT40            | NSXmE           |                |
|                        | Calibre           | IΔn          |                 | 16 A            | 16 A            | 16 A            | 16 A            | 16 A            |                |
| Ir                     |                   | Im / Isd     |                 | 160 A           | 160 A           | 160 A           | 160 A           | 11,2 A          | 500 A          |
| Affectation des phases |                   |              | 1               | 1               | 1               | 1               | 1               | 123             |                |

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits PED2 RDC

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

39

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

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|                                                                                     |              |                                   |     |  |  |                  |  |                        |  |  |
|-------------------------------------------------------------------------------------|--------------|-----------------------------------|-----|--|--|------------------|--|------------------------|--|--|
| Révision                                                                            |              |                                   |     |  |  |                  |  |                        |  |  |
| RESEAU                                                                              |              | PED2 RDC                          |     |  |  |                  |  |                        |  |  |
| Rég.de N                                                                            | TT           |                                   |     |  |  |                  |  |                        |  |  |
| Tension                                                                             | 400 V        |                                   |     |  |  |                  |  |                        |  |  |
| DISTRIBUTION                                                                        |              |                                   |     |  |  |                  |  |                        |  |  |
| Amont                                                                               | Normal       | TGBTTD004                         |     |  |  |                  |  |                        |  |  |
|                                                                                     | Secours      |                                   |     |  |  |                  |  |                        |  |  |
| Repère                                                                              | PED2 RDC     |                                   |     |  |  |                  |  |                        |  |  |
| Désignation                                                                         |              |                                   |     |  |  |                  |  |                        |  |  |
| I installée                                                                         | Normal       | Secours                           |     |  |  |                  |  |                        |  |  |
| I Totale                                                                            | 32,48 A      |                                   |     |  |  |                  |  |                        |  |  |
| Ik3 max                                                                             | 44,12 A      |                                   |     |  |  |                  |  |                        |  |  |
| Ik1 max                                                                             | 8217 A       |                                   |     |  |  |                  |  |                        |  |  |
| I max                                                                               | 5328 A       |                                   |     |  |  |                  |  |                        |  |  |
|                                                                                     | 0,74 %       |                                   |     |  |  |                  |  |                        |  |  |
| CIRCUIT                                                                             | Repère       | PED2 RDCAS_005                    |     |  |  |                  |  |                        |  |  |
|                                                                                     | Désignation  |                                   |     |  |  |                  |  |                        |  |  |
|                                                                                     | Nb           | Consommation                      | 0   |  |  |                  |  |                        |  |  |
|                                                                                     | Alimentation |                                   |     |  |  |                  |  |                        |  |  |
| LIAISON                                                                             | JdB Amont    |                                   |     |  |  |                  |  |                        |  |  |
|                                                                                     | Type         |                                   |     |  |  |                  |  |                        |  |  |
|                                                                                     | Longueur     | Ame                               | 0 m |  |  |                  |  |                        |  |  |
|                                                                                     | L.Max prot.  |                                   |     |  |  |                  |  |                        |  |  |
|                                                                                     | ΔU Circuit   | ΔU Totale                         |     |  |  |                  |  |                        |  |  |
|                                                                                     | Câble        |                                   |     |  |  |                  |  |                        |  |  |
|                                                                                     | Neutre       | Séparé                            |     |  |  |                  |  |                        |  |  |
|                                                                                     | PE/PEN       |                                   |     |  |  |                  |  |                        |  |  |
| Taux d'Harmonique                                                                   |              |                                   |     |  |  |                  |  |                        |  |  |
| PROT.                                                                               | Protection   |                                   |     |  |  |                  |  |                        |  |  |
|                                                                                     | Calibre      | IΔn                               |     |  |  |                  |  |                        |  |  |
|                                                                                     | Ir           | Im / Isd                          |     |  |  |                  |  |                        |  |  |
| Affectation des phases                                                              |              |                                   |     |  |  |                  |  |                        |  |  |
|  |              | SCHEMA UNIFILAIRE                 |     |  |  |                  |  | Avis Technique 15L-601 |  |  |
|                                                                                     |              | Unif.Chantier 8 circuits PED2 RDC |     |  |  | A                |  | AFFAIRE:               |  |  |
|                                                                                     |              |                                   |     |  |  | Ind.             |  | MODIFICATIONS          |  |  |
|                                                                                     |              | Date : 28/05/2024                 |     |  |  | Norme : C1510015 |  | PLAN:                  |  |  |
|                                                                                     |              |                                   |     |  |  |                  |  | Folio 40 / 115         |  |  |

Révision

A

A

A

A

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

PED2 RDCTD001

Amont

Secours

Repère

TPEO PED2 RDC

Désignation

I installée

Normal

5,41 A

Secours

I Totale

6,78 A

Ik3 max

3097 A

Ik1 max

1636 A

I max

0,87 %

TPEO PED2 RDC

4P

250 A

TT

400 V

C

4P4D

16 A

30 mA

D

2P2D

16 A

30 mA

C

2P2D

16 A

30 mA

C

2P2D

16 A

30 mA

D

2P2D

16 A

30 mA

C

2P2D

16 A

30 mA

SJB 4

4

L 1

L 2

L 3

L 1

L 2

CIRCUIT

Repère

PED2 RDCTD001

TPEO PED2SJB001

SJB\_4

TPEO PED2 PC001

TPEO PED2 PC002

TPEO PED2 PC003

TPEO PED2 PC004

TPEO PED2 PC005

Désignation

SALLE ENTREPRENARIAT

SALLE ENTREPRENARIAT

SALLE ENTREPRENARIAT

SALLE ENTREPRENARIAT

SALLE ENTREPRENARIAT

Nb

Consommation

1

3kW

1

1kW

0

2

0,2kW

2

0,2kW

2

0,2kW

2

0,2kW

2

0,2kW

Alimentation

Normal

Normal

Normal

Normal

Normal

Normal

Normal

Normal

LIAISON

JdB Amont

Type

U1000R2V (90°C)

Longueur

Ame

12 m

Cu

L.Max prot.

26 m (CC)

ΔU Circuit

ΔU Totale

0,13 %

0,87 %

0 %

0,87 %

0,17 %

1,04 %

0,17 %

1,04 %

0,17 %

1,04 %

0,17 %

1,04 %

Câble

5G4

3G2,5

3G2,5

3G2,5

3G2,5

3G2,5

Neutre

Séparé

Taux d'Harmonique

TH <= 15%

TH <= 15%

PROT.

Protection

NSX250NA

Vigi MH

iC60 RCBO AC

iC60N

iC60N

Type AC

iC60 RCBO AC

iC60N

iC60N

Type AC

Calibre

IΔn

250 A

500 mA

16 A

30 mA

16 A

30 mA

16 A

30 mA

16 A

30 mA

16 A

30 mA

Ir

Im / Isd

153,6 A

230,4 A

153,6 A

153,6 A

230,4 A

153,6 A

Affectation des phases

123

123

1

2

3

1

2

Logo

GENIESTRUCTURE

BUREAU ETUDES TECHNIQUES

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ANASSER-CASABLANCA

Tel / Fax : 022 65 91 69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPEO PED2 RDC

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

41

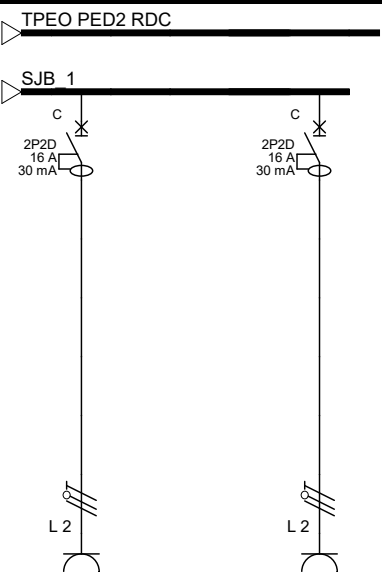
115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

©ALPI Caneco BT 5.80 Cracked by gta126

©ALPI Caneco BT 5.80 Cracked by gta126

|                                                                                     |               |                                        |        |                 |        |                   |  |                        |  |  |  |
|-------------------------------------------------------------------------------------|---------------|----------------------------------------|--------|-----------------|--------|-------------------|--|------------------------|--|--|--|
| Révision                                                                            |               | A                                      |        | A               |        |                   |  |                        |  |  |  |
| RESEAU                                                                              |               | TPEO PED2 RDC                          |        |                 |        |                   |  |                        |  |  |  |
| Rég.de N                                                                            | TT            |                                        |        |                 |        |                   |  |                        |  |  |  |
| Tension                                                                             | 400 V         |                                        |        |                 |        |                   |  |                        |  |  |  |
| DISTRIBUTION                                                                        |               |                                        |        |                 |        |                   |  |                        |  |  |  |
| Normal                                                                              | PED2 RDCTD001 |                                        |        |                 |        |                   |  |                        |  |  |  |
| Amont                                                                               |               |                                        |        |                 |        |                   |  |                        |  |  |  |
| Secours                                                                             |               |                                        |        |                 |        |                   |  |                        |  |  |  |
| Repère                                                                              | TPEO PED2 RDC |                                        |        |                 |        |                   |  |                        |  |  |  |
| Désignation                                                                         |               |                                        |        |                 |        |                   |  |                        |  |  |  |
| I installée                                                                         | Normal        | 5,41 A                                 |        |                 |        |                   |  |                        |  |  |  |
| I Totale                                                                            | 6,78 A        |                                        |        |                 |        |                   |  |                        |  |  |  |
| Ik3 max                                                                             | 3097 A        |                                        |        |                 |        |                   |  |                        |  |  |  |
| Ik1 max                                                                             | 1636 A        |                                        |        |                 |        |                   |  |                        |  |  |  |
| I max                                                                               | 0,87 %        |                                        |        |                 |        |                   |  |                        |  |  |  |
| CIRCUIT                                                                             | Repère        | TPEO PED2 PC012                        |        | TPEO PED2 PC013 |        |                   |  |                        |  |  |  |
|                                                                                     |               | SALLE NUMERIQUE                        |        | SALLE NUMERIQUE |        |                   |  |                        |  |  |  |
|                                                                                     | Désignation   |                                        |        |                 |        |                   |  |                        |  |  |  |
|                                                                                     | Nb            | Consommation                           | 2      | 0,2kW           | 2      | 0,2kW             |  |                        |  |  |  |
|                                                                                     | Alimentation  | Normal                                 |        | Normal          |        |                   |  |                        |  |  |  |
| LIAISON                                                                             | JdB Amont     | SJB_1                                  |        | SJB_1           |        |                   |  |                        |  |  |  |
|                                                                                     | Type          | U1000R2V (90°C)                        |        | U1000R2V (90°C) |        |                   |  |                        |  |  |  |
|                                                                                     | Longueur      | Ame                                    | 12 m   | Cu              | 12 m   | Cu                |  |                        |  |  |  |
|                                                                                     | L.Max prot.   | 65 m (CC)                              |        | 65 m (CC)       |        |                   |  |                        |  |  |  |
|                                                                                     | ΔU Circuit    | ΔU Totale                              | 0,17 % | 1,04 %          | 0,17 % | 1,04 %            |  |                        |  |  |  |
|                                                                                     | Câble         | 3G2,5                                  |        | 3G2,5           |        |                   |  |                        |  |  |  |
|                                                                                     | Neutre        | Séparé                                 |        |                 |        |                   |  |                        |  |  |  |
|                                                                                     | PE/PEN        |                                        |        |                 |        |                   |  |                        |  |  |  |
| PROT.                                                                               | Protection    | iC60N                                  |        | iC60N           |        |                   |  |                        |  |  |  |
|                                                                                     | Calibre       | IΔn                                    | 16 A   | 30 mA           | 16 A   | 30 mA             |  |                        |  |  |  |
|                                                                                     | Ir            | Im / Isd                               |        | 153,6 A         |        | 153,6 A           |  |                        |  |  |  |
| Affectation des phases                                                              |               | 2                                      |        | 2               |        |                   |  |                        |  |  |  |
|  |               | SCHEMA UNIFILAIRE                      |        |                 |        |                   |  | Avis Technique 15L-601 |  |  |  |
|                                                                                     |               | Unif.Chantier 8 circuits TPEO PED2 RDC |        |                 |        |                   |  | AFFAIRE:               |  |  |  |
|                                                                                     |               |                                        |        |                 |        | A                 |  | PLAN:                  |  |  |  |
|                                                                                     |               |                                        |        |                 |        | Ind.              |  | MODIFICATIONS          |  |  |  |
|                                                                                     |               |                                        |        |                 |        | Date : 28/05/2024 |  | Norme : C1510015       |  |  |  |





Révision

A

A

A

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

TABLEAU

Amont

GETD005

Secours

Repère

TPE AT. MTA

Désignation

I installée

Normal

32,48 A

Secours

I Totale

14,73 A

Ik3 max

8217 A

Ik1 max

5328 A

I max

0,74 %

TPE AT. MTA

SJB\_2

C

2P1D

16 A

L 1

C

2P1D

16 A

L 2

C

2P1D

16 A

L 3

C

2P1D

16 A

L 1

C

2P1D

16 A

L 2

C

2P1D

16 A

L 3

C

2P1D

16 A

4P3D

16 A

30 mA

TPE AT. MTA

CIRCUIT

Repère

Désignation

Nb

Consommation

Alimentation

LIAISON

JdB Amont

Type

Longueur

Ame

L.Max prot.

ΔU Circuit

ΔU Totale

Câble

Neutre

PE/PEN

Séparé

Taux d'Harmonique

PROT.

Protection

Calibre

IΔn

Ir

Im / Isd

TPE AT.MTAPC002

ATELIER MECANIQUE  
TRANSMISSION  
AUTOMOBILE

4

0,2kW

Normal

SJB\_2

U1000R2V (90°C)

12 m

Cu

69 m (CC)

0,34 %

1,08 %

3G2,5

DT40

16 A

160 A

1

TPE AT.MTAPC003

ATELIER MECANIQUE  
TRANSMISSION  
AUTOMOBILE

4

0,2kW

Normal

SJB\_2

U1000R2V (90°C)

12 m

Cu

69 m (CC)

0,34 %

1,08 %

3G2,5

DT40

16 A

160 A

2

TPE AT.MTAPC004

ATELIER MECANIQUE  
TRANSMISSION  
AUTOMOBILE

4

0,2kW

Normal

SJB\_2

U1000R2V (90°C)

12 m

Cu

69 m (CC)

0,34 %

1,08 %

3G2,5

DT40

16 A

160 A

3

TPE AT.MTAPC005

ATELIER MECANIQUE  
TRANSMISSION  
AUTOMOBILE

4

0,2kW

Normal

SJB\_2

U1000R2V (90°C)

12 m

Cu

69 m (CC)

0,34 %

1,08 %

3G2,5

DT40

16 A

160 A

1

TPE AT.MTAPC006

ATELIER MECANIQUE  
TRANSMISSION  
AUTOMOBILE

4

0,2kW

Normal

SJB\_2

U1000R2V (90°C)

12 m

Cu

69 m (CC)

0,34 %

1,08 %

3G2,5

DT40

16 A

160 A

2

TPE AT.MTAPC007

ATELIER MECANIQUE  
TRANSMISSION  
AUTOMOBILE

4

0,2kW

Normal

SJB\_2

U1000R2V (90°C)

12 m

Cu

69 m (CC)

0,34 %

1,08 %

3G2,5

DT40

16 A

160 A

3

TPE AT.MTSJB002

1

2,5kW

Normal

TH <= 15%

DT40N

Type AC

16 A

30 mA

160 A

123

SJB\_3

0

BénieStructure

BUREAU ETUDES TECHNIQUES

01 Rue Mohammed VI, Aggr. 4

INSAF-CASABLANCA

Tel / Fax : 02255-311-69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE AT. MTA

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

45

115

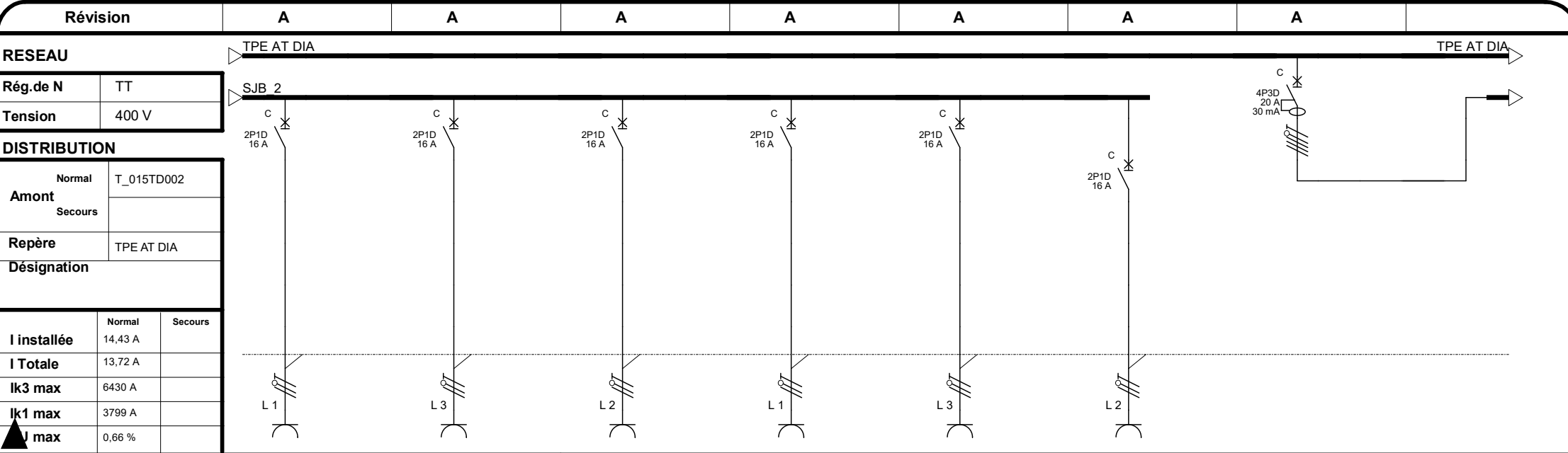
Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

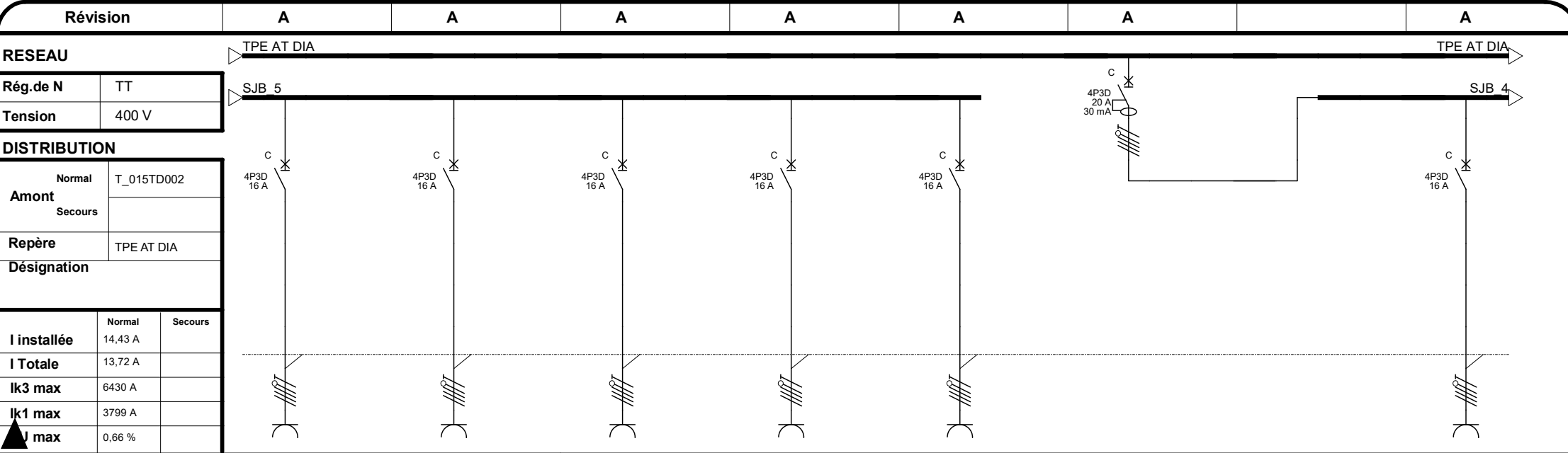
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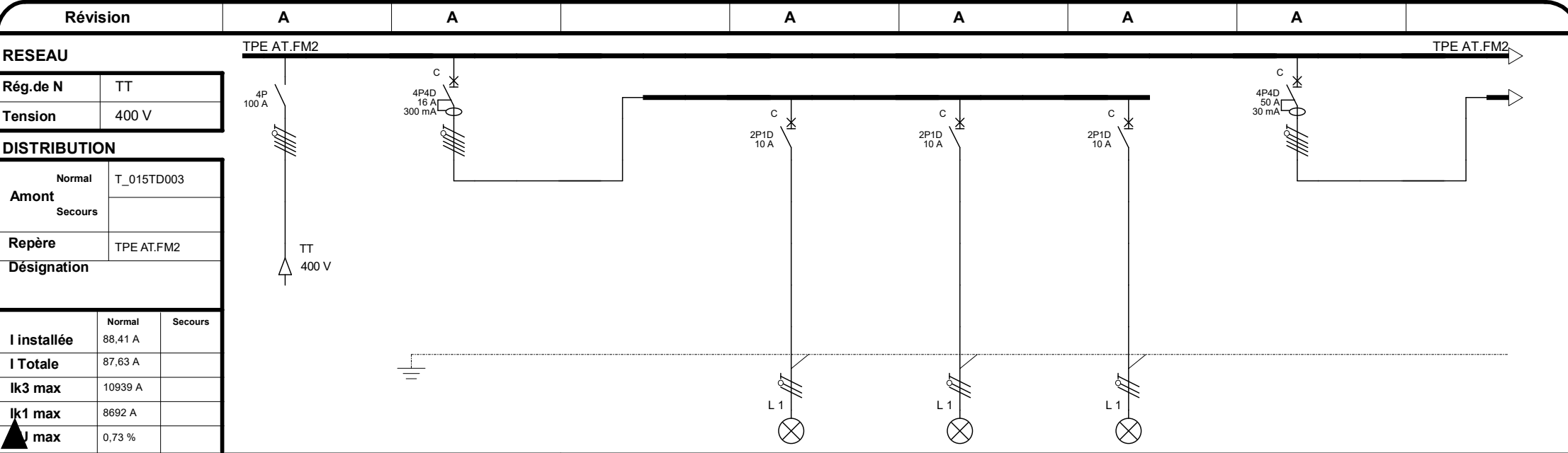








|                                                                                     |              |                                     |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
|-------------------------------------------------------------------------------------|--------------|-------------------------------------|-------------------------------------------|---------|--------|-----|-------------------------------------------|--|--------|-----|-------------------------------------------|--|--------|--|--------|---------|--|------------------------|--|--|--|---------------------------------------------------------------------------------------|--|--|--|-------|--|--|--|----------|--|--|--|
| Révision                                                                            |              | A                                   |                                           | A       |        | A   |                                           |  |        |     |                                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| RESEAU                                                                              |              | TPE AT DIA                          |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| Rég.de N                                                                            |              | TT                                  |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| Tension                                                                             |              | 400 V                               |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| DISTRIBUTION                                                                        |              |                                     |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| Normal                                                                              |              | T_015TD002                          |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| Amont                                                                               |              |                                     |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| Secours                                                                             |              |                                     |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| Repère                                                                              |              | TPE AT DIA                          |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| Désignation                                                                         |              |                                     |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| I installée                                                                         |              | Normal                              |                                           | 14,43 A |        |     |                                           |  |        |     |                                           |  |        |  |        | Secours |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| I Totale                                                                            |              | Normal                              |                                           | 13,72 A |        |     |                                           |  |        |     |                                           |  |        |  |        | Secours |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| Ik3 max                                                                             |              | Normal                              |                                           | 6430 A  |        |     |                                           |  |        |     |                                           |  |        |  |        | Secours |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| Ik1 max                                                                             |              | Normal                              |                                           | 3799 A  |        |     |                                           |  |        |     |                                           |  |        |  |        | Secours |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| J max                                                                               |              | Normal                              |                                           | 0,66 %  |        |     |                                           |  |        |     |                                           |  |        |  |        | Secours |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| CIRCUIT                                                                             | Repère       |                                     | TPE AT DIAPC014                           |         |        |     | TPE AT DIAPC015                           |  |        |     | TPE AT DIAPC016                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
|                                                                                     | Désignation  |                                     | ATELIER MECANIQUE TRANSMISSION AUTOMOBILE |         |        |     | ATELIER MECANIQUE TRANSMISSION AUTOMOBILE |  |        |     | ATELIER MECANIQUE TRANSMISSION AUTOMOBILE |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
|                                                                                     | Nb           |                                     | Consommation                              |         | 1      |     | 1kW                                       |  | 1      |     | 1kW                                       |  | 1      |  | 1kW    |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
|                                                                                     | Alimentation |                                     | Normal                                    |         |        |     | Normal                                    |  |        |     | Normal                                    |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| LIAISON                                                                             | JdB Amont    |                                     | SJB_4                                     |         |        |     | SJB_4                                     |  |        |     | SJB_4                                     |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
|                                                                                     | Type         |                                     | U1000R2V (90°C)                           |         |        |     | U1000R2V (90°C)                           |  |        |     | U1000R2V (90°C)                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
|                                                                                     | Longueur     |                                     | Ame                                       |         | 12 m   |     | Cu                                        |  | 12 m   |     | Cu                                        |  | 12 m   |  | Cu     |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
|                                                                                     | L.Max prot.  |                                     | 68 m (CC)                                 |         |        |     | 68 m (CC)                                 |  |        |     | 68 m (CC)                                 |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
|                                                                                     | ΔU Circuit   |                                     | ΔU Totale                                 |         | 0,07 % |     | 0,73 %                                    |  | 0,07 % |     | 0,73 %                                    |  | 0,07 % |  | 0,73 % |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
|                                                                                     | Câble        |                                     | 5G2,5                                     |         |        |     | 5G2,5                                     |  |        |     | 5G2,5                                     |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
|                                                                                     | Neutre       |                                     | Séparé                                    |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
|                                                                                     | PE/PEN       |                                     |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| PROT.                                                                               | Protection   |                                     | DT40                                      |         |        |     | DT40                                      |  |        |     | DT40                                      |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
|                                                                                     | Calibre      |                                     | IΔn                                       |         | 16 A   |     | 16 A                                      |  | 16 A   |     | 16 A                                      |  | 16 A   |  | 16 A   |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
|                                                                                     | Ir           |                                     | Im / Isd                                  |         | 160 A  |     | 160 A                                     |  | 160 A  |     | 160 A                                     |  | 160 A  |  | 160 A  |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
| Affectation des phases                                                              |              | 123                                 |                                           |         |        | 123 |                                           |  |        | 123 |                                           |  |        |  |        |         |  |                        |  |  |  |                                                                                       |  |  |  |       |  |  |  |          |  |  |  |
|  |              | SCHEMA UNIFILAIRE                   |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  | Avis Technique 15L-601 |  |  |  |  |  |  |  |       |  |  |  |          |  |  |  |
|                                                                                     |              | Unif.Chantier 8 circuits TPE AT DIA |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  | A                      |  |  |  | AFFAIRE:                                                                              |  |  |  | Folio |  |  |  |          |  |  |  |
|                                                                                     |              |                                     |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  | Ind.                   |  |  |  | MODIFICATIONS                                                                         |  |  |  | PLAN: |  |  |  | 51 / 115 |  |  |  |
|                                                                                     |              |                                     |                                           |         |        |     |                                           |  |        |     |                                           |  |        |  |        |         |  | Date : 28/05/2024      |  |  |  | Norme : C1510015                                                                      |  |  |  |       |  |  |  |          |  |  |  |

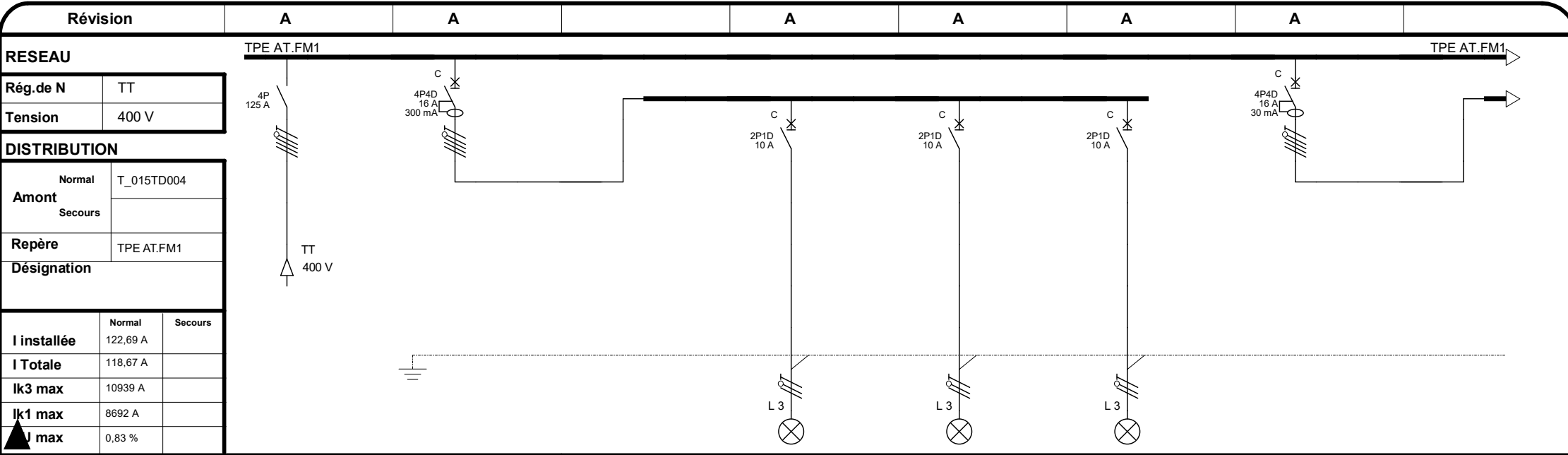


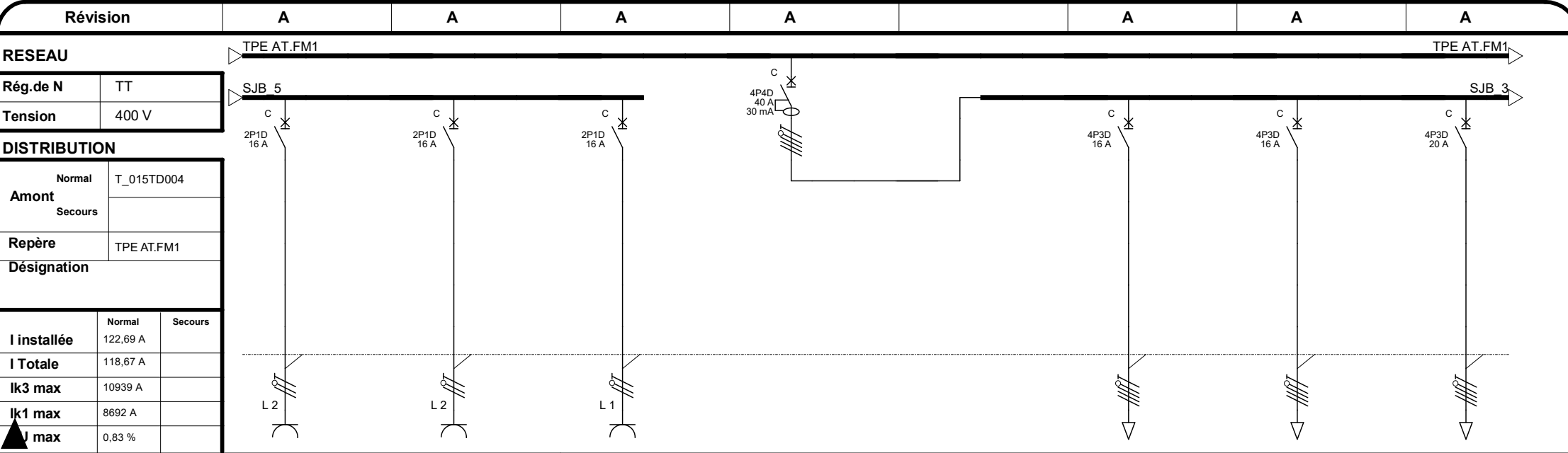
| Révision                                                                            |              |              | A                                   |           | A                             |           | A                             |                   | A                             |           | A                             |           | A                             |           | A                             |            |                 |                                                                                       |  |
|-------------------------------------------------------------------------------------|--------------|--------------|-------------------------------------|-----------|-------------------------------|-----------|-------------------------------|-------------------|-------------------------------|-----------|-------------------------------|-----------|-------------------------------|-----------|-------------------------------|------------|-----------------|---------------------------------------------------------------------------------------|--|
| RESEAU                                                                              |              |              | TPE AT.FM2                          |           |                               |           |                               |                   |                               |           |                               |           |                               |           |                               | TPE AT.FM2 |                 |                                                                                       |  |
| Rég.de N                                                                            |              | TT           |                                     |           |                               |           |                               |                   |                               |           |                               |           |                               |           |                               |            |                 |                                                                                       |  |
| Tension                                                                             |              | 400 V        |                                     |           |                               |           |                               |                   |                               |           |                               |           |                               |           |                               |            |                 |                                                                                       |  |
| DISTRIBUTION                                                                        |              |              |                                     |           |                               |           |                               |                   |                               |           |                               |           |                               |           |                               |            |                 |                                                                                       |  |
| Normal                                                                              |              | T_015TD003   |                                     |           |                               |           |                               |                   |                               |           |                               |           |                               |           |                               |            |                 |                                                                                       |  |
| Amont                                                                               |              |              |                                     |           |                               |           |                               |                   |                               |           |                               |           |                               |           |                               |            |                 |                                                                                       |  |
| Secours                                                                             |              |              |                                     |           |                               |           |                               |                   |                               |           |                               |           |                               |           |                               |            |                 |                                                                                       |  |
| Repère                                                                              |              | TPE AT.FM2   |                                     |           |                               |           |                               |                   |                               |           |                               |           |                               |           |                               |            |                 |                                                                                       |  |
| Désignation                                                                         |              |              |                                     |           |                               |           |                               |                   |                               |           |                               |           |                               |           |                               |            |                 |                                                                                       |  |
| I installée                                                                         |              | Normal       |                                     | 88,41 A   |                               |           |                               |                   |                               |           |                               |           |                               |           |                               | Secours    |                 |                                                                                       |  |
| I Totale                                                                            |              |              |                                     | 87,63 A   |                               |           |                               |                   |                               |           |                               |           |                               |           |                               |            |                 |                                                                                       |  |
| Ik3 max                                                                             |              |              |                                     | 10939 A   |                               |           |                               |                   |                               |           |                               |           |                               |           |                               |            |                 |                                                                                       |  |
| Ik1 max                                                                             |              |              |                                     | 8692 A    |                               |           |                               |                   |                               |           |                               |           |                               |           |                               |            |                 |                                                                                       |  |
| I max                                                                               |              |              |                                     | 0,73 %    |                               |           |                               |                   |                               |           |                               |           |                               |           |                               |            |                 |                                                                                       |  |
| CIRCUIT                                                                             | Repère       |              | TPE AT.FMDIV001                     |           | TPE AT.FMDIV002               |           | TPE AT.FMDIV003               |                   | TPE AT.FMDIV004               |           | TPE AT.FMDIV005               |           | TPE AT.FMDIV006               |           | TPE AT.FMDIV007               |            | TPE AT.FMSJB001 |                                                                                       |  |
|                                                                                     | Désignation  |              | ATELIER FABRICATION MECANIQUE       |           | ATELIER FABRICATION MECANIQUE |           | ATELIER FABRICATION MECANIQUE |                   | ATELIER FABRICATION MECANIQUE |           | ATELIER FABRICATION MECANIQUE |           | ATELIER FABRICATION MECANIQUE |           | ATELIER FABRICATION MECANIQUE |            |                 |                                                                                       |  |
|                                                                                     | Nb           | Consommation | 1                                   | 1,4kW     | 1                             | 2kW       | 1                             | 10kW              | 1                             | 10kW      | 1                             | 10kW      | 1                             | 10kW      | 1                             | 10kW       | 1               | 5kW                                                                                   |  |
|                                                                                     | Alimentation |              | Normal                              |           | Normal                        |           | Normal                        |                   | Normal                        |           | Normal                        |           | Normal                        |           | Normal                        |            | Normal          |                                                                                       |  |
| LIAISON                                                                             | JdB Amont    |              | SJB_3                               |           | SJB_3                         |           | SJB_3                         |                   | SJB_3                         |           | SJB_3                         |           | SJB_3                         |           | SJB_3                         |            |                 |                                                                                       |  |
|                                                                                     | Type         |              | U1000R2V (90°C)                     |           | U1000R2V (90°C)               |           | U1000R2V (90°C)               |                   | U1000R2V (90°C)               |           | U1000R2V (90°C)               |           | U1000R2V (90°C)               |           | U1000R2V (90°C)               |            |                 |                                                                                       |  |
|                                                                                     | Longueur     | Ame          | 14 m                                | Cu        | 14 m                          | Cu        | 14 m                          | Cu                | 14 m                          | Cu        | 14 m                          | Cu        | 14 m                          | Cu        | 14 m                          | Cu         |                 |                                                                                       |  |
|                                                                                     | L.Max prot.  |              | 71 m (CC)                           |           | 71 m (CC)                     |           | 226 m (CC)                    |                   | 226 m (CC)                    |           | 226 m (CC)                    |           | 226 m (CC)                    |           | 226 m (CC)                    |            |                 |                                                                                       |  |
|                                                                                     | ΔU Circuit   | ΔU Totale    | 0,12 %                              | 0,85 %    | 0,17 %                        | 0,90 %    | 0,21 %                        | 0,95 %            | 0,21 %                        | 0,95 %    | 0,21 %                        | 0,95 %    | 0,21 %                        | 0,95 %    | 0,21 %                        | 0,95 %     | 0 %             | 0,73 %                                                                                |  |
|                                                                                     | Câble        |              | 5G2,5                               |           | 5G2,5                         |           | 5G10                          |                   | 5G10                          |           | 5G10                          |           | 5G10                          |           | 5G10                          |            |                 |                                                                                       |  |
|                                                                                     | Neutre       | Séparé       |                                     |           |                               |           |                               |                   |                               |           |                               |           |                               |           |                               |            |                 |                                                                                       |  |
|                                                                                     | PE/PEN       |              |                                     |           |                               |           |                               |                   |                               |           |                               |           |                               |           |                               |            |                 |                                                                                       |  |
| Taux d'Harmonique                                                                   |              | TH <= 15%    |                                     | TH <= 15% |                               | TH <= 15% |                               | TH <= 15%         |                               | TH <= 15% |                               | TH <= 15% |                               | TH <= 15% |                               | TH <= 15%  |                 |                                                                                       |  |
| PROT.                                                                               | Protection   |              | DT40N                               |           | DT40N                         |           | DT40N                         |                   | DT40N                         |           | DT40N                         |           | DT40N                         |           | DT40N                         |            | iC60H Type AC   |                                                                                       |  |
|                                                                                     | Calibre      | IΔn          | 16 A                                |           | 16 A                          |           | 20 A                          |                   | 20 A                          |           | 20 A                          |           | 20 A                          |           | 20 A                          |            | 16 A            | 30 mA                                                                                 |  |
|                                                                                     | Ir           | Im / Isd     |                                     | 160 A     |                               | 160 A     |                               | 200 A             |                               | 200 A     |                               | 200 A     |                               | 200 A     |                               | 200 A      |                 | 153,6 A                                                                               |  |
| Affectation des phases                                                              |              |              | 123                                 |           | 123                           |           | 123                           |                   | 123                           |           | 123                           |           | 123                           |           | 123                           |            | 123             |                                                                                       |  |
|  |              |              | SCHEMA UNIFILAIRE                   |           |                               |           |                               |                   |                               |           |                               |           | Avis Technique 15L-601        |           |                               |            |                 |  |  |
|                                                                                     |              |              | Unif.Chantier 8 circuits TPE AT.FM2 |           |                               |           |                               |                   |                               |           |                               |           | AFFAIRE:                      |           |                               |            |                 | Folio                                                                                 |  |
|                                                                                     |              |              |                                     |           |                               |           |                               | MODIFICATIONS     |                               |           |                               |           | PLAN:                         |           |                               |            |                 | 53                                                                                    |  |
|                                                                                     |              |              |                                     |           |                               |           |                               | Date : 28/05/2024 |                               |           |                               |           | Norme : C1510015              |           |                               |            |                 | 115                                                                                   |  |

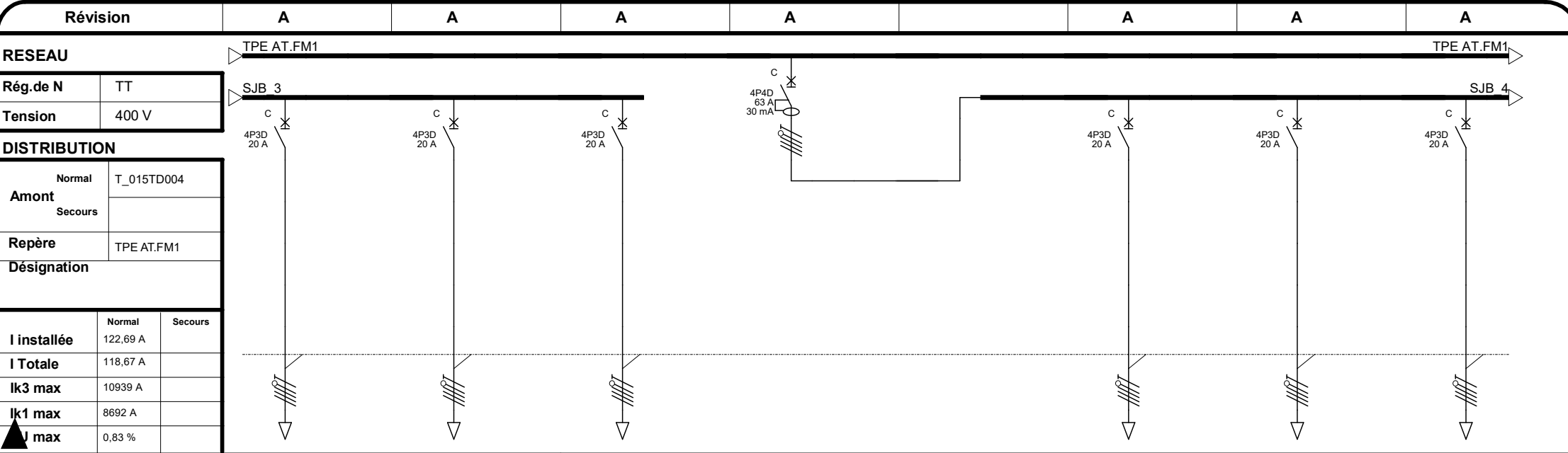




|                                                                                                |              |                                     |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
|------------------------------------------------------------------------------------------------|--------------|-------------------------------------|-------------------------------------|-------------------------------------------------------------------------------|--|-------------------|--|------------------------|--|--|--|---------|--|
| Révision                                                                                       |              | A                                   |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
| RESEAU                                                                                         |              |                                     |                                     | TPE AT.FM2                                                                    |  |                   |  |                        |  |  |  |         |  |
| Rég.de N                                                                                       |              | TT                                  |                                     | <div><div>SJB_5</div><div>C</div><div>2P1D<br/>16 A</div><div>L 2</div></div> |  |                   |  |                        |  |  |  |         |  |
| Tension                                                                                        |              | 400 V                               |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
| DISTRIBUTION                                                                                   |              |                                     |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
| Normal                                                                                         |              | T_015TD003                          |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
| Amont                                                                                          |              |                                     |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
| Secours                                                                                        |              |                                     |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
| Repère                                                                                         |              | TPE AT.FM2                          |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
| Désignation                                                                                    |              |                                     |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
| I installée                                                                                    |              | Normal<br>88,41 A                   |                                     |                                                                               |  |                   |  |                        |  |  |  | Secours |  |
| I Totale                                                                                       |              | 87,63 A                             |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
| Ik3 max                                                                                        |              | 10939 A                             |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
| Ik1 max                                                                                        |              | 8692 A                              |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
| I max                                                                                          |              | 0,73 %                              |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
| CIRCUIT                                                                                        | Repère       |                                     | TPE AT.FM2PC002                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
|                                                                                                | Désignation  |                                     | ATELIER<br>FABRICATION<br>MECANIQUE |                                                                               |  |                   |  |                        |  |  |  |         |  |
|                                                                                                | Nb           | Consommation                        | 4                                   | 200W                                                                          |  |                   |  |                        |  |  |  |         |  |
|                                                                                                | Alimentation |                                     | Normal                              |                                                                               |  |                   |  |                        |  |  |  |         |  |
| LIAISON                                                                                        | JdB Amont    |                                     | SJB_5                               |                                                                               |  |                   |  |                        |  |  |  |         |  |
|                                                                                                | Type         |                                     | U1000R2V (90°C)                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
|                                                                                                | Longueur     | Ame                                 | 14 m                                | Cu                                                                            |  |                   |  |                        |  |  |  |         |  |
|                                                                                                | L.Max prot.  |                                     | 71 m (CC)                           |                                                                               |  |                   |  |                        |  |  |  |         |  |
|                                                                                                | ΔU Circuit   | ΔU Totale                           | 0,4 %                               | 1,13 %                                                                        |  |                   |  |                        |  |  |  |         |  |
|                                                                                                | Câble        |                                     | 3G2,5                               |                                                                               |  |                   |  |                        |  |  |  |         |  |
|                                                                                                | Neutre       | Séparé                              |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
|                                                                                                | PE/PEN       |                                     |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
| PROT.                                                                                          | Protection   |                                     | DT40                                |                                                                               |  |                   |  |                        |  |  |  |         |  |
|                                                                                                | Calibre      | IΔn                                 | 16 A                                |                                                                               |  |                   |  |                        |  |  |  |         |  |
|                                                                                                | Ir           | Im / Isd                            |                                     | 160 A                                                                         |  |                   |  |                        |  |  |  |         |  |
| Affectation des phases                                                                         |              | 2                                   |                                     |                                                                               |  |                   |  |                        |  |  |  |         |  |
| <div></div> |              | SCHEMA UNIFILAIRE                   |                                     |                                                                               |  |                   |  | Avis Technique 15L-601 |  |  |  |         |  |
|                                                                                                |              | Unif.Chantier 8 circuits TPE AT.FM2 |                                     |                                                                               |  | A                 |  | AFFAIRE:               |  |  |  |         |  |
|                                                                                                |              |                                     |                                     |                                                                               |  | Ind.              |  | MODIFICATIONS          |  |  |  |         |  |
|                                                                                                |              |                                     |                                     |                                                                               |  | Date : 28/05/2024 |  | Norme : C1510015       |  |  |  |         |  |
|                                                                                                |              |                                     |                                     |                                                                               |  |                   |  | PLAN:                  |  |  |  |         |  |
|                                                                                                |              |                                     |                                     |                                                                               |  |                   |  | Folio 56 / 115         |  |  |  |         |  |

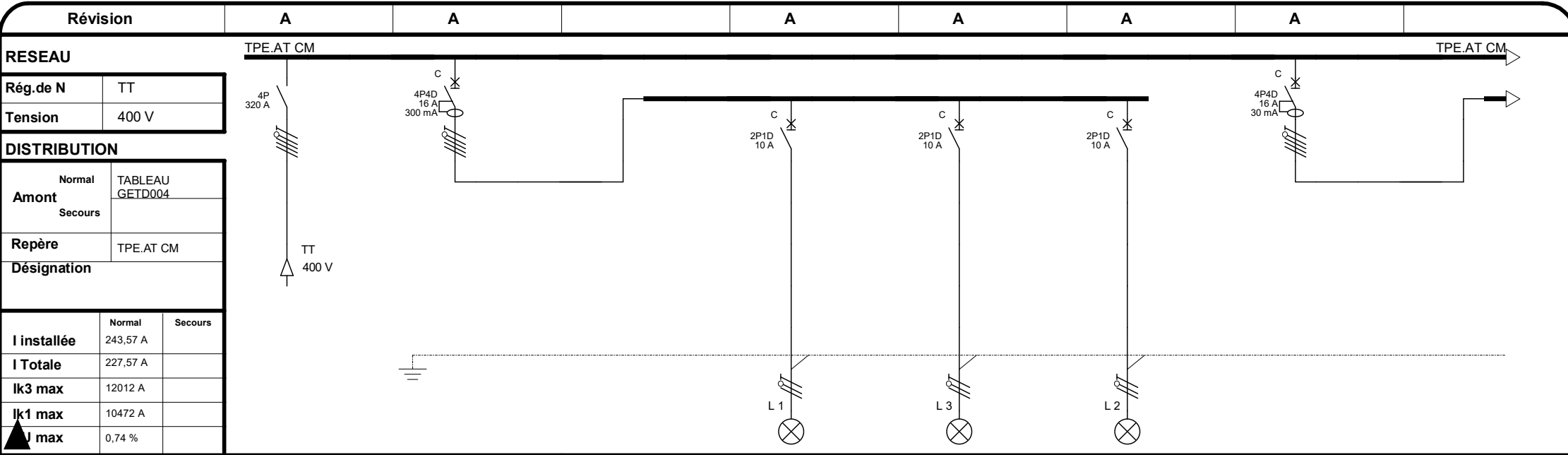








|                                                                                     |              |                                     |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
|-------------------------------------------------------------------------------------|--------------|-------------------------------------|-------------------------------------|-----------|-------------------------------------|-----------|-------------------------------------|-------------------|--|--|--|------------------------|--|--|--|--|
| Révision                                                                            |              | A                                   |                                     | A         |                                     | A         |                                     |                   |  |  |  |                        |  |  |  |  |
| RESEAU                                                                              |              | TPE AT.FM1                          |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| Rég.de N                                                                            |              | TT                                  |                                     | SJB_2     |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| Tension                                                                             |              | 400 V                               |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| DISTRIBUTION                                                                        |              |                                     |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| Normal                                                                              |              | T_015TD004                          |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| Amont                                                                               |              |                                     |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| Secours                                                                             |              |                                     |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| Repère                                                                              |              | TPE AT.FM1                          |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| Désignation                                                                         |              |                                     |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| I installée                                                                         |              | Normal<br>122,69 A                  |                                     | Secours   |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| I Totale                                                                            |              | 118,67 A                            |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| Ik3 max                                                                             |              | 10939 A                             |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| Ik1 max                                                                             |              | 8692 A                              |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| J max                                                                               |              | 0,83 %                              |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| CIRCUIT                                                                             | Repère       |                                     | TPE AT.FMDIV-16                     |           | TPE AT.FMDIV-17                     |           | TPE AT.FMDIV018                     |                   |  |  |  |                        |  |  |  |  |
|                                                                                     | Désignation  |                                     | ATELIER<br>FABRICATION<br>MECANIQUE |           | ATELIER<br>FABRICATION<br>MECANIQUE |           | ATELIER<br>FABRICATION<br>MECANIQUE |                   |  |  |  |                        |  |  |  |  |
|                                                                                     | Nb           | Consommation                        | 1                                   | 2,5kW     | 1                                   | 1,4kW     | 1                                   | 25kW              |  |  |  |                        |  |  |  |  |
|                                                                                     | Alimentation |                                     | Normal                              |           | Normal                              |           | Normal                              |                   |  |  |  |                        |  |  |  |  |
| LIAISON                                                                             | JdB Amont    |                                     | SJB_2                               |           | SJB_2                               |           | SJB_2                               |                   |  |  |  |                        |  |  |  |  |
|                                                                                     | Type         |                                     | U1000R2V (90°C)                     |           | U1000R2V (90°C)                     |           | U1000R2V (90°C)                     |                   |  |  |  |                        |  |  |  |  |
|                                                                                     | Longueur     | Ame                                 | 13 m                                | Cu        | 13 m                                | Cu        | 13 m                                | Cu                |  |  |  |                        |  |  |  |  |
|                                                                                     | L.Max prot.  |                                     | 71 m (CC)                           |           | 71 m (CC)                           |           | 91 m (CC)                           |                   |  |  |  |                        |  |  |  |  |
|                                                                                     | ΔU Circuit   | ΔU Totale                           | 0,19 %                              | 1,03 %    | 0,11 %                              | 0,94 %    | 0,49 %                              | 1,33 %            |  |  |  |                        |  |  |  |  |
|                                                                                     | Câble        |                                     | 5G2,5                               |           | 5G2,5                               |           | 5G10                                |                   |  |  |  |                        |  |  |  |  |
|                                                                                     | Neutre       | Séparé                              |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
|                                                                                     | PE/PEN       |                                     |                                     |           |                                     |           |                                     |                   |  |  |  |                        |  |  |  |  |
| Taux d'Harmonique                                                                   |              | TH <= 15%                           |                                     | TH <= 15% |                                     | TH <= 15% |                                     |                   |  |  |  |                        |  |  |  |  |
| PROT.                                                                               | Protection   |                                     | DT40N                               |           | DT40N                               |           | iC60N                               |                   |  |  |  |                        |  |  |  |  |
|                                                                                     | Calibre      |                                     | 16 A                                |           | 16 A                                |           | 50 A                                |                   |  |  |  |                        |  |  |  |  |
|                                                                                     | Ir           | Im / Isd                            | 160 A                               |           | 160 A                               |           | 480 A                               |                   |  |  |  |                        |  |  |  |  |
| Affectation des phases                                                              |              | 123                                 |                                     | 123       |                                     | 123       |                                     |                   |  |  |  |                        |  |  |  |  |
|  |              | SCHEMA UNIFILAIRE                   |                                     |           |                                     |           |                                     |                   |  |  |  | Avis Technique 15L-601 |  |  |  |  |
|                                                                                     |              | Unif.Chantier 8 circuits TPE AT.FM1 |                                     |           |                                     |           |                                     |                   |  |  |  | AFFAIRE:               |  |  |  |  |
|                                                                                     |              |                                     |                                     |           |                                     |           |                                     | Date : 28/05/2024 |  |  |  | Norme : C1510015       |  |  |  |  |
|                                                                                     |              |                                     |                                     |           |                                     |           |                                     |                   |  |  |  | PLAN:                  |  |  |  |  |
|                                                                                     |              |                                     |                                     |           |                                     |           |                                     |                   |  |  |  | Folio 61 / 115         |  |  |  |  |



Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

Amont

Secours

TABLEAU

GETD004

Repère

TPE.AT CM

Désignation

I installée

Normal

243,57 A

Secours

I Totale

227,57 A

Ik3 max

12012 A

Ik1 max

10472 A

I max

0,74 %

TPE.AT CM

TPE.AT CM

SJB\_3

C

2P1D

16 A

L 3

C

2P1D

16 A

L 1

C

2P1D

16 A

L 2

C

2P1D

16 A

L 1

C

2P1D

16 A

L 2

C

2P1D

16 A

L 3

C

4P4D

16 A

30 mA

CIRCUIT

Repère

Désignation

Nb

Consommation

TPE.AT CMPC001

ATELIER CONSTRUCTION METALLIQUE

1

200W

TPE.AT CMPC002

ATELIER CONSTRUCTION METALLIQUE

1

200W

TPE.AT CMPC003

ATELIER CONSTRUCTION METALLIQUE

1

200W

TPE.AT CMPC004

ATELIER CONSTRUCTION METALLIQUE

1

200W

TPE.AT CMPC005

ATELIER CONSTRUCTION METALLIQUE

1

200W

TPE.AT CMPC006

ATELIER CONSTRUCTION METALLIQUE

1

200W

TPE.AT CMSJB001

1

1kW

SJB\_2

0

LIAISON

JdB Amont

Type

Longueur

Ame

L.Max prot.

ΔU Circuit

ΔU Totale

Câble

Neutre

PE/PEN

Taux d'Harmonique

SJB\_3

U1000R2V (90°C)

14 m

Cu

71 m (CC)

0,1 %

0,84 %

3G2,5

SJB\_3

U1000R2V (90°C)

14 m

Cu

71 m (CC)

0,1 %

0,84 %

3G2,5

SJB\_3

U1000R2V (90°C)

14 m

Cu

71 m (CC)

0,1 %

0,84 %

3G2,5

SJB\_3

U1000R2V (90°C)

14 m

Cu

71 m (CC)

0,1 %

0,84 %

3G2,5

SJB\_3

U1000R2V (90°C)

14 m

Cu

71 m (CC)

0,1 %

0,84 %

3G2,5

0 m

0 %

0,74 %

TH <= 15%

PROT.

Protection

Calibre

Ir

IΔn

Im / Isd

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

iC60N

Type AC

16 A

30 mA

153,6 A

Affectation des phases

3

1

2

1

2

3

123

BénieStructure

BUREAU ETUDES TECHNIQUES

01 Rue Mohammed VI - Aggr 4

INSAF-CASABLANCA

Tel / Fax : 022455-31-69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE.AT CM

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

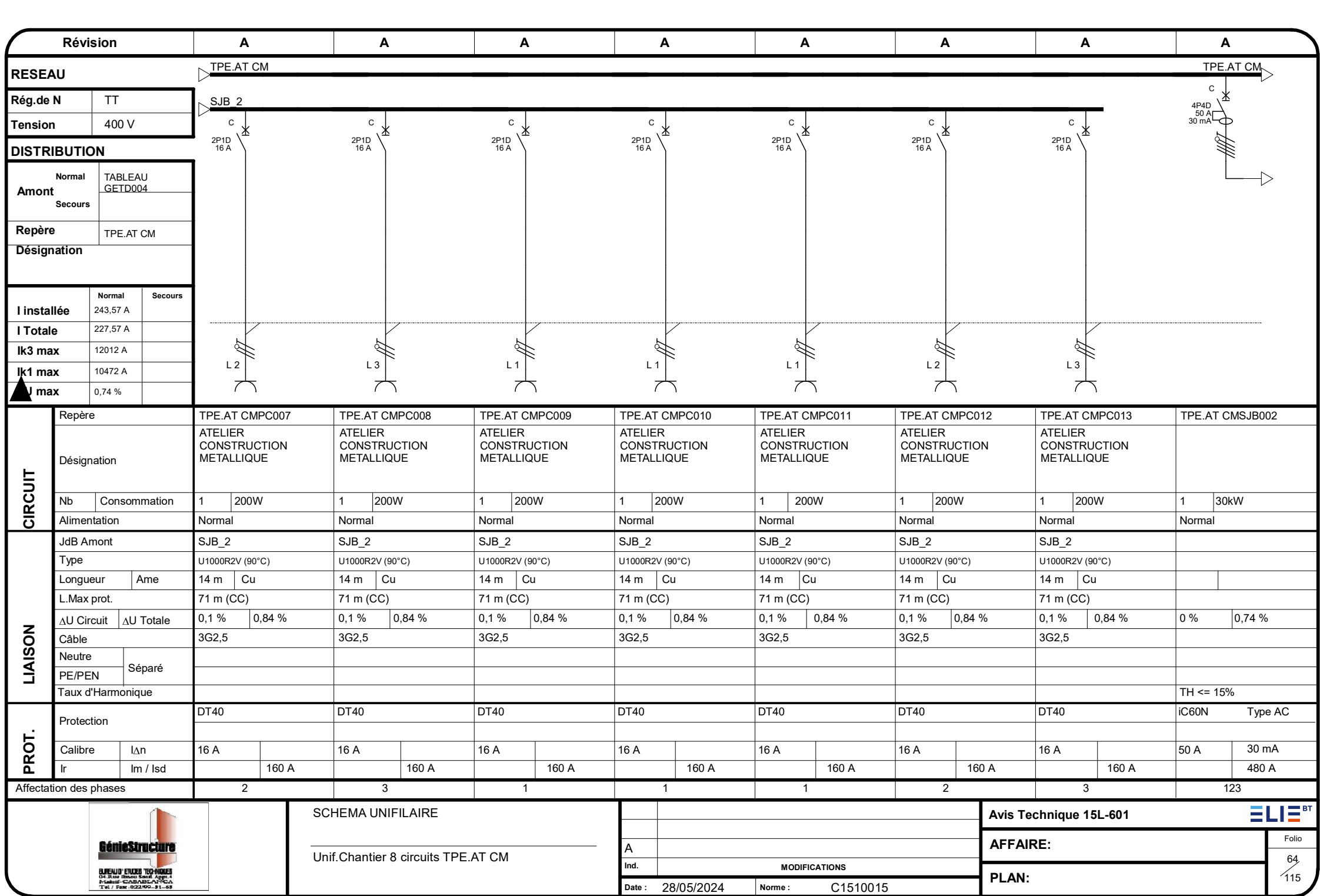
PLAN:

LI BT

Folio

63

115



©ALPI Caneco BT 5.80 Cracked by gta126

Révision

A

A

A

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

TABLEAU

GETD004

Secours

Repère

TPE.AT CM

Désignation

I installée

Normal

243,57 A

Secours

I Totale

227,57 A

Ik3 max

12012 A

Ik1 max

10472 A

I max

0,74 %

TPE.AT CM

TPE.AT CM

SJB\_5

C

4P4D

16 A

C

4P4D

16 A

C

4P4D

16 A

C

4P4D

16 A

C

4P4D

16 A

C

4P4D

16 A

C

4P4D

16 A

CIRCUIT

Repère

SJB\_5

TPE.AT CMDIV007

TPE.AT CMDIV008

TPE.AT CMDIV009

TPE.AT CMDIV010

TPE.AT CMDIV011

TPE.AT CMDIV012

TPE.AT CMDIV013

Désignation

ATELIER

FABRICATION

MECANIQUE

ATELIER

FABRICATION

MECANIQUE

ATELIER

FABRICATION

MECANIQUE

ATELIER

FABRICATION

MECANIQUE

ATELIER

FABRICATION

MECANIQUE

ATELIER

FABRICATION

MECANIQUE

Nb

Consommation

0

1

2kW

1

2kW

1

2kW

1

2kW

1

2kW

1

3kW

1

7,5kW

Alimentation

Normal

Normal

Normal

Normal

Normal

Normal

Normal

Normal

LIAISON

JdB Amont

SJB\_5

SJB\_5

SJB\_5

SJB\_5

SJB\_5

SJB\_5

SJB\_5

Type

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

Longueur

Ame

0 m

13 m

Cu

13 m

Cu

13 m

Cu

13 m

Cu

12 m

Cu

12 m

Cu

L.Max prot.

74 m (CC)

74 m (CC)

74 m (CC)

74 m (CC)

74 m (CC)

119 m (CC)

179 m (CC)

ΔU Circuit

ΔU Totale

0,16 %

0,89 %

0,16 %

0,89 %

0,16 %

0,89 %

0,16 %

0,89 %

0,13 %

0,87 %

0,23 %

0,96 %

Câble

5G2,5

5G2,5

5G2,5

5G2,5

5G2,5

5G4

5G6

Neutre

Séparé

PE/PEN

Taux d'Harmonique

TH <= 15%

TH <= 15%

TH <= 15%

TH <= 15%

TH <= 15%

TH <= 15%

TH <= 15%

PROT.

Protection

iC60N

iC60N

iC60N

iC60N

iC60N

iC60N

iC60N

Calibre

IΔn

16 A

16 A

16 A

16 A

16 A

16 A

16 A

Ir

Im / Isd

153,6 A

153,6 A

153,6 A

153,6 A

153,6 A

153,6 A

Affectation des phases

123

123

123

123

123

123

123

123

BénieStructure

BUREAU ETUDES TECHNIQUES

01 Rue Mohammed VI, Aggr. 4

INSAF-CASABLANCA

Tel / Fax : 022455-31-69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE.AT CM

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

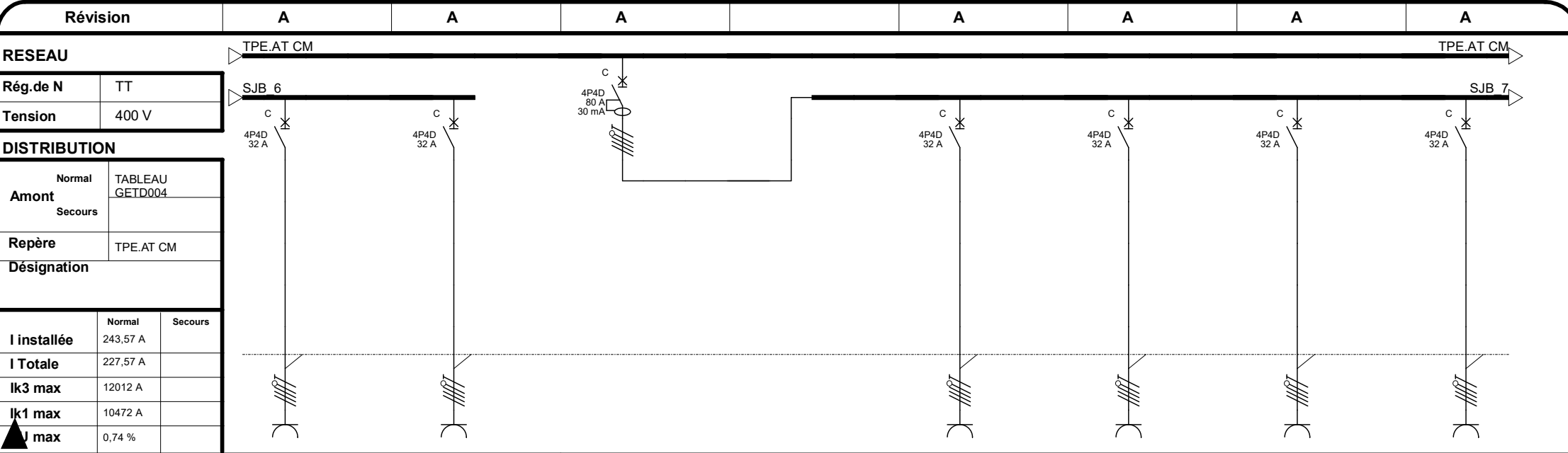
66

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

©ALPI Caneco BT 5.80 Cracked by gta126

|                        |               |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
|------------------------|---------------|-------------------|-----------------|----------|-----------------|-----------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|-------------------------------|-----------|-------------------------------|-----------|-------------------------------|-----------|-------------------------------|--------|---------------|--------|------------|---------|----------|----------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|------------------------|--|----------|--|-------|--|---------------------------------------------------------------------------------|--|-------|----|-----|
| Révision               |               | A                 |                 | A        |                 | A         |                 | A                                                                                                                                                                                                       |                 | A         |                               | A         |                               | A         |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| RESEAU                 |               |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Rég.de N               |               | TT                |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Tension                |               | 400 V             |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| DISTRIBUTION           |               |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Normal Amont           |               | TABLEAU GETD004   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Secours                |               |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Repère                 |               | TPE.AT CM         |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Désignation            |               |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| I installée            |               | Normal            |                 | 243,57 A |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| I Totale               |               | Normal            |                 | 227,57 A |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Ik3 max                |               | Normal            |                 | 12012 A  |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Ik1 max                |               | Normal            |                 | 10472 A  |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| I max                  |               | Normal            |                 | 0,74 %   |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| CIRCUIT                | Repère        |                   | TPE.AT CMSJB004 |          | SJB_6           |           | TPE.AT CMPC01   |                                                                                                                                                                                                         | TPE.AT CMPC02   |           | TPE.AT CMPC03                 |           | TPE.AT CMPC04                 |           | TPE.AT CMPC05                 |           | TPE.AT CMPC06                 |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
|                        | Désignation   |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           | ATELIER FABRICATION MECANIQUE |           | ATELIER FABRICATION MECANIQUE |           | ATELIER FABRICATION MECANIQUE |           | ATELIER FABRICATION MECANIQUE |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
|                        | Nb            | Consommation      | 1               | 50kW     | 0               |           | 1               | 17kW                                                                                                                                                                                                    | 1               | 3kW       | 1                             | 17kW      | 1                             | 17kW      | 1                             | 17kW      | 1                             | 17kW   |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
|                        | Alimentation  |                   | Normal          |          |                 |           | Normal          |                                                                                                                                                                                                         | Normal          |           | Normal                        |           | Normal                        |           | Normal                        |           | Normal                        |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| LIAISON                | JdB Amont     |                   |                 |          | SJB_6           |           | SJB_6           |                                                                                                                                                                                                         | SJB_6           |           | SJB_6                         |           | SJB_6                         |           | SJB_6                         |           | SJB_6                         |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
|                        | Type          |                   |                 |          | U1000R2V (90°C) |           | U1000R2V (90°C) |                                                                                                                                                                                                         | U1000R2V (90°C) |           | U1000R2V (90°C)               |           | U1000R2V (90°C)               |           | U1000R2V (90°C)               |           | U1000R2V (90°C)               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
|                        | Longueur      | Ame               |                 |          | 0 m             |           | 10 m            | Cu                                                                                                                                                                                                      | 10 m            | Cu        | 10 m                          | Cu        | 10 m                          | Cu        | 10 m                          | Cu        | 10 m                          | Cu     |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
|                        | L.Max prot.   |                   |                 |          | 147 m (CC)      |           | 74 m (CC)       |                                                                                                                                                                                                         | 147 m (CC)      |           | 147 m (CC)                    |           | 147 m (CC)                    |           | 147 m (CC)                    |           | 147 m (CC)                    |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
|                        | ΔU Circuit    | ΔU Totale         | 0 %             | 0,74 %   |                 |           | 0,26 %          | 0,99 %                                                                                                                                                                                                  | 0,18 %          | 0,92 %    | 0,26 %                        | 0,99 %    | 0,26 %                        | 0,99 %    | 0,26 %                        | 0,99 %    | 0,26 %                        | 0,99 % |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
|                        | Câble         |                   |                 |          | 5G10            |           | 5G2,5           |                                                                                                                                                                                                         | 5G10            |           | 5G10                          |           | 5G10                          |           | 5G10                          |           | 5G10                          |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
|                        | Neutre        | Séparé            |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
|                        | PE/PEN        |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Taux d'Harmonique      |               | TH <= 15%         |                 |          |                 | TH <= 15% |                 | TH <= 15%                                                                                                                                                                                               |                 | TH <= 15% |                               | TH <= 15% |                               | TH <= 15% |                               | TH <= 15% |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| PROT.                  | Protection    |                   | C120N Type AC   |          | iC60N           |           | iC60N           |                                                                                                                                                                                                         | iC60N           |           | iC60N                         |           | iC60N                         |           | iC60N                         |           | iC60N                         |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
|                        | Calibre       | IΔn               | 100 A           | 30 mA    |                 | 32 A      |                 | 16 A                                                                                                                                                                                                    |                 | 32 A      |                               | 32 A      |                               | 32 A      |                               | 32 A      |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
|                        | Ir            | Im / Isd          |                 | 1000 A   |                 |           | 307,2 A         |                                                                                                                                                                                                         |                 | 153,6 A   |                               |           | 307,2 A                       |           |                               | 307,2 A   |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Affectation des phases |               | 123               |                 |          |                 | 123       |                 | 123                                                                                                                                                                                                     |                 | 123       |                               | 123       |                               | 123       |                               | 123       |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
|                        |               | SCHEMA UNIFILAIRE |                 |          |                 |           |                 | <table><tr><td></td><td></td></tr><tr><td>A</td><td></td></tr><tr><td>Ind.</td><td>MODIFICATIONS</td></tr><tr><td>Date :</td><td>28/05/2024</td></tr><tr><td>Norme :</td><td>C1510015</td></tr></table> |                 |           |                               |           |                               |           |                               | A         |                               | Ind.   | MODIFICATIONS | Date : | 28/05/2024 | Norme : | C1510015 | <table><tr><td colspan="2">Avis Technique 15L-601</td></tr><tr><td colspan="2">AFFAIRE:</td></tr><tr><td colspan="2">PLAN:</td></tr></table> |  |  |  |  |  | Avis Technique 15L-601 |  | AFFAIRE: |  | PLAN: |  | <table><tr><td>Folio</td></tr><tr><td>67</td></tr><tr><td>115</td></tr></table> |  | Folio | 67 | 115 |
|                        |               |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| A                      |               |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Ind.                   | MODIFICATIONS |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Date :                 | 28/05/2024    |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Norme :                | C1510015      |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Avis Technique 15L-601 |               |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| AFFAIRE:               |               |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| PLAN:                  |               |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| Folio                  |               |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| 67                     |               |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |
| 115                    |               |                   |                 |          |                 |           |                 |                                                                                                                                                                                                         |                 |           |                               |           |                               |           |                               |           |                               |        |               |        |            |         |          |                                                                                                                                              |  |  |  |  |  |                        |  |          |  |       |  |                                                                                 |  |       |    |     |



|                                                                                                                                                                                                                                  |              |                                                                                                                                                                                                                                                  |                                     |          |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------|---------|------------------------------------|-------------------------------------|--------|---------|--|--|------------------------|--|--|--|---------|--|--|
| Révision                                                                                                                                                                                                                         |              | A                                                                                                                                                                                                                                                |                                     | A        |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| RESEAU                                                                                                                                                                                                                           |              | <div><div><div>TPE.AT CM</div><div>SJB_7</div><div><div><div>C</div><div>4P4D<br/>32 A</div></div><div><div>C</div><div>4P4D<br/>32 A</div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div> |                                     |          |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| Rég.de N                                                                                                                                                                                                                         |              | TT                                                                                                                                                                                                                                               |                                     |          |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| Tension                                                                                                                                                                                                                          |              | 400 V                                                                                                                                                                                                                                            |                                     |          |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| DISTRIBUTION                                                                                                                                                                                                                     |              |                                                                                                                                                                                                                                                  |                                     |          |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| Normal                                                                                                                                                                                                                           |              | TABLEAU<br>GETD004                                                                                                                                                                                                                               |                                     |          |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| Amont                                                                                                                                                                                                                            |              |                                                                                                                                                                                                                                                  |                                     |          |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| Secours                                                                                                                                                                                                                          |              |                                                                                                                                                                                                                                                  |                                     |          |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| Repère                                                                                                                                                                                                                           |              | TPE.AT CM                                                                                                                                                                                                                                        |                                     |          |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| Désignation                                                                                                                                                                                                                      |              |                                                                                                                                                                                                                                                  |                                     |          |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| I installée                                                                                                                                                                                                                      |              | Normal                                                                                                                                                                                                                                           |                                     | 243,57 A |         |                                    |                                     |        |         |  |  |                        |  |  |  | Secours |  |  |
| I Totale                                                                                                                                                                                                                         |              | Normal                                                                                                                                                                                                                                           |                                     | 227,57 A |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| Ik3 max                                                                                                                                                                                                                          |              | Normal                                                                                                                                                                                                                                           |                                     | 12012 A  |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| Ik1 max                                                                                                                                                                                                                          |              | Normal                                                                                                                                                                                                                                           |                                     | 10472 A  |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| I max                                                                                                                                                                                                                            |              | Normal                                                                                                                                                                                                                                           |                                     | 0,74 %   |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| CIRCUIT                                                                                                                                                                                                                          | Repère       |                                                                                                                                                                                                                                                  | TPE.AT CMPC13                       |          |         |                                    | TPE.AT CMPC014                      |        |         |  |  |                        |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  | Désignation  |                                                                                                                                                                                                                                                  | ATELIER<br>FABRICATION<br>MECANIQUE |          |         |                                    | ATELIER<br>FABRICATION<br>MECANIQUE |        |         |  |  |                        |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  | Nb           | Consommation                                                                                                                                                                                                                                     | 1                                   | 17kW     |         |                                    | 1                                   | 17kW   |         |  |  |                        |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  | Alimentation |                                                                                                                                                                                                                                                  | Normal                              |          |         |                                    | Normal                              |        |         |  |  |                        |  |  |  |         |  |  |
| LIAISON                                                                                                                                                                                                                          | JdB Amont    |                                                                                                                                                                                                                                                  | SJB_7                               |          |         |                                    | SJB_7                               |        |         |  |  |                        |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  | Type         |                                                                                                                                                                                                                                                  | U1000R2V (90°C)                     |          |         |                                    | U1000R2V (90°C)                     |        |         |  |  |                        |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  | Longueur     | Ame                                                                                                                                                                                                                                              | 10 m                                | Cu       |         |                                    | 10 m                                | Cu     |         |  |  |                        |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  | L.Max prot.  |                                                                                                                                                                                                                                                  | 147 m (CC)                          |          |         |                                    | 147 m (CC)                          |        |         |  |  |                        |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  | ΔU Circuit   | ΔU Totale                                                                                                                                                                                                                                        | 0,26 %                              | 0,99 %   |         |                                    | 0,26 %                              | 0,99 % |         |  |  |                        |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  | Câble        |                                                                                                                                                                                                                                                  | 5G10                                |          |         |                                    | 5G10                                |        |         |  |  |                        |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  | Neutre       | Séparé                                                                                                                                                                                                                                           |                                     |          |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  | PE/PEN       |                                                                                                                                                                                                                                                  |                                     |          |         |                                    |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| Taux d'Harmonique                                                                                                                                                                                                                |              | TH <= 15%                                                                                                                                                                                                                                        |                                     |          |         | TH <= 15%                          |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| PROT.                                                                                                                                                                                                                            | Protection   |                                                                                                                                                                                                                                                  | iC60N                               |          |         |                                    | iC60N                               |        |         |  |  |                        |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  | Calibre      | IΔn                                                                                                                                                                                                                                              | 32 A                                |          |         |                                    | 32 A                                |        |         |  |  |                        |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  | Ir           | Im / Isd                                                                                                                                                                                                                                         |                                     |          | 307,2 A |                                    |                                     |        | 307,2 A |  |  |                        |  |  |  |         |  |  |
| Affectation des phases                                                                                                                                                                                                           |              | 123                                                                                                                                                                                                                                              |                                     |          |         | 123                                |                                     |        |         |  |  |                        |  |  |  |         |  |  |
| <div><div><div></div><div></div><div></div></div><div><div>BénieStructure</div><div>BUREAU ETUDE TECHNIQUE</div><div>01 Rue Moussoul El-Agha -</div><div>INSTITUT CASABLANCA</div><div>Tel / Fax : 02255-31-69</div></div></div> |              | SCHEMA UNIFILAIRE                                                                                                                                                                                                                                |                                     |          |         |                                    |                                     |        |         |  |  | Avis Technique 15L-601 |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  |              |                                                                                                                                                                                                                                                  |                                     |          |         | Unif.Chantier 8 circuits TPE.AT CM |                                     |        |         |  |  | A                      |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  |              |                                                                                                                                                                                                                                                  |                                     |          |         |                                    |                                     |        |         |  |  | Ind. MODIFICATIONS     |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  |              |                                                                                                                                                                                                                                                  |                                     |          |         | Date : 28/05/2024                  |                                     |        |         |  |  | Norme : C1510015       |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  |              |                                                                                                                                                                                                                                                  |                                     |          |         |                                    |                                     |        |         |  |  | PLAN:                  |  |  |  |         |  |  |
|                                                                                                                                                                                                                                  |              |                                                                                                                                                                                                                                                  |                                     |          |         |                                    |                                     |        |         |  |  | Folio 69 / 115         |  |  |  |         |  |  |



Révision

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

T\_015TD006

Amont

Secours

Repère

TPE S SIMS

Désignation

I installée

Normal

7,22 A

Secours

I Totale

2,15 A

Ik3 max

6430 A

Ik1 max

3799 A

I max

0,57 %

TPE S SIMS

TPE S SIMS

SJB 1

C

2P1D

16 A

C

2P1D

16 A

C

2P1D

16 A

4P4D

16 A

L 2

L 2

L 1

ASI

CIRCUIT

Repère

TPE S SIMPC003

TPE S SIMPC004

TPE S SIMPC005

TPE S SIMTD001

TPE S SIAS\_001

TPE S SIAS\_002

Désignation

SALLE SIMULATION SOUDAGE

VIDEO PROJECTEUR

SALLE SIMULATION SOUDAGE

Nb

Consommation

1

200W

1

200W

2

200W

1

0,7A

0

0

Alimentation

Normal

Normal

Normal

Normal

LIAISON

JdB Amont

SJB\_1

SJB\_1

SJB\_1

Type

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

Longueur

Ame

14 m

Cu

14 m

Cu

14 m

Cu

0 m

0 m

0 m

L.Max prot.

68 m (CC)

68 m (CC)

68 m (CC)

3 m (CC)

ΔU Circuit

ΔU Totale

0,1 %

0,67 %

0,1 %

0,67 %

0,2 %

0,77 %

0 %

0,57 %

Câble

3G2,5

3G2,5

3G2,5

Neutre

PE/PEN

Séparé

Taux d'Harmonique

TH <= 15%

PROT.

Protection

DT40

DT40

DT40

NSXmE

Calibre

IΔn

16 A

16 A

16 A

16 A

Ir

Im / Isd

160 A

160 A

160 A

11,2 A

500 A

Affectation des phases

2

2

1

123

BénieStructure

BUREAU ETUDE TECHNIQUE

01 Rue Mohammed VI - Agor -

INSAF - CASABLANCA

Tel / Fax : 022495-31-69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE S SIMS

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

71

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

©ALPI Caneco BT 5.80 Cracked by gta126

REVISION

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

TPE S SIMTD001

Amont

Secours

Repère

TPEO SIMS

Désignation

I installée

Normal

0,70 A

Secours

I Totale

0,72 A

Ik3 max

6430 A

Ik1 max

3799 A

I max

0,57 %

TPEO SIMS

TT

400 V

C

4P4D

16 A

30 mA

C

2P2D

16 A

30 mA

SJB\_1

L 3

|         |                        |              |                |        |                 |         |       |  |                          |         |  |  |  |  |
|---------|------------------------|--------------|----------------|--------|-----------------|---------|-------|--|--------------------------|---------|--|--|--|--|
| CIRCUIT | Repère                 |              | TPE S SIMTD001 |        | TPEO SIMSSJB001 |         | SJB_1 |  | TPEO SIMSPC001           |         |  |  |  |  |
|         | Désignation            |              |                |        |                 |         |       |  | SALLE SIMULATION SOUDAGE |         |  |  |  |  |
|         | Nb                     | Consommation | 1              | 0,7A   | 1               | 1kW     | 0     |  | 2                        | 200W    |  |  |  |  |
|         | Alimentation           |              | Normal         |        | Normal          |         |       |  | Normal                   |         |  |  |  |  |
| LIAISON | JdB Amont              |              |                |        |                 |         |       |  | SJB_1                    |         |  |  |  |  |
|         | Type                   |              |                |        |                 |         |       |  | U1000R2V (90°C)          |         |  |  |  |  |
|         | Longueur               | Ame          | 0 m            |        |                 |         | 0 m   |  | 14 m                     | Cu      |  |  |  |  |
|         | L.Max prot.            |              | 3 m (CC)       |        |                 |         |       |  | 71 m (CC)                |         |  |  |  |  |
|         | ΔU Circuit             | ΔU Totale    | 0 %            | 0,57 % | 0 %             | 0,57 %  |       |  | 0,2 %                    | 0,77 %  |  |  |  |  |
|         | Câble                  |              |                |        |                 |         |       |  | 3G2,5                    |         |  |  |  |  |
|         | Neutre                 | Séparé       |                |        |                 |         |       |  |                          |         |  |  |  |  |
|         | PE/PEN                 |              |                |        |                 |         |       |  |                          |         |  |  |  |  |
| PROT.   | Protection             |              |                |        | iC60N Type AC   |         |       |  | iC60 RCBO AC             |         |  |  |  |  |
|         | Calibre                | IΔn          |                |        | 16 A            | 30 mA   |       |  | 16 A                     | 30 mA   |  |  |  |  |
|         | Ir                     | Im / Isd     |                |        |                 | 153,6 A |       |  |                          | 153,6 A |  |  |  |  |
|         | Affectation des phases |              | 123            |        | 123             |         |       |  | 3                        |         |  |  |  |  |

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPEO SIMS

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

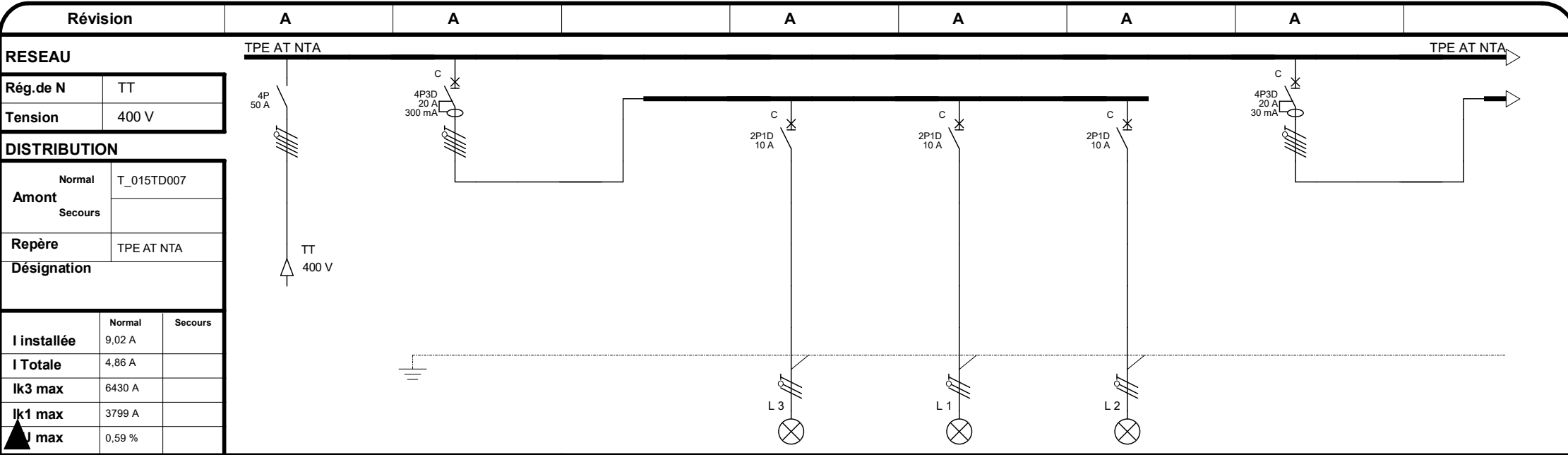
Folio

72

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

©ALPI Caneco BT 5.80 Cracked by gta126



|                                                                                     |              |                                     |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
|-------------------------------------------------------------------------------------|--------------|-------------------------------------|-----------------------------------------|---------|-----------------------------------------|----------|-----------------------------------------|---|-----------------------------------------|---|-----------------------------------------|---|-----------------------------------------|------------------------|-----------------------------------------|---|-----------------------------------------|------------|-----------------|-------|--|--|--|
| Révision                                                                            |              | A                                   |                                         | A       |                                         | A        |                                         | A |                                         | A |                                         | A |                                         | A                      |                                         | A |                                         |            |                 |       |  |  |  |
| RESEAU                                                                              |              | TPE AT NTA                          |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         | TPE AT NTA |                 |       |  |  |  |
| Rég.de N                                                                            |              | TT                                  |                                         | SJB_3   |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 | SJB_3 |  |  |  |
| Tension                                                                             |              | 400 V                               |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
| DISTRIBUTION                                                                        |              |                                     |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
| Normal                                                                              |              | T_015TD007                          |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
| Amont                                                                               |              |                                     |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
| Secours                                                                             |              |                                     |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
| Repère                                                                              |              | TPE AT NTA                          |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
| Désignation                                                                         |              |                                     |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
| I installée                                                                         |              | Normal 9,02 A                       |                                         | Secours |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
| I Totale                                                                            |              | 4,86 A                              |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
| Ik3 max                                                                             |              | 6430 A                              |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
| Ik1 max                                                                             |              | 3799 A                              |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
| J max                                                                               |              | 0,59 %                              |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
| CIRCUIT                                                                             | Repère       |                                     | TPE AT NTAPC001                         |         | TPE AT NTAPC002                         |          | TPE AT NTAPC003                         |   | TPE AT NTAPC004                         |   | TPE AT NTAPC005                         |   | TPE AT NTAPC006                         |                        | TPE AT NTAPC007                         |   | TPE AT NTAPC008                         |            |                 |       |  |  |  |
|                                                                                     | Désignation  |                                     | ATELIER NOUVELLE TECHNOLOGIE AUTOMOBILE |         | ATELIER NOUVELLE TECHNOLOGIE AUTOMOBILE |          | ATELIER NOUVELLE TECHNOLOGIE AUTOMOBILE |   | ATELIER NOUVELLE TECHNOLOGIE AUTOMOBILE |   | ATELIER NOUVELLE TECHNOLOGIE AUTOMOBILE |   | ATELIER NOUVELLE TECHNOLOGIE AUTOMOBILE |                        | ATELIER NOUVELLE TECHNOLOGIE AUTOMOBILE |   | ATELIER NOUVELLE TECHNOLOGIE AUTOMOBILE |            |                 |       |  |  |  |
|                                                                                     | Nb           |                                     | Consommation                            |         | 3 200W                                  |          | 3 200W                                  |   | 3 200W                                  |   | 3 200W                                  |   | 4 200W                                  |                        | 3 200W                                  |   | 3 200W                                  |            | 3 200W          |       |  |  |  |
|                                                                                     | Alimentation |                                     | Normal                                  |         | Normal                                  |          | Normal                                  |   | Normal                                  |   | Normal                                  |   | Normal                                  |                        | Normal                                  |   | Normal                                  |            | Normal          |       |  |  |  |
| LIAISON                                                                             | JdB Amont    |                                     | SJB_3                                   |         | SJB_3                                   |          | SJB_3                                   |   | SJB_3                                   |   | SJB_3                                   |   | SJB_3                                   |                        | SJB_3                                   |   | SJB_3                                   |            | SJB_3           |       |  |  |  |
|                                                                                     | Type         |                                     | U1000R2V (90°C)                         |         | U1000R2V (90°C)                         |          | U1000R2V (90°C)                         |   | U1000R2V (90°C)                         |   | U1000R2V (90°C)                         |   | U1000R2V (90°C)                         |                        | U1000R2V (90°C)                         |   | U1000R2V (90°C)                         |            | U1000R2V (90°C) |       |  |  |  |
|                                                                                     | Longueur     |                                     | Ame                                     |         | 14 m Cu                                 |          | 14 m Cu                                 |   | 14 m Cu                                 |   | 14 m Cu                                 |   | 14 m Cu                                 |                        | 14 m Cu                                 |   | 14 m Cu                                 |            | 14 m Cu         |       |  |  |  |
|                                                                                     | L.Max prot.  |                                     | 68 m (CC)                               |         | 68 m (CC)                               |          | 68 m (CC)                               |   | 68 m (CC)                               |   | 68 m (CC)                               |   | 68 m (CC)                               |                        | 68 m (CC)                               |   | 68 m (CC)                               |            | 68 m (CC)       |       |  |  |  |
|                                                                                     | ΔU Circuit   |                                     | ΔU Totale                               |         | 0,3 % 0,89 %                            |          | 0,3 % 0,89 %                            |   | 0,3 % 0,89 %                            |   | 0,3 % 0,89 %                            |   | 0,4 % 0,99 %                            |                        | 0,3 % 0,89 %                            |   | 0,3 % 0,89 %                            |            | 0,3 % 0,89 %    |       |  |  |  |
|                                                                                     | Câble        |                                     | 3G2,5                                   |         | 3G2,5                                   |          | 3G2,5                                   |   | 3G2,5                                   |   | 3G2,5                                   |   | 3G2,5                                   |                        | 3G2,5                                   |   | 3G2,5                                   |            | 3G2,5           |       |  |  |  |
|                                                                                     | Neutre       |                                     | Séparé                                  |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
|                                                                                     | PE/PEN       |                                     |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
| Taux d'Harmonique                                                                   |              |                                     |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |
| PROT.                                                                               | Protection   |                                     | DT40                                    |         | DT40                                    |          | DT40                                    |   | DT40                                    |   | DT40                                    |   | DT40                                    |                        | DT40                                    |   | DT40                                    |            | DT40            |       |  |  |  |
|                                                                                     | Calibre      |                                     | IΔn                                     |         | 16 A                                    |          | 16 A                                    |   | 16 A                                    |   | 16 A                                    |   | 16 A                                    |                        | 16 A                                    |   | 16 A                                    |            | 16 A            |       |  |  |  |
|                                                                                     | Ir           |                                     | Im / Isd                                |         | 160 A                                   |          | 160 A                                   |   | 160 A                                   |   | 160 A                                   |   | 160 A                                   |                        | 160 A                                   |   | 160 A                                   |            | 160 A           |       |  |  |  |
| Affectation des phases                                                              |              | 2                                   |                                         | 3       |                                         | 1        |                                         | 1 |                                         | 2 |                                         | 1 |                                         | 3                      |                                         | 2 |                                         |            |                 |       |  |  |  |
|  |              | SCHEMA UNIFILAIRE                   |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         | Avis Technique 15L-601 |                                         |   |                                         |            |                 |       |  |  |  |
|                                                                                     |              | Unif.Chantier 8 circuits TPE AT NTA |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         | AFFAIRE:               |                                         |   |                                         |            |                 |       |  |  |  |
|                                                                                     |              |                                     |                                         |         |                                         |          |                                         |   |                                         |   |                                         |   |                                         | PLAN:                  |                                         |   |                                         |            |                 |       |  |  |  |
| Date :                                                                              |              | 28/05/2024                          |                                         | Norme : |                                         | C1510015 |                                         |   |                                         |   |                                         |   |                                         |                        |                                         |   |                                         |            |                 |       |  |  |  |

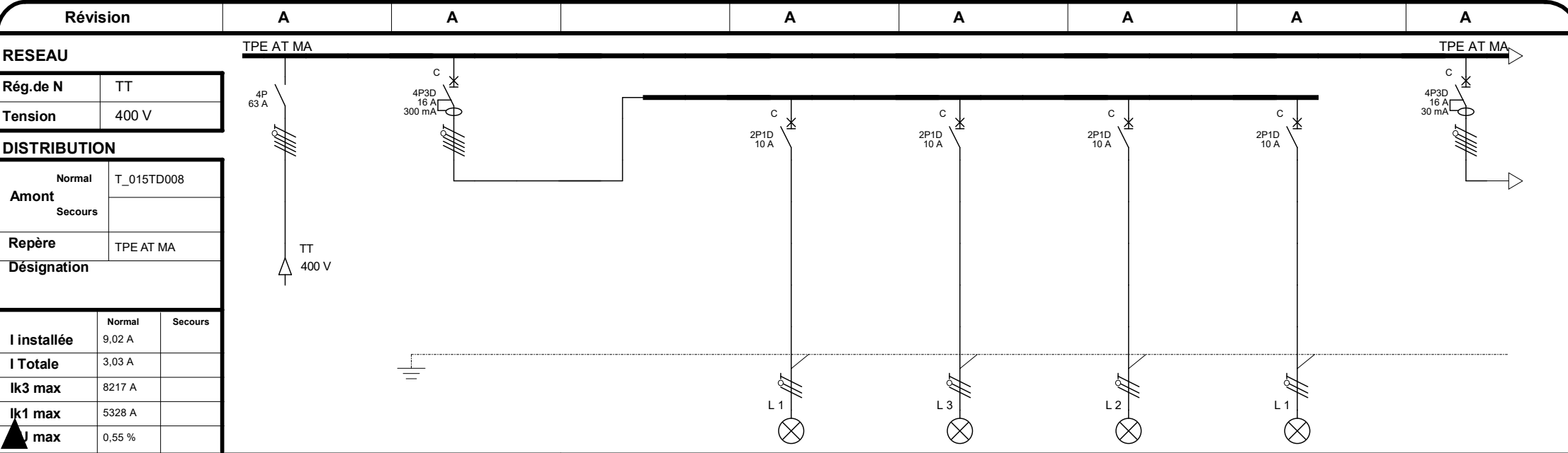
LI BT

Folio

74

115

|                                                                                                |              |                  |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
|------------------------------------------------------------------------------------------------|--------------|------------------|-----------------------------------------|-------------------------------------------------------------------------------|--|--|--|----------------------------------------------------------------|--|--|--|------------------------|--|--|--|
| Révision                                                                                       |              | A                |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| RESEAU                                                                                         |              |                  |                                         | TPE AT NTA                                                                    |  |  |  |                                                                |  |  |  |                        |  |  |  |
| Rég.de N                                                                                       |              | TT               |                                         | <div><div>SJB_3</div><div>C</div><div>2P1D<br/>16 A</div><div>L 3</div></div> |  |  |  |                                                                |  |  |  |                        |  |  |  |
| Tension                                                                                        |              | 400 V            |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| DISTRIBUTION                                                                                   |              |                  |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| Normal                                                                                         |              | T_015TD007       |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| Amont                                                                                          |              |                  |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| Secours                                                                                        |              |                  |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| Repère                                                                                         |              | TPE AT NTA       |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| Désignation                                                                                    |              |                  |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| I installée                                                                                    |              | Normal<br>9,02 A |                                         |                                                                               |  |  |  |                                                                |  |  |  | Secours                |  |  |  |
| I Totale                                                                                       |              | 4,86 A           |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| Ik3 max                                                                                        |              | 6430 A           |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| Ik1 max                                                                                        |              | 3799 A           |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| I max                                                                                          |              | 0,59 %           |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| CIRCUIT                                                                                        | Repère       |                  | TPE AT NTAPC009                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
|                                                                                                | Désignation  |                  | ATELIER NOUVELLE TECHNOLOGIE AUTOMOBILE |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
|                                                                                                | Nb           | Consommation     | 4                                       | 200W                                                                          |  |  |  |                                                                |  |  |  |                        |  |  |  |
|                                                                                                | Alimentation |                  | Normal                                  |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| LIAISON                                                                                        | JdB Amont    |                  | SJB_3                                   |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
|                                                                                                | Type         |                  | U1000R2V (90°C)                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
|                                                                                                | Longueur     | Ame              | 14 m                                    | Cu                                                                            |  |  |  |                                                                |  |  |  |                        |  |  |  |
|                                                                                                | L.Max prot.  |                  | 68 m (CC)                               |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
|                                                                                                | ΔU Circuit   | ΔU Totale        | 0,4 %                                   | 0,99 %                                                                        |  |  |  |                                                                |  |  |  |                        |  |  |  |
|                                                                                                | Câble        |                  | 3G2,5                                   |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
|                                                                                                | Neutre       | Séparé           |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
|                                                                                                | PE/PEN       |                  |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| PROT.                                                                                          | Protection   |                  | DT40                                    |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
|                                                                                                | Calibre      | IΔn              | 16 A                                    |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
|                                                                                                | Ir           | Im / Isd         |                                         | 160 A                                                                         |  |  |  |                                                                |  |  |  |                        |  |  |  |
| Affectation des phases                                                                         |              | 3                |                                         |                                                                               |  |  |  |                                                                |  |  |  |                        |  |  |  |
| <div></div> |              |                  |                                         | SCHEMA UNIFILAIRE                                                             |  |  |  | <div><div>A</div><div>Ind.</div><div>MODIFICATIONS</div></div> |  |  |  | Avis Technique 15L-601 |  |  |  |
|                                                                                                |              |                  |                                         | Unif.Chantier 8 circuits TPE AT NTA                                           |  |  |  | AFFAIRE:                                                       |  |  |  | Folio                  |  |  |  |
|                                                                                                |              |                  |                                         |                                                                               |  |  |  | PLAN:                                                          |  |  |  | 75 / 115               |  |  |  |
|                                                                                                |              |                  |                                         | Date : 28/05/2024                                                             |  |  |  | Norme : C1510015                                               |  |  |  |                        |  |  |  |



Révision

A

A

A

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

T\_015TD008

Amont

Secours

Repère

TPE AT MA

Désignation

I installée

Normal

9,02 A

Secours

I Totale

3,03 A

Ik3 max

8217 A

Ik1 max

5328 A

I max

0,55 %

TPE AT MA

TPE AT MA

SJB\_2

C

2P1D

16 A

L 1

C

2P1D

16 A

L 3

C

2P1D

16 A

L 2

C

2P1D

16 A

L 2

C

2P1D

16 A

L 3

C

2P1D

16 A

L 1

C

2P1D

16 A

L 2

CIRCUIT

Repère

SJB\_2

TPE AT MAPC001

TPE AT MAPC002

TPE AT MAPC003

TPE AT MAPC004

TPE AT MAPC005

TPE AT MAPC006

TPE AT MAPC007

Désignation

ATELIER Menuiserie

ATELIER Menuiserie

ATELIER Menuiserie

ATELIER Menuiserie

ATELIER Menuiserie

ATELIER Menuiserie

ATELIER Menuiserie

ATELIER Menuiserie

Nb

Consommation

0

1

200W

1

200W

1

200W

1

200W

1

200W

1

200W

1

200W

Alimentation

Normal

Normal

Normal

Normal

Normal

Normal

Normal

LIAISON

JdB Amont

SJB\_2

SJB\_2

SJB\_2

SJB\_2

SJB\_2

SJB\_2

SJB\_2

Type

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

Longueur

Ame

0 m

14 m

Cu

14 m

Cu

14 m

Cu

14 m

Cu

14 m

Cu

14 m

Cu

14 m

Cu

L.Max prot.

69 m (CC)

69 m (CC)

69 m (CC)

69 m (CC)

69 m (CC)

69 m (CC)

69 m (CC)

69 m (CC)

ΔU Circuit

ΔU Totale

0,1 %

0,65 %

0,1 %

0,65 %

0,1 %

0,65 %

0,1 %

0,65 %

0,1 %

0,65 %

0,1 %

0,65 %

0,1 %

0,65 %

Câble

3G2,5

3G2,5

3G2,5

3G2,5

3G2,5

3G2,5

3G2,5

3G2,5

Neutre

PE/PEN

Séparé

Taux d'Harmonique

PROT.

Protection

DT40

DT40

DT40

DT40

DT40

DT40

DT40

Calibre

IΔn

16 A

16 A

16 A

16 A

16 A

16 A

16 A

16 A

16 A

16 A

16 A

16 A

16 A

16 A

16 A

Ir

Im / Isd

160 A

160 A

160 A

160 A

160 A

160 A

160 A

160 A

160 A

160 A

160 A

160 A

160 A

160 A

160 A

Affectation des phases

1

3

2

2

3

1

2

BénieStructure

BUREAU ETUDE TECHNIQUE

01 Rue Mohammed VI - Aggr 4

INHAUS - CASABLANCA

Tel / Fax : 022495-31-69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE AT MA

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

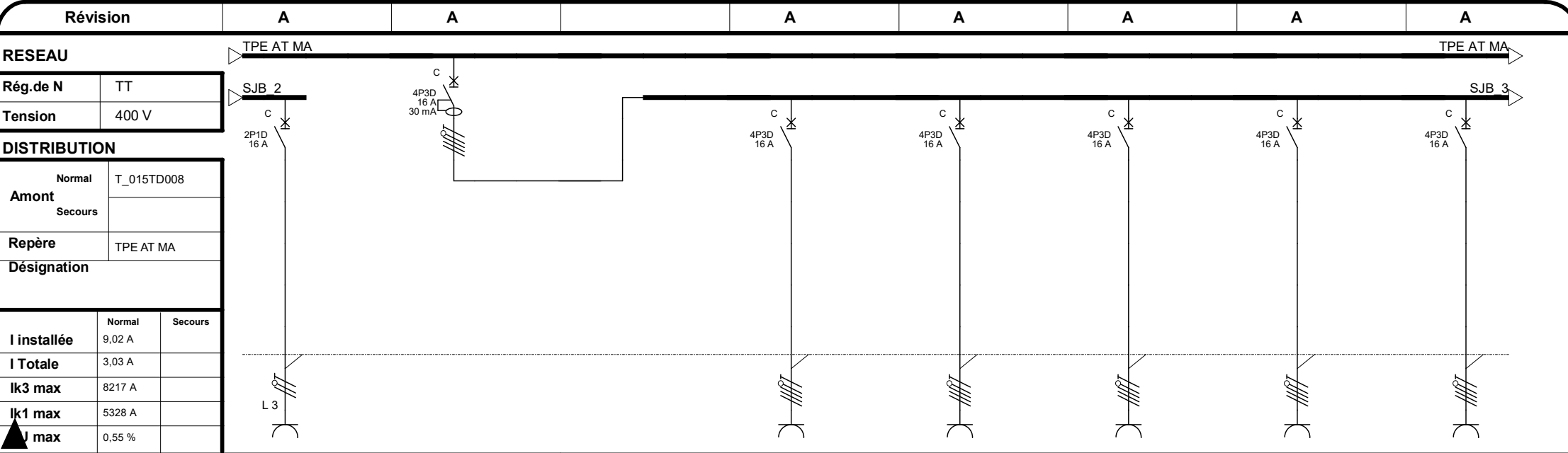
AFFAIRE:

PLAN:

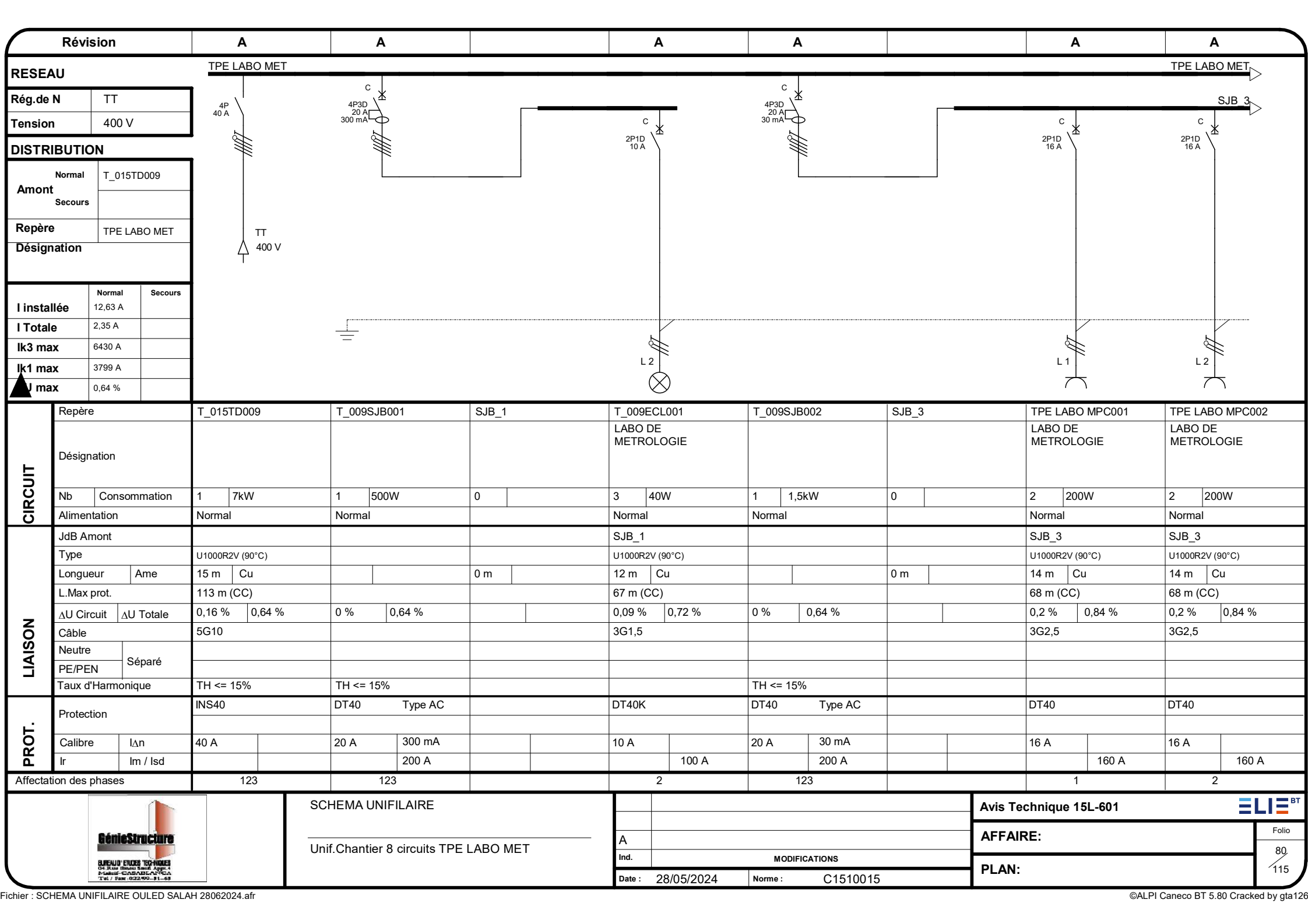
Folio

77

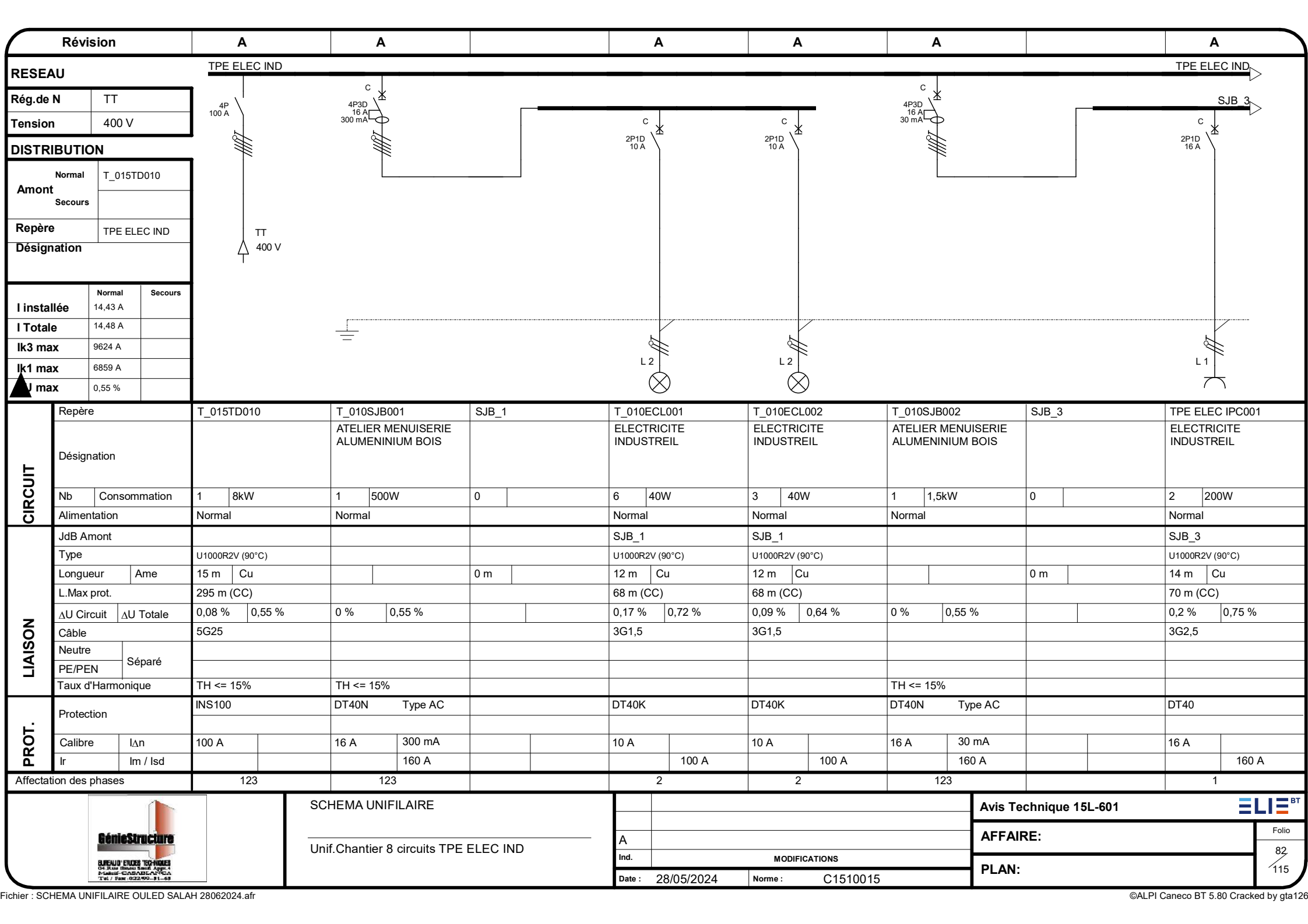
115

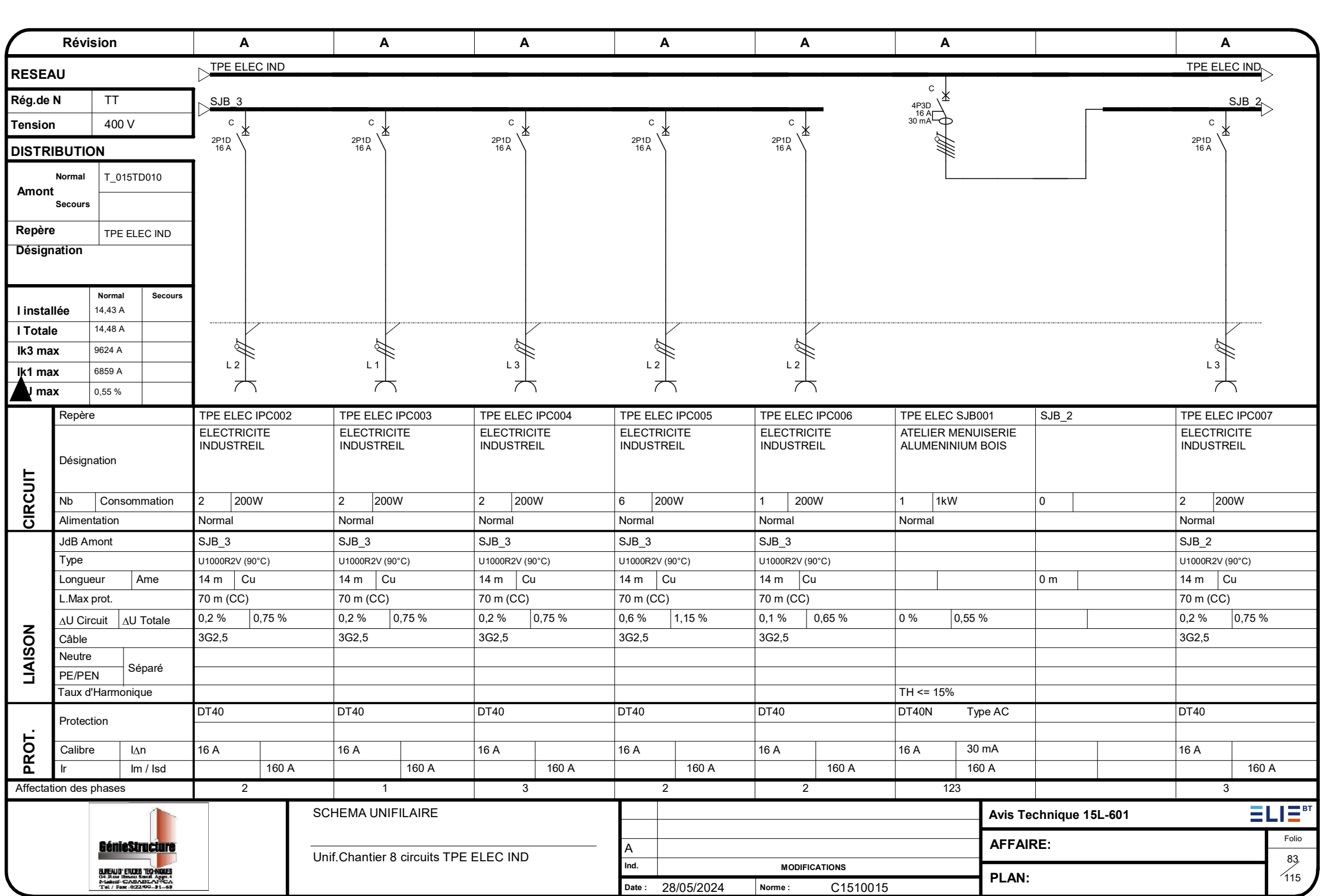


|                                                                                                                                                                                                                                                                                                                                                                                                           |             |                  |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------|-------|------------------------|--|-------|--|--|--|--|--|--|
| Révision                                                                                                                                                                                                                                                                                                                                                                                                  |             | A                |                    | A                                                                                                                                                        |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| RESEAU                                                                                                                                                                                                                                                                                                                                                                                                    |             |                  |                    | <div><div>TPE AT MA</div><div>SJB 3</div><div><div><div>C</div><div>4P3D<br/>16 A</div></div><div><div>C</div><div>4P3D<br/>16 A</div></div></div></div> |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| Rég.de N                                                                                                                                                                                                                                                                                                                                                                                                  |             | TT               |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| Tension                                                                                                                                                                                                                                                                                                                                                                                                   |             | 400 V            |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| DISTRIBUTION                                                                                                                                                                                                                                                                                                                                                                                              |             |                  |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| Normal                                                                                                                                                                                                                                                                                                                                                                                                    |             | T_015TD008       |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| Amont                                                                                                                                                                                                                                                                                                                                                                                                     |             |                  |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| Secours                                                                                                                                                                                                                                                                                                                                                                                                   |             |                  |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| Repère                                                                                                                                                                                                                                                                                                                                                                                                    |             | TPE AT MA        |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| Désignation                                                                                                                                                                                                                                                                                                                                                                                               |             |                  |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| I installée                                                                                                                                                                                                                                                                                                                                                                                               |             | Normal<br>9,02 A |                    | Secours                                                                                                                                                  |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| I Totale                                                                                                                                                                                                                                                                                                                                                                                                  |             | 3,03 A           |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| Ik3 max                                                                                                                                                                                                                                                                                                                                                                                                   |             | 8217 A           |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| Ik1 max                                                                                                                                                                                                                                                                                                                                                                                                   |             | 5328 A           |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| J max                                                                                                                                                                                                                                                                                                                                                                                                     |             | 0,55 %           |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| CIRCUIT                                                                                                                                                                                                                                                                                                                                                                                                   | Repère      |                  | TPE AT MAPC06      |                                                                                                                                                          | TPE AT MAPC07      |                   |       |                        |  |       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           |             |                  | ATELIER Menuiserie |                                                                                                                                                          | ATELIER Menuiserie |                   |       |                        |  |       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           | Désignation |                  |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           | Nb          | Consommation     | 1                  | 200W                                                                                                                                                     | 1                  | 200W              |       |                        |  |       |  |  |  |  |  |  |
| Alimentation                                                                                                                                                                                                                                                                                                                                                                                              |             | Normal           |                    | Normal                                                                                                                                                   |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| LIAISON                                                                                                                                                                                                                                                                                                                                                                                                   | JdB Amont   |                  | SJB_3              |                                                                                                                                                          | SJB_3              |                   |       |                        |  |       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           | Type        |                  | U1000R2V (90°C)    |                                                                                                                                                          | U1000R2V (90°C)    |                   |       |                        |  |       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           | Longueur    | Ame              | 14 m               | Cu                                                                                                                                                       | 14 m               | Cu                |       |                        |  |       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           | L.Max prot. |                  | 69 m (CC)          |                                                                                                                                                          | 69 m (CC)          |                   |       |                        |  |       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           | ΔU Circuit  | ΔU Totale        | 0,02 %             | 0,56 %                                                                                                                                                   | 0,02 %             | 0,56 %            |       |                        |  |       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           | Câble       |                  | 5G2,5              |                                                                                                                                                          | 5G2,5              |                   |       |                        |  |       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           | Neutre      | Séparé           |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           | PE/PEN      |                  |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| Taux d'Harmonique                                                                                                                                                                                                                                                                                                                                                                                         |             | TH <= 15%        |                    | TH <= 15%                                                                                                                                                |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| PROT.                                                                                                                                                                                                                                                                                                                                                                                                     | Protection  |                  | DT40               |                                                                                                                                                          | DT40               |                   |       |                        |  |       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           |             |                  |                    |                                                                                                                                                          |                    |                   |       |                        |  |       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           | Calibre     | IΔn              | 16 A               |                                                                                                                                                          | 16 A               |                   |       |                        |  |       |  |  |  |  |  |  |
| Ir                                                                                                                                                                                                                                                                                                                                                                                                        |             | Im / Isd         |                    |                                                                                                                                                          | 160 A              |                   | 160 A |                        |  |       |  |  |  |  |  |  |
| Affectation des phases                                                                                                                                                                                                                                                                                                                                                                                    |             | 123              |                    | 123                                                                                                                                                      |                    |                   |       |                        |  |       |  |  |  |  |  |  |
| <div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> <div><div>SCHEMA UNIFILAIRE</div><div>Unif.Chantier 8 circuits TPE AT MA</div></div> |             |                  |                    |                                                                                                                                                          |                    |                   |       | Avis Technique 15L-601 |  | LI BT |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           |             |                  |                    |                                                                                                                                                          |                    | AFFAIRE:          |       | Folio                  |  |       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           |             |                  |                    |                                                                                                                                                          |                    | PLAN:             |       | 79<br>115              |  |       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                           |             |                  |                    |                                                                                                                                                          |                    | Date : 28/05/2024 |       | Norme : C1510015       |  |       |  |  |  |  |  |  |



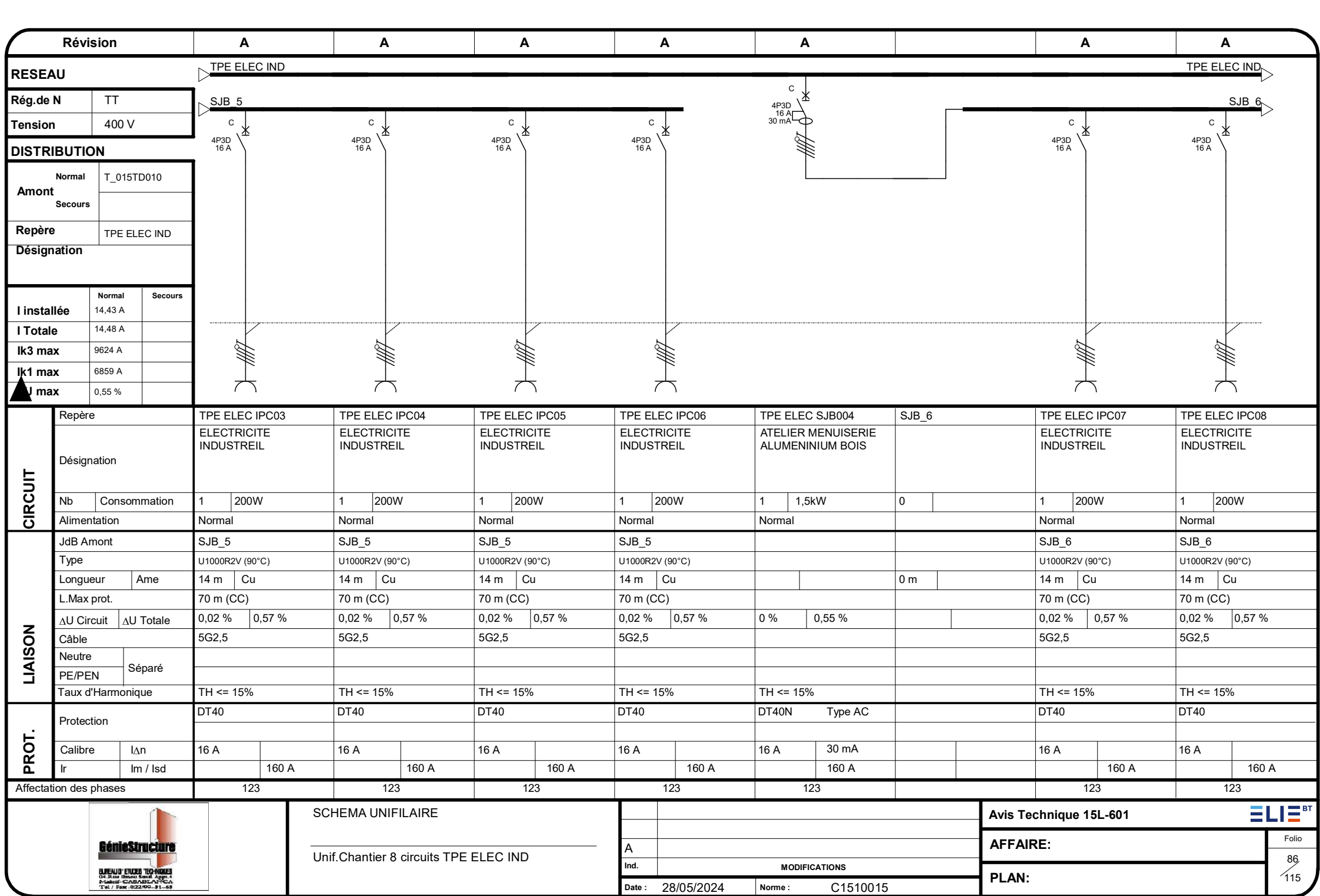








Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr



REVISION

A

A

A

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

T\_015TD010

Amont

Secours

Repère

TPE ELEC IND

Désignation

I installée

Normal

14,43 A

Secours

I Totale

14,48 A

Ik3 max

9624 A

Ik1 max

6859 A

I max

0,55 %

CIRCUIT

Repère

TPE ELEC IPC09

TPE ELEC IPC10

TPE ELEC IPC11

TPE ELEC IPC12

TPE ELEC SJB005

SJB\_7

TPE ELEC IPC013

TPE ELEC IPC014

Désignation

ELECTRICITE INDUSTRIEL

ELECTRICITE INDUSTRIEL

ELECTRICITE INDUSTRIEL

ELECTRICITE INDUSTRIEL

ATELIER MENUISERIE ALUMENINIUM BOIS

ELECTRICITE INDUSTRIEL

ELECTRICITE INDUSTRIEL

Nb

Consommation

1

200W

1

200W

1

200W

1

200W

1

1,5kW

0

1

200W

1

200W

Alimentation

Normal

Normal

Normal

Normal

Normal

Normal

Normal

LIAISON

JdB Amont

SJB\_6

SJB\_6

SJB\_6

SJB\_6

SJB\_7

SJB\_7

Type

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

Longueur

Ame

14 m

Cu

14 m

Cu

14 m

Cu

14 m

Cu

0 m

14 m

Cu

14 m

Cu

L.Max prot.

70 m (CC)

70 m (CC)

70 m (CC)

70 m (CC)

70 m (CC)

70 m (CC)

ΔU Circuit

ΔU Totale

0,02 %

0,57 %

0,02 %

0,57 %

0,02 %

0,57 %

0,02 %

0,57 %

0 %

0,55 %

0,02 %

0,57 %

0,02 %

0,57 %

Câble

5G2,5

5G2,5

5G2,5

5G2,5

5G2,5

5G2,5

Neutre

PE/PEN

Séparé

Taux d'Harmonique

TH <= 15%

TH <= 15%

TH <= 15%

TH <= 15%

TH <= 15%

TH <= 15%

TH <= 15%

PROT.

Protection

DT40

DT40

DT40

DT40

DT40N

Type AC

DT40

DT40

Calibre

IΔn

16 A

16 A

16 A

16 A

16 A

30 mA

16 A

16 A

Ir

Im / Isd

160 A

160 A

160 A

160 A

160 A

160 A

Affectation des phases

123

123

123

123

123

123

123

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE ELEC IND

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

LI BT

Folio 87 / 115

RESEAU

TPE ELEC IND

TPE ELEC IND

SJB 6

SJB 7

4P3D 16 A

4P3D 16 A

4P3D 16 A

4P3D 16 A

4P3D 16 A 30 mA

4P3D 16 A

4P3D 16 A

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE ELEC IND

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

LI BT

Folio 87 / 115

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE ELEC IND

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

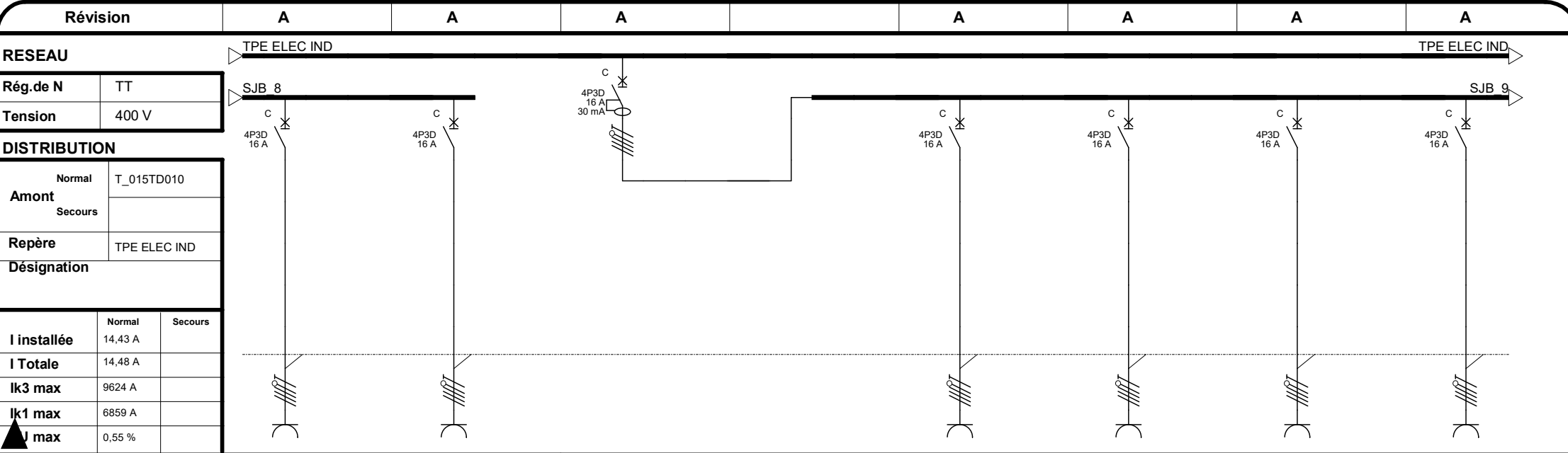
LI BT

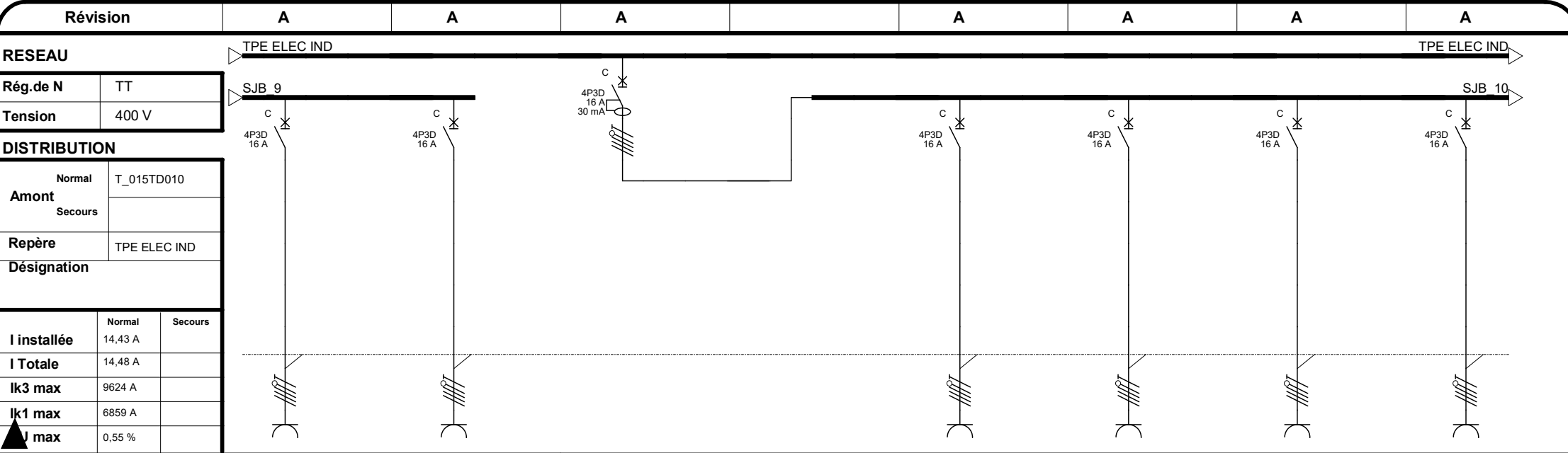
Folio 87 / 115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

©ALPI Caneco BT 5.80 Cracked by gta126









REVISION

A

A

A

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

Amont

Secours

TABLEAU

GETD001

Repère

TPE AT

Désignation

AUTOMATI

I installée

Normal

Secours

16,24 A

I Totale

15,27 A

Ik3 max

9624 A

Ik1 max

6859 A

I max

0,56 %

TPE AT AUTOMATI

TPE AT AUTOMATI

4P

100 A

TT

400 V

4P3D

16 A

300 mA

2P1D

10 A

2P1D

10 A

4P3D

16 A

30 mA

2P1D

16 A

2P1D

16 A

L 2

L 3

L 2

CIRCUIT

Repère

TABLEAU GETD001

T\_001SJB003

SJB\_1

T\_001ECL003

T\_001ECL004

T\_001SJB004

SJB\_3

TPE AT AUTPC001

Désignation

ATELIER MENUISERIE ALUMENINIUM BOIS

AT AUTOMATISME

AT AUTOMATISME

ATELIER MENUISERIE ALUMENINIUM BOIS

ATELIER AUTOMATISME

Nb

Consommation

1

9kW

1

500W

0

6

40W

3

40W

1

2,5kW

0

4

200W

Alimentation

Normal

Normal

Normal

Normal

Normal

Normal

LIAISON

JdB Amont

SJB\_1

SJB\_1

SJB\_3

Type

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

U1000R2V (90°C)

Longueur

Ame

15 m

Cu

0 m

12 m

Cu

12 m

Cu

0 m

14 m

Cu

L.Max prot.

283 m (CC)

68 m (CC)

68 m (CC)

70 m (CC)

ΔU Circuit

ΔU Totale

0,09 %

0,56 %

0 %

0,56 %

0,17 %

0,73 %

0,09 %

0,65 %

0 %

0,56 %

0,4 %

0,96 %

Câble

5G25

3G1,5

3G1,5

3G2,5

Neutre

PE/PEN

Séparé

Taux d'Harmonique

TH <= 15%

TH <= 15%

TH <= 15%

PROT.

Protection

INS100

DT40N

Type AC

DT40K

DT40K

DT40N

Type AC

DT40

Calibre

IΔn

100 A

16 A

300 mA

10 A

10 A

16 A

30 mA

16 A

I<sub>r</sub>

I<sub>m</sub> / I<sub>sd</sub>

160 A

160 A

160 A

Affectation des phases

123

123

2

3

123

2

BénieStructure

BUREAU ETUDES TECHNIQUES

01 Rue Mohammed VI - Aggr 4

INHAUS - CASABLANCA

Tel / Fax : 022755-31-69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE AT AUTOMATI

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

92

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

©ALPI Caneco BT 5.80 Cracked by gta126

| Révision               |              |                 | A                                        |         | A                   |        | A                   |                   | A                   |        | A                   |        | A                      |        | A                   |                 |                                     |        |  |
|------------------------|--------------|-----------------|------------------------------------------|---------|---------------------|--------|---------------------|-------------------|---------------------|--------|---------------------|--------|------------------------|--------|---------------------|-----------------|-------------------------------------|--------|--|
| RESEAU                 |              |                 | TPE AT AUTOMATI                          |         |                     |        |                     |                   |                     |        |                     |        |                        |        |                     | TPE AT AUTOMATI |                                     |        |  |
| Rég.de N               |              | TT              |                                          |         |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 |                                     |        |  |
| Tension                |              | 400 V           |                                          |         |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 |                                     |        |  |
| DISTRIBUTION           |              |                 |                                          |         |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 |                                     |        |  |
| Normal                 |              | TABLEAU GETD001 |                                          |         |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 |                                     |        |  |
| Amont                  |              |                 |                                          |         |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 |                                     |        |  |
| Secours                |              |                 |                                          |         |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 |                                     |        |  |
| Repère                 |              | TPE AT AUTOMATI |                                          |         |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 |                                     |        |  |
| Désignation            |              |                 |                                          |         |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 |                                     |        |  |
| I installée            |              | Normal          |                                          | 16,24 A |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 | Secours                             |        |  |
| I Totale               |              |                 |                                          | 15,27 A |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 |                                     |        |  |
| Ik3 max                |              |                 |                                          | 9624 A  |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 |                                     |        |  |
| Ik1 max                |              |                 |                                          | 6859 A  |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 |                                     |        |  |
| I max                  |              |                 |                                          | 0,56 %  |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 |                                     |        |  |
| CIRCUIT                | Repère       |                 | TPE AT AUTPC002                          |         | TPE AT AUTPC003     |        | TPE AT AUTPC004     |                   | TPE AT AUTPC005     |        | TPE AT AUTPC006     |        | TPE AT AUTPC007        |        | TPE AT AUTPC008     |                 | TPE AT AUSJB001                     |        |  |
|                        | Désignation  |                 | ATELIER AUTOMATISME                      |         | ATELIER AUTOMATISME |        | ATELIER AUTOMATISME |                   | ATELIER AUTOMATISME |        | ATELIER AUTOMATISME |        | ATELIER AUTOMATISME    |        | ATELIER AUTOMATISME |                 | ATELIER MENUISERIE ALUMENINIUM BOIS |        |  |
|                        | Nb           | Consommation    | 4                                        | 200W    | 4                   | 200W   | 4                   | 200W              | 4                   | 200W   | 4                   | 200W   | 4                      | 200W   | 4                   | 200W            | 1                                   | 2,5kW  |  |
|                        | Alimentation |                 | Normal                                   |         | Normal              |        | Normal              |                   | Normal              |        | Normal              |        | Normal                 |        | Normal              |                 | Normal                              |        |  |
| LIAISON                | JdB Amont    |                 | SJB_3                                    |         | SJB_3               |        | SJB_3               |                   | SJB_3               |        | SJB_3               |        | SJB_3                  |        | SJB_3               |                 |                                     |        |  |
|                        | Type         |                 | U1000R2V (90°C)                          |         | U1000R2V (90°C)     |        | U1000R2V (90°C)     |                   | U1000R2V (90°C)     |        | U1000R2V (90°C)     |        | U1000R2V (90°C)        |        | U1000R2V (90°C)     |                 |                                     |        |  |
|                        | Longueur     | Ame             | 14 m                                     | Cu      | 14 m                | Cu     | 14 m                | Cu                | 14 m                | Cu     | 14 m                | Cu     | 14 m                   | Cu     | 14 m                | Cu              |                                     |        |  |
|                        | L.Max prot.  |                 | 70 m (CC)                                |         | 70 m (CC)           |        | 70 m (CC)           |                   | 70 m (CC)           |        | 70 m (CC)           |        | 70 m (CC)              |        | 70 m (CC)           |                 |                                     |        |  |
|                        | ΔU Circuit   | ΔU Totale       | 0,4 %                                    | 0,96 %  | 0,4 %               | 0,96 % | 0,4 %               | 0,96 %            | 0,4 %               | 0,96 % | 0,4 %               | 0,96 % | 0,4 %                  | 0,96 % | 0,4 %               | 0,96 %          | 0 %                                 | 0,56 % |  |
|                        | Câble        |                 | 3G2,5                                    |         | 3G2,5               |        | 3G2,5               |                   | 3G2,5               |        | 3G2,5               |        | 3G2,5                  |        | 3G2,5               |                 |                                     |        |  |
|                        | Neutre       | Séparé          |                                          |         |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 |                                     |        |  |
|                        | PE/PEN       |                 |                                          |         |                     |        |                     |                   |                     |        |                     |        |                        |        |                     |                 |                                     |        |  |
| Taux d'Harmonique      |              |                 |                                          |         |                     |        |                     |                   |                     |        |                     |        |                        |        |                     | TH <= 15%       |                                     |        |  |
| PROT.                  | Protection   |                 | DT40                                     |         | DT40                |        | DT40                |                   | DT40                |        | DT40                |        | DT40                   |        | DT40                |                 | DT40N Type AC                       |        |  |
|                        | Calibre      | IΔn             | 16 A                                     |         | 16 A                |        | 16 A                |                   | 16 A                |        | 16 A                |        | 16 A                   |        | 16 A                |                 | 16 A                                | 30 mA  |  |
|                        | Ir           | Im / Isd        |                                          | 160 A   |                     | 160 A  |                     | 160 A             |                     | 160 A  |                     | 160 A  |                        | 160 A  |                     | 160 A           |                                     | 160 A  |  |
| Affectation des phases |              |                 | 3                                        |         | 1                   |        | 2                   |                   | 3                   |        | 1                   |        | 1                      |        | 2                   |                 | 123                                 |        |  |
|                        |              |                 | SCHEMA UNIFILAIRE                        |         |                     |        |                     |                   |                     |        |                     |        | Avis Technique 15L-601 |        |                     |                 |                                     |        |  |
|                        |              |                 | Unif.Chantier 8 circuits TPE AT AUTOMATI |         |                     |        |                     |                   |                     |        |                     |        | AFFAIRE:               |        |                     |                 |                                     | Folio  |  |
|                        |              |                 |                                          |         |                     |        |                     | MODIFICATIONS     |                     |        |                     |        | PLAN:                  |        |                     |                 |                                     | 93     |  |
|                        |              |                 |                                          |         |                     |        |                     | Date : 28/05/2024 |                     |        |                     |        | Norme : C1510015       |        |                     |                 |                                     | 115    |  |

Révision

A

A

A

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

TABLEAU

GEID001

Amont

Secours

Repère

TPE AT

AUTOMATI

Désignation

I installée

Normal

16,24 A

Secours

I Totale

15,27 A

Ik3 max

9624 A

Ik1 max

6859 A

I max

0,56 %

TPE AT AUTOMATI

TPE AT AUTOMATI

2P1D

16 A

C

L 3

2P1D

16 A

C

L 1

2P1D

16 A

C

L 3

2P1D

16 A

C

L 1

2P1D

16 A

C

L 2

2P1D

16 A

C

L 2

4P3D

16 A

30 mA

C

|                        |              |              |                        |                        |                        |                        |                        |                        |                                        |         |           |     |        |
|------------------------|--------------|--------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|----------------------------------------|---------|-----------|-----|--------|
| CIRCUIT                | Repère       | SJB_2        | TPE AT AUTPC009        | TPE AT AUTPC010        | TPE AT AUTPC011        | TPE AT AUTPC012        | TPE AT AUTPC013        | TPE AT AUTPC014        | TPE AT AUSJB002                        |         |           |     |        |
|                        | Désignation  |              | ATELIER<br>AUTOMATISME | ATELIER<br>AUTOMATISME | ATELIER<br>AUTOMATISME | ATELIER<br>AUTOMATISME | ATELIER<br>AUTOMATISME | ATELIER<br>AUTOMATISME | ATELIER MENUISERIE<br>ALUMENINIUM BOIS |         |           |     |        |
|                        | Nb           | Consommation | 0                      | 4                      | 200W                   | 4                      | 200W                   | 4                      | 200W                                   | 4       | 200W      | 1   | 5kW    |
|                        | Alimentation |              | Normal                 | Normal                 | Normal                 | Normal                 | Normal                 | Normal                 | Normal                                 | Normal  |           |     |        |
| LIAISON                | JdB Amont    |              | SJB_2                  | SJB_2                  | SJB_2                  | SJB_2                  | SJB_2                  | SJB_2                  |                                        |         |           |     |        |
|                        | Type         |              | U1000R2V (90°C)        | U1000R2V (90°C)        | U1000R2V (90°C)        | U1000R2V (90°C)        | U1000R2V (90°C)        | U1000R2V (90°C)        |                                        |         |           |     |        |
|                        | Longueur     | Ame          | 0 m                    | 14 m                   | Cu                     | 14 m                   | Cu                     | 14 m                   | Cu                                     | 14 m    | Cu        |     |        |
|                        | L.Max prot.  |              |                        | 70 m (CC)              | 70 m (CC)              | 70 m (CC)              | 70 m (CC)              | 70 m (CC)              | 70 m (CC)                              |         |           |     |        |
|                        | ΔU Circuit   | ΔU Totale    |                        | 0,4 %                  | 0,96 %                 | 0,4 %                  | 0,96 %                 | 0,4 %                  | 0,96 %                                 | 0,4 %   | 0,96 %    | 0 % | 0,56 % |
|                        | Câble        |              |                        | 3G2,5                  | 3G2,5                  | 3G2,5                  | 3G2,5                  | 3G2,5                  | 3G2,5                                  |         |           |     |        |
|                        | Neutre       | Séparé       |                        |                        |                        |                        |                        |                        |                                        |         |           |     |        |
|                        | PE/PEN       |              |                        |                        |                        |                        |                        |                        |                                        |         |           |     |        |
| Taux d'Harmonique      |              |              |                        |                        |                        |                        |                        |                        |                                        |         | TH <= 15% |     |        |
| PROT.                  | Protection   |              | DT40                   | DT40                   | DT40                   | DT40                   | DT40                   | DT40                   | DT40N                                  | Type AC |           |     |        |
|                        | Calibre      | IΔn          |                        | 16 A                   | 16 A                   | 16 A                   | 16 A                   | 16 A                   | 16 A                                   | 30 mA   |           |     |        |
|                        | Ir           | Im / Isd     |                        |                        | 160 A                  |                        | 160 A                  |                        | 160 A                                  |         | 160 A     |     |        |
| Affectation des phases |              |              | 3                      | 1                      | 3                      | 1                      | 2                      | 2                      | 123                                    |         |           |     |        |

BénieStructure

BUREAU ETUDES TECHNIQUES  
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MADINET CASABLANCA  
Tél / Fax : 022459-31-69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE AT AUTOMATI

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

94

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

©ALPI Caneco BT 5.80 Cracked by gta126

Révision

A

A

A

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

TABLEAU

GEID001

Amont

Secours

Repère

TPE AT

AUTOMATI

Désignation

I installée

Normal

16,24 A

Secours

I Totale

15,27 A

Ik3 max

9624 A

Ik1 max

6859 A

I max

0,56 %

TPE AT AUTOMATI

TPE AT AUTOMATI

2P1D

16 A

C

L 2

2P1D

16 A

C

L 3

2P1D

16 A

C

L 1

2P1D

16 A

C

L 1

2P1D

16 A

C

L 2

2P1D

16 A

C

L 3

4P3D

16 A

30 mA

C

|                   |                        |              |                        |                        |                        |                        |                        |                        |                                        |           |        |     |        |
|-------------------|------------------------|--------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|----------------------------------------|-----------|--------|-----|--------|
| CIRCUIT           | Repère                 | SJB_4        | TPE AT AUTPC01         | TPE AT AUTPC02         | TPE AT AUTPC03         | TPE AT AUTPC04         | TPE AT AUTPC05         | TPE AT AUTPC06         | TPE AT AUSJB003                        |           |        |     |        |
|                   | Désignation            |              | ATELIER<br>AUTOMATISME | ATELIER<br>AUTOMATISME | ATELIER<br>AUTOMATISME | ATELIER<br>AUTOMATISME | ATELIER<br>AUTOMATISME | ATELIER<br>AUTOMATISME | ATELIER MENUISERIE<br>ALUMENINIUM BOIS |           |        |     |        |
|                   | Nb                     | Consommation | 0                      | 4                      | 200W                   | 4                      | 200W                   | 4                      | 200W                                   | 4         | 200W   | 1   | 2kW    |
|                   | Alimentation           |              |                        | Normal                 | Normal                 | Normal                 | Normal                 | Normal                 | Normal                                 | Normal    |        |     |        |
| LIAISON           | JdB Amont              |              | SJB_4                  | SJB_4                  | SJB_4                  | SJB_4                  | SJB_4                  | SJB_4                  |                                        |           |        |     |        |
|                   | Type                   |              | U1000R2V (90°C)        | U1000R2V (90°C)        | U1000R2V (90°C)        | U1000R2V (90°C)        | U1000R2V (90°C)        | U1000R2V (90°C)        |                                        |           |        |     |        |
|                   | Longueur               | Ame          | 0 m                    | 14 m                   | Cu                     | 14 m                   | Cu                     | 14 m                   | Cu                                     | 14 m      | Cu     |     |        |
|                   | L.Max prot.            |              |                        | 70 m (CC)              | 70 m (CC)              | 70 m (CC)              | 70 m (CC)              | 70 m (CC)              | 70 m (CC)                              |           |        |     |        |
|                   | ΔU Circuit             | ΔU Totale    |                        | 0,4 %                  | 0,96 %                 | 0,4 %                  | 0,96 %                 | 0,4 %                  | 0,96 %                                 | 0,4 %     | 0,96 % | 0 % | 0,56 % |
|                   | Câble                  |              |                        | 3G2,5                  | 3G2,5                  | 3G2,5                  | 3G2,5                  | 3G2,5                  | 3G2,5                                  |           |        |     |        |
|                   | Neutre                 | Séparé       |                        |                        |                        |                        |                        |                        |                                        |           |        |     |        |
|                   | PE/PEN                 |              |                        |                        |                        |                        |                        |                        |                                        |           |        |     |        |
| Taux d'Harmonique |                        |              |                        |                        |                        |                        |                        |                        |                                        | TH <= 15% |        |     |        |
| PROT.             | Protection             |              | DT40                   | DT40                   | DT40                   | DT40                   | DT40                   | DT40                   | DT40N                                  | Type AC   |        |     |        |
|                   | Calibre                | IΔn          |                        | 16 A                   | 16 A                   | 16 A                   | 16 A                   | 16 A                   | 16 A                                   | 30 mA     |        |     |        |
|                   | Ir                     | Im / Isd     |                        | 160 A                  | 160 A                  | 160 A                  | 160 A                  | 160 A                  | 160 A                                  | 160 A     |        |     |        |
|                   | Affectation des phases |              |                        | 2                      | 3                      | 1                      | 1                      | 2                      | 3                                      | 123       |        |     |        |

BénieStructure

BUREAU ETUDE TECHNIQUE

01 Rue Mohammed VI - Agor -

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SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE AT AUTOMATI

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

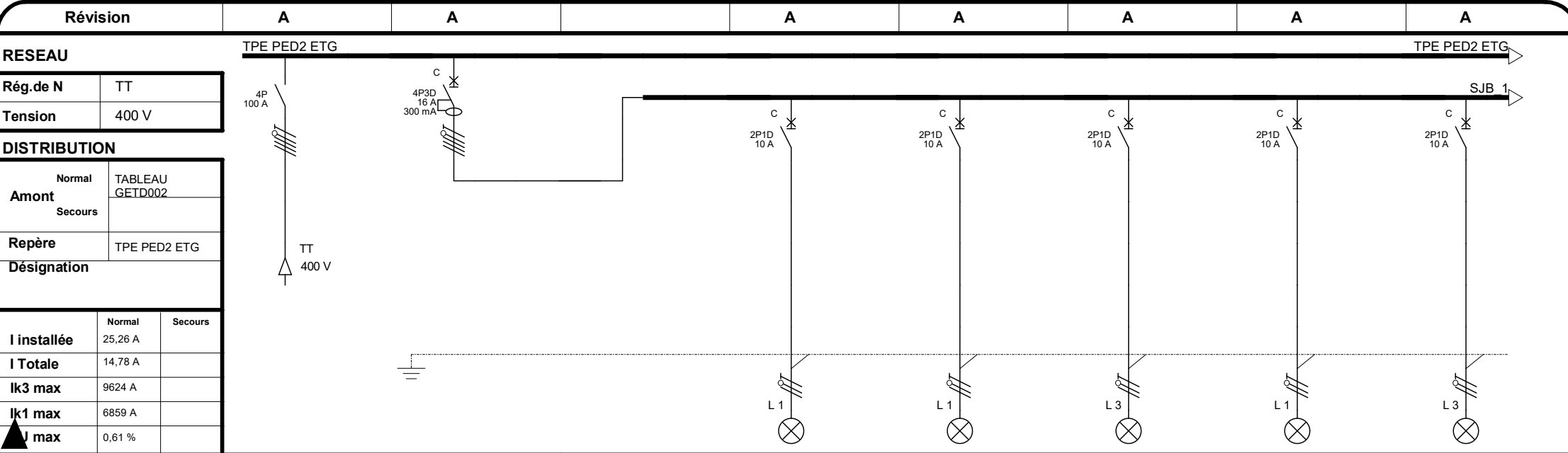
95

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

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|                                                                                     |                   |                                          |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------------|--------------|---------|-----------------|----------|-----------------|-------|-----------------|-------|-----------------|-------|--------|------------------------|-------|--|--------|--|--|--|--|--|--|--|--|
| Révision                                                                            |                   | A                                        |              | A       |                 | A        |                 | A     |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| RESEAU                                                                              |                   | TPE AT AUTOMATI                          |              |         |                 |          |                 |       |                 |       |                 |       |        | TPE AT AUTOMATI        |       |  |        |  |  |  |  |  |  |  |  |
| Rég.de N                                                                            |                   | TT                                       |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| Tension                                                                             |                   | 400 V                                    |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| DISTRIBUTION                                                                        |                   |                                          |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| Normal                                                                              |                   | TABLEAU                                  |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| Amont                                                                               |                   | GETD001                                  |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| Secours                                                                             |                   |                                          |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| Repère                                                                              |                   | TPE AT                                   |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| Désignation                                                                         |                   | AUTOMATI                                 |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| I installée                                                                         |                   | Normal                                   |              | Secours |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
|                                                                                     |                   | 16,24 A                                  |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| I Totale                                                                            |                   | 15,27 A                                  |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| Ik3 max                                                                             |                   | 9624 A                                   |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| Ik1 max                                                                             |                   | 6859 A                                   |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| J max                                                                               |                   | 0,56 %                                   |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| CIRCUIT                                                                             | Repère            |                                          | SJB_5        |         | TPE AT AUTPC07  |          | TPE AT AUTPC08  |       | TPE AT AUTPC09  |       | TPE AT AUTPC10  |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
|                                                                                     | Désignation       |                                          |              |         | ATELIER         |          | ATELIER         |       | ATELIER         |       | ATELIER         |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
|                                                                                     |                   |                                          |              |         | AUTOMATISME     |          | AUTOMATISME     |       | AUTOMATISME     |       | AUTOMATISME     |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
|                                                                                     | Nb                |                                          | Consommation |         | 0               |          | 4               |       | 200W            |       | 4               |       | 200W   |                        | 4     |  | 200W   |  |  |  |  |  |  |  |  |
| LIAISON                                                                             | Alimentation      |                                          |              |         | Normal          |          | Normal          |       | Normal          |       | Normal          |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
|                                                                                     | JdB Amont         |                                          |              |         | SJB_5           |          | SJB_5           |       | SJB_5           |       | SJB_5           |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
|                                                                                     | Type              |                                          |              |         | U1000R2V (90°C) |          | U1000R2V (90°C) |       | U1000R2V (90°C) |       | U1000R2V (90°C) |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
|                                                                                     | Longueur          |                                          | Ame          |         | 0 m             |          | 14 m            |       | Cu              |       | 14 m            |       | Cu     |                        | 14 m  |  | Cu     |  |  |  |  |  |  |  |  |
|                                                                                     | L.Max prot.       |                                          |              |         | 70 m (CC)       |          | 70 m (CC)       |       | 70 m (CC)       |       | 70 m (CC)       |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
|                                                                                     | ΔU Circuit        |                                          | ΔU Totale    |         |                 |          | 0,4 %           |       | 0,96 %          |       | 0,4 %           |       | 0,96 % |                        | 0,4 % |  | 0,96 % |  |  |  |  |  |  |  |  |
|                                                                                     | Câble             |                                          |              |         | 3G2,5           |          | 3G2,5           |       | 3G2,5           |       | 3G2,5           |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
|                                                                                     | Neutre            |                                          | Séparé       |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| PROT.                                                                               | PE/PEN            |                                          |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
|                                                                                     | Taux d'Harmonique |                                          |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
|                                                                                     | Protection        |                                          |              |         | DT40            |          | DT40            |       | DT40            |       | DT40            |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| Calibre                                                                             |                   | IΔn                                      |              |         |                 | 16 A     |                 | 16 A  |                 | 16 A  |                 | 16 A  |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| Ir                                                                                  |                   | Im / Isd                                 |              |         |                 | 160 A    |                 | 160 A |                 | 160 A |                 | 160 A |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| Affectation des phases                                                              |                   |                                          |              | 3       |                 | 3        |                 | 1     |                 | 2     |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
|  |                   | SCHEMA UNIFILAIRE                        |              |         |                 |          |                 |       |                 |       |                 |       |        | Avis Technique 15L-601 |       |  |        |  |  |  |  |  |  |  |  |
|                                                                                     |                   | Unif.Chantier 8 circuits TPE AT AUTOMATI |              |         |                 |          |                 |       |                 |       |                 |       |        | AFFAIRE:               |       |  |        |  |  |  |  |  |  |  |  |
|                                                                                     |                   |                                          |              |         |                 |          |                 |       |                 |       |                 |       |        | PLAN:                  |       |  |        |  |  |  |  |  |  |  |  |
|                                                                                     |                   |                                          |              |         |                 |          |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |
| Date :                                                                              |                   | 28/05/2024                               |              | Norme : |                 | C1510015 |                 |       |                 |       |                 |       |        |                        |       |  |        |  |  |  |  |  |  |  |  |



TPE PED2 ETG

TPE PED2 ETG

4P  
100 A

TT  
400 V

C

4P3D  
16 A  
300 mA

C

2P1D  
10 A

L 1

C

2P1D  
10 A

L 1

C

2P1D  
10 A

L 3

C

2P1D  
10 A

L 1

C

2P1D  
10 A

L 3

SJB 1

|                   |              |              |                 |           |                                     |        |         |  |                     |        |                     |        |                     |        |                     |        |                 |        |
|-------------------|--------------|--------------|-----------------|-----------|-------------------------------------|--------|---------|--|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|-----------------|--------|
| CIRCUIT           | Repère       |              | TABLEAU GETD002 |           | T_002SJB003                         |        | SJB_1   |  | T_002ECL01          |        | T_002ECL02          |        | TPE PED2 ECL03      |        | TPE PED2 ECL04      |        | TPE PED2 ECL05  |        |
|                   | Désignation  |              |                 |           | ATELIER MENUISERIE ALUMENINIUM BOIS |        |         |  | UNITE DE RESSOURCES |        | UNITE DE RESSOURCES |        | UNITE DE RESSOURCES |        | UNITE DE RESSOURCES |        | SALLE NUMERIQUE |        |
|                   | Nb           | Consommation | 1               | 14kW      | 1                                   | 500W   | 0       |  | 8                   | 40W    | 4                   | 40W    | 4                   | 40W    | 4                   | 40W    | 8               | 40W    |
|                   | Alimentation |              | Normal          |           | Normal                              |        |         |  | Normal              |        | Normal              |        | Normal              |        | Normal              |        | Normal          |        |
| LIAISON           | JdB Amont    |              |                 |           |                                     |        |         |  | SJB_1               |        | SJB_1               |        | SJB_1               |        | SJB_1               |        | SJB_1           |        |
|                   | Type         |              | U1000R2V (90°C) |           |                                     |        |         |  | U1000R2V (90°C)     |        | U1000R2V (90°C)     |        | U1000R2V (90°C)     |        | U1000R2V (90°C)     |        | U1000R2V (90°C) |        |
|                   | Longueur     | Ame          | 15 m            | Cu        |                                     |        | 0 m     |  | 12 m                | Cu     | 12 m                | Cu     | 12 m                | Cu     | 12 m                | Cu     | 12 m            | Cu     |
|                   | L.Max prot.  |              | 185 m (CC)      |           |                                     |        |         |  | 68 m (CC)           |        | 68 m (CC)           |        | 68 m (CC)           |        | 68 m (CC)           |        | 68 m (CC)       |        |
|                   | ΔU Circuit   | ΔU Totale    | 0,13 %          | 0,61 %    | 0 %                                 | 0,61 % |         |  | 0,23 %              | 0,84 % | 0,11 %              | 0,72 % | 0,11 %              | 0,72 % | 0,11 %              | 0,72 % | 0,23 %          | 0,84 % |
|                   | Câble        |              | 5G25            |           |                                     |        |         |  | 3G1,5               |        | 3G1,5               |        | 3G1,5               |        | 3G1,5               |        | 3G1,5           |        |
|                   | Neutre       | Séparé       |                 |           |                                     |        |         |  |                     |        |                     |        |                     |        |                     |        |                 |        |
|                   | PE/PEN       |              |                 |           |                                     |        |         |  |                     |        |                     |        |                     |        |                     |        |                 |        |
| Taux d'Harmonique |              | TH <= 15%    |                 | TH <= 15% |                                     |        |         |  |                     |        |                     |        |                     |        |                     |        |                 |        |
| PROT.             | Protection   |              | INS100          |           | DT40N                               |        | Type AC |  | DT40K               |        | DT40K               |        | DT40K               |        | DT40K               |        | DT40K           |        |
|                   |              |              |                 |           |                                     |        |         |  |                     |        |                     |        |                     |        |                     |        |                 |        |
|                   | Calibre      | IΔn          | 100 A           |           | 16 A                                | 300 mA |         |  | 10 A                |        | 10 A                |        | 10 A                |        | 10 A                |        | 10 A            |        |
|                   | Ir           | Im / Isd     |                 |           |                                     | 160 A  |         |  |                     | 100 A  |                     | 100 A  |                     | 100 A  |                     | 100 A  |                 | 100 A  |

Affectation des phases

123

Affectation des phases

123

Affectation des phases

1

Affectation des phases

1

Affectation des phases

3

Affectation des phases

1

Affectation des phases

3

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE PED2 ETG

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

97 / 115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

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Révision

A

A

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

TABLEAU

Amont

GETD002

Secours

Repère

TPE PED2 ETG

Désignation

I installée

Normal

25,26 A

Secours

I Totale

14,78 A

Ik3 max

9624 A

Ik1 max

6859 A

I max

0,61 %

TPE PED2 ETG

SJB\_1

C

2P1D

10 A

L 2

C

2P1D

10 A

L 1

C

2P1D

10 A

L 2

C

2P1D

10 A

L

E

C

2P1D

10 A

L 2

C

2P1D

10 A

L

E

C

2P1D

10 A

L 3

C

4P3D

16 A

30 mA

TPE PED2 ETG

CIRCUIT

Repère

Désignation

Nb

Consommation

Alimentation

LIAISON

JdB Amont

Type

Longueur

Ame

L.Max prot.

ΔU Circuit

ΔU Totale

Câble

Neutre

PE/PEN

Séparé

Taux d'Harmonique

PROT.

Protection

Calibre

IΔn

Ir

Im / Isd

TPE PED2 ECL06

SALLE NUMERIQUE

4

40W

Normal

SJB\_1

U1000R2V (90°C)

12 m

Cu

68 m (CC)

0,11 %

0,72 %

3G1,5

DT40K

10 A

100 A

2

TPE PED2 ECL07

SALLE NUMERIQUE

4

40W

Normal

SJB\_1

U1000R2V (90°C)

12 m

Cu

68 m (CC)

0,11 %

0,72 %

3G1,5

DT40K

10 A

100 A

1

TPE PED2 ECL08

SALLE NUMERIQUE

4

40W

Normal

SJB\_1

U1000R2V (90°C)

12 m

Cu

68 m (CC)

0,11 %

0,72 %

3G1,5

DT40K

10 A

100 A

2

TPE PED2 AS\_001

BP commande

télérupteu

0

SJB\_1

U1000R2V (90°C)

0 m

TPE PED2 ECL09

COULOIR

9

20W

Normal

SJB\_1

U1000R2V (90°C)

12 m

Cu

68 m (CC)

0,13 %

0,74 %

3G1,5

DT40K

10 A

100 A

2

TPE PED2 AS\_002

BP commande

télérupteu

0

SJB\_1

U1000R2V (90°C)

0 m

TPE PED2 ECL010

COULOIR

6

20W

Normal

SJB\_1

U1000R2V (90°C)

12 m

Cu

68 m (CC)

0,09 %

0,69 %

3G1,5

DT40K

10 A

100 A

3

T\_002SJB004

ATELIER MENUISERIE

ALUMENINIUM BOIS

1

2kW

Normal

TH <= 15%

DT40N

Type AC

16 A

30 mA

160 A

123

BénieStructure

BUREAU ETUDE TECHNIQUE

01 Rue Mohammed VI - Agor -

INHAUS - CASABLANCA

Tel / Fax : 02255-91-69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE PED2 ETG

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

98

115

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Révision

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

Amont

Secours

TABLEAU

GETD002

Repère

TPE PED2 ETG

Désignation

I installée

25,26 A

I Totale

14,78 A

Ik3 max

9624 A

Ik1 max

6859 A

I max

0,61 %

TPE PED2 ETG

CIRCUIT

Repère

TPE PED2 AS\_003

TPE PED2 AS\_004

Désignation

Nb

Consommation

0

0

Alimentation

LIAISON

JdB Amont

Type

Longueur

Ame

0 m

0 m

L.Max prot.

ΔU Circuit

ΔU Totale

Câble

Neutre

PE/PEN

Séparé

Taux d'Harmonique

PROT.

Protection

Calibre

IΔn

Ir

Im / Isd

Affectation des phases

BénieStructure

BUREAU ETUDES TECHNIQUES

01 833 8000 Email: gta@bs.ma

MARJANE-CASABLANCA

Tel / Fax : 022455-311-69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE PED2 ETG

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

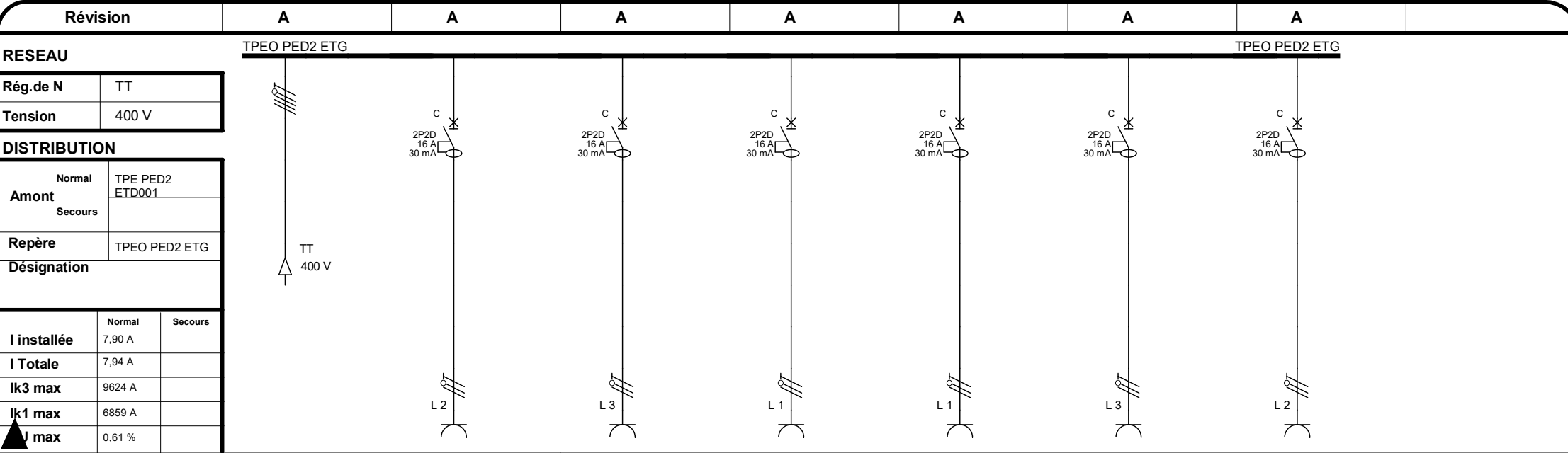
Folio

100

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

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|                        |              |              |                 |        |                      |        |                      |        |                      |        |                    |        |                    |        |                    |        |  |  |
|------------------------|--------------|--------------|-----------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|--------------------|--------|--------------------|--------|--------------------|--------|--|--|
| CIRCUIT                | Repère       |              | TPE PED2 ETD001 |        | T_001PC017           |        | T_001PC018           |        | T_001PC019           |        | T_001PC020         |        | T_001PC021         |        | T_001PC022         |        |  |  |
|                        | Désignation  |              |                 |        | UNITES DE RESSOURCES |        | UNITES DE RESSOURCES |        | UNITES DE RESSOURCES |        | Salle Numérique    |        | Salle Numérique    |        | Salle Numérique    |        |  |  |
|                        | Nb           | Consommation | 1               | 7,9A   | 3                    | 200W   | 4                    | 200W   | 4                    | 200W   | 3                  | 200W   | 4                  | 200W   | 4                  | 200W   |  |  |
|                        | Alimentation |              | Normal          |        | Normal               |        | Normal               |        | Normal               |        | Normal             |        | Normal             |        | Normal             |        |  |  |
| LIAISON                | JdB Amont    |              |                 |        |                      |        |                      |        |                      |        |                    |        |                    |        |                    |        |  |  |
|                        | Type         |              |                 |        | U1000R2V (90°C)      |        | U1000R2V (90°C)      |        | U1000R2V (90°C)      |        | U1000R2V (90°C)    |        | U1000R2V (90°C)    |        | U1000R2V (90°C)    |        |  |  |
|                        | Longueur     | Ame          | 0 m             |        | 14 m                 | Cu     | 14 m                 | Cu     | 14 m                 | Cu     | 14 m               | Cu     | 14 m               | Cu     | 14 m               | Cu     |  |  |
|                        | L.Max prot.  |              | 3 m (CC)        |        | 73 m (CC)            |        | 73 m (CC)            |        | 73 m (CC)            |        | 73 m (CC)          |        | 73 m (CC)          |        | 73 m (CC)          |        |  |  |
|                        | ΔU Circuit   | ΔU Totale    | 0 %             | 0,61 % | 0,3 %                | 0,91 % | 0,4 %                | 1,01 % | 0,4 %                | 1,01 % | 0,3 %              | 0,91 % | 0,4 %              | 1,01 % | 0,4 %              | 1,01 % |  |  |
|                        | Câble        |              |                 |        | 3G2,5                |        | 3G2,5                |        | 3G2,5                |        | 3G2,5              |        | 3G2,5              |        | 3G2,5              |        |  |  |
|                        | Neutre       | Séparé       |                 |        |                      |        |                      |        |                      |        |                    |        |                    |        |                    |        |  |  |
|                        | PE/PEN       |              |                 |        |                      |        |                      |        |                      |        |                    |        |                    |        |                    |        |  |  |
| Taux d'Harmonique      |              | TH <= 15%    |                 |        |                      |        |                      |        |                      |        |                    |        |                    |        |                    |        |  |  |
| PROT.                  | Protection   |              |                 |        | iC60N      Type AC   |        | iC60N      Type AC   |        | iC60N      Type AC   |        | iC60N      Type AC |        | iC60N      Type AC |        | iC60N      Type AC |        |  |  |
|                        |              |              |                 |        |                      |        |                      |        |                      |        |                    |        |                    |        |                    |        |  |  |
|                        | Calibre      | IΔn          |                 |        | 16 A                 | 30 mA  | 16 A                 | 30 mA  | 16 A                 | 30 mA  | 16 A               | 30 mA  | 16 A               | 30 mA  | 16 A               | 30 mA  |  |  |
| Ir                     |              | Im / Isd     |                 |        |                      |        | 153,6 A              |        | 153,6 A              |        | 153,6 A            |        | 153,6 A            |        | 153,6 A            |        |  |  |
| Affectation des phases |              |              | 123             |        | 2                    |        | 3                    |        | 1                    |        | 1                  |        | 3                  |        | 2                  |        |  |  |



SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPEO PED2 ETG

A

Ind.

Date : 28/05/2024

Norme : C1510015

MODIFICATIONS

Avis Technique 15L-601

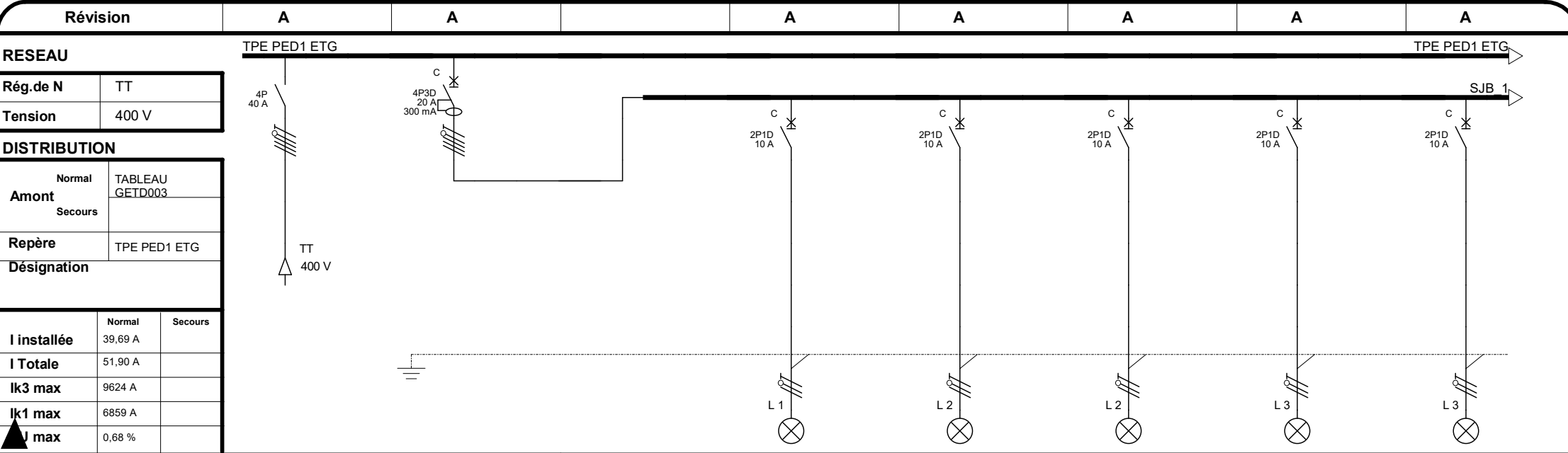
AFFAIRE:

PLAN:

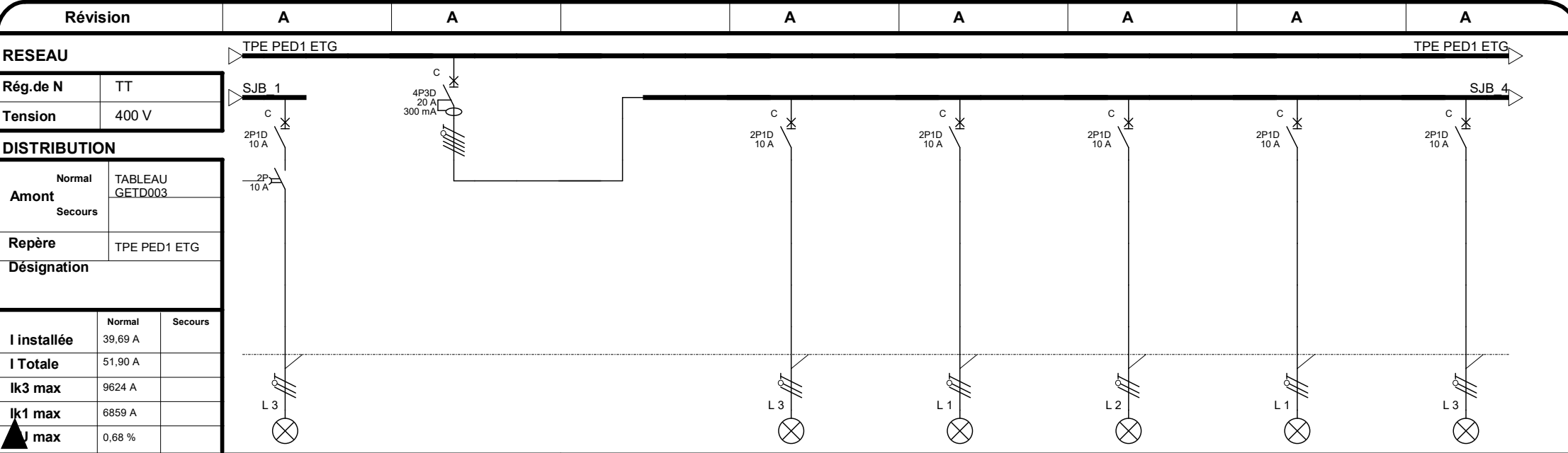
Folio

101

115



|                                                                                     |              |                                       |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
|-------------------------------------------------------------------------------------|--------------|---------------------------------------|--------------------------|---------|-------------------------|----------|-----------------|---|-------------------------|---|-----------------|--------------|-------------------------|------------------------|-----------------|---------------------------------------------------------------------------------------|-------------------------|--|--|--|
| Révision                                                                            |              | A                                     |                          | A       |                         | A        |                 | A |                         | A |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| RESEAU                                                                              |              | TPE PED1 ETG                          |                          |         |                         |          |                 |   |                         |   |                 | TPE PED1 ETG |                         |                        |                 |                                                                                       |                         |  |  |  |
| Rég.de N                                                                            |              | TT                                    |                          | SJB 1   |                         |          |                 |   |                         |   |                 |              |                         | SJB 1                  |                 |                                                                                       |                         |  |  |  |
| Tension                                                                             |              | 400 V                                 |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| DISTRIBUTION                                                                        |              |                                       |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| Normal                                                                              |              | TABLEAU                               |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| Amont                                                                               |              | GETD003                               |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| Secours                                                                             |              |                                       |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| Repère                                                                              |              | TPE PED1 ETG                          |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| Désignation                                                                         |              |                                       |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| I installée                                                                         |              | Normal                                |                          | Secours |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| I Totale                                                                            |              | 39,69 A                               |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| Ik3 max                                                                             |              | 51,90 A                               |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| Ik1 max                                                                             |              | 9624 A                                |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| I max                                                                               |              | 6859 A                                |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| J max                                                                               |              | 0,68 %                                |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| CIRCUIT                                                                             | Repère       |                                       | TPE PED1 ECL6            |         | TPE PED1 AS_002         |          | TPE PED1 ECL7   |   | TPE PED1 AS_004         |   | TPE PED1 ECL8   |              | TPE PED1 AS_005         |                        | TPE PED1 ECL9   |                                                                                       | TPE PED1 AS_006         |  |  |  |
|                                                                                     | Désignation  |                                       | LOBORATOIRE ELECTRONIQUE |         | BP commande télérupteur |          | COULOIR         |   | BP commande télérupteur |   | COULOIR         |              | BP commande télérupteur |                        | COULOIR         |                                                                                       | BP commande télérupteur |  |  |  |
|                                                                                     | Nb           |                                       | Consommation             |         | 8                       |          | 40W             |   | 0                       |   |                 |              | 8                       |                        | 20W             |                                                                                       | 0                       |  |  |  |
|                                                                                     | Alimentation |                                       | Normal                   |         |                         |          | Normal          |   |                         |   | Normal          |              |                         |                        | Normal          |                                                                                       |                         |  |  |  |
| LIAISON                                                                             | JdB Amont    |                                       | SJB_1                    |         | SJB_1                   |          | SJB_1           |   | SJB_1                   |   | SJB_1           |              | SJB_1                   |                        | SJB_1           |                                                                                       | SJB_1                   |  |  |  |
|                                                                                     | Type         |                                       | U1000R2V (90°C)          |         |                         |          | U1000R2V (90°C) |   |                         |   | U1000R2V (90°C) |              |                         |                        | U1000R2V (90°C) |                                                                                       |                         |  |  |  |
|                                                                                     | Longueur     |                                       | Ame                      |         | 12 m                    |          | Cu              |   | 0 m                     |   |                 |              | 12 m                    |                        | Cu              |                                                                                       | 0 m                     |  |  |  |
|                                                                                     | L.Max prot.  |                                       | 68 m (CC)                |         |                         |          | 68 m (CC)       |   |                         |   | 68 m (CC)       |              |                         |                        | 68 m (CC)       |                                                                                       |                         |  |  |  |
|                                                                                     | ΔU Circuit   |                                       | ΔU Totale                |         | 0,23 %                  |          | 0,91 %          |   |                         |   |                 |              | 0,17 %                  |                        | 0,85 %          |                                                                                       |                         |  |  |  |
|                                                                                     | Câble        |                                       | 3G1,5                    |         | 2X1,5                   |          | 3G1,5           |   | 2X1,5                   |   | 3G1,5           |              | 2X1,5                   |                        | 3G1,5           |                                                                                       | 2X1,5                   |  |  |  |
|                                                                                     | Neutre       |                                       | Séparé                   |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
|                                                                                     | PE/PEN       |                                       |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |
| PROT.                                                                               | Protection   |                                       | DT40                     |         |                         |          | DT40            |   |                         |   | DT40            |              |                         |                        | DT40            |                                                                                       |                         |  |  |  |
|                                                                                     | Calibre      |                                       | IΔn                      |         | 10 A                    |          |                 |   | 10 A                    |   |                 |              | 10 A                    |                        |                 |                                                                                       | 10 A                    |  |  |  |
|                                                                                     | Ir           |                                       | Im / Isd                 |         | 100 A                   |          |                 |   | 100 A                   |   |                 |              | 100 A                   |                        |                 |                                                                                       | 100 A                   |  |  |  |
| Affectation des phases                                                              |              | 1                                     |                          |         |                         | 3        |                 |   |                         | 1 |                 |              |                         | 2                      |                 |                                                                                       |                         |  |  |  |
|  |              | SCHEMA UNIFILAIRE                     |                          |         |                         |          |                 |   |                         |   |                 |              |                         | Avis Technique 15L-601 |                 |  |                         |  |  |  |
|                                                                                     |              | Unif.Chantier 8 circuits TPE PED1 ETG |                          |         |                         |          |                 |   |                         |   |                 |              |                         | AFFAIRE:               |                 | Folio                                                                                 |                         |  |  |  |
|                                                                                     |              |                                       |                          |         |                         |          |                 |   |                         |   |                 |              |                         | PLAN:                  |                 | 103                                                                                   |                         |  |  |  |
|                                                                                     |              |                                       |                          |         |                         |          |                 |   |                         |   |                 |              |                         |                        |                 | 115                                                                                   |                         |  |  |  |
| Date :                                                                              |              | 28/05/2024                            |                          | Norme : |                         | C1510015 |                 |   |                         |   |                 |              |                         |                        |                 |                                                                                       |                         |  |  |  |



RESEAU

TPE PED1 ETG

TPE PED1 ETG

SJB 1

C

4P3D

20 A

300 mA

2P1D

10 A

2P

10 A

L 3

C

2P1D

10 A

L 3

C

2P1D

10 A

L 1

C

2P1D

10 A

L 2

C

2P1D

10 A

L 1

C

2P1D

10 A

L 3

SJB 4

|                        |              |              |                 |        |                                     |        |         |  |                 |        |                 |        |                 |        |                 |        |                 |        |
|------------------------|--------------|--------------|-----------------|--------|-------------------------------------|--------|---------|--|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|
| CIRCUIT                | Repère       |              | TPE PED1 ECL10  |        | TPE PED1 SJB005                     |        | SJB_4   |  | TPE PED1 ECL11  |        | TPE PED1 ECL12  |        | TPE PED1 ECL13  |        | TPE PED1 ECL14  |        | TPE PED1 ECL15  |        |
|                        | Désignation  |              | COULOIR         |        | ATELIER MENUISERIE ALUMENINIUM BOIS |        |         |  | SALLE DE COURS  |        | SALLE DE COURS  |        | SALLE DE COURS  |        | SALLE DE COURS  |        | SALLE DE COURS  |        |
|                        | Nb           | Consommation | 7               | 20W    | 1                                   | 500W   | 0       |  | 8               | 40W    | 8               | 40W    | 4               | 40W    | 8               | 40W    | 8               | 40W    |
|                        | Alimentation |              | Normal          |        | Normal                              |        |         |  | Normal          |        | Normal          |        | Normal          |        | Normal          |        | Normal          |        |
| LIAISON                | JdB Amont    |              | SJB_1           |        |                                     |        |         |  | SJB_4           |        | SJB_4           |        | SJB_4           |        | SJB_4           |        | SJB_4           |        |
|                        | Type         |              | U1000R2V (90°C) |        |                                     |        |         |  | U1000R2V (90°C) |        | U1000R2V (90°C) |        | U1000R2V (90°C) |        | U1000R2V (90°C) |        | U1000R2V (90°C) |        |
|                        | Longueur     | Ame          | 12 m            | Cu     |                                     |        | 0 m     |  | 12 m            | Cu     | 12 m            | Cu     | 12 m            | Cu     | 12 m            | Cu     | 12 m            | Cu     |
|                        | L.Max prot.  |              | 68 m (CC)       |        |                                     |        |         |  | 68 m (CC)       |        | 68 m (CC)       |        | 68 m (CC)       |        | 68 m (CC)       |        | 68 m (CC)       |        |
|                        | ΔU Circuit   | ΔU Totale    | 0,1 %           | 0,78 % | 0 %                                 | 0,68 % |         |  | 0,23 %          | 0,91 % | 0,23 %          | 0,91 % | 0,11 %          | 0,80 % | 0,23 %          | 0,91 % | 0,23 %          | 0,91 % |
|                        | Câble        |              | 3G1,5           |        |                                     |        |         |  | 3G1,5           |        | 3G1,5           |        | 3G1,5           |        | 3G1,5           |        | 3G1,5           |        |
|                        | Neutre       | Séparé       |                 |        |                                     |        |         |  |                 |        |                 |        |                 |        |                 |        |                 |        |
| PROT.                  | Protection   |              | DT40            |        | DT40                                |        | Type AC |  | DT40            |        | DT40            |        | DT40            |        | DT40            |        | DT40            |        |
|                        | Calibre      | IΔn          | 10 A            |        | 20 A                                | 300 mA |         |  | 10 A            |        | 10 A            |        | 10 A            |        | 10 A            |        | 10 A            |        |
|                        | Ir           | Im / Isd     |                 | 100 A  |                                     | 200 A  |         |  |                 | 100 A  |                 | 100 A  |                 | 100 A  |                 | 100 A  |                 | 100 A  |
| Affectation des phases |              |              | 3               |        | 123                                 |        |         |  | 3               |        | 1               |        | 2               |        | 1               |        | 3               |        |



SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE PED1 ETG

A

Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio 104 / 115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

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Révision

A

A

A

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

TABLEAU

Amont

GETD003

Secours

Repère

TPE PED1 ETG

Désignation

I installée

Normal

39,69 A

Secours

I Totale

51,90 A

Ik3 max

9624 A

Ik1 max

6859 A

I max

0,68 %

TPE PED1 ETG

SJB\_5

C

2P1D

16 A

L 1

L 3

L 1

L 2

L 2

L 1

C

4P3D

20 A

30 mA

TPE PED1 ETG

CIRCUIT

Repère

Désignation

Nb

Consommation

Alimentation

TPE PED1 EPC001

SALLE DE LOGICEIL

2

200W

Normal

TPE PED1 EPC002

SALLE DE LOGICEIL

2

200W

Normal

TPE PED1 EPC003

SALLE DE LOGICEIL

2

200W

Normal

TPE PED1 EPC004

SALLE DE LOGICEIL

2

200W

Normal

TPE PED1 EPC005

SALLE DE LOGICEIL

2

200W

Normal

TPE PED1 EPC006

SALLE DE LOGICEIL

2

200W

Normal

TPE PED1 SJB007

ATELIER MENUISERIE

1

1,5kW

Normal

SJB\_6

LIAISON

JdB Amont

Type

Longueur

Ame

L.Max prot.

ΔU Circuit

ΔU Totale

Câble

Neutre

PE/PEN

Taux d'Harmonique

SJB\_5

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,86 %

3G2,5

SJB\_5

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,86 %

3G2,5

SJB\_5

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,86 %

3G2,5

SJB\_5

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,86 %

3G2,5

SJB\_5

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,86 %

3G2,5

SJB\_5

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,86 %

3G2,5

0 m

0 %

0,68 %

TH <= 15%

PROT.

Protection

Calibre

IΔn

Ir

IΔm / IΔsd

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40

Type AC

20 A

30 mA

200 A

Affectation des phases

1

3

1

2

2

1

123

Logo

GENIESTRUCTURE

BUREAU ETUDES TECHNIQUES

01 833 8000

06 622 95 31 69

INDUSTRIE CASABLANCA

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE PED1 ETG

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Ind.

MODIFICATIONS

Date : 28/05/2024

Norme : C1510015

Avis Technique 15L-601

AFFAIRE:

PLAN:

Folio

108

115

Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

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Révision

A

A

A

A

A

A

A

A

RESEAU

Rég.de N

TT

Tension

400 V

DISTRIBUTION

Normal

TABLEAU

Amont

GETD003

Secours

Repère

TPE PED1 ETG

Désignation

I installée

Normal

39,69 A

Secours

I Totale

51,90 A

Ik3 max

9624 A

Ik1 max

6859 A

I max

0,68 %

TPE PED1 ETG

SJB 6

C

2P1D

16 A

L 2

C

2P1D

16 A

L 2

C

2P1D

16 A

L 1

C

2P1D

16 A

L 2

C

2P1D

16 A

L 3

C

2P1D

16 A

L 3

C

2P1D

16 A

L 1

C

4P3D

20 A

30 mA

TPE PED1 ETG

CIRCUIT

Repère

Désignation

Nb

Consommation

Alimentation

TPE PED1 EPC007

SALLE DE LOGICEIL

2

200W

Normal

TPE PED1 EPC008

SALLE DE LOGICEIL

2

200W

Normal

TPE PED1 EPC009

SALLE DE LOGICEIL

2

200W

Normal

TPE PED1 EPC010

SALLE DE LOGICEIL

2

200W

Normal

TPE PED1 EPC011

SALLE DE LOGICEIL

2

200W

Normal

TPE PED1 EPC012

SALLE DE LOGICEIL

2

200W

Normal

TPE PED1 EPC013

SALLE DE LOGICEIL

2

200W

Normal

TPE PED1 SJB010

ATELIER MENUISERIE ALUMENINIUM BOIS

1

1,5kW

Normal

LIAISON

JdB Amont

Type

Longueur

Ame

L.Max prot.

ΔU Circuit

ΔU Totale

Câble

Neutre

PE/PEN

Séparé

Taux d'Harmonique

SJB\_6

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,86 %

3G2,5

SJB\_6

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,86 %

3G2,5

SJB\_6

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,86 %

3G2,5

SJB\_6

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,86 %

3G2,5

SJB\_6

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,86 %

3G2,5

SJB\_6

U1000R2V (90°C)

12 m

Cu

70 m (CC)

0,17 %

0,86 %

3G2,5

0 %

0,68 %

TH <= 15%

PROT.

Protection

Calibre

IΔn

Ir

Im / Isd

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40

16 A

160 A

DT40

20 A

Type AC

30 mA

200 A

Affectation des phases

2

2

1

2

3

3

1

123

BénieStructure

BUREAU ENCEES TECHNIQUES

01 Rue Mohammed VI - Aggr 4

INASSIF-CASABLANCA

Tel / Fax : 022255-31-69

SCHEMA UNIFILAIRE

Unif.Chantier 8 circuits TPE PED1 ETG

A

Ind.

MODIFICATIONS

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PLAN:

Folio

109

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Fichier : SCHEMA UNIFILAIRE OULED SALAH 28062024.afr

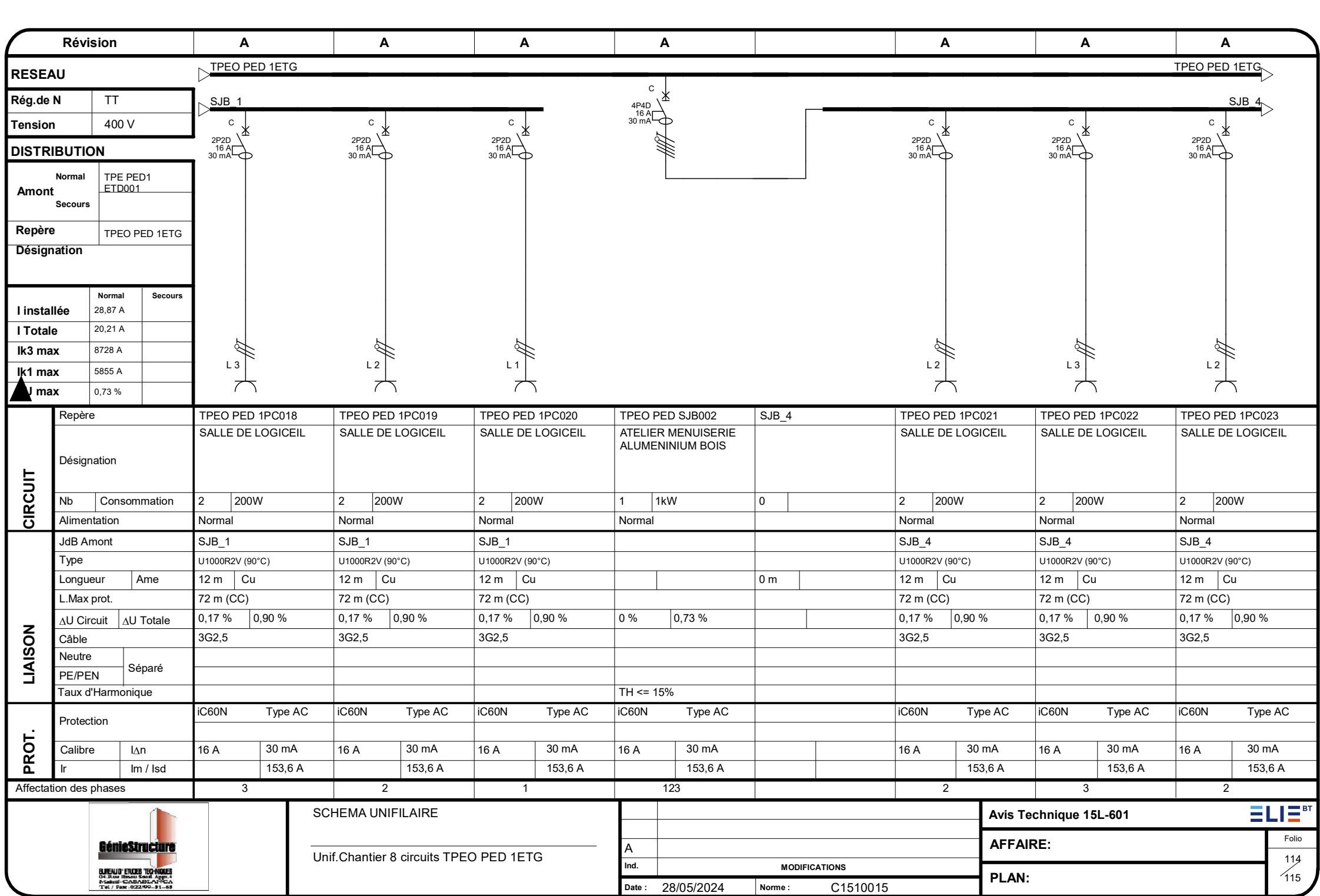
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