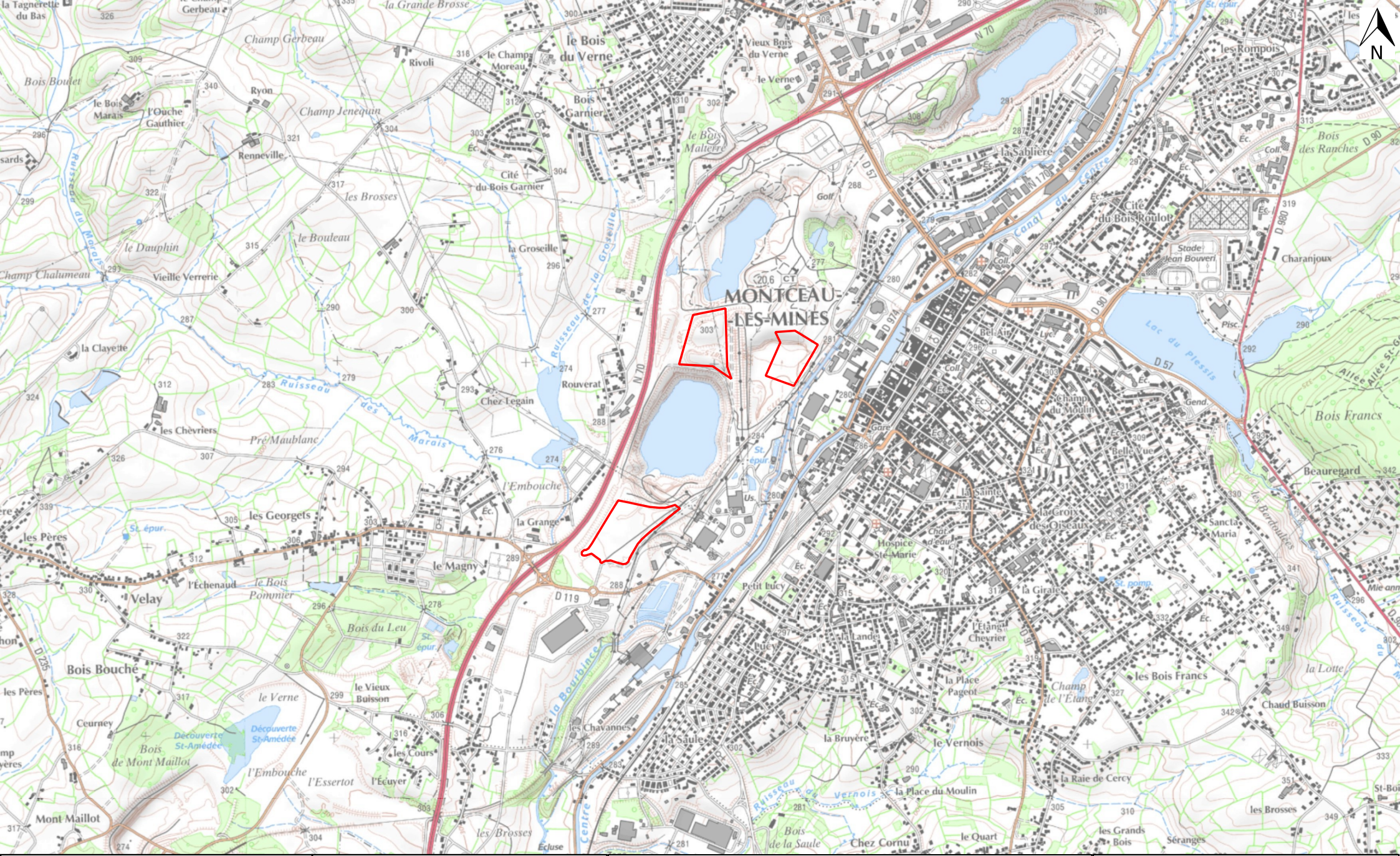


suez

ENGIE Green

Parc photovoltaïque de Montceau-les-mines

Légende

Périmètre du projet

Numéro de plan : 01

Date : 04/04/2019

1:25 000

DIRECTION GÉNÉRALE DES FINANCES PUBLIQUES

PLAN DE SITUATION

Département :
SAONE ET LOIRE

Commune :
MONTCEAU LES MINES

Section : CO
Feuille : 000 CO 01

Échelle d'origine : 1/2000
Échelle d'édition : 1/5000

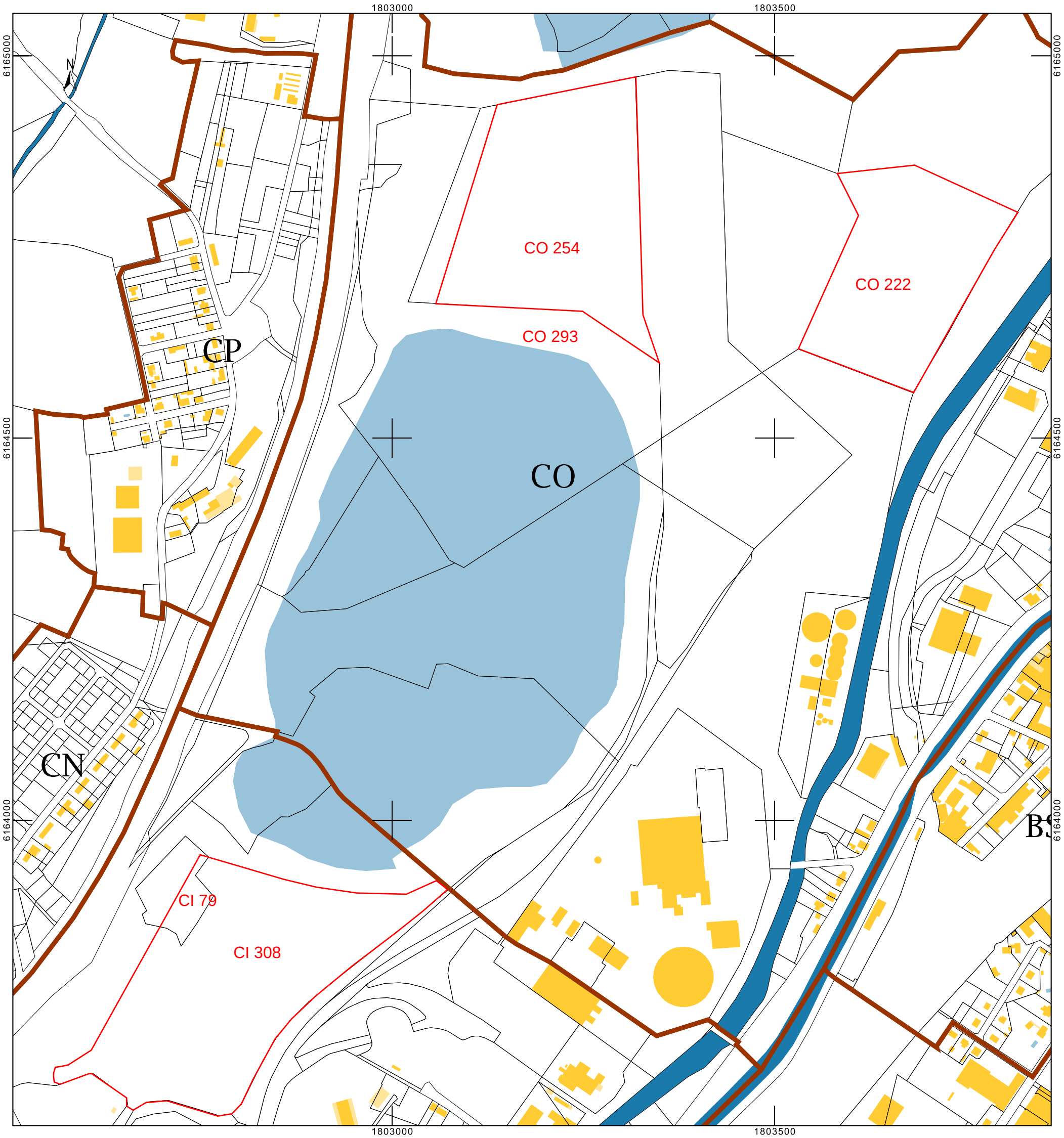
Date d'édition : 04/04/2019
(fuseau horaire de Paris)

Coordonnées en projection : RGF93CC47

Le plan visualisé sur cet extrait est géré par le centre des impôts foncier suivant :
CDIF DE CHALON SUR SAONE
CENTRE DES FINANCES PUBLIQUES 11 AVENUE PIERRE NUGUE 71100
71100 CHALON SUR SAONE
tél. 03 85 41 71 83 -fax 03 85 41 71 84
cdif.chalon-sur-saone@dgfip.finances.gouv.fr

Cet extrait de plan vous est délivré par :

cadastre.gouv.fr



Parc Ouest	
Nbr de panneaux :	10 444
Puissance :	3.655 MWc

Parc Est	
Nbr de panneaux :	9 240
Puissance :	3.234 MWc

Parc Sud	
Nbr de panneaux :	18 956
Puissance :	6.634 MWc

LEGENDE

- Limites de Parcelles
- 00-00 Numéro de Parcelle
- Structure photovoltaïque
- Clôture grillagée S = 112388 m²
- Poste de livraison
- Poste de conversion
- Poste de stockage 6.0x2.4
- Zone de grutage
- Servitude de passage tout usages largeurs 4m et canalisations souterraines
- Retrait 5m pour servitude de passage vers lac
- Servitude réseaux enterrés

Maître d'ouvrage :
ENGIE GREEN

Maître d'oeuvre :

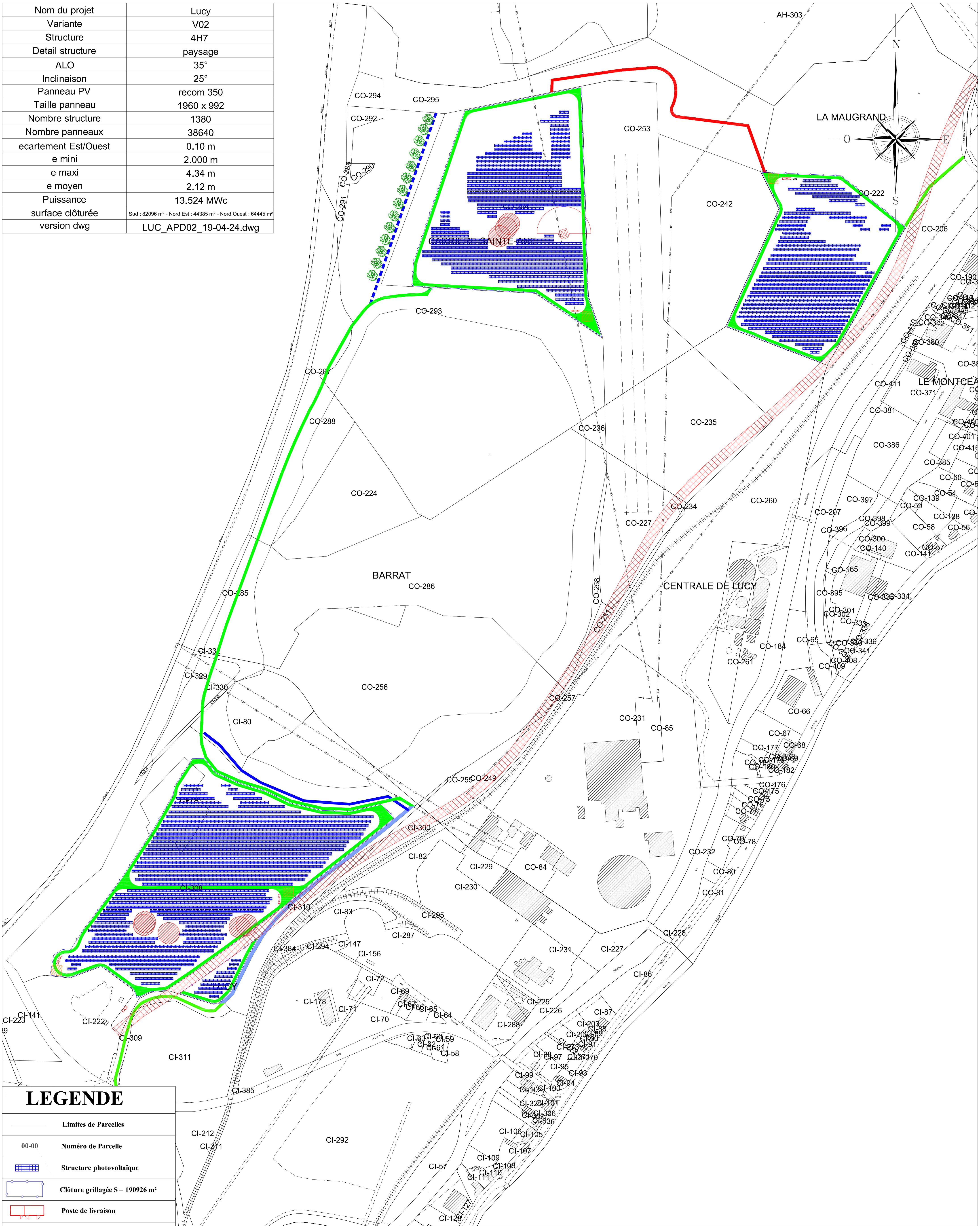
"Le Triade II"
Parc d'Activités Millénaire II
215 rue Samuel Morse - CS 20756
34967 MONTPELLIER Cedex2

Tél: 04 99 52 64 70 - Fax: 04 99 54 64 71
Mail: info.egn@engie.com

Centrale photovoltaïque de Lucy
Commune de Montceau les Mines (71300)
Plan de Masse

Date	Modifications		
		LUC_APD02_19-04-24 - masse_photo	
14/05/2019	Modification ajout poste de stockage	Echelle : 1/5000	
30/04/2019	Modification implantation, ajout zone d'exclusion	Auteur : OH	Vérifié par : BT
19/02/2019	Création ticket rèf GLPI 2018 n°: 272	Indice: B	Format papier: A3

Nom du projet	Lucy
Variante	V02
Structure	4H7
Detail structure	paysage
ALO	35°
Inclinaison	25°
Panneau PV	recom 350
Taille panneau	1960 x 992
Nombre structure	1380
Nombre panneaux	38640
ecartement Est/Ouest	0.10 m
e mini	2.000 m
e maxi	4.34 m
e moyen	2.12 m
Puissance	13.524 MWc
surface clôturée	Sud : 82096 m² - Nord Est : 44385 m² - Nord Ouest : 64445 m²
version dwg	LUC_APD02_19-04-24.dwg



LEGENDE

	Limites de Parcelles
00-00	Numéro de Parcelle
	Structure photovoltaïque
	Clôture grillagée S = 190926 m²
	Poste de livraison
	Poste de conversion
	Poste de stockage 6.0x2.4
	Zone de grutage
	Zone d'exclusion puits (r = 16m)
	Servitude de passage tout usages largeurs 4m et canalisations souterraines
	Retrait 5m pour servitude de passage vers lac
	Servitude réseaux enterrés
	Servitude PLU

Maître d'ouvrage :

ENGIE GREEN

Maître d'oeuvre :

ENGIE Green

"Le Triade II"
Parc d'Activités Millénaire II
215 rue Samuel Morse - CS 20756
34967 MONTPELLIER Cedex2

Tél: 04 99 52 64 70 - Fax: 04 99 54 64 71
Mail: info.egn@engie.com

Centrale photovoltaïque de Lucy
Commune de Montceau les Mines (71300)
Plan de Masse

		LUC_APD02_19-04-24 - masse	
		Echelle : 1/5000	
14/05/2019	Modification ajout poste de stockage	Auteur : DC	Vérifié par : BT
19/02/2019	Création ticket rèf GLPI 2018 n°: 272	Indice: E	Format papier: A3
Date	Modifications		

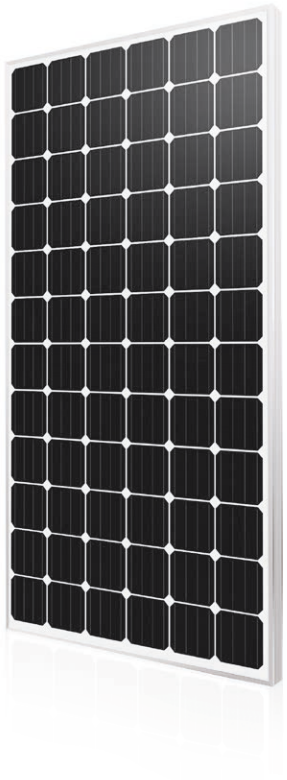
MONO CRYSTALLINE MODULE

330 / 335 / 340 / 345 / 350 / 355 / 360 / 365 / 370 Watts

Black Panther

Overview

A fully certified, premium quality and high efficiency module made with A Grade materials. Guaranteed positive tolerance of up to 5W, providing a higher output compared to our leading competitors.



Guaranteed mechanical resistance to severe weather conditions

5W

Guaranteed Positive Tolerance up to 5W

EL

100 % electro-luminescence tested

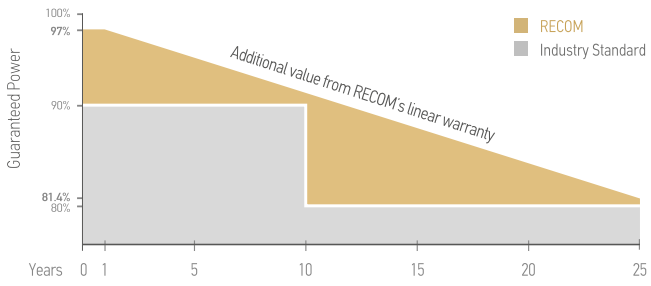
Key Benefits

- Certified by Independent Engineering Bodies
- Product Liability Insurance
- Manufactured in EU
- 15 Years Limited Product Warranty
- Anti-PID Technology
- Low Carbon Footprint

Tests, Certifications and Warranties

Standard Tests	UL1703, IEC 61215, IEC 61730
Factory Quality Tests	ISO 9001: 2008, ISO 14001: 2004, ISO17025: 2005
Certifications	Fire Rating Type 1, conformity to CE, PV CYCLE
Insurance	Product liability insurance provided by Allianz
Wind and Snow Loads Testing	Module certified to withstand extreme wind (2400 Pascal) and snow loads (5400 Pascal)
Positive Tolerance	Guaranteed positive tolerance of up to 5W
Junction Box	IP67 Rated, 3 diodes
Warranties	• 15-year limited product warranty • 15-year manufacturer warranty on 88.55% of the nominal performance • 25-year transferable linear power output warranty

Linear Performance Warranty



First Year Output	≥ 97%	2-24 Year Decline	≤ 0.65%	25 Year Output	≥ 81.4%

MONO CRYSTALLINE MODULE

RCM-xxx-6MA (xxx=330-370)

Electrical Characteristics

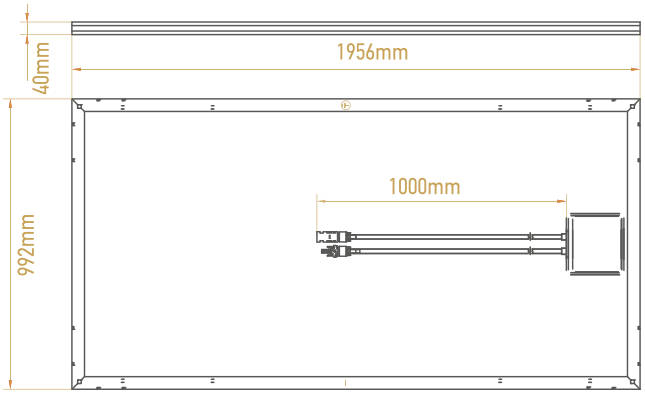
Rated Power	330W	335W	340W	345W	350W	355W	360W	365W	370W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
Maximum Power Voltage (Vmp)	37.78V	37.88V	38.20V	38.41V	38.57V	38.76V	38.96V	39.30V	39.78V
Maximum Power Current (Imp)	8.74A	8.85A	8.91A	8.99A	9.08A	9.17A	9.25A	9.29A	9.31A
Open Circuit Voltage (Voc)	46.10V	46.45V	46.88V	47.01V	47.21V	47.42V	47.64V	48.04V	48.33V
Short Circuit Current (Isc)	9.36A	9.39A	9.42A	9.48A	9.56A	9.64A	9.72A	9.77A	9.83A
Module Efficiency	17.01%	17.26%	17.52%	17.78%	18.04%	18.30%	18.55%	18.81%	19.07%
Maximum Series Fuse	15A	15A	15A	15A	15A	15A	15A	15A	20A
Maximum System Voltage	1.000 VDC (IEC) - 1.000 VDC (UL) / 1.500 VDC (upon request)								

Tested at Standard Test Conditions. Measurement tolerances: ± 3%

Mechanical Data

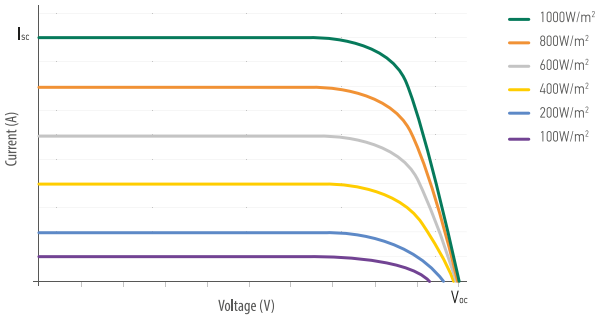
Dimensions	1956mm x 992mm x 40mm
Weight	24.0 Kg
Frame	Anodized aluminum
Front Glass	3.2mm ARC, low iron, tempered glass
Output Cables	TUV (2Pfg1169:2007), UL 4703, UL44 4.0mm² (0.006 in²), symmetrical lengths (-) 1000mm and (+) 1000mm, MC4 type connectors

Dimensions



I-V Curve

The module relative power loss at low light irradiance of 200W/m² is less than 3%.



Temperature Characteristics

Pmax Temperature Coefficient	-0.40% / °C
Voc Temperature Coefficient	-0.32% / °C
Isc Temperature Coefficient	+0.048% / °C
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature (NOCT)	45 ± 2 °C

Packing Configuration

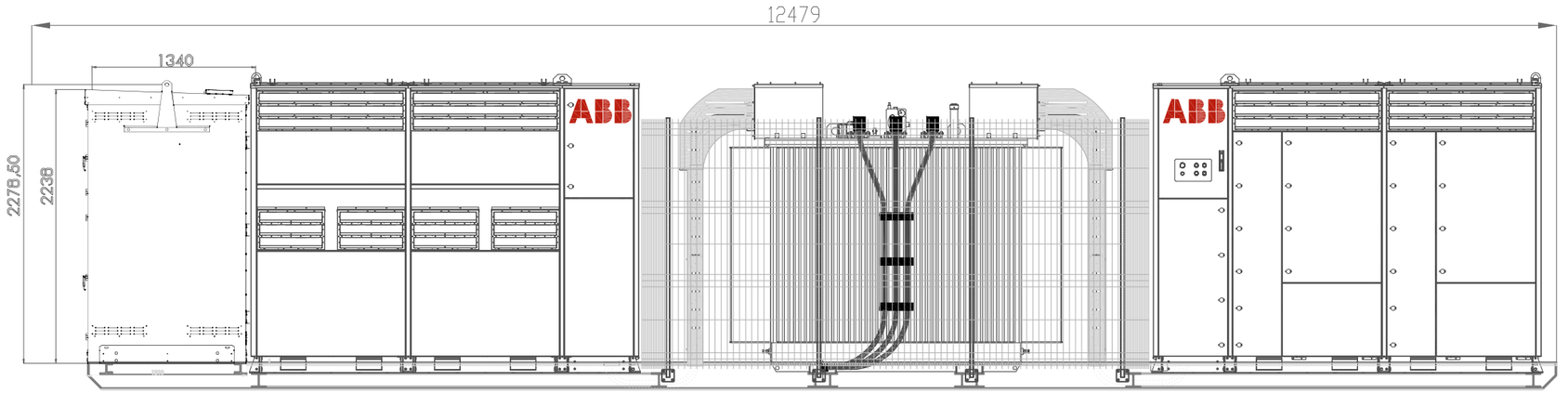
Container	40'HC
Pieces per Pallet	26
Pallets per Container	22
Pieces per Container	572

**Release 2019-01, v6.2.

RECOM assumes no liability or responsibility for any typographical error, layout error, misinformation, any other error, omission, contained herein.

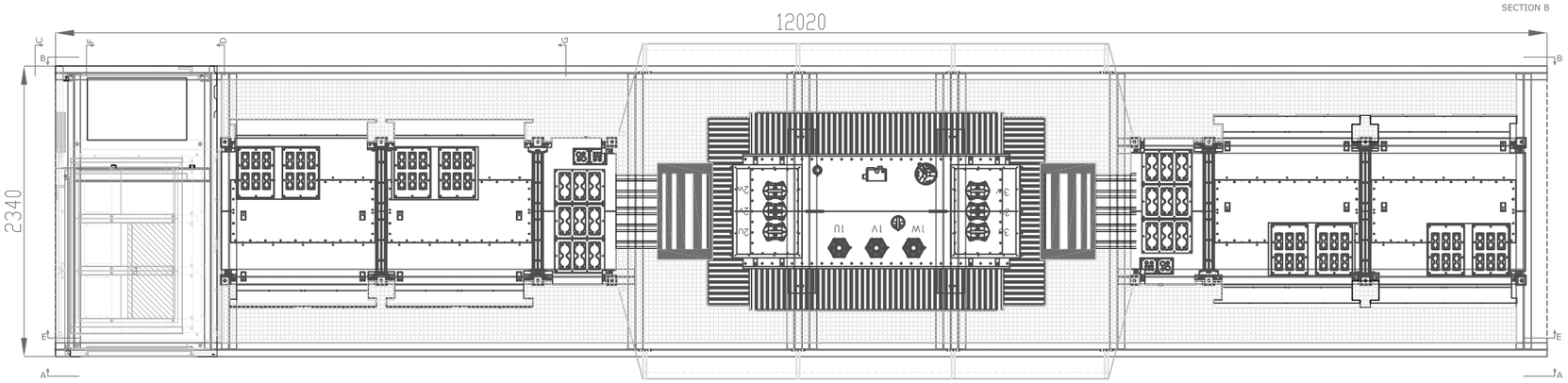
recom-solar.com

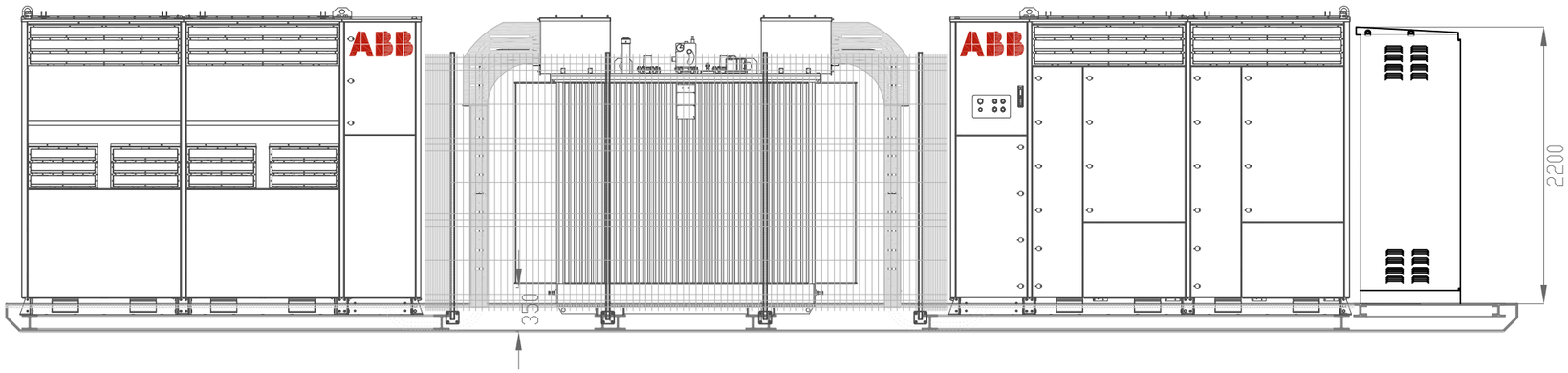
A3



SECTION A

SECTION B





REVISION	DATE	DESIGNED	CHECKED	APPROVED	MODIFICATION

REFERENCE DRAWINGS	
DWG NO.	DESCRIPTION
----------	----------

PRODUCT: PVS980-MWCS-4600

TITLE: MEGAWATT COMPACT SKID STATION

Layout

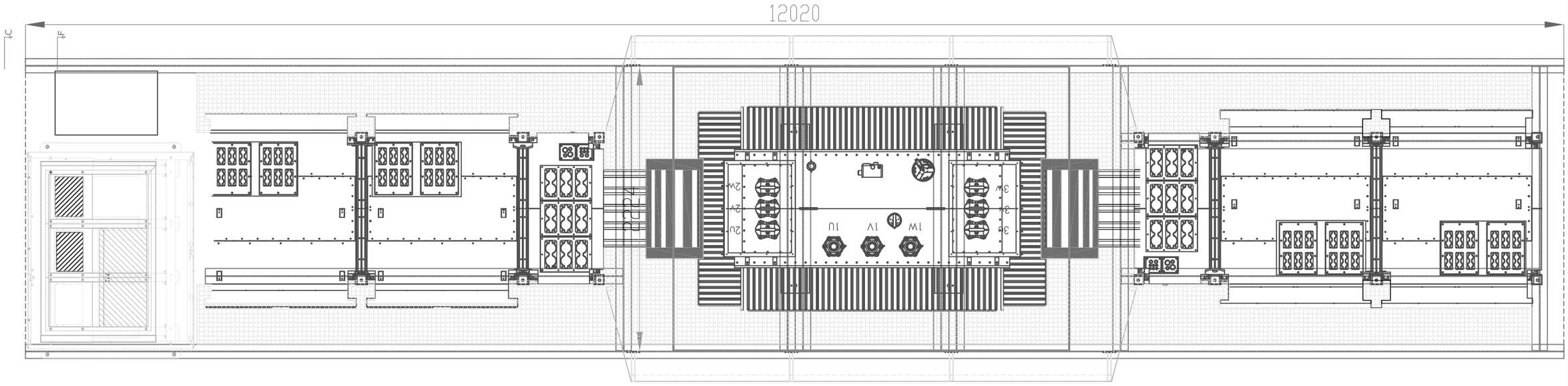
SCALE: NA

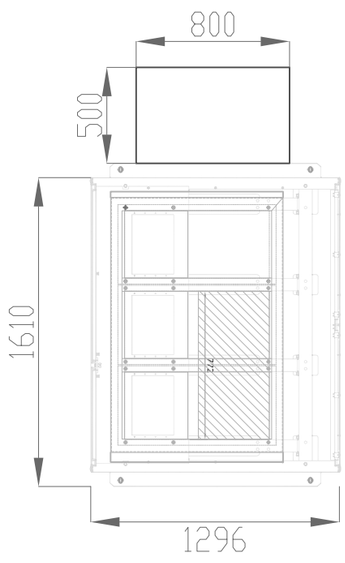
ABB ID: MW_CS4600

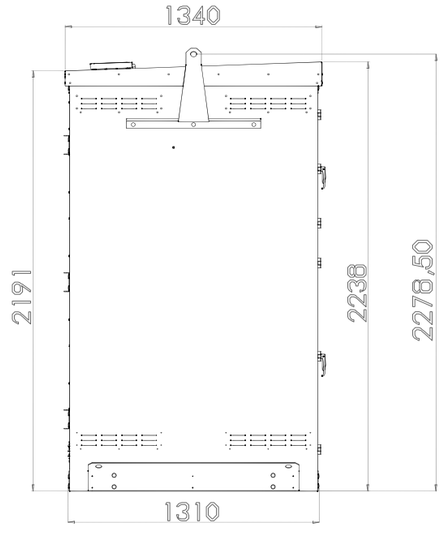
DOC. ID: 30-DW01

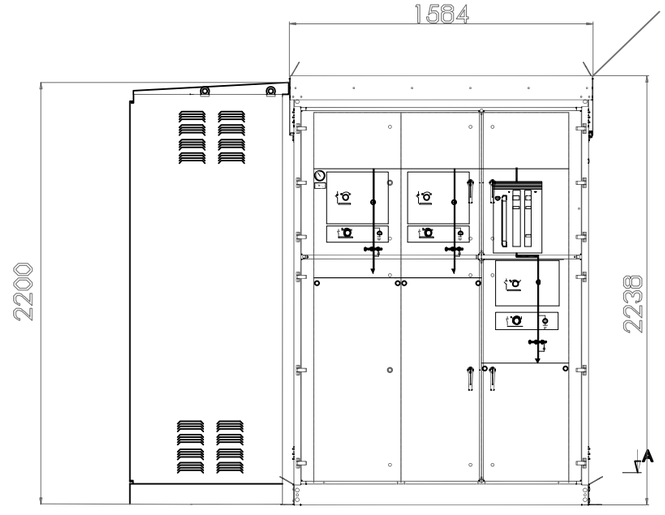
SHEET: 1 NEXT: 2

A3









REVISION	DATE	DESIGNED	CHECKED	APPROVED	MODIFICATION

REFERENCE DRAWINGS	
DWG NO.	DESCRIPTION
----------	----------

PRODUCT: PVS980-MWCS-4600

TITLE: MEGAWATT COMPACT SKID STATION
Enclosure Sections

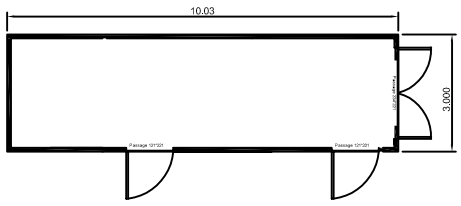
SCALE: NA
ABB ID: MW_CS4600
DOC. ID: 30-DW01
SHEET: 04 NEXT: --

ENTREE LOCAL TRANSFO

FACE AVANT

FACE DROITE

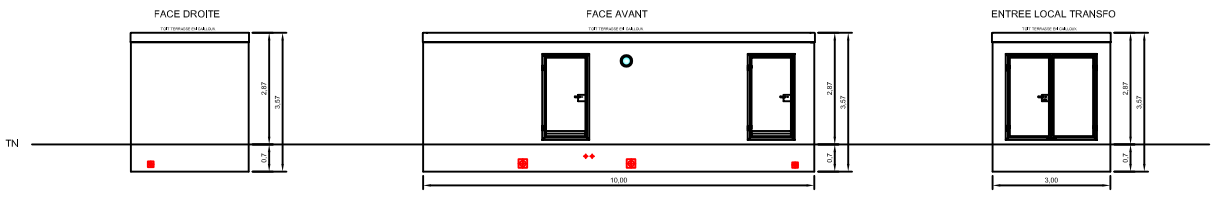
FACE ARRIERE



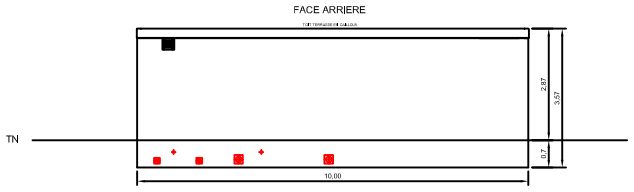
FACE DROITE

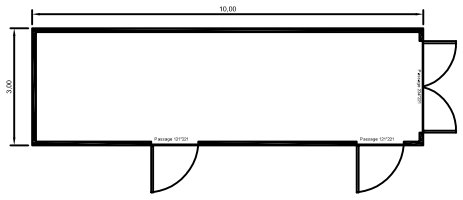
FACE AVANT

ENTREE LOCAL TRANSFO



FACE ARRIERE

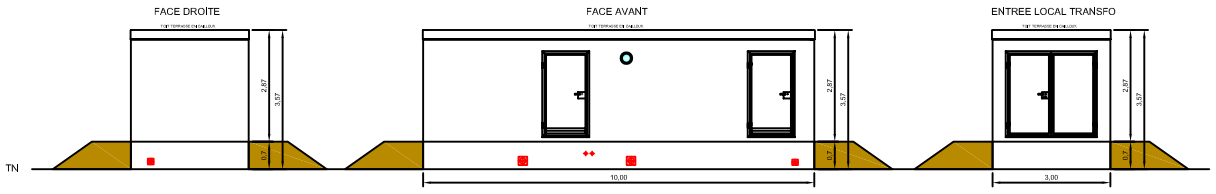




FACE DROITE

FACE AVANT

ENTREE LOCAL TRANSFO



FACE ARRIERE