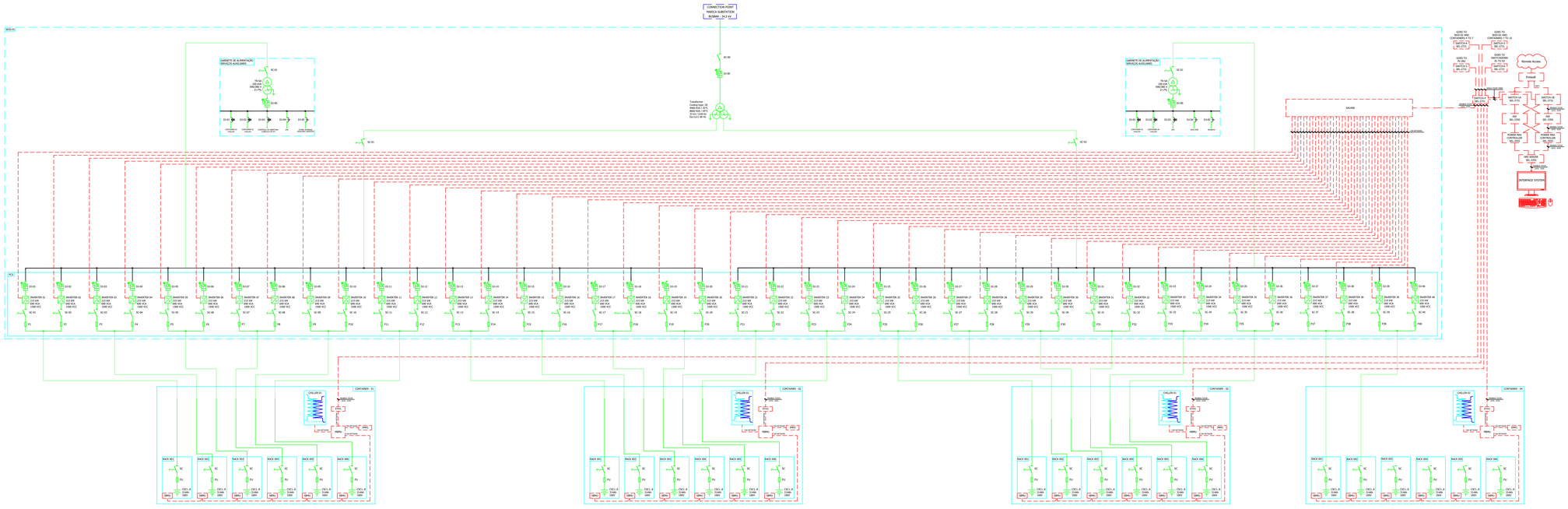


KEY PLANT

REFERENCE DOCUMENTS

SUBTITLE

SYMBOLOGY	IDENTIFICATION
TR	THREE-PHASE TRANSFORMER
CH	DRY DISCONNECT SWITCH OPENING UNDER LOAD
FU	FUSE
CH	FUSE SWITCH TYPE: NH
DJ	ADJUSTABLE THERMAL-MAGNETIC CIRCUIT BREAKER - TYPE: LSI
DJ	MINI CIRCUIT-BREAKER
IF	INVERTER AC-DC
BT	BATTERY
	GROUNDING
	COPPER BUSBAR
	POWER CABLE
	NETWORK CABLE

NOTES :

1 - DIMENSIONS IN MILLIMETERS, EXCEPT OTHERS INDICATED.

REV.	EM.	DESCRIPTION	PROJ.	DRA.	VER.	APPR.	DATE

REVIEWS

EMISSION (EM)
(A) PRELIMINARY
(B) FOR APPROVAL
(C) FOR KNOWLEDGE
(D) FOR QUOTATION
(E) FOR CONSTRUCTION
(F) AS PURCHASED
(G) AS BUILT
(H) CANCELED

CLIENT: -

CLIENT No.:

PROJECT:

BATTERY ENERGY STORAGE SYSTEM

DRA.:
VERIF.:
APPROV.:

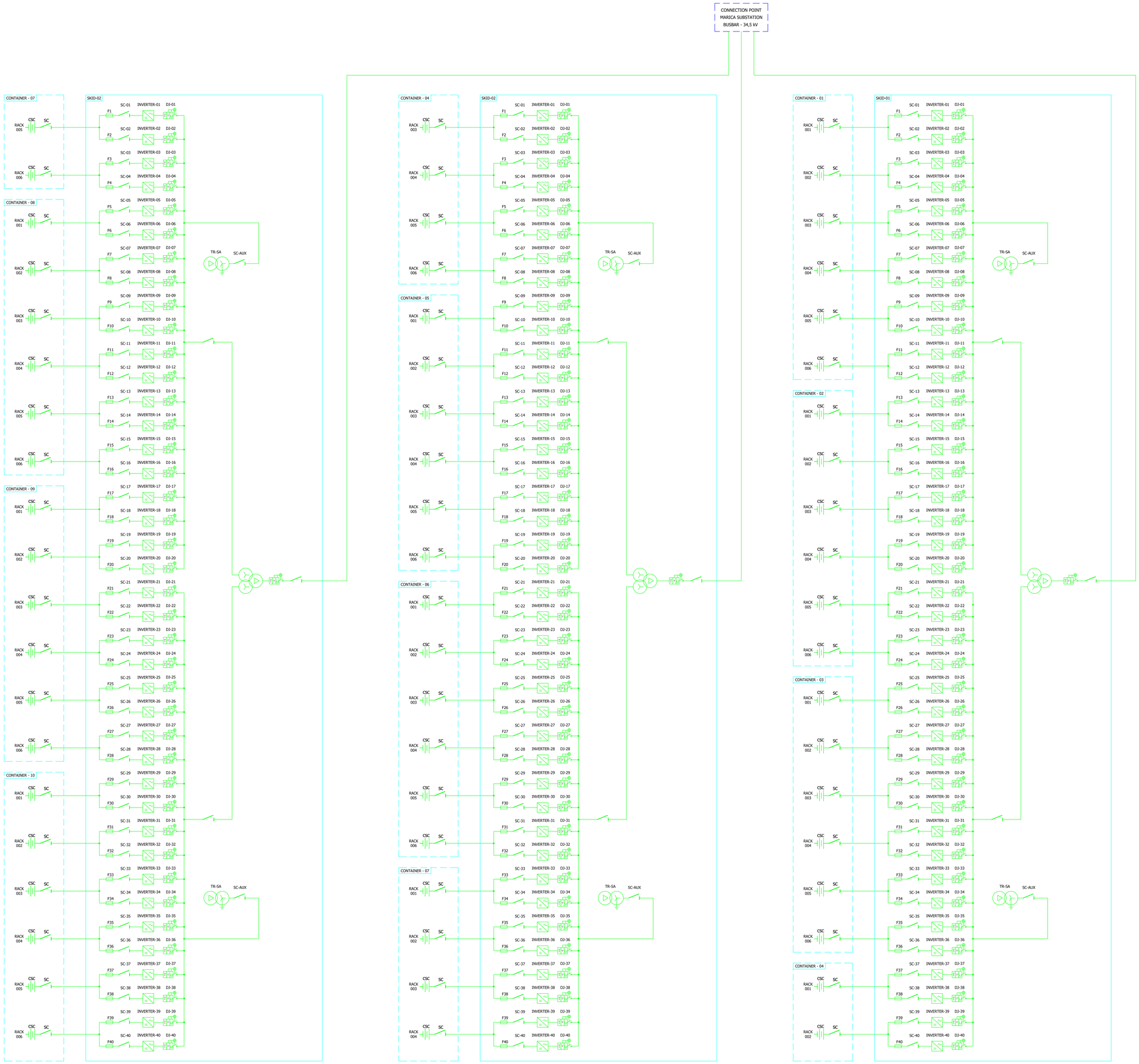
SCALE: N/S
UNIT: mm

TITLE:
BATTERY ENERGY STORAGE SYSTEM
BESS 25,00MW / 50MWh - 34,5 kV
SINGLE-LINE DIAGRAM

No.:

PAGE: 01 / 03
REV: 00

A0 FORMAT - 1189 x 841 mm



KEY PLANT

REFERENCE DOCUMENTS

SUBTITLE

SYMBOLOGY	IDENTIFICATION
TR	THREE-PHASE TRANSFORMER
CH	DRY DISCONNECT SWITCH OPENING UNDER LOAD
FU	FUSE
CH	FUSE SWITCH TYPE: NH
DJ	ADJUSTABLE THERMAL-MAGNETIC CIRCUIT BREAKER - TYPE: LSI
DJ	MINI CIRCUIT-BREAKER
IF	INVERTER AC-DC
BT	BATTERY
	GROUNDING
	COPPER BUSBAR
	POWER CABLE
	NETWORK CABLE

NOTES :

1 - DIMENSIONS IN MILLIMETERS, EXCEPT OTHERS INDICATED.

REV.	EM.	DESCRIPTION	PROJ.	DRA.	VER.	APPR.	DATE

REVIEWS

EMISSION (EM)
(A) PRELIMINARY
(B) FOR APPROVAL
(C) FOR KNOWLEDGE
(D) FOR QUOTATION
(E) FOR CONSTRUCTION
(F) AS PURCHASED
(G) AS BUILT
(H) CANCELED

CLIENT: -

CLIENT No.:

PROJECT: BATTERY ENERGY STORAGE SYSTEM

DRA.:
VERIF.:
APPROV.:

SCALE: N/S
UNIT: mm

TITLE: BATTERY ENERGY STORAGE SYSTEM
BESS 25.0MW / 50MWh - 34,5 kV
GENERAL SINGLE-LINE DIAGRAM

No.:

PAGE: 02 / 03
REV.: 00

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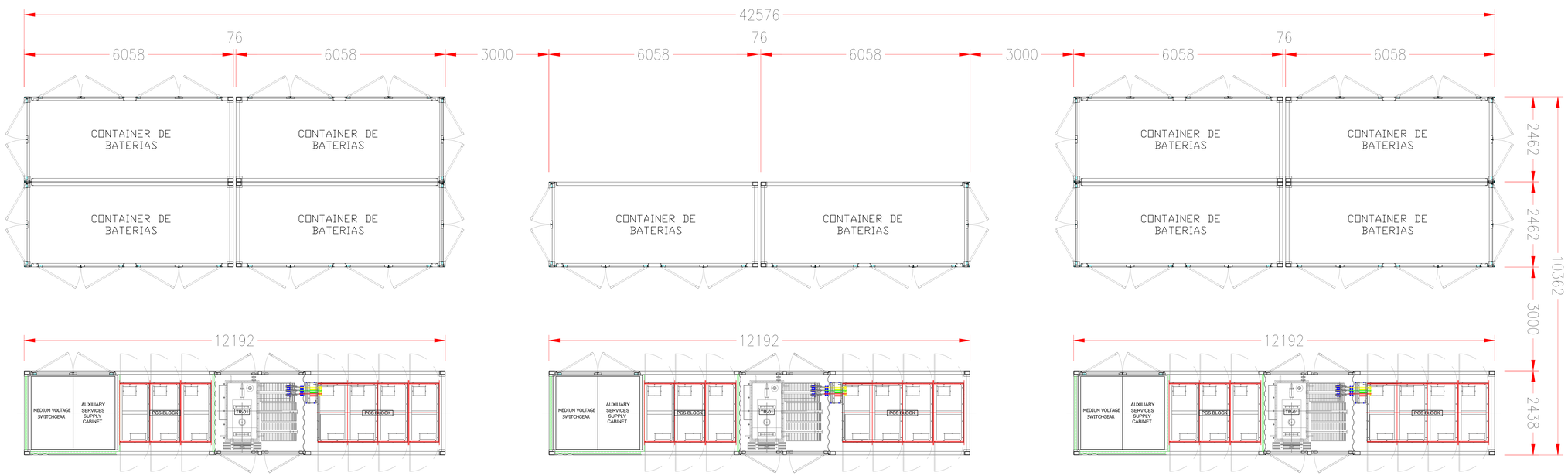

KEY PLANT

REFERENCE DOCUMENTS

NOTES :

1 - DIMENSIONS IN MILLIMETERS, EXCEPT OTHERS INDICATED.

2 - TOTAL SYSTEM AREA: 450m²

REV.	EM.	DESCRIPTION	PROJ.	DRA.	VER.	APPR.	DATE

REVIEWS

EMISSION (EM) (A) PRELIMINARY (B) FOR APPROVAL (C) FOR KNOWLEDGE (D) FOR QUOTATION (E) FOR CONSTRUCTION (F) AS PURCHASED (G) AS BUILT (H) CANCELED

CLIENT: -

CLIENT No.:

PROJECT: BATTERY ENERGY STORAGE SYSTEM

DRA.:

VERIF.:

APPROV.:

SCALE: N/S

UNIT: mm

TITLE: BATTERY ENERGY STORAGE SYSTEM
BESS 25,00MW / 50MWh - 34,5 kV
LAYOUT

No.:

PAGE: 03 / 03

REV.: 00

A0 FORMAT - 1189 x 841 mm