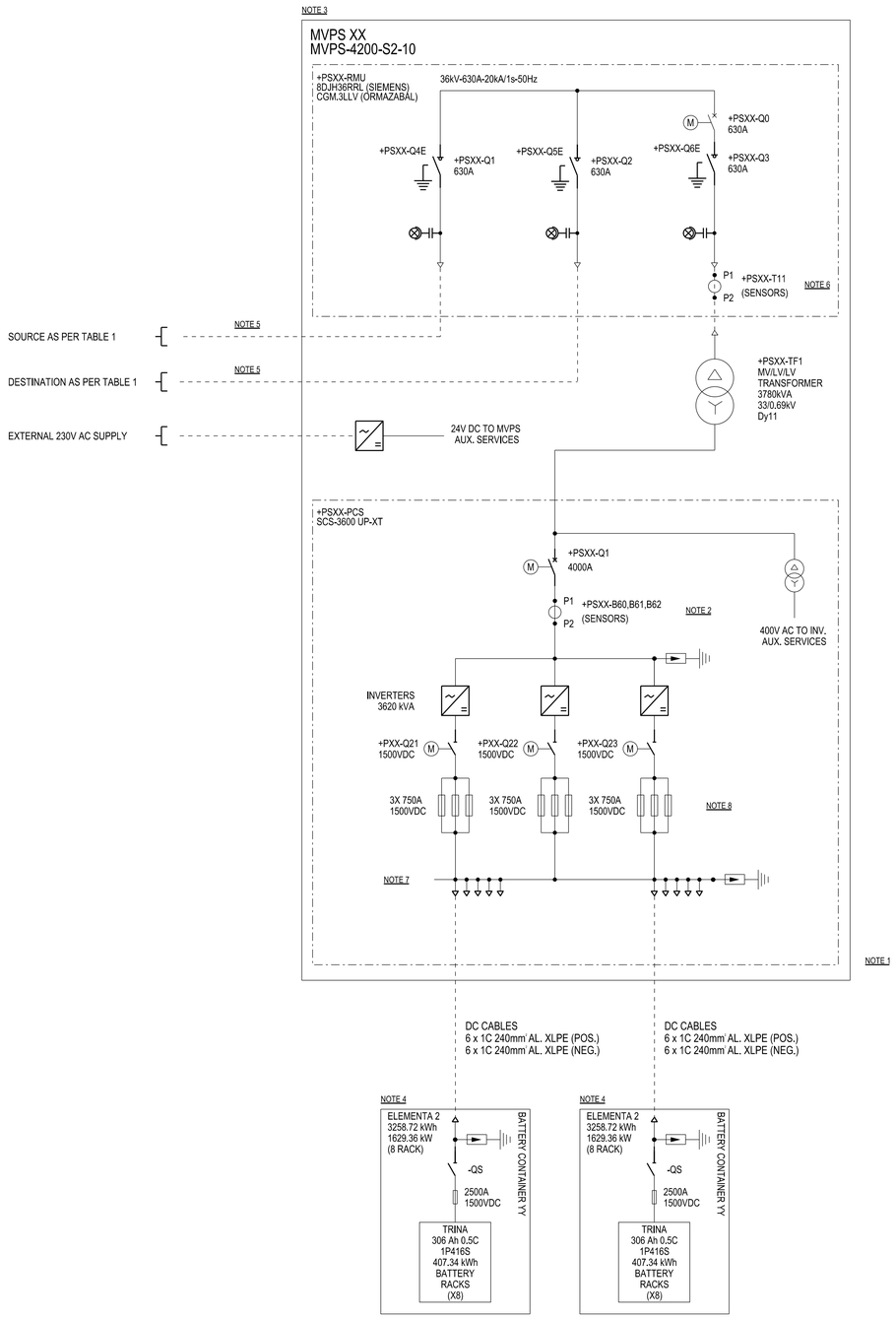
TABLE 1

MVPS	FROM	TO
01	MVPS02	MVPS10
02	MVPS03	MVPS01
03	MVPS04	MVPS02
04	+1F02	MVPS03
05	MVPS06	-
06	MVPS07	MVPS05
07	MVPS08	MVPS06
08	MVPS09	MVPS07
09	+1F03	MVPS08
10	MVPS01	-
11	MVPS12	MVPS20
12	MVPS13	MVPS11
13	+1F01	MVPS12
14	MVPS15	-
15	MVPS16	MVPS14
16	MVPS17	MVPS15
17	MVPS18	MVPS16
18	+1F05	MVPS17
19	MVPS20	-
20	MVPS11	MVPS19
21	MVPS22	-
22	MVPS24	MVPS21
23	MVPS25	MVPS24
24	MVPS23	MVPS22
25	+1F06	MVPS23

TABLE 2

BATTERY GROUPS		
MVPS	BATTERY A	BATTERY B
01	BATT 01A	BATT 01B
02	BATT 02A	BATT 02B
03	BATT 03A	BATT 03B
04	BATT 04A	BATT 04B
05	BATT 05A	BATT 05B
06	BATT 06A	BATT 06B
07	BATT 07A	BATT 07B
08	BATT 08A	BATT 08B
09	BATT 09A	BATT 09B
10	BATT 10A	BATT 10B
11	BATT 11A	BATT 11B
12	BATT 12A	BATT 12B
13	BATT 13A	BATT 13B
14	BATT 14A	BATT 14B
15	BATT 15A	BATT 15B
16	BATT 16A	BATT 16B
17	BATT 17A	BATT 17B
18	BATT 18A	BATT 18B
19	BATT 19A	BATT 19B
20	BATT 20A	BATT 20B
21	BATT 21A	BATT 21B
22	BATT 22A	BATT 22B
23	BATT 23A	BATT 23B
24	BATT 24A	BATT 24B
25	BATT 25A	BATT 25B



NOTES:

1. INVERTER DETAILED DRAWING BY SMA. REF TO DWG: D_10001195_01_MVPSXXXX-S2-A4_STATION
2. MEASUREMENTS ONLY ON THE FOLLOWING:

   MVPS 09 = ELECTRICALLY CLOSEST
   MVPS 19 = ELECTRICALLY FURTHEST
3. REPLACE ACCORDING TO THE NUMBERING SEQUENCE "FROM" AND "TO" IN THE TABLE 1.
4. REPLACE "YY" ACCORDING TO THE BATTERY TABLE 2 NUMBERING.
5. CABLE TYPE AND SIZING AS PER SHEET 1.
6. LOW VOLTAGE SENSOR SPECIFIED BY RMU RELAY OEM
7. MAXIMUM OF 36 CONNECTIONS PER DC POLE, MAX. 400MM2 DC CABLE
8. 'FUSED SINGLE BUSBAR' OPTION SELECTED WITH 3 FUSES PER INVERTER STACK.

ISSUED FOR CONSTRUCTION
S.H 29.11.2024
Initials Date

REV	DESCRIPTION	RVD	CKD	APD	DATE
0	ISSUED FOR CONSTRUCTION	EL	KT	SH	11/24
D	ISSUED FOR REVIEW - 80% DESIGN	EL	KT	SH	08/24
C	ISSUED FOR REVIEW - 80% DESIGN	EL	KT	SH	07/24
B	ISSUED FOR REVIEW	EL	KT	SH	05/24
A	ISSUED FOR INFORMATION	EL	KT	SH	03/24

SIZE A1 | SCALE NTS
STATUS FOR CONSTR.
SHEET NO. 02 OF 04

PROJECT CLEMENTS GAP BESS
TITLE 132/33kV SUBSTATION OVERALL SIMPLIFIED SINGLE LINE DIAGRAM
DRAWING No. PSD1834-110-001-002
REV 0