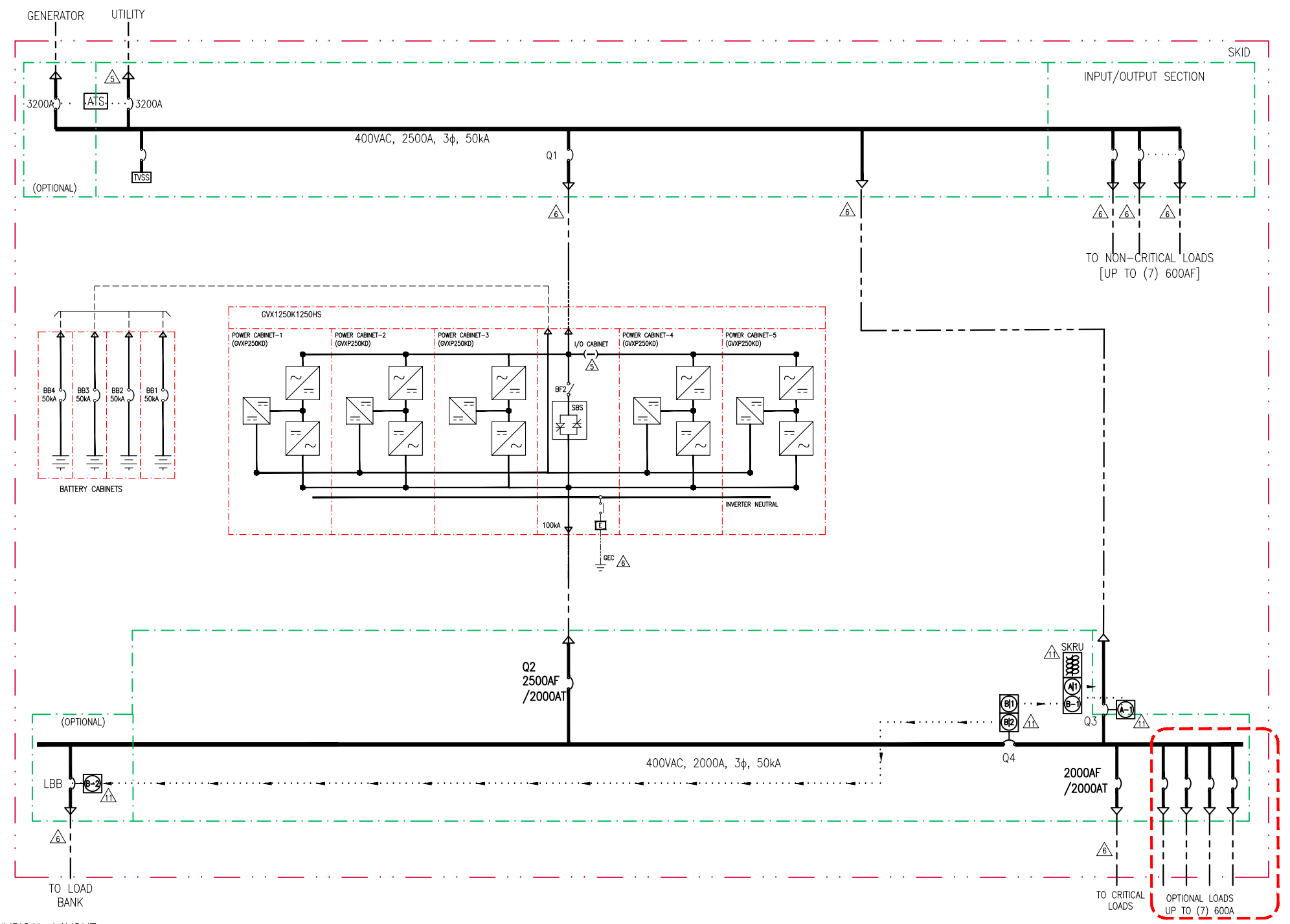


DEVICE	FRAME TRIP	RMS SYM	TYPE	ACCESSORIES
Q1A, Q1B	2500AT	50kA	ICCB	24DC SHUNT TRIP, 3A/3B AUX CONTACT
Q4, LBB	2000AT	50kA	ICCB	24DC SHUNT TRIP, 3A/3B AUX CONTACT
Q3	2000AT	50kA	ICCB	120DC SHUNT TRIP, 3A/3B AUX CONTACT

DEVICE	CURRENT	RATED SHORT CIRCUIT CURRENT
UPS AC IN		200,000A SYMMETRICAL
UPS AC OUT		200,000A SYMMETRICAL
UPS DC		50,000A SYMMETRICAL
SSW		200,000A SYMMETRICAL

LEGEND:

—	AC CABLE (PROVIDED BY OTHERS)
- - -	DC CABLE (PROVIDED BY OTHERS)
—	AC BUS
· · · · ·	INTERLOCK



NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE LOCAL AND NATIONAL CODES.
2. PLEASE REFER TO PRODUCT MANUAL FOR DETAILS.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT, PLEASE REFER TO MECHANICAL DRAWINGS FOR PHYSICAL LAYOUT.
4. ALL BREAKERS SHALL BE 100% CONTINUOUS DUTY RATED AND COORDINATED WITH REQUIRED SYSTEM SETTINGS AS DETAILED IN SYMMETRA MW INSTALLATION MANUAL. BREAKER SIZING IS BASED ON NOMINAL MAINS VOLTAGE.
- △5. AC SOURCE SHALL BE 480VAC, 3-WIRE, WYE CONNECTED, 3φ (CONTACT APC IF OTHER).
- △6. AC CABLING SHALL BE 600V RATED, 3-WIRE + GROUND.
- △7. DC SOURCE SHALL BE MINIMUM (2) 384VDC HALF-STRINGS, 2-WIRE + GROUND.
- △8. DC CABLING SHALL BE 600V RATED, 2-WIRE + GROUND, EACH CIRCUIT TO BE RUN IN SEPARATE CONDUITS, POSITIVE, NEGATIVE + GROUND. SEE 5-LINE DIAGRAM FOR DETAILS.
9. BATTERY SIZING IS BASED ON A MAXIMUM 1 VOLT DROP PER HALF-STRING AT NOMINAL RATED DC CURRENT. CE SHALL ADJUST CABLE SIZE BASED ON INSTALLATION PARAMETERS.
- △10. THIS SYSTEM SHALL BE INSTALLED AS A SEPARATELY DERIVED SYSTEM IN ACCORDANCE WITH LOCAL AND NATIONAL CODES. N.E.C. 250.30(a)(3). THE GROUNDING ELECTRODE CONDUCTOR (GEC) IS PROVIDED BY OTHERS.
- △11. KEY INTERLOCKS WITH SKRU, SCHEME 39, BETWEEN Q3 & Q4, ARE INCLUDED AS STANDARD WITH THE SYSTEM. KEY INTERLOCKS WITH SKRU, SCHEME 29, BETWEEN Q4 & LBB, ARE OPTIONAL AND ARE NOT INCLUDED AS STANDARD WITH THE SYSTEM. LBB IS OPTIONAL AND NOT INCLUDED AS STANDARD WITH THE SYSTEM.
12. CABLE LUGS ARE PROVIDED BY OTHERS.

SUBMITTED TO
ENGINEERING
FOR REVIEW

FILENAME/PATH: S:\SYSTEMS_ENGINEERING\MODULAR_DATACENTER_PROJECTS\GVX_EVALUATION\1250KW_400V_GVX_POWER_SKID_ELECTRICAL_ONLINE_REV00.DWG							
REV	DESCRIPTION	DRWN	DATE	ENGR	DATE	APPR	DATE
0	INITIAL RELEASE	L. PERRY	DD-MM-YY		DD-MMM-YY	M. TAVARES	DD-MMM-YY
REVISIONS							
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.		Schneider Electric		TITLE: 1250 kW 400V GALAXY Vx SKID INPUT: 400VAC, 3φ, DUAL MAIN OUTPUT: 400VAC, 3φ, 1250kW SINGLE-LINE DIAGRAM		DWG NO: DRAWN: L. PERRY DD-MMM-YY ENGINEER: DD-MMM-YY PROJECT: MAN REP SHEET 1 OF 1 APPROVED: M. TAVARES DD-MMM-YY	
				REV: 0		PROJ ANGLE N/A	