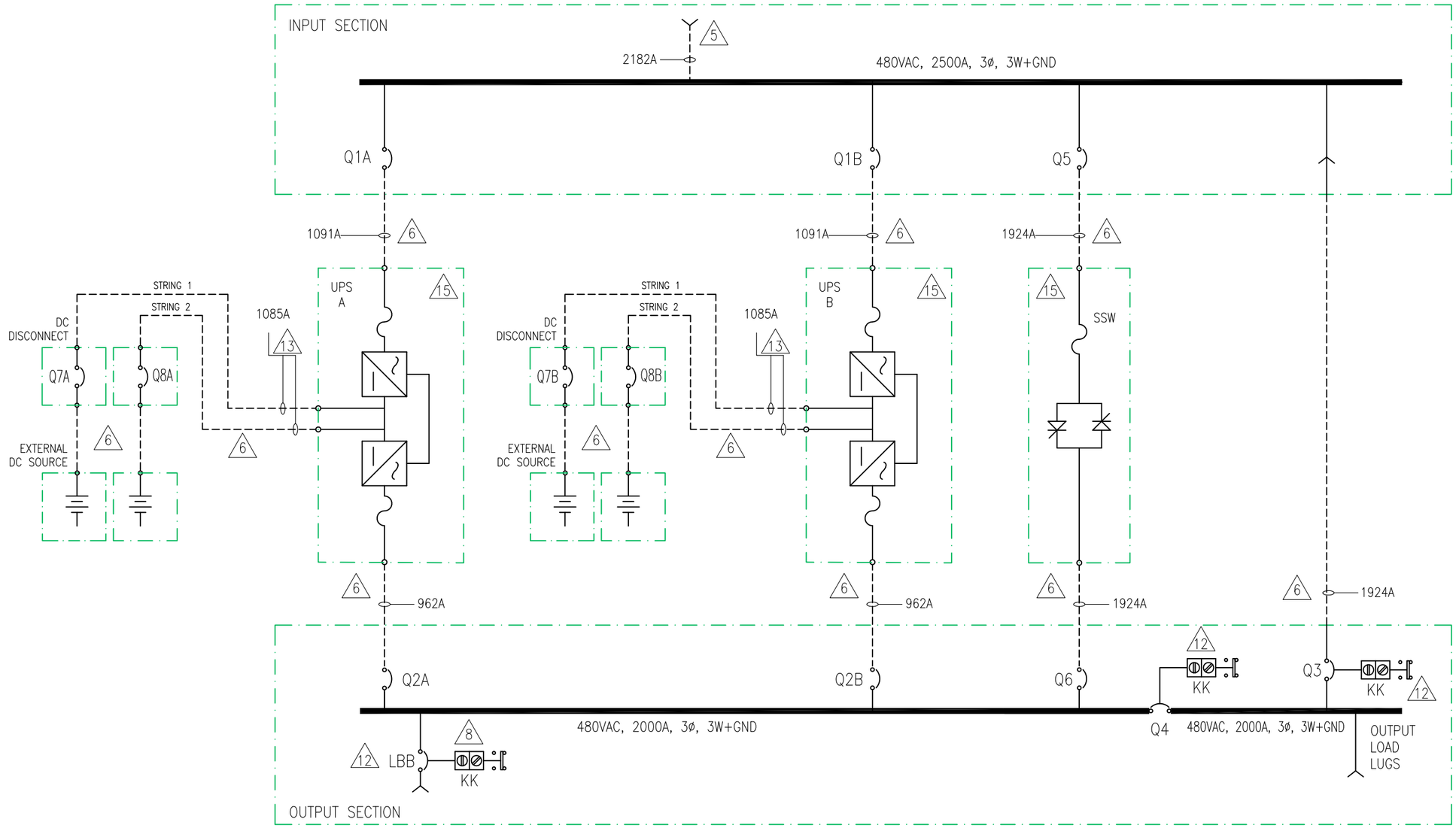

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. PLEASE REFER TO PRODUCT DOCUMENTATION FOR FURTHER INFORMATION.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT. PLEASE REFER TO MECHANICAL DRAWINGS FOR MORE SPECIFIC PHYSICAL DATA.
4. ALL DATA IN THIS DRAWING IS PROVIDED FOR A FULLY POPULATED UNIT.

△5. AC SOURCE MUST BE 480VAC, WYE CONNECTED, 3W+G, EITHER SOLIDLY OR HIGH RESISTANCE GROUNDED (CONTACT Schneider Electric IF OTHER). REFER TO INSTALLATION MANUAL FOR UPSTREAM CIRCUIT BREAKER REQUIREMENTS.

△6. DASHED LINES BETWEEN UNITS (– – – –) REPRESENT AC/DC CABLING PROVIDED BY OTHERS.

7. ALL AC CIRCUIT BREAKERS ARE 100% CONTINUOUS DUTY RATED WITH 24VDC SHUNT TRIPS AND 2A/2B AUX CONTACTS.
8. Q1A, Q1B = 1200AT/1200AF.
9. Q2A, Q2B = 1000AT/1200AF; Q3, Q4, Q5, LBB = 2000AT/2500AF.
10. Q6 = 2500A (MINIMUM) MOLDED CASE SWITCH WITH 24VDC SHUNT TRIPS AND 2A/2B AUXILIARY CONTACTS.
11. Q7, Q8 = 1200AT DC RATED DISCONNECT WITH 24VDC UNDERVOLTAGE RELEASE (UVR) AND 2A/2B AUX CONTACTS.

△12. OPTIONAL COMPONENTS.

△13. SEPARATE CONDUITS. 2W+GND.

14. UPS INPUT AND OUTPUT CONDUCTORS MUST BE IN SEPARATE CONDUITS.

△15. UPS AND STATIC BYPASS WITHSTAND 200,000 SYMMETRICAL AMPERES.

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Schneider Electric

TITLE: SYMMETRA MW
480VAC, 3Ø, 2x800kW
SINGLE FEED
SYSTEM SINGLE-LINE DIAGRAM

PROJECT: STD SUBMITTAL DRAWINGS | SHEET 1 OF 1

DWG NO:	SYMF800K1600G1C2-SD		REV 5
DRAWN BY:	S CUNHA	30-JAN-14	PROJ ANGLE N/A
ENGINEER:	C BARBOZA	30-JAN-14	
APPROVED BY:	B SHERIDAN	30-JAN-14	