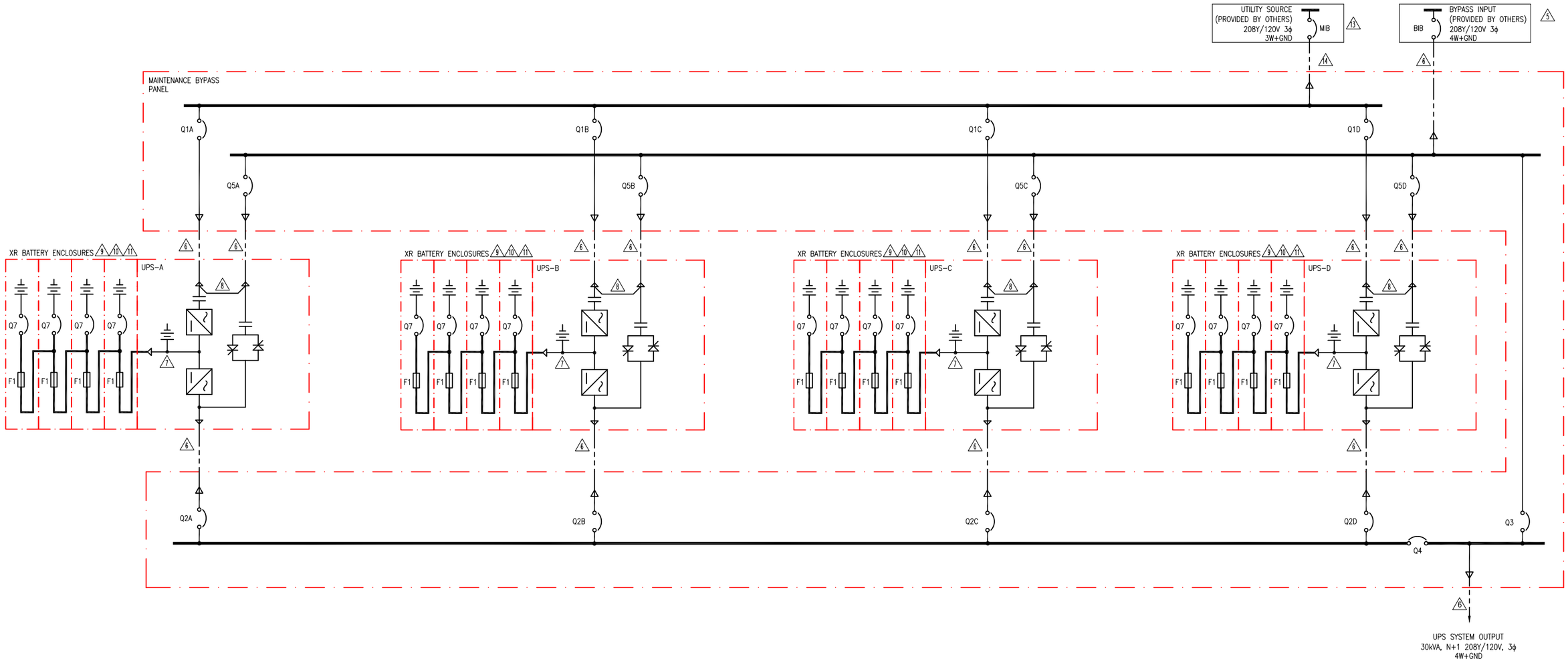


OVERCURRENT PROTECTION DEVICE TABLE								
DEVICE	FUNCTION	LOCATION	EQUIPMENT RATING	CURRENT	RATING*	kAIC	TYPE	POLES
MIB†	SYS SOURCE	–	–	82.6A	125AT†	65kA	MCCB	3
BIB†	BYP SOURCE	–	–	83.3A	125AT†	65kA	MCCB	3
Q1	UPS AC IN	BYPASS PANEL	65kA	26.7A	40AT/40AF	65kA	MCCB	3
Q2	UPS ANC OUT	BYPASS PANEL	65kA	27.8A	40AT/40AF	65kA	MCCB	4
Q3, Q4	SYS OUT	BYPASS PANEL	65kA	83.3A	125AT/125AF	65kA	MCCB	4
Q5	UPS INT SSW	BYPASS PANEL	65kA	27.8A	40AT/40AF	65kA	MCCB	3
Q7	DC DISCONNECT	BATTERY CABINET	35kA	22.2A	250AT/250AF	25kA	MCCB	4
F1	BATTERY FUSE	BATTERY CABINET	1.8kA	125A	125A	100kA	FAST ACTING	1

* 80% CONTINUOUS DUTY RATED FOR BREAKER
† (PROVIDED BY OTHERS) RECOMMENDED RATING

LINETYPE LEGEND:

- MECHANICAL ENCLOSURES
- AC CABLE – PROVIDED BY OTHERS
- AC BUS (MBP)
- BUS CONNECTIONS FOR BREAKERS
- DC BUS

THIS DRAWING IS APPLICABLE TO THE FOLLOWING SKUS	
10kVA UPS SKUs	SUVT10KF1B2
	SUVT10KF1B4
	SUVT10KF2B2
	SUVT10KF2B4
	SUVT10KF3B4
	SUVT10KF4B4
XR BATTERY SKUs	SUVTBXR2B6
	SUVTBXR6B6
	SUVTXR2B6
	SUVTXR6B6

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. PLEASE REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL 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 ARE 80% CONTINUOUS DUTY RATED WITH 24VDC SHUNT TRIPS AND 2A/2B AUX CONTACTS FOR SCHNEIDER ELECTRIC CONTROL AND COORDINATED WITH REQUIRED SYSTEM SETTINGS AS DETAILED IN PRODUCT DOCUMENTATION. ADDITIONAL 2A/2B AUX CONTACTS TO BE WIRED TO TERMINAL STRIP FOR CUSTOMER USE. BREAKER SIZING IS BASED ON NOMINAL MAINS VOLTAGE.
△ 5. AC SOURCE TO BE 208VAC, 4 WIRE, WYE CONNECTED, 3ϕ (CONTACT SCHNEIDER ELECTRIC IF OTHER)
△ 6. AC CABLING TO BE 600V RATED, 4 WIRE + GROUND, AND SHALL BE RUN IN SEPARATE CONDUITS.
△ 7. DC SOURCE TO BE 384VDC WITH CENTER TAP, 3 WIRE + GROUND.
△ 8. SINGLE MAINS INSTALLATION IS A DEFAULT. BRIDGE BUS BARS SHALL BE REMOVED FOR DUAL MAINS INSTALLATIONS.
△ 9. XR BATTERY ENCLOSURE IS AVAILABLE WITHOUT BREAKER WITH DC FUSE ONLY
△ 10. UP TO FOUR XR BATTERY ENCLOSURES MAY BE CONNECTED TO THE UPS TO EXTEND BACKUP TIME.
△ 11. EXTERNAL BATTERY CABINET IS OPTIONAL. BAYING KITS HAVE TO BE PURCHASED AS AN OPTION. 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.
12. CABLE LUGS ARE PROVIDED BY OTHERS.
△ 13. AC SOURCE TO BE 208VAC, 3 WIRE, WYE CONNECTED, 3ϕ (CONTACT SCHNEIDER ELECTRIC IF OTHER).
△ 14. AC CABLING TO BE 600V RATED, 3 WIRE + GROUND, AND SHALL BE RUN IN SEPARATE CONDUITS.

DUAL MAINS, W/BAYED XR BATTERY CABINETS

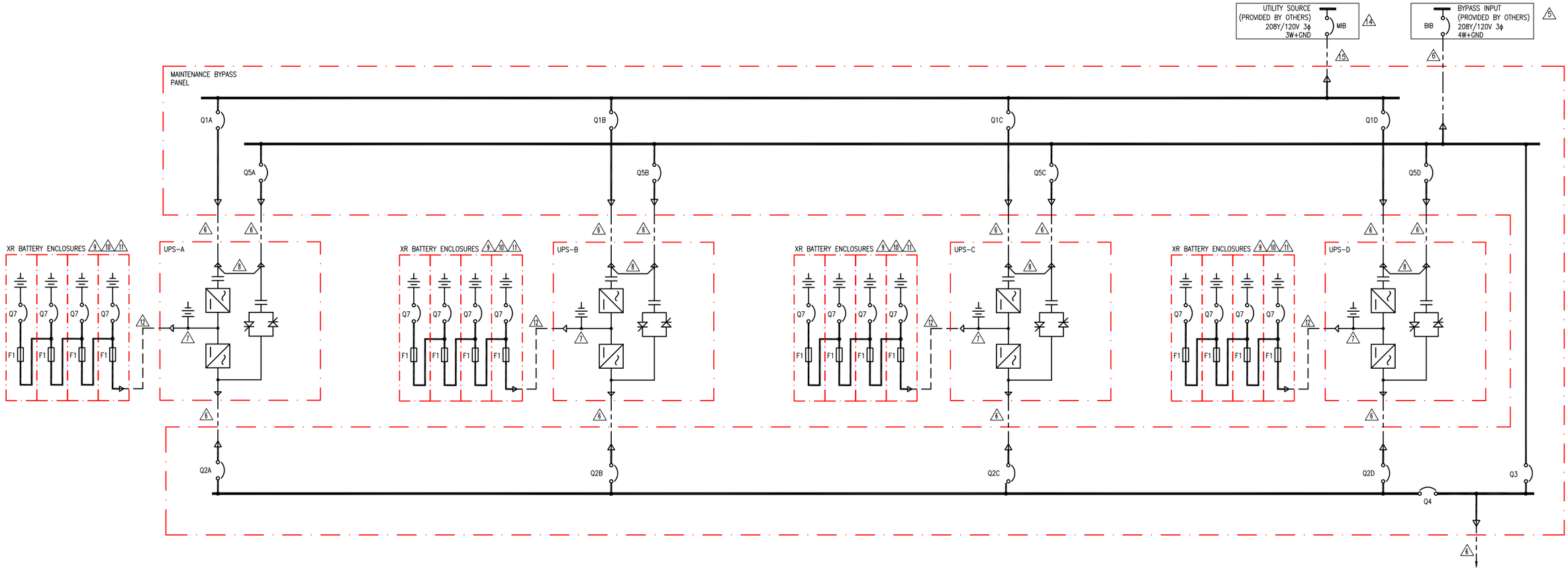
Schneider Electric

TITLE: SMART–UPS VT, PARALLEL SYSTEM INPUT: 208VAC, 3ϕ, DUAL MAINS OUTPUT: 208VAC, 30kVA, N+1 BAYED XR BATTERY ENCLOSURES SYSTEM ONE LINE DIAGRAM

PROJECT: SUBMITTAL DRAWINGS | SHEET 1 OF 2

DWG NO:	SUVTP10KF2R4–SD	REV. 3
DRAWN BY:	C KRISHNA/BALA	29–OCT–15
ENGINEER:	M MAISSY	29–OCT–15
APPROVED:	A WARNER	29–OCT–15

PROJ ANGLE N.A.



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LINETYPE LEGEND:

- MECHANICAL ENCLOSURES
- AC CABLE – PROVIDED BY OTHERS
- DC CABLE – PROVIDED BY OTHERS
- AC BUS (MBP)
- BUS CONNECTIONS FOR BREAKERS
- DC BUS

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	SUVT10KF2B2
	SUVT10KF2B4
	SUVT10KF3B4
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	SUVTXR6B6

NOTES:

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15. AC CABLING TO BE 600V RATED, 3 WIRE + GROUND, AND SHALL BE RUN IN SEPARATE CONDUITS.

DUAL MAINS, W/REMOTE XR BATTERY CABINETS

Schneider Electric

TITLE: SMART-UPS VT, PARALLEL SYSTEM
INPUT: 208VAC, 3ϕ, DUAL MAINS
OUTPUT: 208VAC, 30kVA, N+1
REMOTE XR BATTERY ENCLOSURES
SYSTEM ONE LINE DIAGRAM

PROJECT: SUBMITTAL DRAWINGS | SHEET 2 OF 2

DWG NO:	SUVTP10KF2R4-SD		REV. 3
DRAWN BY:	C KRISHNA/BALA	29-OCT-15	PROJ ANGLE N.A.
ENGINEER:	M MAISSY	29-OCT-15	
APPROVED:	A WARNER	29-OCT-15	