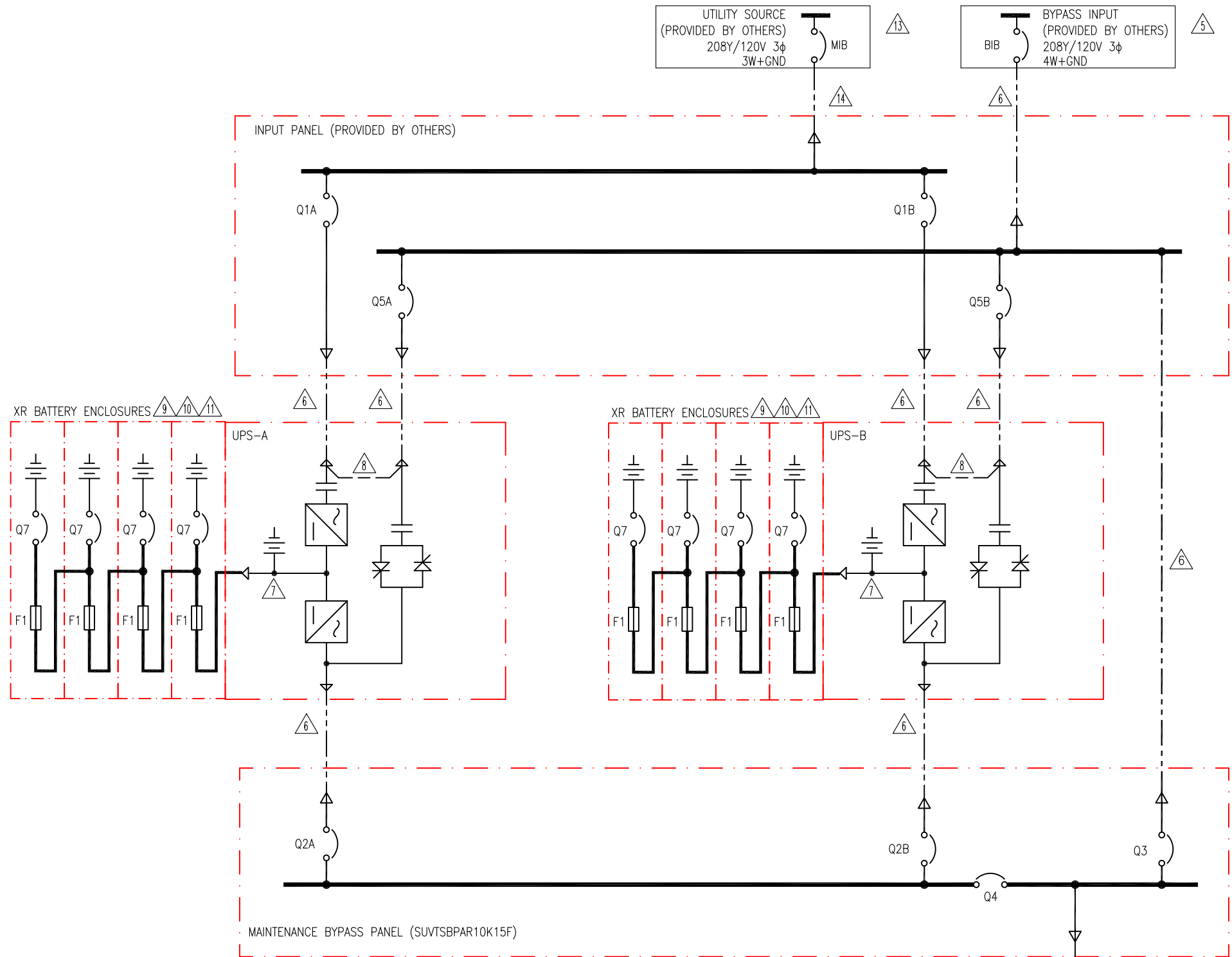


OVERCURRENT PROTECTION DEVICE TABLE

DEVICE	FUNCTION	LOCATION	CURRENT	RATING*	TYPE	POLES
MIB†	SYS SOURCE	—	43.8A	60AT†	MCCB	3
BIB†	BYP SOURCE	—	41.6A	60AT†	MCCB	3
Q1	UPS AC IN	INPUT PANEL	40.2A	60AF	MCCB	3
Q2	UPS AC OUT	BYPASS PANEL	41.6A	60AF	MCCB	4
Q3, Q4	SYS OUT	BYPASS PANEL	41.6A	175AF	MCCB	4
Q5	UPS INT SSW	INPUT PANEL	41.6A	60AF†	MCCB	3
Q7	DC DISCONNECT	DC DISCONNECT	33.3A	250AF	MCCB	4
F1	BATTERY FUSE	DC DISCONNECT	33.3A	125A	FAST ACTING	1

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



NOTES:

- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
- PLEASE REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS.
- DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT, PLEASE REFER TO MECHANICAL DRAWINGS FOR PHYSICAL LAYOUT.
- ALL BREAKERS ARE 80% CONTINUOUS DUTY RATED.
- △ 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 SHALL BE 208VAC, 3 WIRE, WYE CONNECTED, 3φ (CONTACT SCHNEIDER ELECTRIC IF OTHER).
- △ 14. AC CABLING SHALL BE 600V RATED, 3 WIRE + GROUND, AND SHALL BE RUN IN SEPARATE CONDUITS.

THIS DRAWING IS APPLICABLE TO THE FOLLOWING SKUS

15kVA UPS SKUs	SUVT15KF2B2
	SUVT15KF2B4
	SUVT15KF3B4
	SUVT15KF4B4
XR BATTER SKUs	SUVTXR2B6
	SUVTXR6B6
	SUVTXR2B6
	SUVTXR6B6
BYPASS PANEL	SUVTSBPAR10K15F

LINETYPE LEGEND:

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

DUAL MAINS, W/BAYED XR BATTERY CABINETS

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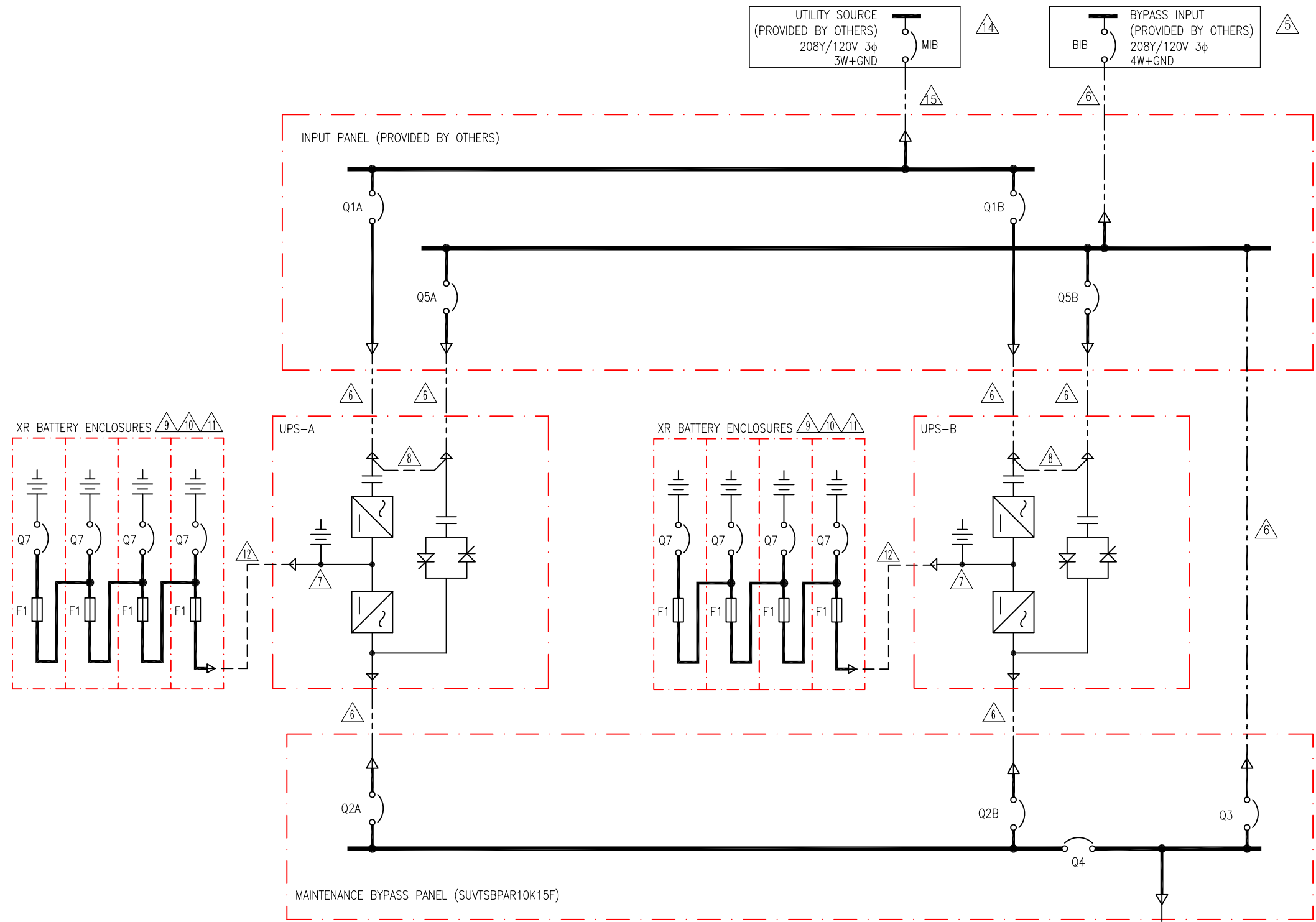
TITLE: SMART-UPS VT, PARALLEL SYSTEM
 INPUT: 208VAC, 3φ, DUAL MAINS
 OUTPUT: 208VAC, 15kVA, N+1
 BAYED XR BATTERY ENCLOSURES
 SYSTEM ONE LINE DIAGRAM

DWG NO:	SUVT15KF2R2-SD	REV:	4
DRAWN BY:	C KRISHNA/BALA	24-AUG-16	PROJ
ENGINEER:	M MAISSY	24-AUG-16	ANGLE
APPROVED:	M MAISSY	24-AUG-16	N.A.

PROJECT: SUBMITTAL DRAWINGS | SHEET 1 OF 2

OVERCURRENT PROTECTION DEVICE TABLE						
DEVICE	FUNCTION	LOCATION	CURRENT	RATING*	TYPE	POLES
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F1	BATTERY FUSE	DC DISCONNECT	33.3A	125A	FAST ACTING	1

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



- NOTES:
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 - AC CABLING TO BE 600V RATED, 4 WIRE + GROUND, AND SHALL BE RUN IN SEPARATE CONDUITS.
 - DC SOURCE TO BE 384VDC WITH CENTER TAP, 3 WIRE + GROUND.
 - SINGLE MAINS INSTALLATION IS A DEFAULT. BRIDGE BUS BARS SHALL BE REMOVED FOR DUAL MAINS INSTALLATIONS.
 - XR BATTERY ENCLOSURE IS AVAILABLE WITHOUT BREAKER WITH DC FUSE ONLY
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 - 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.
 - DC CABLING TO BE 600V RATED, 3W+GND, SHALL BE RUN IN SEPARATE CABLING CONDUITS.
 - CABLE LUGS ARE PROVIDED BY OTHERS.
 - AC SOURCE SHALL BE 208VAC, 3 WIRE, WYE CONNECTED, 3φ (CONTACT SCHNEIDER ELECTRIC IF OTHER).
 - AC CABLING SHALL BE 600V RATED, 3 WIRE + GROUND, AND SHALL BE RUN IN SEPARATE CONDUITS.

THIS DRAWING IS APPLICABLE TO THE FOLLOWING SKUs	
15kVA UPS SKUs	SUVT15KF2B2
	SUVT15KF2B4
	SUVT15KF3B4
	SUVT15KF4B4
XR BATTER SKUs	SUVTBXR2B6
	SUVTBXR6B6
	SUVTXR2B6
	SUVTXR6B6
BYPASS PANEL	SUVTSPAR10K15F

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

DUAL MAINS, W/REMOTE XR BATTERY CABINETS

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TITLE: SMART-UPS VT, PARALLEL SYSTEM
INPUT: 208VAC, 3φ, DUAL MAINS
OUTPUT: 208VAC, 15kVA, N+1
REMOTE XR BATTERY ENCLOSURES
SYSTEM ONE LINE DIAGRAM

DWG NO:	REV:
SUVT15KF2R2-SD	4
DRAWN BY:	PROJ
C KRISHNA/BALA	24-AUG-16
ENGINEER:	ANGLE
M MAISSY	24-AUG-16
APPROVED:	N.A.
M MAISSY	24-AUG-16

PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 2