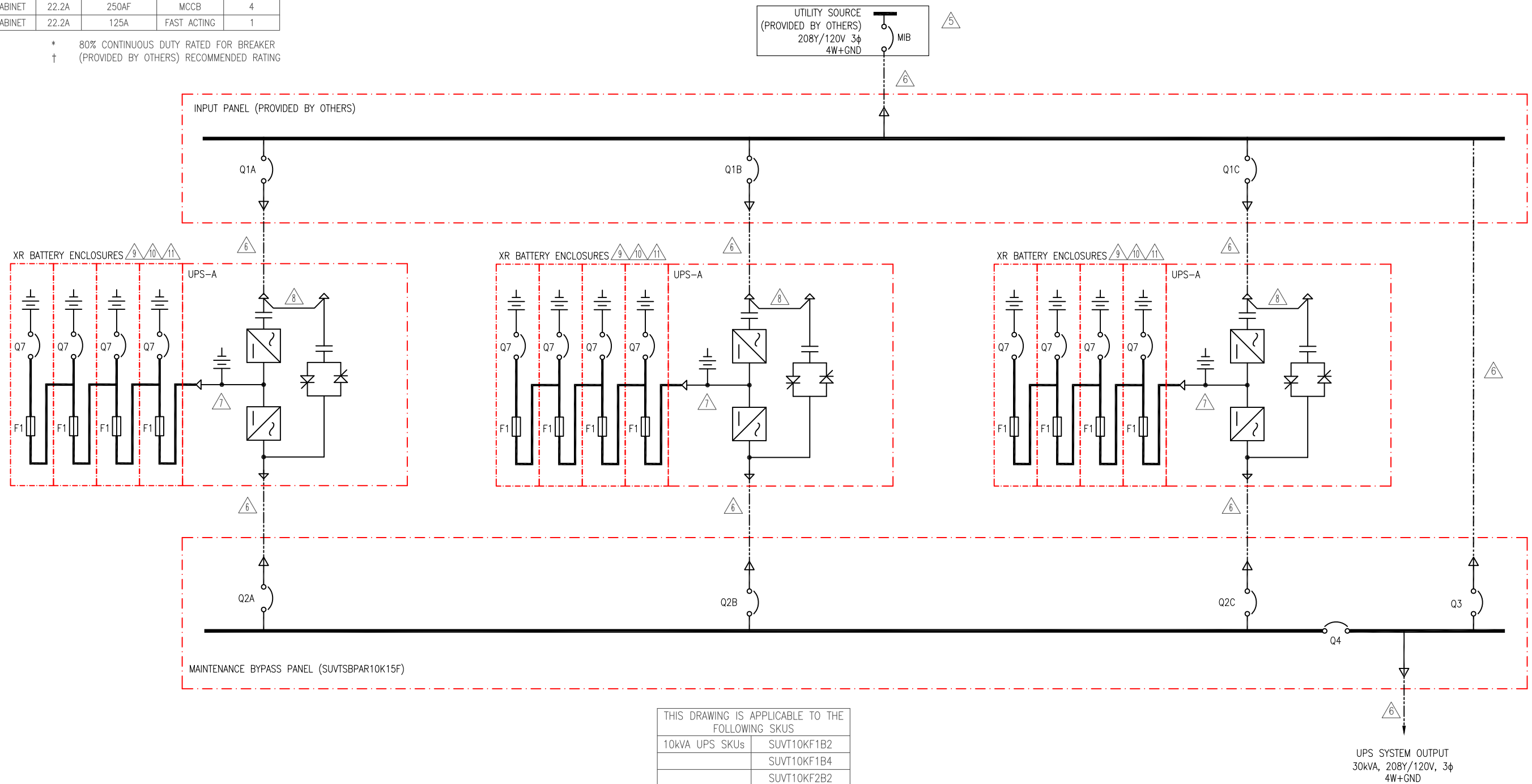


OVERCURRENT PROTECTION DEVICE TABLE						
DEVICE	FUNCTION	LOCATION	CURRENT	RATING*	TYPE	POLES
MIB†	SYS SOURCE	-	80.2A	125A†	MCCB	3
Q1	UPS AC IN	INPUT PANEL	26.7A	40AF†	MCCB	3
Q2	UPS ANC OUT	BYPASS PANEL	27.8A	60AF	MCCB	4
Q3, Q4	SYS OUT	BYPASS PANEL	83.3A	175AF	MCCB	4
Q7	DC DISCONNECT	BATTERY CABINET	22.2A	250AF	MCCB	4
F1	BATTERY FUSE	BATTERY CABINET	22.2A	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 NOT BE REMOVED.
- △ 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.
- CABLE LUGS ARE PROVIDED BY OTHERS.

THIS DRAWING IS APPLICABLE TO THE FOLLOWING SKUS	
10kVA UPS SKUs	SUVT10KF1B2
	SUVT10KF1B4
	SUVT10KF2B2
	SUVT10KF2B4
	SUVT10KF3B4
	SUVT10KF4B4
XR BATTERY SKUs	SUVTBXR2B6
	SUVTBXR6B6
	SUVTXR2B6
	SUVTXR6B6
BYPASS PANEL	SUVTBPAR10K15F

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

SINGLE MAINS, W/BAYED XR BATTERY CABINETS

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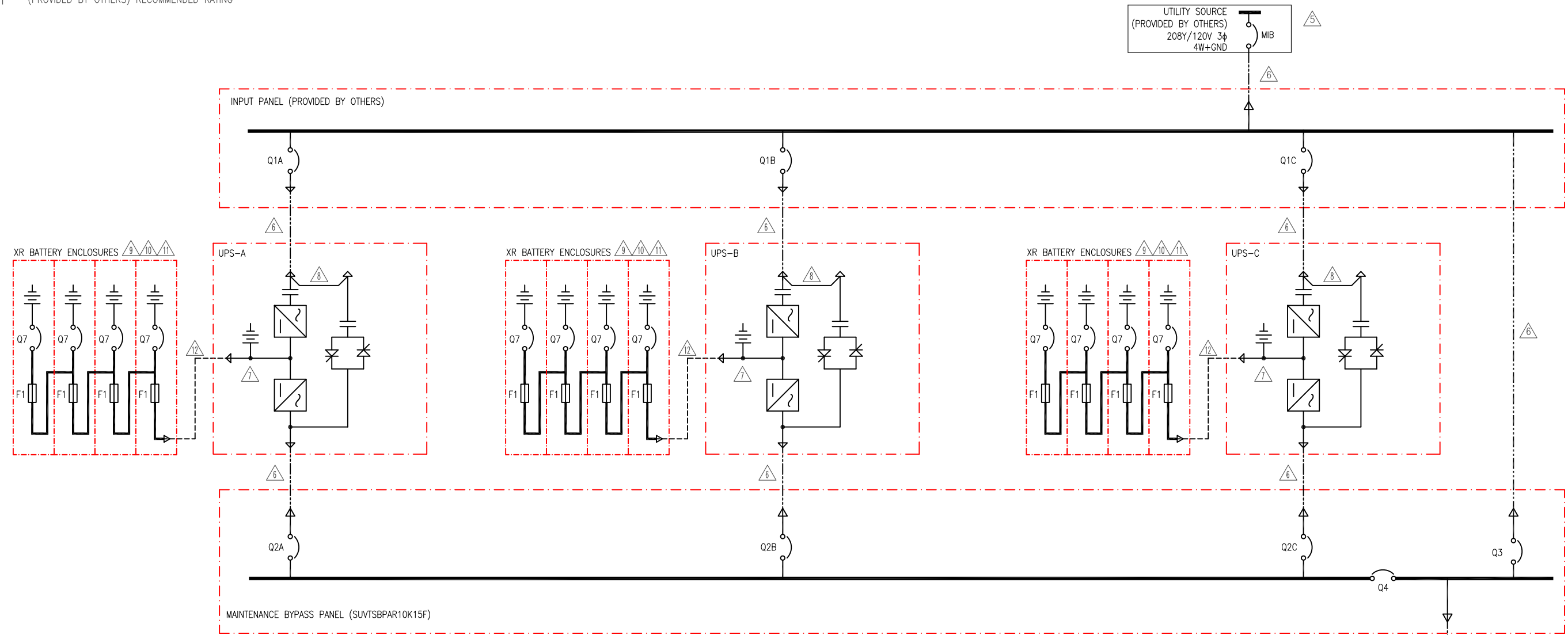
TITLE: SMART-UPS VTI, PARALLEL SYSTEM
INPUT: 208VAC, 3φ, SINGLE MAINS
OUTPUT: 208VAC, 30kVA
BAYED XR BATTERY ENCLOSURES
SYSTEM ONE LINE DIAGRAM

PROJECT: SUBMITTAL DRAWINGS | SHEET 1 OF 2

DWG NO:	REV:
SUVT10KF1C3-SD	2
DRAWN BY: B ZAHN/BALA	24-AUG-16
ENGINEER: M LEPARD	24-AUG-16
APPROVED: B SHERIDAN/F DIOSA	24-AUG-16
	PROJ ANGLE N.A.

OVERCURRENT PROTECTION DEVICE TABLE						
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F1	BATTERY FUSE	BATTERY CABINET	22.2A	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.
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- AC SOURCE TO BE 208VAC, 4 WIRE, WYE CONNECTED, 3φ (CONTACT SCHNEIDER ELECTRIC IF OTHER)
- 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 NOT BE REMOVED.
- XR BATTERY ENCLOSURE IS AVAILABLE WITHOUT BREAKER WITH DC FUSE ONLY
- UP TO FOUR XR BATTERY ENCLOSURES MAY BE CONNECTED TO THE UPS TO EXTEND BACKUP TIME.
- 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.

THIS DRAWING IS APPLICABLE TO THE FOLLOWING SKUs

10kVA UPS SKUs	SUVT10KF1B2
	SUVT10KF1B4
	SUVT10KF2B2
	SUVT10KF2B4
	SUVT10KF3B4
	SUVT10KF4B4
XR BATTERY SKUs	SUVTBX2B6
	SUVTBX6B6
	SUVTXR2B6
	SUVTXR6B6
BYPASS PANEL	SUVTSBPAR10K15F

LINETYPE LEGEND:

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

SINGLE MAINS, W/REMOTE XR BATTERY CABINETS

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TITLE: SMART-UPS VT, PARALLEL SYSTEM
INPUT: 208VAC, 3φ, SINGLE MAINS
OUTPUT: 208VAC, 30kVA
REMOTE XR BATTERY ENCLOSURES
SYSTEM ONE LINE DIAGRAM
PROJECT: SUBMITTAL DRAWINGS | SHEET 2 OF 2

DWG NO: SUVTP10KF1C3-SD
DRAWN BY: B ZAHN/BALA
ENGINEER: M LEPARD
APPROVED: B SHERIDAN/F DIOSA
REV: 2
24-AUG-16
24-AUG-16
24-AUG-16
PROJ ANGLE
N.A.