

MITSUBISHI 9900C 1050kVA UPS DIRECT CABLE CONFIGURATION

CUSTOMER -

PROJECT NUMBER -

PROJECT LOCATION -

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SHEET NO.	TITLE
01	COVER SHEET
02	UPS & SIDECAR DIRECT CABLE CONFIGURATION
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04	UPS ELECTRICAL SCHEMATIC
05	UPS ONE-LINE DIAGRAM
06	UPS CONTROL WIRING DIAGRAM
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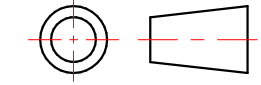
REVISIONS
4. DELETED BUSS DETAILS ADDED REFERENCE FOR SHIPPING SPLIT ASSEMBLY DETAILS P. GUERRIERI 10/6/2016
5. ADDED CENTER OF MASS DIMENSION TO SHEET 1 AND COVER SHEET Z.ZAJAC 11/21/17
6. HID PANELS ON SHEET 3 FOR DIMENSIONS J.MENDEZ 3/27/2018
7. ADDED CONDUIT ENTRY LOCATIONS Z.ZAJAC 8/14/2018

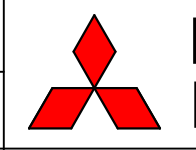
FABRICATION TOLERANCE	
NOMINAL SIZE	TOLERANCE
ANGLES	±0.01°
HOLE TO MATERIAL EDGE	±0.01
HOLE TO FORMED EDGE	±0.01
HOLE TO HOLE	±0.005
FORMED EDGE TO FORMED EDGE	±0.01
FORMED EDGE TO WELDED EDGE < 48.0	±0.03
FORMED EDGE TO WELDED EDGE > 48.0	±0.06
PANEL DISTORTION OVER 48.0in	0.03 MAX

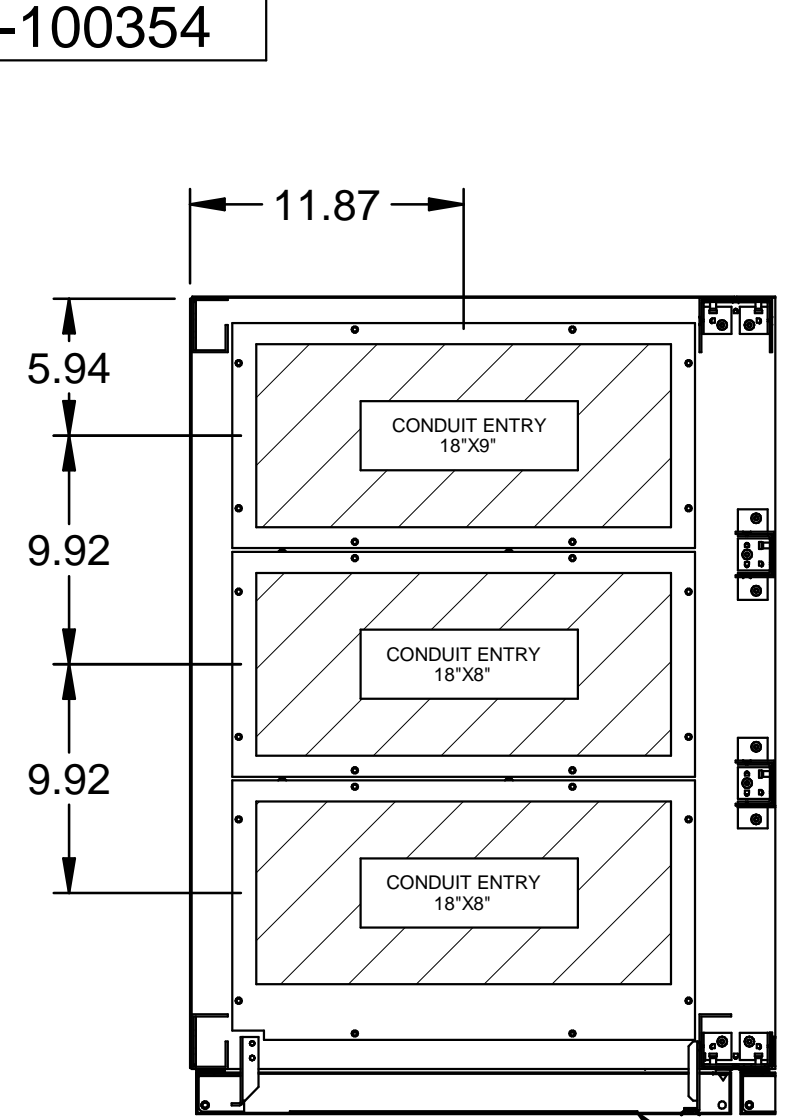
DIMENSIONS IN:
IN [MM] (REP)

SCALE
- NTS -

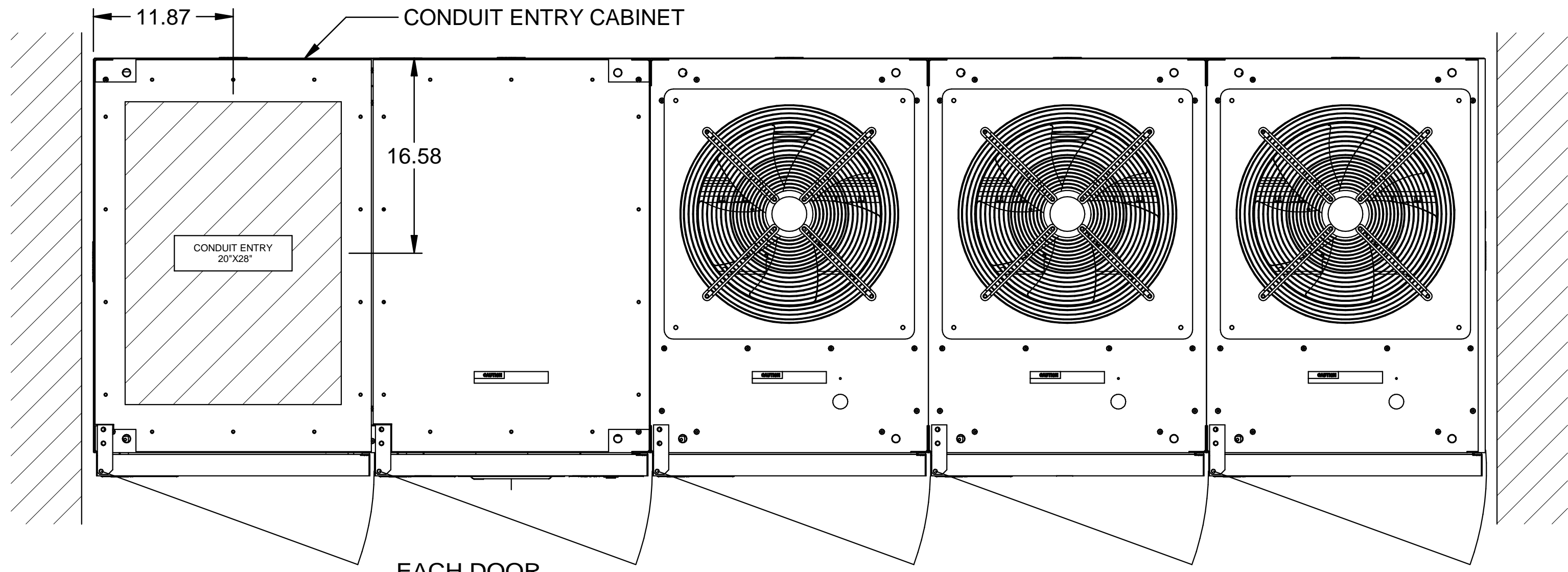
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DRAFTER P. GUERRIERI	DATE 10/6/16
APPROVED N. RIEMER	DATE 10/10/16
	
CORE [REFERENCE] DRAWING	

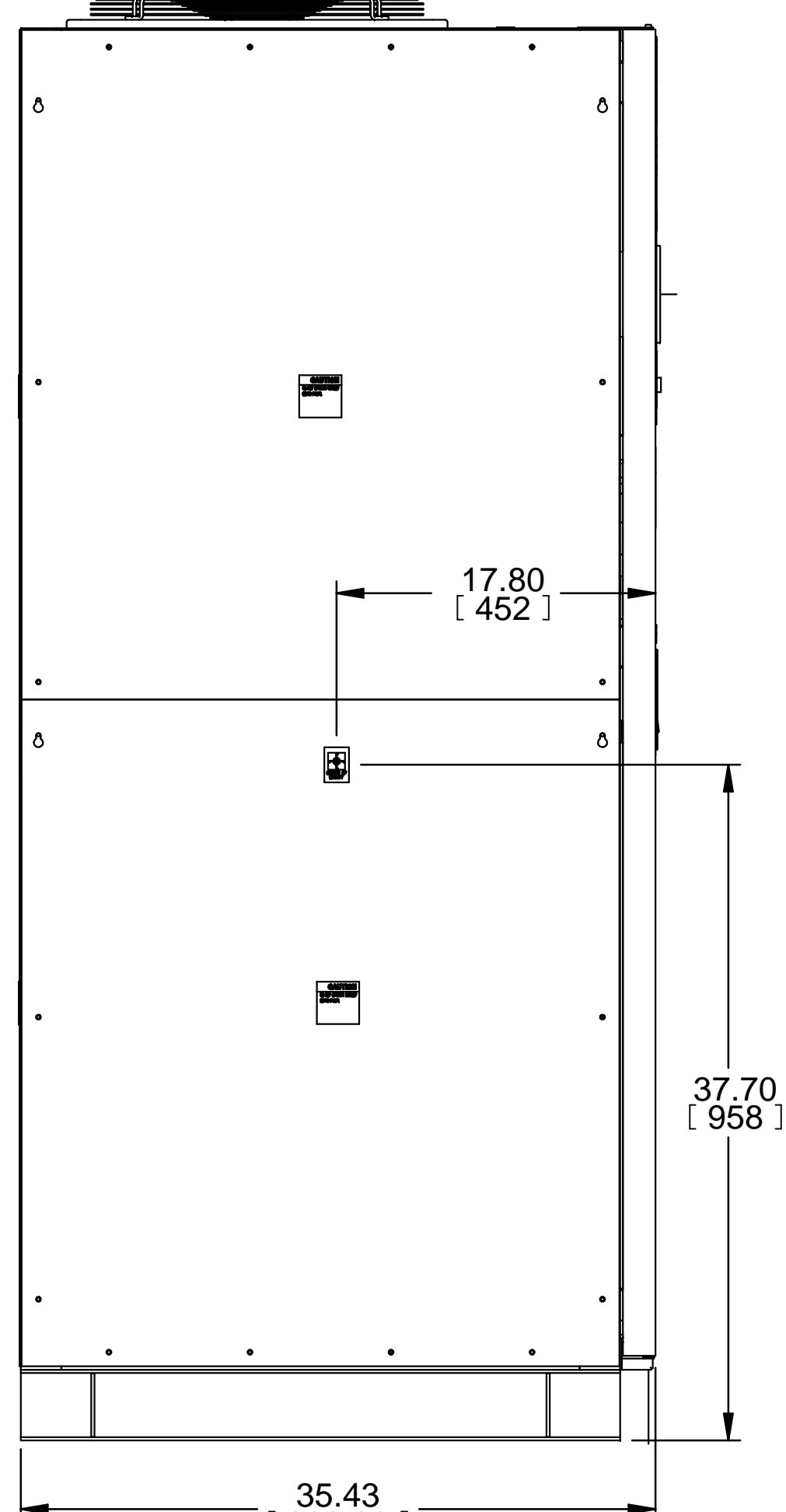
 MITSUBISHI ELECTRIC	TITLE
	9900C UPS MODULE
DWG. NO.	SHEET 1 OF 6 REV.
UD-100354	7



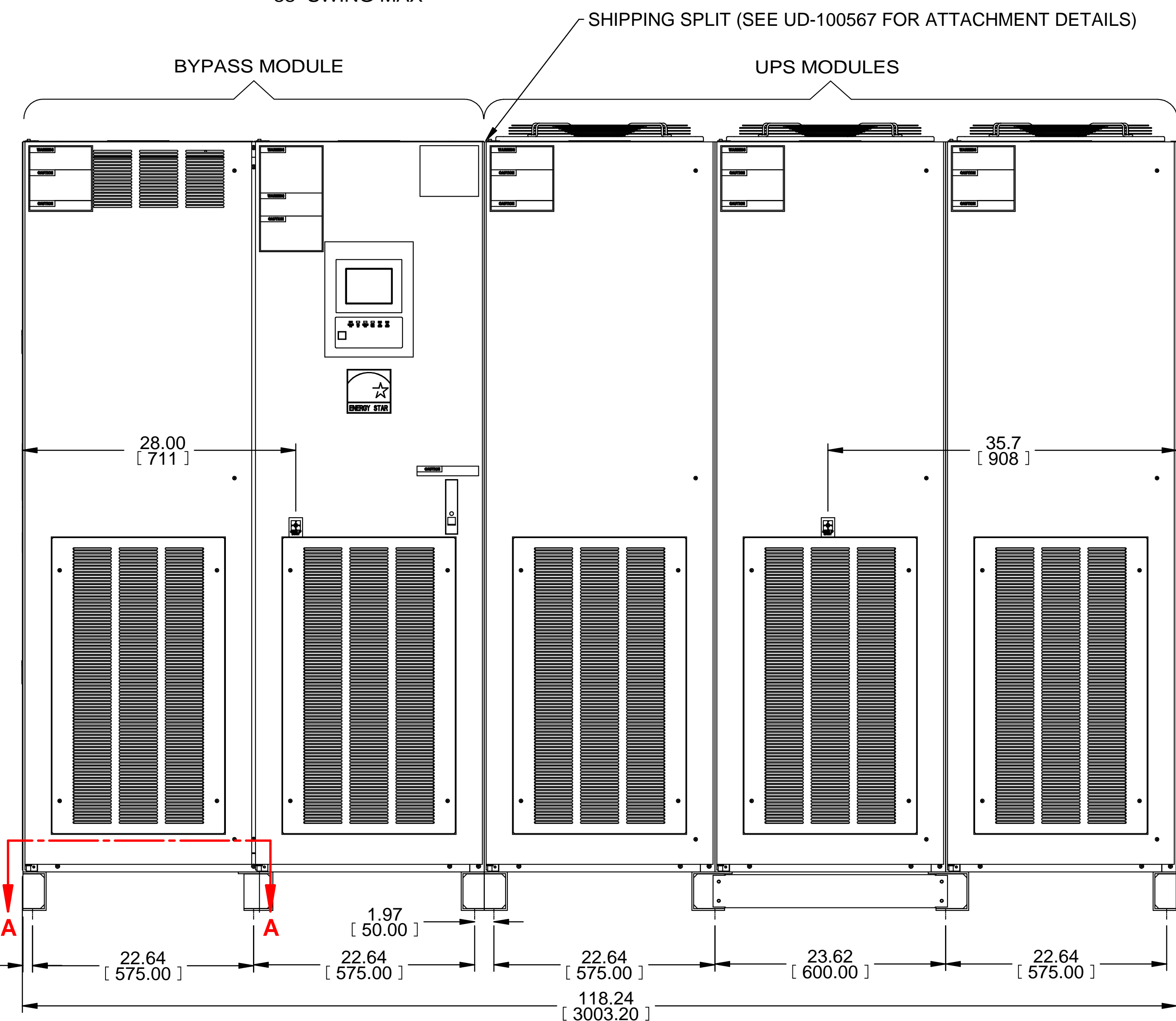
SECTION A-A
BOTTOM CONDUIT ENTRY



TOP VIEW



LEFT SIDE VIEW

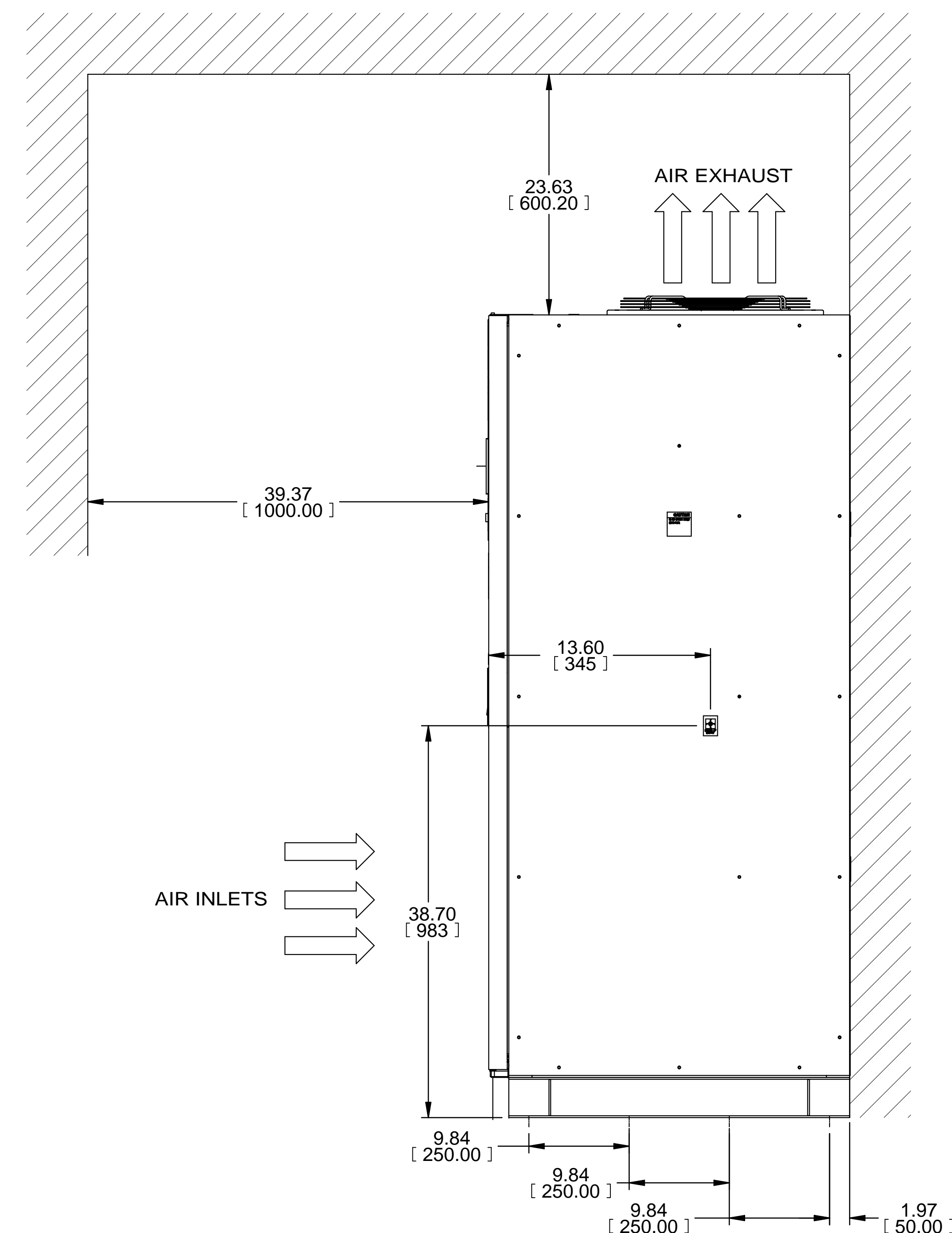


FRONT VIEW

NOTES:

1. DIMENSIONS ARE SHOWN IN INCHES [MILLIMETERS]
2. SIDE SPACE 1.00 [25] IS NOT REQUIRED WHEN SIDECARS ARE USED.
3. CABINET SHOULD BE MAINTAINED UPRIGHT WITHIN +/-15 DEGREES DURING HANDLING.
4. EACH BASE HAS 2 OR 4 0.8 INCH [20] DIAMETER HOLES TO FIX UPS ON THE GROUND.
5. APPROXIMATE WEIGHT:

UPS MODULES	4960 LBS. (2250 kg)
BYPASS MODULE	1653 LBS. (750 kg)
TOTAL	6613 LBS. (3000 kg)
6. EXTERNAL WIRES OR CABLES SHALL BE PROVIDED BY CUSTOMERS FOR AC-INPUT, DC-INPUT, BYPASS-INPUT, AND AC-OUTPUT. (OUT OF MITSUBISHI PROVISION)
7. ROTATION OF A, B, AND C PHASE IS CLOCKWISE.
8. DC BUSS HAS PROVISIONS FOR EIGHT (8) NEMA 2 HOLE LUGS
9. AC BUSS HAS PROVISIONS FOR SIX (6) NEMA 2 HOLE LUGS

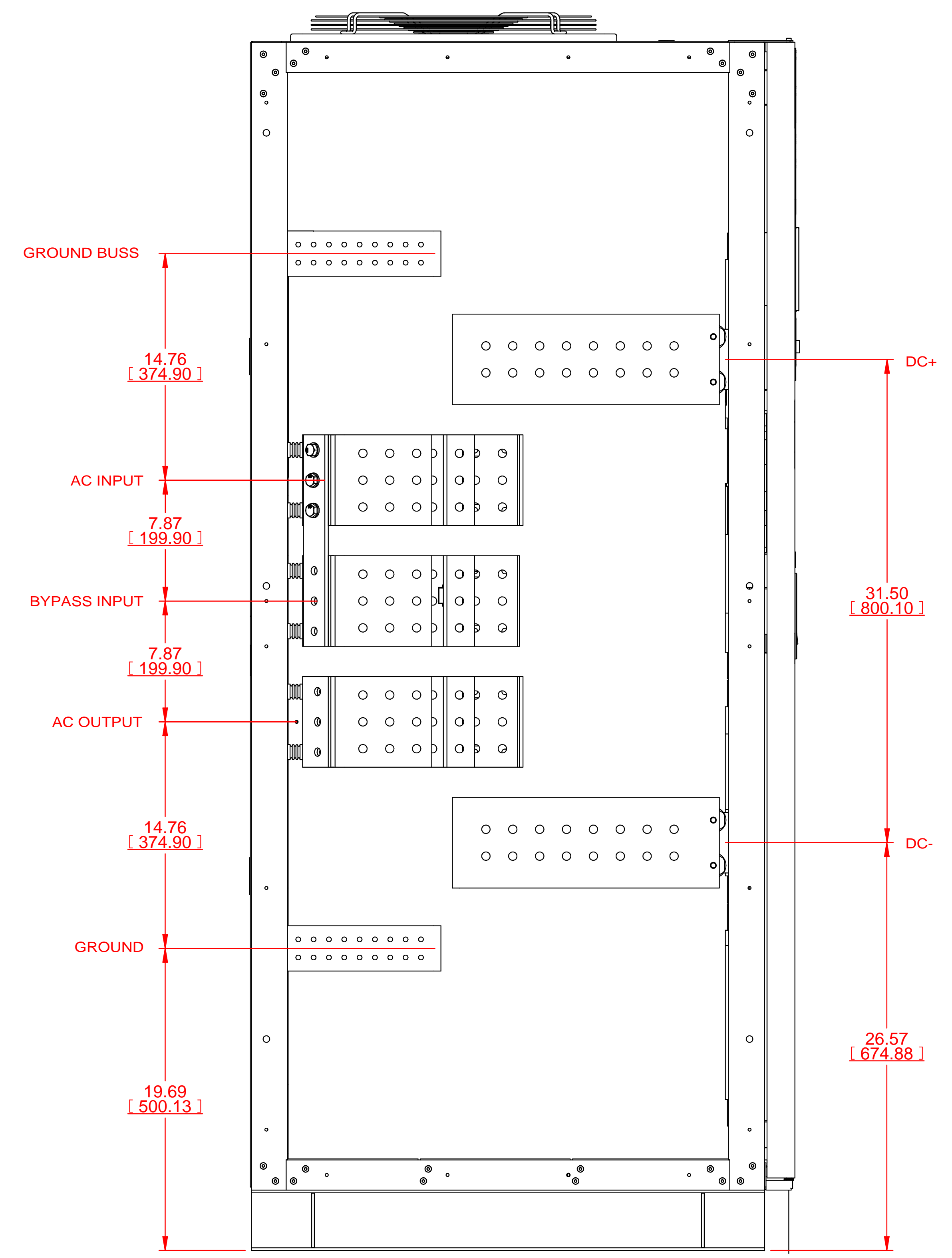


RIGHT SIDE VIEW

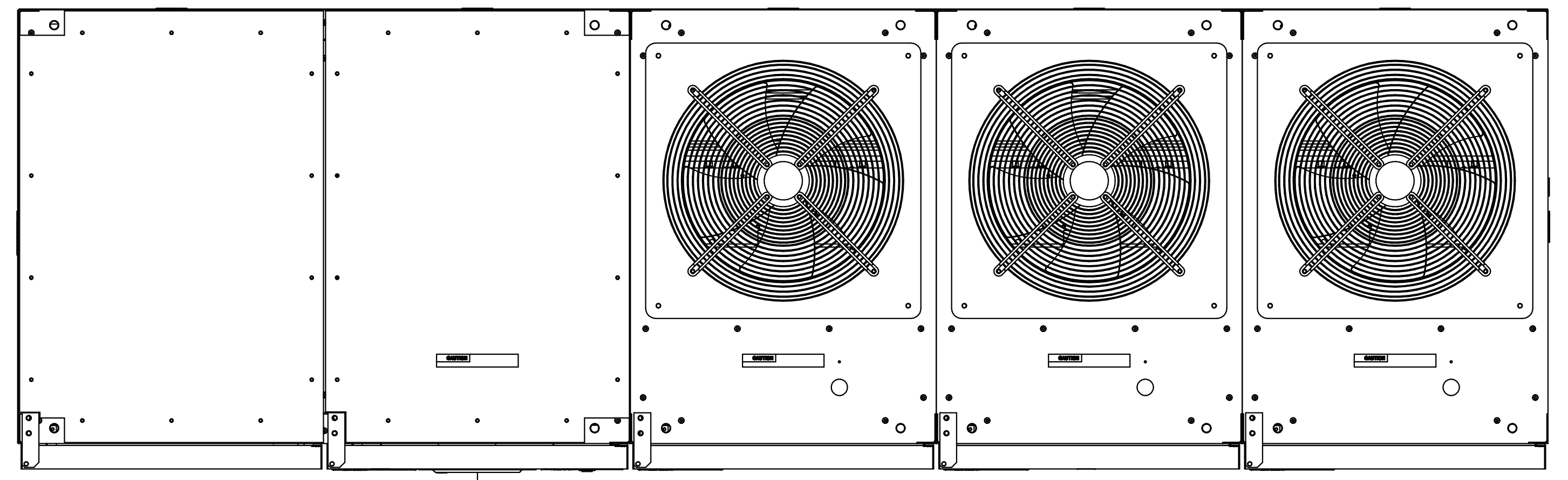
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FABRICATION TOLERANCE		DIMENSIONS IN:	SCALE	DRAFTER	DATE
NOMINAL SIZE	TOLERANCE	IN [MM] (REP)	- NTS -	P. GUERRIERI	10/6/16
ANGLES	±0.01°				
HOLE TO MATERIAL EDGE	±0.01				
HOLE TO FORMED EDGE	±0.01				
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FORMED EDGE TO FORMED EDGE	±0.01				
FORMED EDGE TO WELDED EDGE < 48.0	±0.03				
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PANEL DISTORTION OVER 48.0in	0.03 MAX				

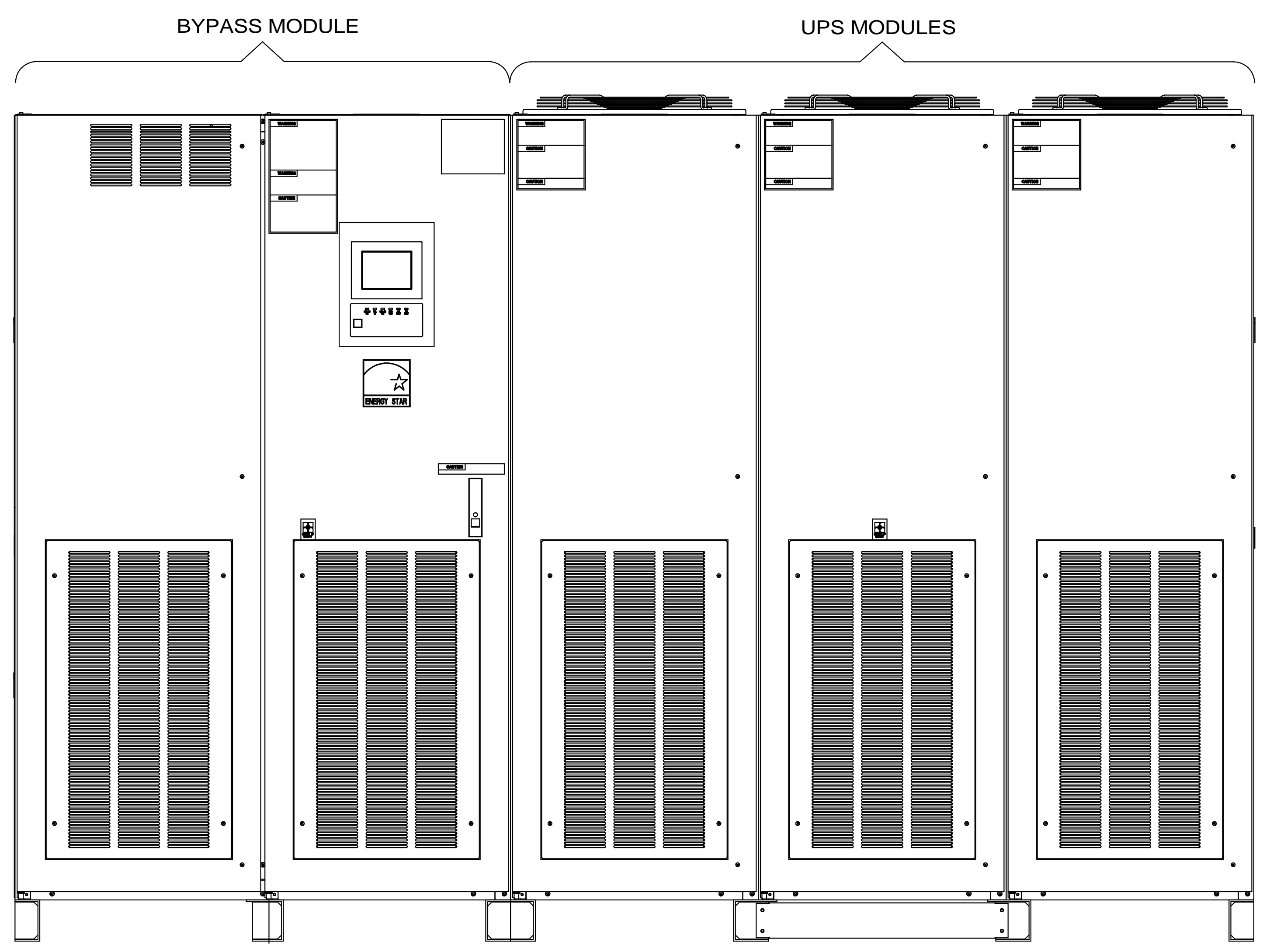
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CORE [REFERENCE] DRAWING			TITLE 9900C UPS MODULE	
			DWG. NO. UD-100354	SHEET 2 OF 6 REV. 7



LEFT SIDE VIEW
PANELS NOT SHOWN



TOP VIEW
PANEL NOT SHOWN



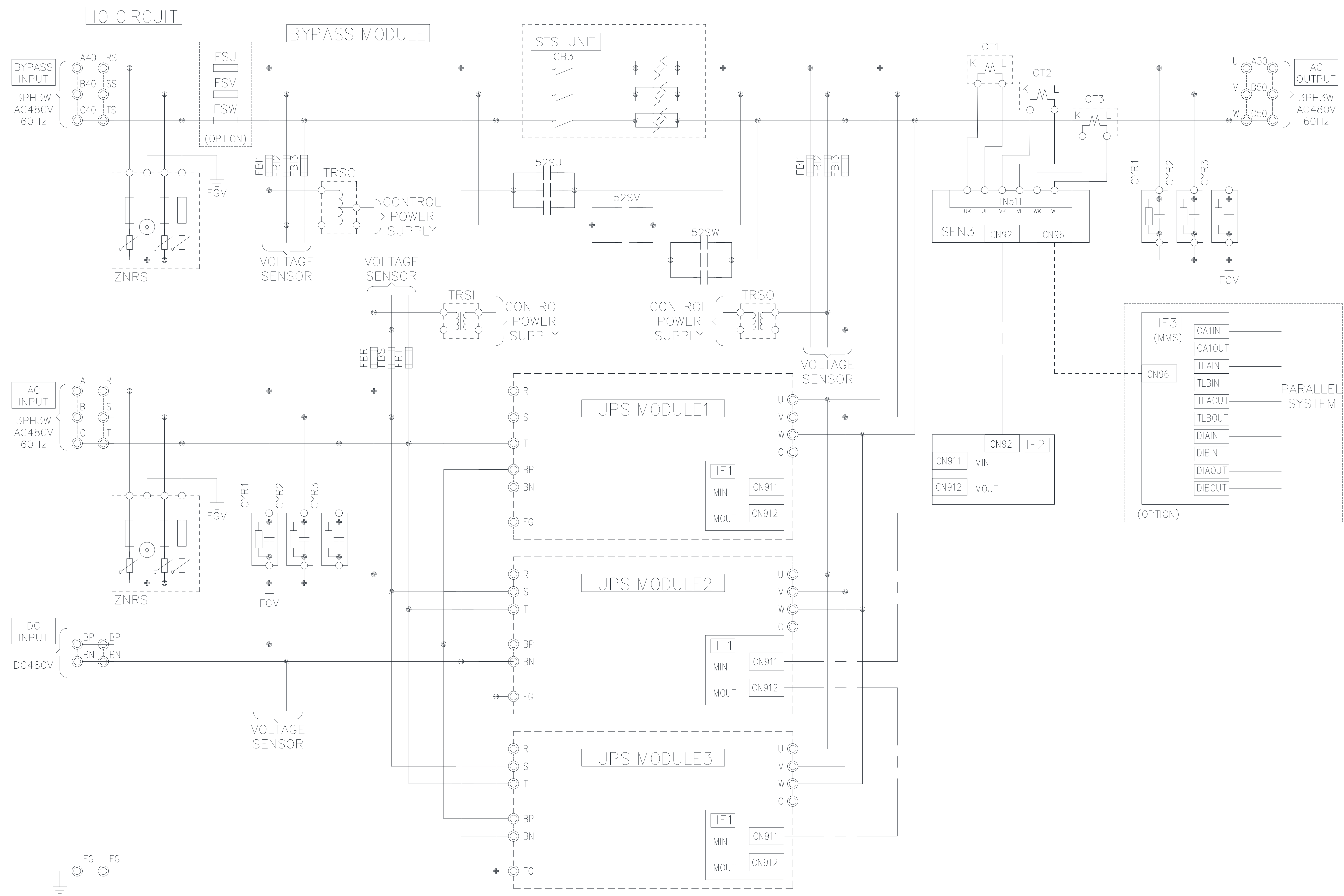
FRONT VIEW
PANEL NOT SHOWN

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APPROVED	N. RIEMER	DATE	10/10/16

		MITSUBISHI ELECTRIC	
TITLE			
9900C UPS MODULE			
DWG. NO.		SHEET 3 OF 6	
UD-100354		7	

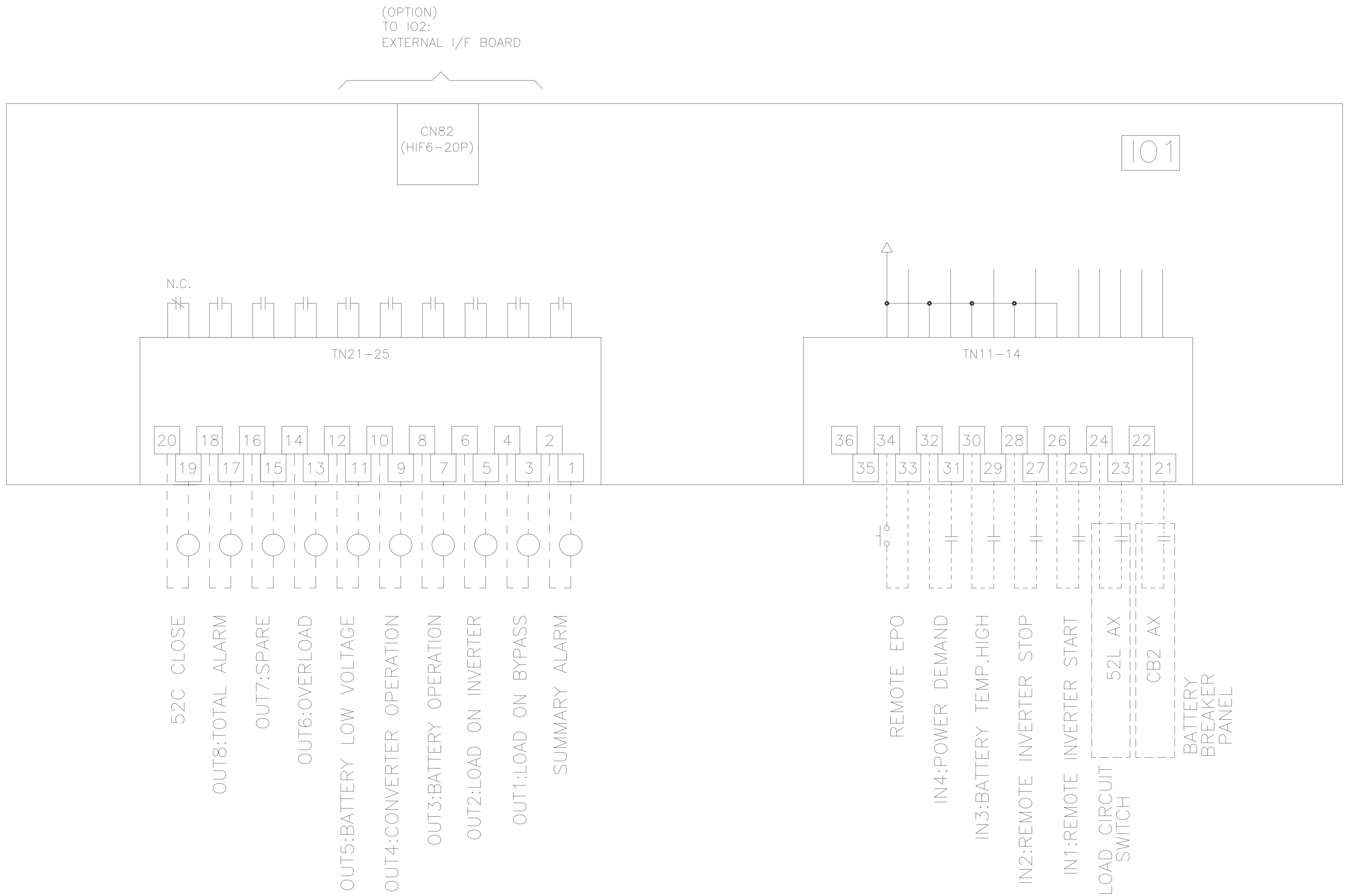


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CORE [REFERENCE] DRAWING		TITLE 9900C UPS MODULE DWG. NO. UD-100354 SHEET 4 OF 6 REV. 7



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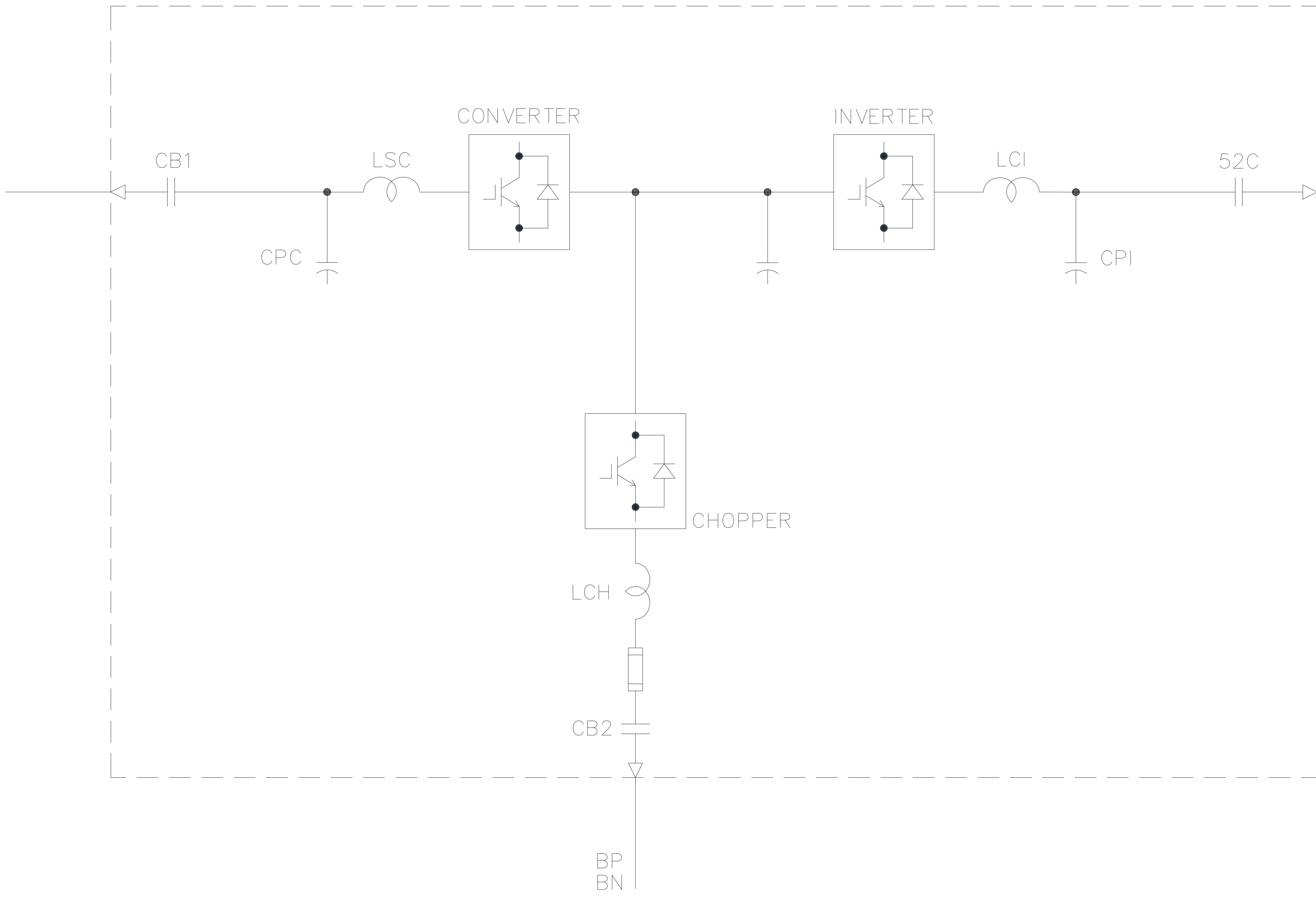
MITSUBISHI ELECTRIC

TITLE
9900C UPS MODULE

DWG. NO. UD-100354 SHEET 5 OF 6 REV. 7

UPS MODULE (TYPICAL)

AC INPUT
3-PHASE 3-WIRE
AC480V 60Hz



AC OUTPUT
3-PHASE 3-WIRE
AC480V 60Hz

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9900C UPS MODULE

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