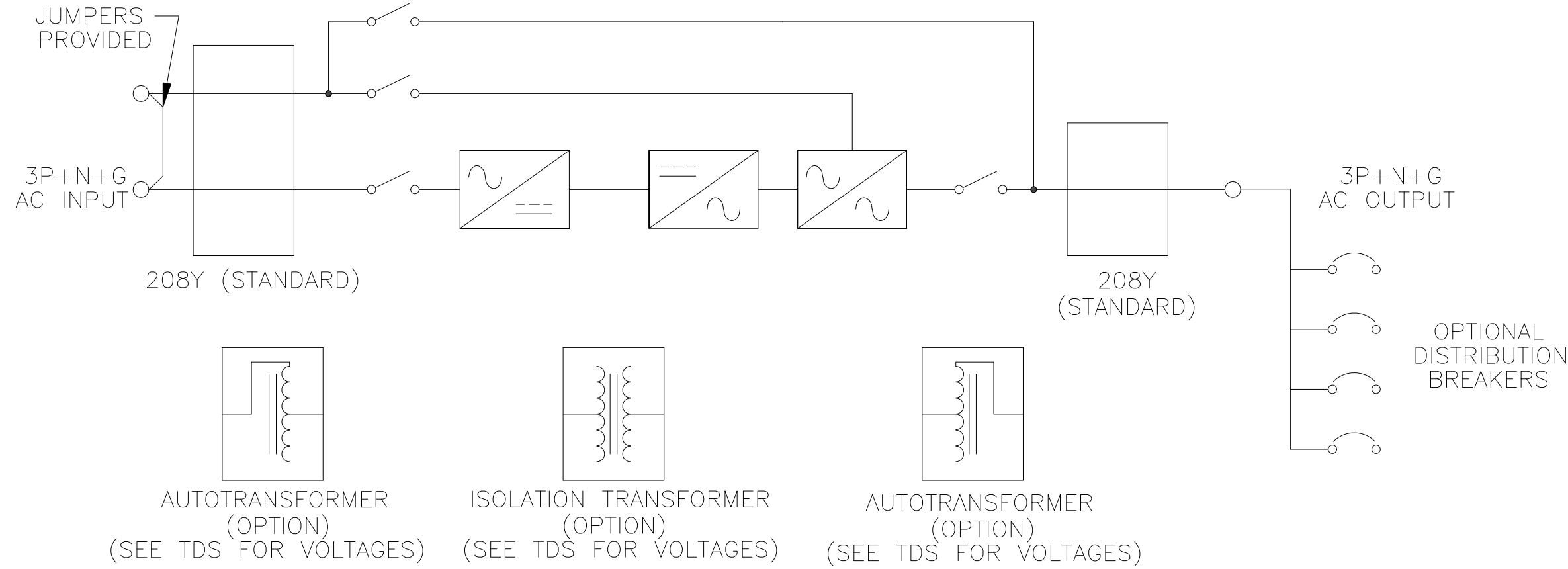


CONDUIT LANDING PANEL
16.50x7.13 [419.1x181.0]



DWG. SIZE	DWG. NO. 096-6188		
	REVISIONS		
SYM.	E.C.O.	DATE	APVD.
A	RELEASED TO PRODUCTION		
B	30141 1/22/25 REAR ENTRY/DESC.		

SUMMARY OF EQUIPMENT
THE STACO E3 PRECISION POWER CONDITIONER (PPC) IS A TRUE ON-LINE, DOUBLE CONVERSION, PARALLELABLE, THREE-PHASE SYSTEM THAT CAN PREVENT THE LOSS OF ELECTRONIC INFORMATION AND MINIMIZE EQUIPMENT DOWN TIME.

THE STACO E3 PPC CONSTANTLY MONITORS THE INCOMING ELECTRICAL POWER AND PROTECTS THE CONNECTED LOAD BY REMOVING VOLTAGE SPIKES, SAGS, TRANSIENTS, AND OTHER DAMAGING IRREGULARITIES THAT ARE COMMON IN COMMERCIAL UTILITY POWER. THE PPC SUPPLIES THE CLEAN AND CONSISTENT POWER THAT SENSITIVE ELECTRONIC EQUIPMENT REQUIRES FOR RELIABLE OPERATION.

THE FRONT DISPLAY PANEL PROVIDES ACCESS TO DETAILED INFORMATION REGARDING THE STATUS OF THE UTILITY, LOAD AND STACO E3 PPC.

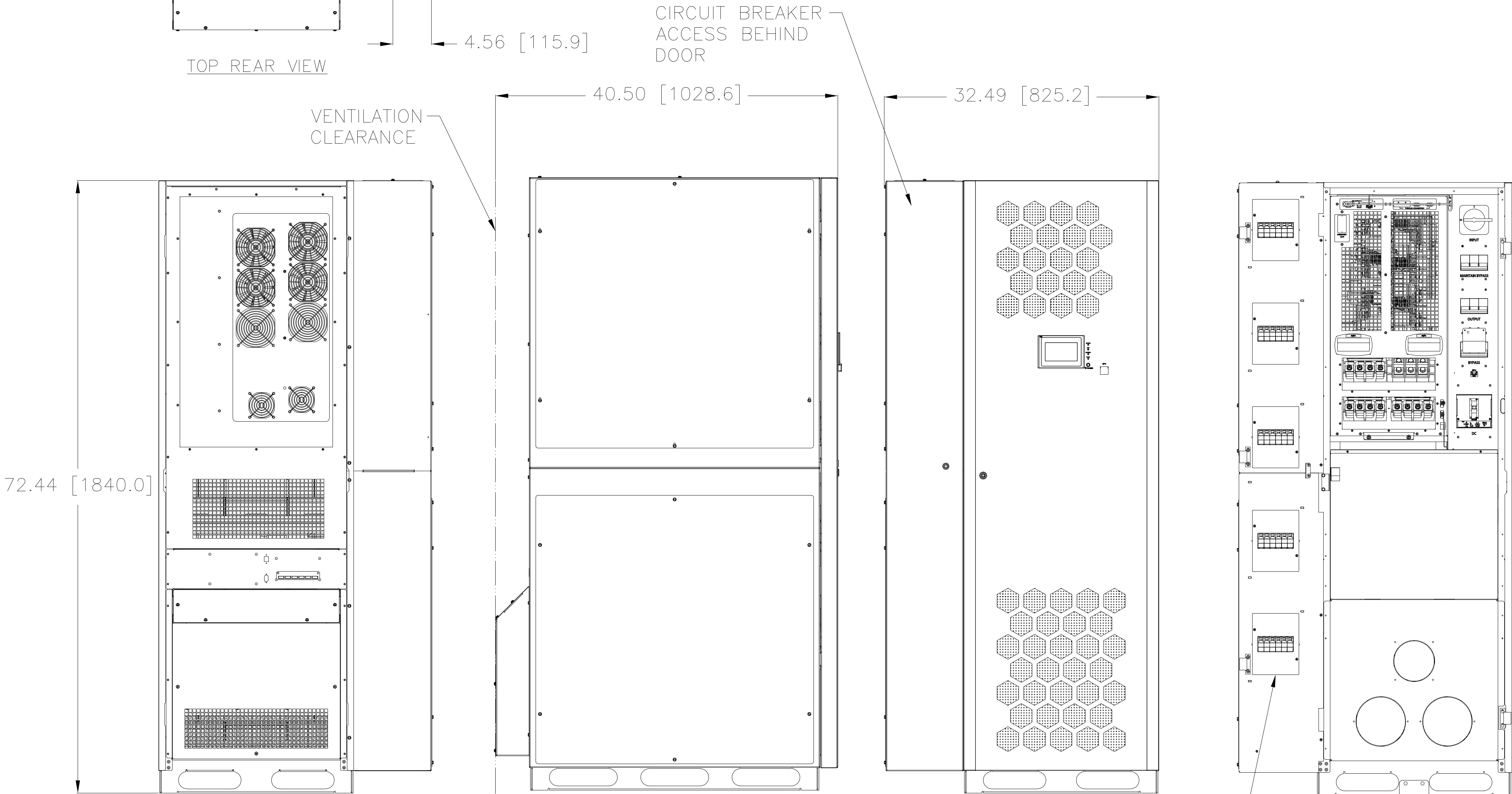
THE BLOCK DIAGRAM INCLUDED SHOWS THE MAIN FUNCTIONAL SUBASSEMBLIES OF THE STACO E3 PPC. THE AC THREE PHASE UTILITY SUPPLY IS RECTIFIED TO PROVIDE DIRECT CURRENT, THE INVERTER WHICH PROVIDES THE THREE-PHASE OUTPUT, AND ELECTRONIC STATIC SWITCH.

THE INVERTER HAS ITS OWN INTERNAL CONTROL TO STABILIZE THE OUTPUT FREQUENCY IF THE UTILITY FREQUENCY IS OUT OF LIMITS. THE ELECTRONIC STATIC SWITCH SWITCHES THE OUTPUT FROM THE INVERTER TO THE UTILITY, WITHOUT INTERRUPTION, TO MEET ANY LOAD CURRENT SURGES.

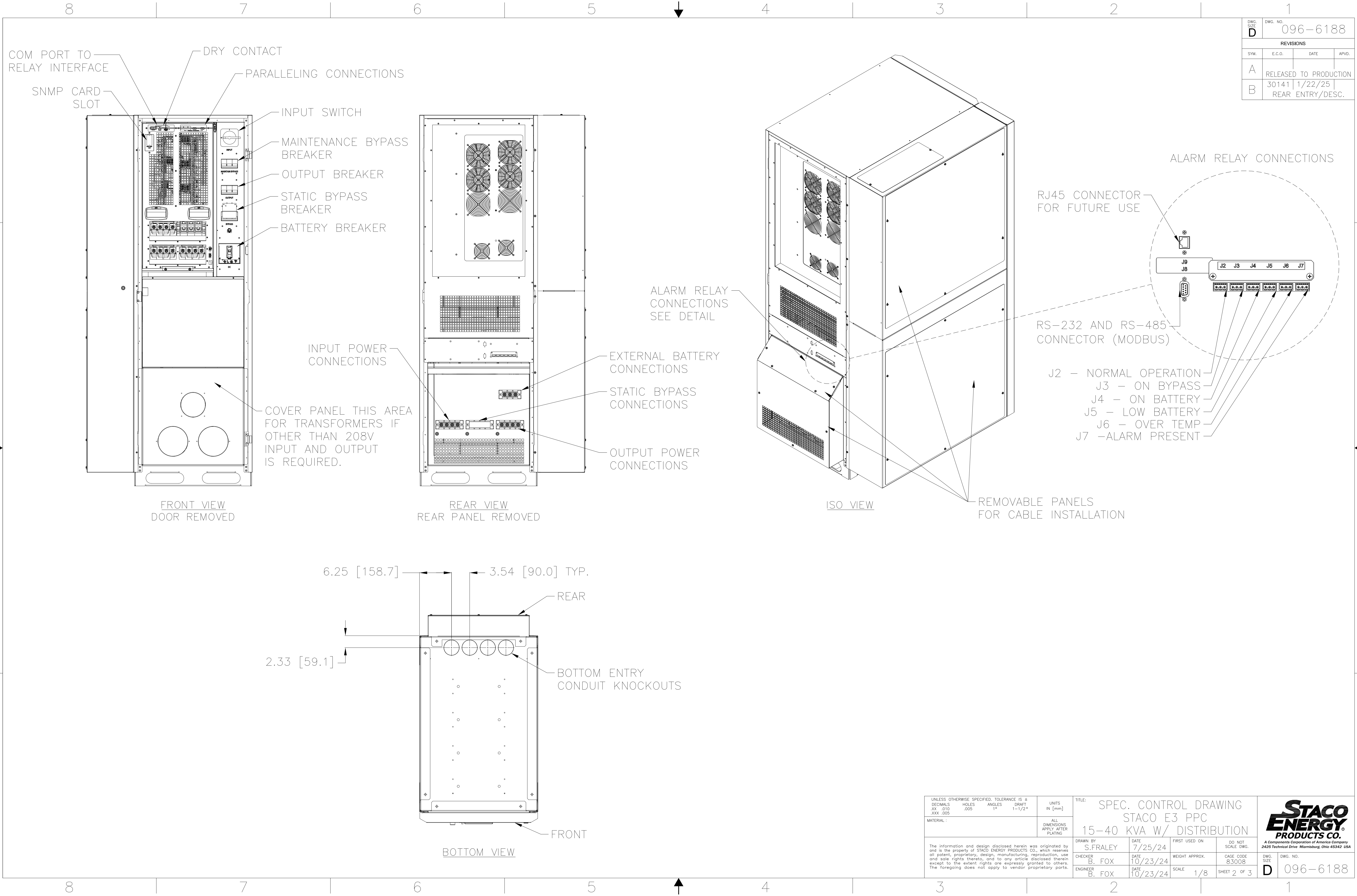
ENVIRONMENTAL
OPERATING TEMPERATURE: 0 C TO 40° C
ALTITUDE: 0-3300 FEET [1000 METERS] (WITHOUT DERATING)
RELATIVE HUMIDITY: 0-95%, NON-CONDENSING

SERVICE/VENTILATION CLEARANCES
FROM TOP OF CABINET: 18.00" [457.2MM]
FROM FRONT OF CABINET: 36.00" [914.4MM]
FROM REAR OF CABINET: 0" [0MM]

UL LISTED TO UL 1778, FILE NO.: E191175



UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS .XX .010 .XXX .005				Holes .005 ANGLES 1° DRAFT 1-1/2°		UNITS IN [mm]		TITLE: SPEC. CONTROL DRAWING STACO E3 PPC 15-40 KVA W/ DISTRIBUTION				 A Components Corporation of America Company 2425 Technical Drive Miamisburg, Ohio 45342 USA	
MATERIAL :				ALL DIMENSIONS APPLY AFTER PLATING				DRAWN BY S.FRALEY	DATE 7/25/24	FIRST USED ON	DO NOT SCALE DWG.		
								CHECKER B. FOX	DATE 10/23/24	WEIGHT APPROX.	CAGE CODE 83008	DWG. SIZE D	DWG. NO. 096-6188
The information and design disclosed herein was originated by and is the property of STACO ENERGY PRODUCTS CO., which reserves all patent, proprietary, design, manufacturing, reproduction, use and sale rights thereto, and to any article disclosed therein except to the extent rights are expressly granted to others. The foregoing does not apply to vendor proprietary parts.								ENGINEER B. FOX	DATE 10/23/24	SCALE 1/8	SHEET 1 OF 3		



DWG. SIZE D	DWG. NO. 096-6188		
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ALARM RELAY CONNECTIONS

RJ45 CONNECTOR FOR FUTURE USE

RS-232 AND RS-485 CONNECTOR (MODBUS)

J2 - NORMAL OPERATION
J3 - ON BYPASS
J4 - ON BATTERY
J5 - LOW BATTERY
J6 - OVER TEMP
J7 -ALARM PRESENT

REMOVABLE PANELS FOR CABLE INSTALLATION

ALARM RELAY CONNECTIONS SEE DETAIL

EXTERNAL BATTERY CONNECTIONS

STATIC BYPASS CONNECTIONS

OUTPUT POWER CONNECTIONS

INPUT POWER CONNECTIONS

COVER PANEL THIS AREA FOR TRANSFORMERS IF OTHER THAN 208V INPUT AND OUTPUT IS REQUIRED.

COM PORT TO RELAY INTERFACE

SNMP CARD SLOT

DRY CONTACT

PARALLELING CONNECTIONS

INPUT SWITCH

MAINTENANCE BYPASS BREAKER

OUTPUT BREAKER

STATIC BYPASS BREAKER

BATTERY BREAKER

FRONT VIEW
DOOR REMOVED

REAR VIEW
REAR PANEL REMOVED

ISO VIEW

BOTTOM VIEW

6.25 [158.7]

3.54 [90.0] TYP.

REAR

2.33 [59.1]

BOTTOM ENTRY
CONDUIT KNOCKOUTS

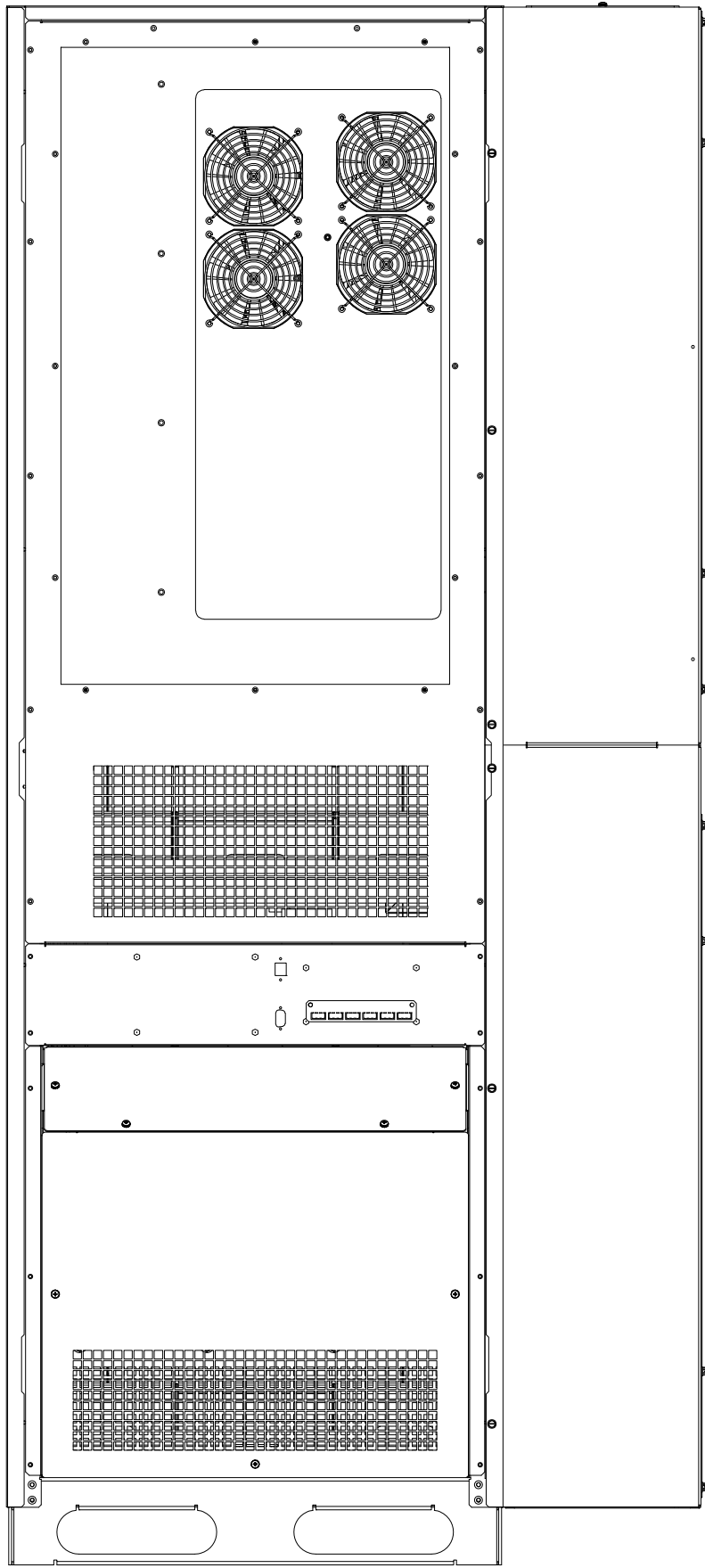
FRONT

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±				TITILE:		SPEC. CONTROL DRAWING STACO E3 PPC 15-40 KVA W/ DISTRIBUTION		 A Components Corporation of Amerisec Company 2425 Technical Drive Miamisburg, Ohio 45342 USA			
DECIMALS	HOLES	ANGLES	DRAFT	UNITS							
.XX .010	.005	1°	1-1/2°	IN [mm]							
.XXX .005				ALL DIMENSIONS APPLY AFTER PLATING							
MATERIAL :					DRAWN BY		DATE	FIRST USED ON	DO NOT SCALE DWG.		
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					CHECKER	DATE	WEIGHT APPROX.	CAGE CODE	DWG. NO.		
					B. FOX	10/23/24		83008	SIZE		
					ENGINEER	DATE	SCALE	SHEET 2 OF 3	D		
					B. FOX		10/23/24	1/8		096-6188	

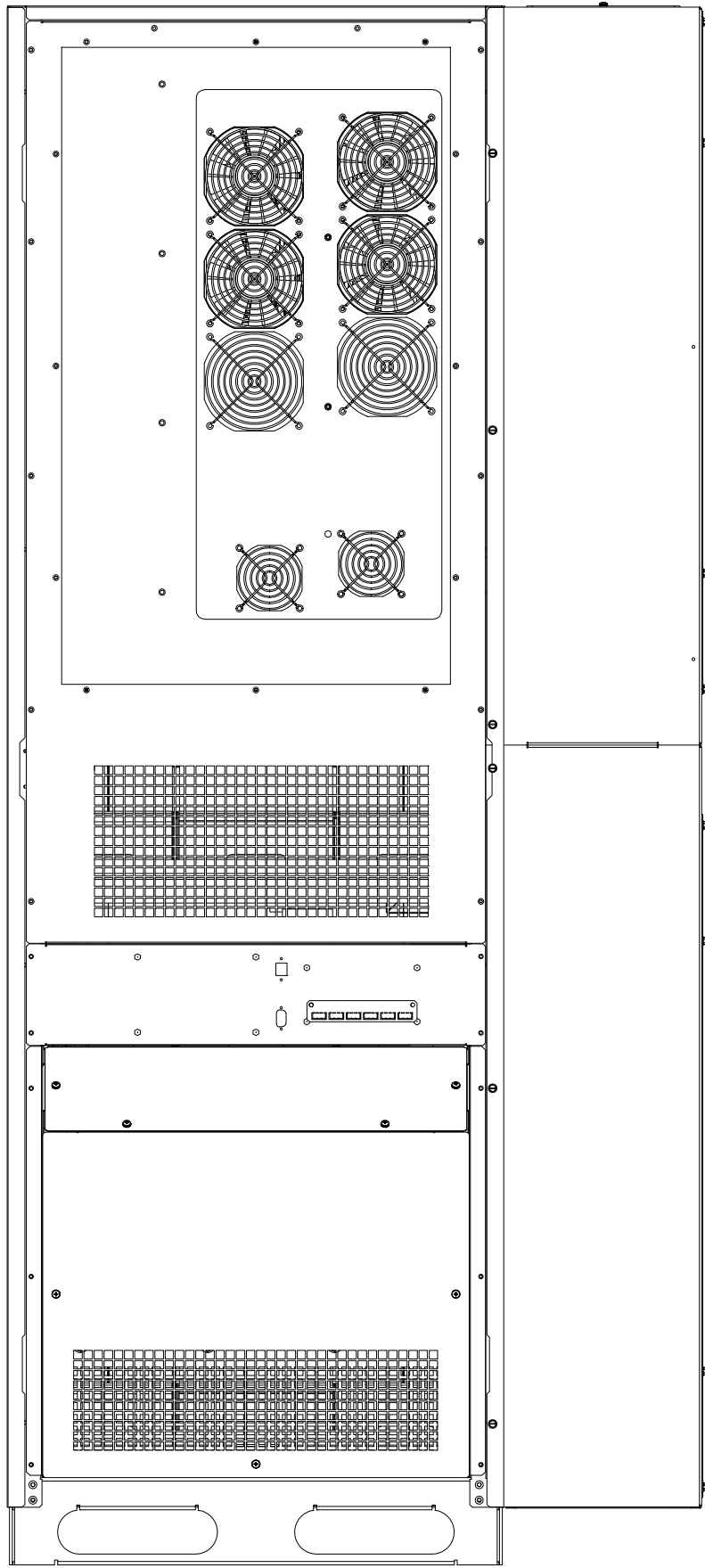


A Components Corporation of America Company
2425 Technical Drive Miamisburg, Ohio 45342 USA

DWG. SIZE D	DWG. NO. 096-6188		
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15-20 KVA



30-40 KVA

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS HOLES ANGLES DRAFT .XX .010 .005 1° 1-1/2° .XXX .005				UNITS IN [mm]		TITLE: SPEC. CONTROL DRAWING STACO E3 PPC 15-40 KVA W/ DISTRIBUTION				 A Components Corporation of America Company 2425 Technical Drive Miamisburg, Ohio 45342 USA	
MATERIAL :				ALL DIMENSIONS APPLY AFTER PLATING		DRAWN BY S.FRALEY	DATE 7/25/24	FIRST USED ON	DO NOT SCALE DWG.		
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						ENGINEER B. FOX	DATE 10/23/24	SCALE 1/8	SHEET 3 OF 3		