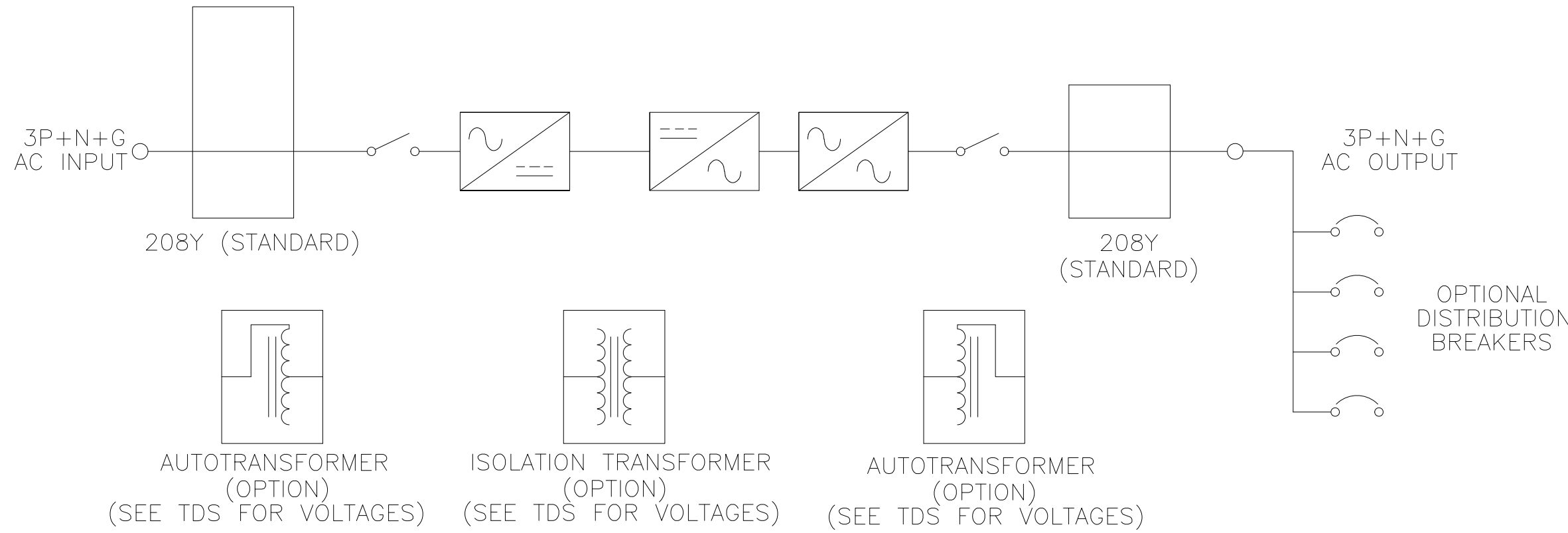


CONDUIT LANDING PANEL
16.50x7.13 [419.1x181.0]



NOTE: AC AND DC CABLES AND LUGS PROVIDED BY OTHERS.

CIRCUIT BREAKER
ACCESS BEHIND
DOOR

TOP REAR VIEW

VENTILATION
CLEARANCE

72.44 [1840.0]

REAR VIEW

LEFT SIDE VIEW

FRONT VIEW

FRONT VIEW
DOORS REMOVED

(OPTIONAL)
OUTPUT DISTRIBUTION
BREAKERS

STACO FC

SUMMARY OF EQUIPMENT
THE STACO E3 FREQUENCY CONVERTER (FC) 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 FC 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 FC SUPPLIES THE CLEAN AND CONSISTENT POWER THAT SENSITIVE ELECTRONIC EQUIPMENT REQUIRES FOR RELIABLE OPERATION. DURING BROWNOUTS, BLACKOUTS AND OTHER POWER INTERRUPTIONS, THE BATTERIES PROVIDE EMERGENCY POWER TO SAFEGUARD OPERATION.

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

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

THE INVERTER HAS ITS OWN INTERNAL CONTROL TO STABILIZE THE OUTPUT FREQUENCY IF THE UTILITY FREQUENCY IS OUT OF LIMITS.

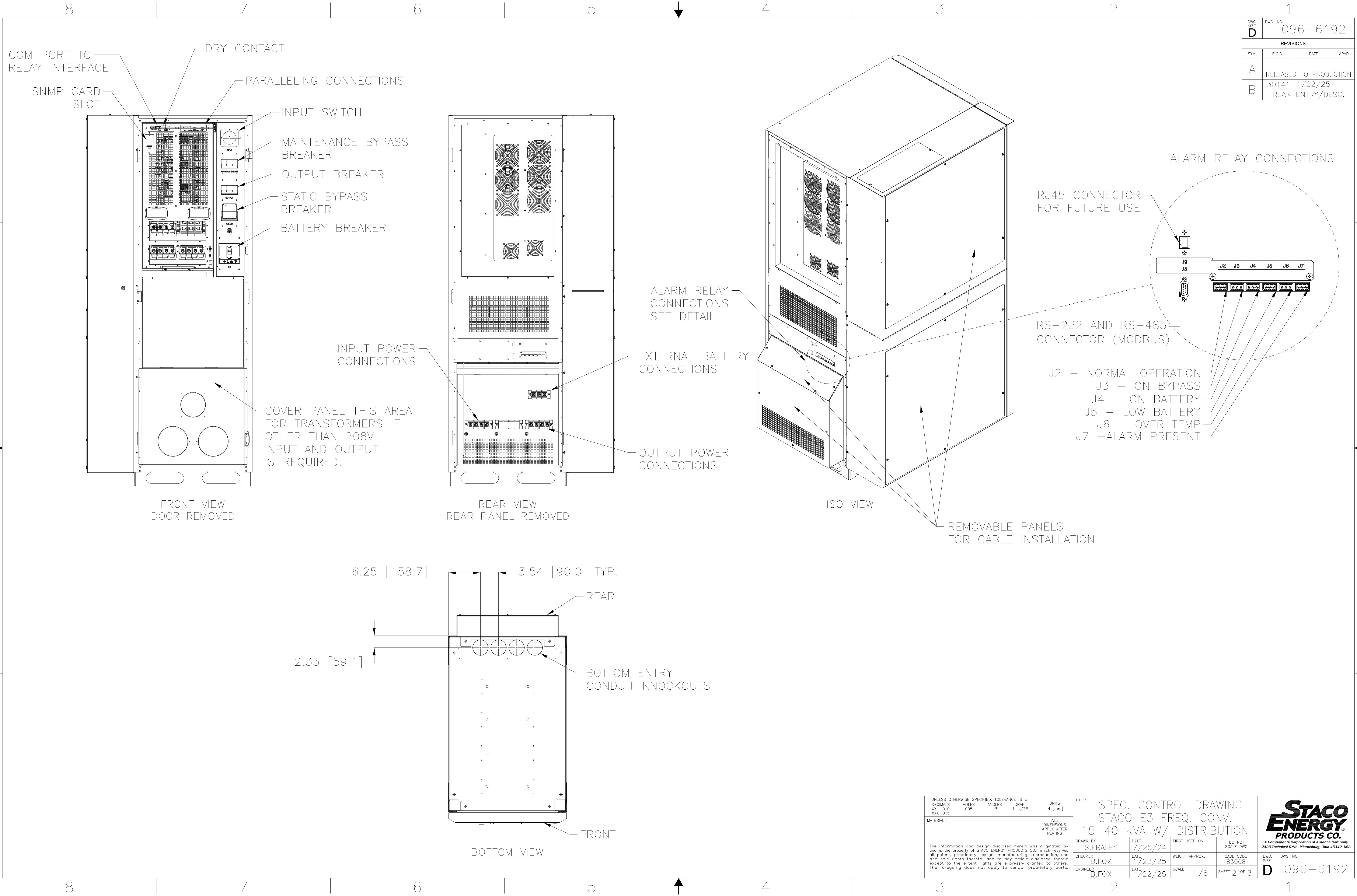
ENVIRONMENTAL
OPERATING TEMPERATURE: 0 C TO 40° C
ALTITUDE: 0-3300 FEET [1000 METERS] (WITHOUT DERATING)
RELATIVE HUMIDITY: 0-95%, NON-CONDENSING

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]

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS HOLES ANGLES DRAFT .XX .010 1° 1-1/2° XXX .005			UNITS IN [mm]		TITLE: SPEC. CONTROL DRAWING STACO E3 FREQ. CONV. 15-40 KVA W/ DISTRIBUTION			
MATERIAL :			ALL DIMENSIONS APPLY AFTER PLATING		DRAWN BY S.FRALEY	DATE 7/25/24	FIRST USED ON	DO NOT SCALE DWG.
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.					CHECKER B.FOX	DATE 1/22/25	WEIGHT APPROX.	CAGE CODE 83008
					ENGINEER B.FOX	DATE 1/22/25	SCALE 1/8	SHEET 1 OF 3
					DWG. SIZE D	DWG. NO. 096-6192		

DWG. SIZE D	DWG. NO. 096-6192		
REVISIONS			
SYM.	E.C.O.	DATE	APVD.
A	RELEASED TO PRODUCTION		
B	30141	1/22/25	REAR ENTRY/DESC.



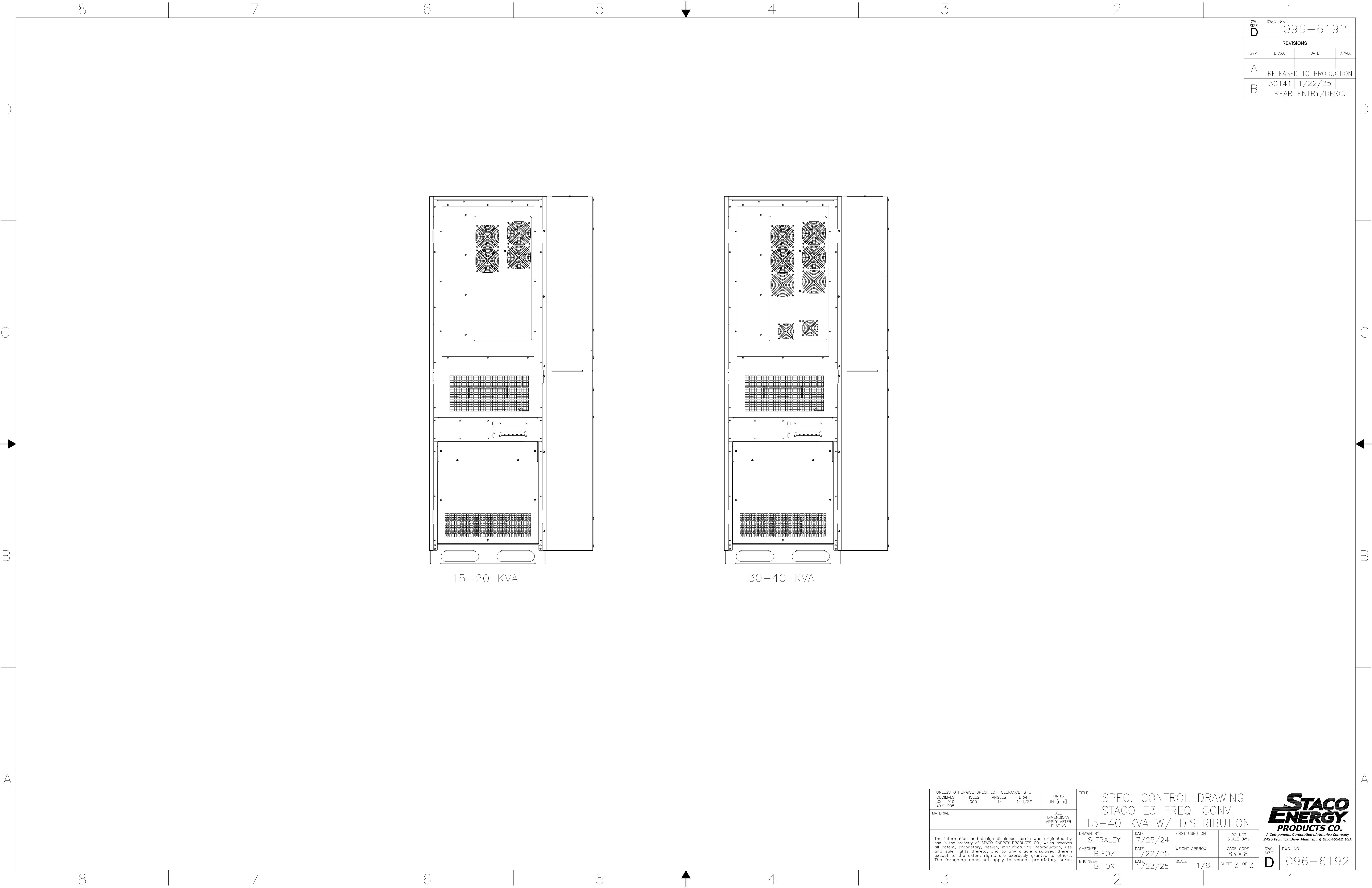


DWG. NO.	096-6192		
REVISIONS			
SYM.	E.C.O.	DATE	APVD.
A	RELEASED TO PRODUCTION		
B	30141 1/22/25 REAR ENTRY/DESC.		

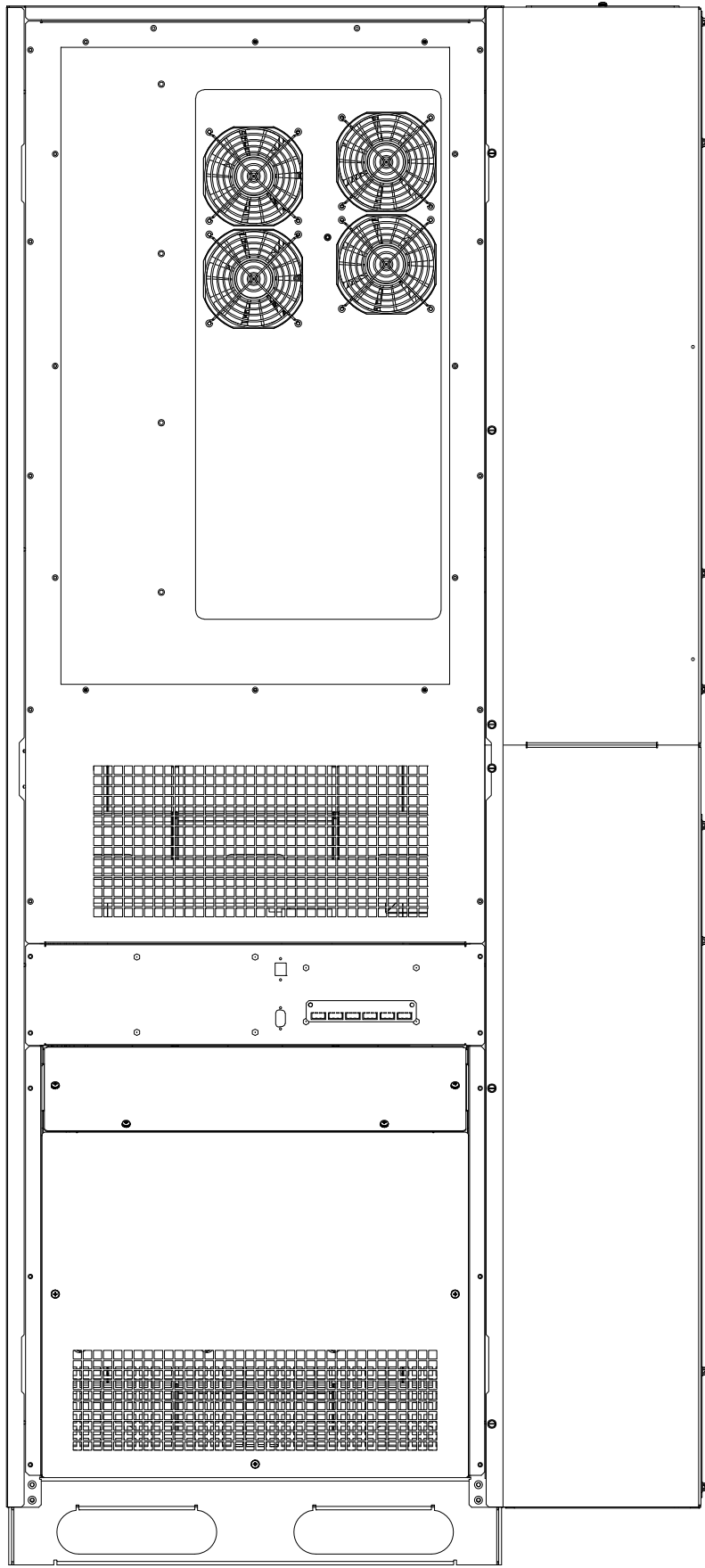
UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS .XX .010 Holes .005 ANGLES 1° DRAFT 1-1/2° MATERIAL : ALL DIMENSIONS APPLY AFTER PLATING				UNITS IN [mm]	TITLE: SPEC. CONTROL DRAWING STACO E3 FREQ. CONV. 15-40 KVA W/ DISTRIBUTION			
DRAWN BY S.FRALEY		DATE 7/25/24	FIRST USED ON		DO NOT SCALE DWG.			
CHECKER B.FOX		DATE 1/22/25	WEIGHT APPROX.		CAGE CODE 83008		DWG. SIZE	DWG. NO.
ENGINEER B.FOX		DATE 1/22/25	SCALE 1/8		SHEET 2 OF 3		D	096-6192
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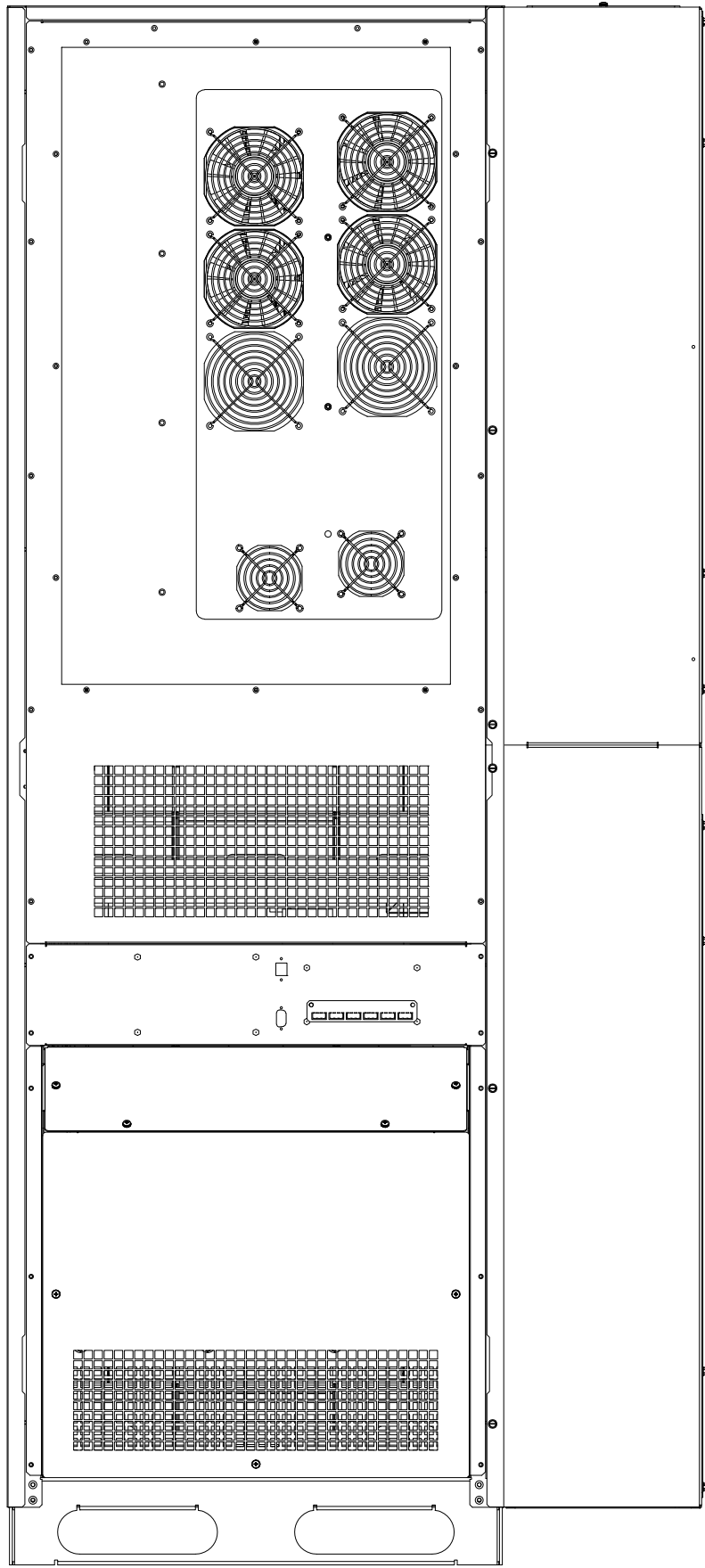
DWG. NO.	096-6192		
SIZE	D		



DWG. SIZE D	DWG. NO. 096-6192		
REVISIONS			
SYM.	E.C.O.	DATE	APVD.
A	RELEASED TO PRODUCTION		
B	30141	1/22/25	
REAR ENTRY/DESC.			



15-20 KVA



30-40 KVA

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±					TITILE:		STACO ENERGY PRODUCTS CO. A Components Corporation of America Company 2425 Technical Drive Miamisburg, Ohio 45342 USA SPEC. CONTROL DRAWING STACO E3 FREQ. CONV. 15-40 KVA W/ DISTRIBUTION				
DECIMALS	HOLES	ANGLES	DRAFT	UNITS							
.XX .010	.005	1°	1-1/2°	IN [mm]							
MATERIAL :					ALL DIMENSIONS APPLY AFTER PLATING						
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DRAWN BY		S.FRALEY		DATE	7/25/24		FIRST USED ON		DO NOT SCALE DWG.		
CHECKER		B.FOX		DATE	1/22/25		WEIGHT APPROX.		CAGE CODE 83008		
ENGINEER		B.FOX		DATE	1/22/25		SCALE 1/8		SHEET 3 OF 3		
									DWG. NO. 096-6192		