




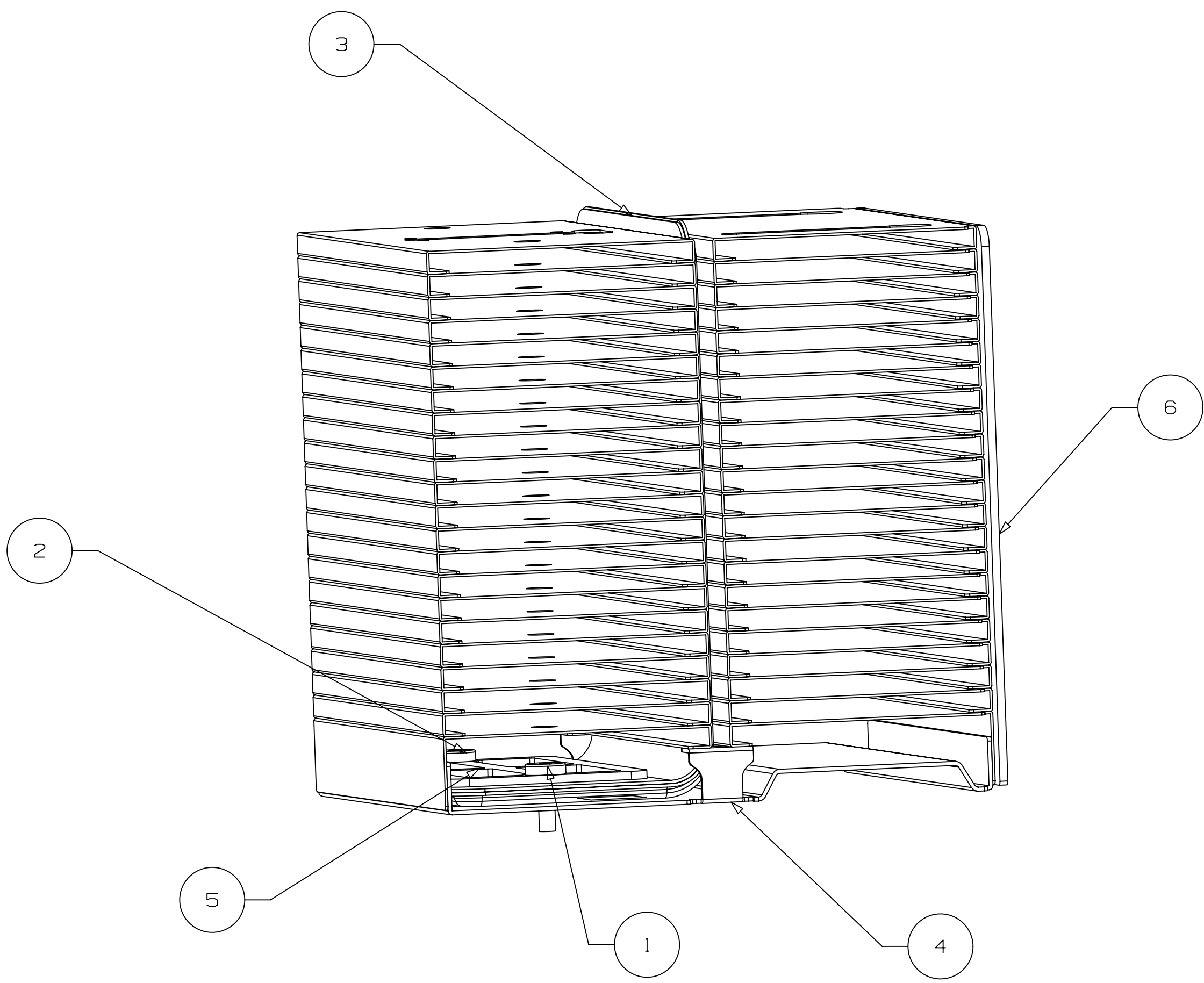
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. THREE DIMENSIONAL CAD GEOMETRY PROVIDED BY APPLE INC. SHALL BE USED FOR CREATION OF THIS PART OR ASSEMBLY. DRAWING SHALL BE USED FOR DIMENSIONAL INSPECTION OR TO IDENTIFY CRITICAL TOLERANCES AND REFERENCE FEATURES.
2. ALL DIMENSIONS AND TOLERANCES APPLY PER ASME Y14.5M, 2009. IT IS EXPECTED THAT THE SUPPLIER UNDERSTAND AND COMPLY WITH ALL TOLERANCES AS DESCRIBED IN THIS STANDARD AND APPLIED TO THIS DRAWING.
3. ALL DIMENSIONS MEASURED IN FREE STATE UNLESS SPECIFIED BY APPLE INC. PD AND APPLE INC. SQE.
4. UNLESS OTHERWISE SPECIFIED, ALL SURFACES TO BE WITHIN A SURFACE PROFILE TOLERANCE OF  0.20 | A | B | C |.
5. TOLERANCES DESIGNATED WITH THE SYMBOL  SHALL BE MONITORED WITH STATISTICAL PROCESS CONTROLS. THE PROCESS CONTROL DATA (CP, CPK, ETC.) OF THE PART MUST BE VALIDATED AND APPROVED BY APPLE INC. SQE.
6. DIMENSIONS DESIGNATED WITH THE  SYMBOL SHALL BE FIRST ARTICLE INSPECTION DIMENSIONS. THREE SAMPLE PARTS MUST BE FULLY INSPECTED. FAI REPORT MUST BE VALIDATED AND APPROVED BY APPLE INC. SQE.
7. ALL TOOLING, FIXTURING AND OTHER UNIQUE ITEMS THAT ARE USED TO CREATE OR INSPECT THIS PART ARE THE PROPERTY OF APPLE INC. AND SHALL BE PERMANENTLY MARKED WITH APPLE INC. NAME AND APPROPRIATE APPLE INC. PART NUMBER.
8. THE DESIGN OF ALL TOOLING OR FIXTURING SHALL BE APPROVED BY THE APPROPRIATE APPLE INC. ENGINEER PRIOR TO TOOL OR FIXTURE FABRICATION.
9. ALL HOMOGENEOUS MATERIALS MUST COMPLY WITH THE FOLLOWING ENVIRONMENTAL SPECIFICATIONS:
- APPLE INC. REGULATED SUBSTANCES SPECIFICATIONS, 069-0135
10. ALL DIMENSIONS APPLY AFTER FINISHING.
11. PART TO BE FREE FROM CONTAMINANTS, LUBRICANTS, AND METAL FLAKES AS SPECIFIED BY APPLE INC. SBE OR SQE.


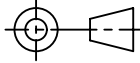

PART SPECIFIC NOTES:

12. PARTS TO BE JOINED USING XX (ADHESIVE TYPE) PER SBE-APPROVED PROCESS.
13. NO ADHESIVE OVERFLOWS ALLOWED.
14. CLEAN ALL PARTS WITH APPLE INC. SBE/SQE-APPROVED CLEANING AGENTS PRIOR TO BONDING.
15. (ITEM XX) TO WITHSTAND MINIMUM X KGF APPLIED IN DIRECTION SHOWN WITHOUT BOND FAILURE AFTER HEATSOAK PER APPLE INC. SPEC 080-1654.
16. RESISTANCE BETWEEN ANY TWO POINTS FREE OF COATINGS MUST BE LESS THAN 20 MILLI-OHMS. THE READING MUST BE TAKEN BY A 4-WIRE RESISTANCE MEASUREMENT, USING A METER WITH 1 MILLI-OHM PRECISION AND ROUNDED TIP PROBES.
17. LASER ETCHING 2D BARCODE LOCATION.
18. FINISH: BLACK, HALOGEN-FREE ELECTROPHORETIC DEPOSITION
FINISH MATERIAL: PPG POWERCRON 6000CX BLACK - P691B-512

ITEM	PART NUMBER	REV	OFFICIAL PART DESCRIPTION	QTY
1	452-03498		SCREW, LOCKING, TM, CPU, X1311	1
2	452-03499		SCR, LOCK, LONG, TM, CPU, X1311	1
3	730-00132		VC, CPU, X1311	1
4	806-16244		SUPPORT PLATE, TM, CPU, X1311	1
5	806-16245		STIFFENER, VC, CPU, X1311	1
6	806-16803		SIDE PLATE, TM, CPU, X1311	1



REV	ECO#	DESCRIPTION OF REVISION
12	0011930392	INITIAL RELEASE FOR TOOLING. MINER_YANG 04/11/18
13	0011844772	2D UPDATE BASED ON FINS/SUPPORT PLATE/SIDE PLATE SHIFT 0.5 MINER_YANG 04/13/18

<div>METRIC</div>		<div>  Apple Inc. </div>	
DRAFTER RODRIGO DUTERVIL	DATE 10/05/17	NOTICE OF PROPRIETARY PROPERTY: THE INFORMATION CONTAINED HEREIN IS THE PROPRIETARY PROPERTY OF APPLE INC. THE POSSESSOR AGREES TO THE FOLLOWING: (i) TO MAINTAIN THIS DOCUMENT IN CONFIDENCE (ii) NOT TO REPRODUCE OR COPY IT (iii) NOT TO REVEAL OR PUBLISH IT IN WHOLE OR PART (iv) ALL RIGHTS RESERVED	
DESIGNER RODRIGO DUTERVIL	DATE 10/05/17	TITLE ASSY , THERMAL , CPU , L , X1311	
DIMENSIONS ARE IN MILLIMETERS TOLERANCES X.X ±0.2 X.XX ±0.10 X.XXX ±0.050 ANGLES ±0.5° DO NOT SCALE DRAWINGS		DRAWING NUMBER 604 - 19253	REV. 13
<div>  THIRD ANGLE PROJECTION </div>		SIZE 	SCALE <div>NONE</div>
		SHT 1 OF 4	

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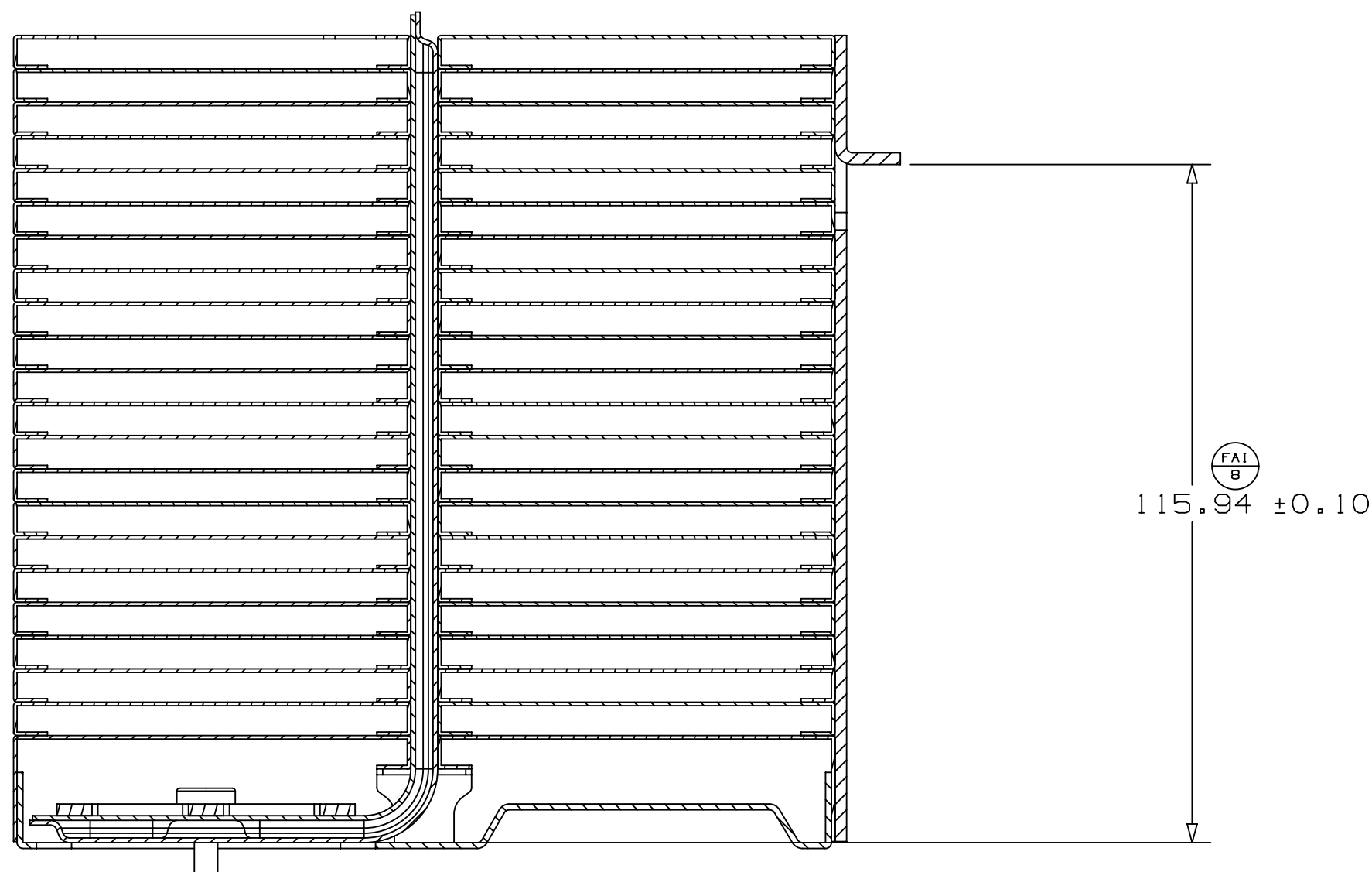
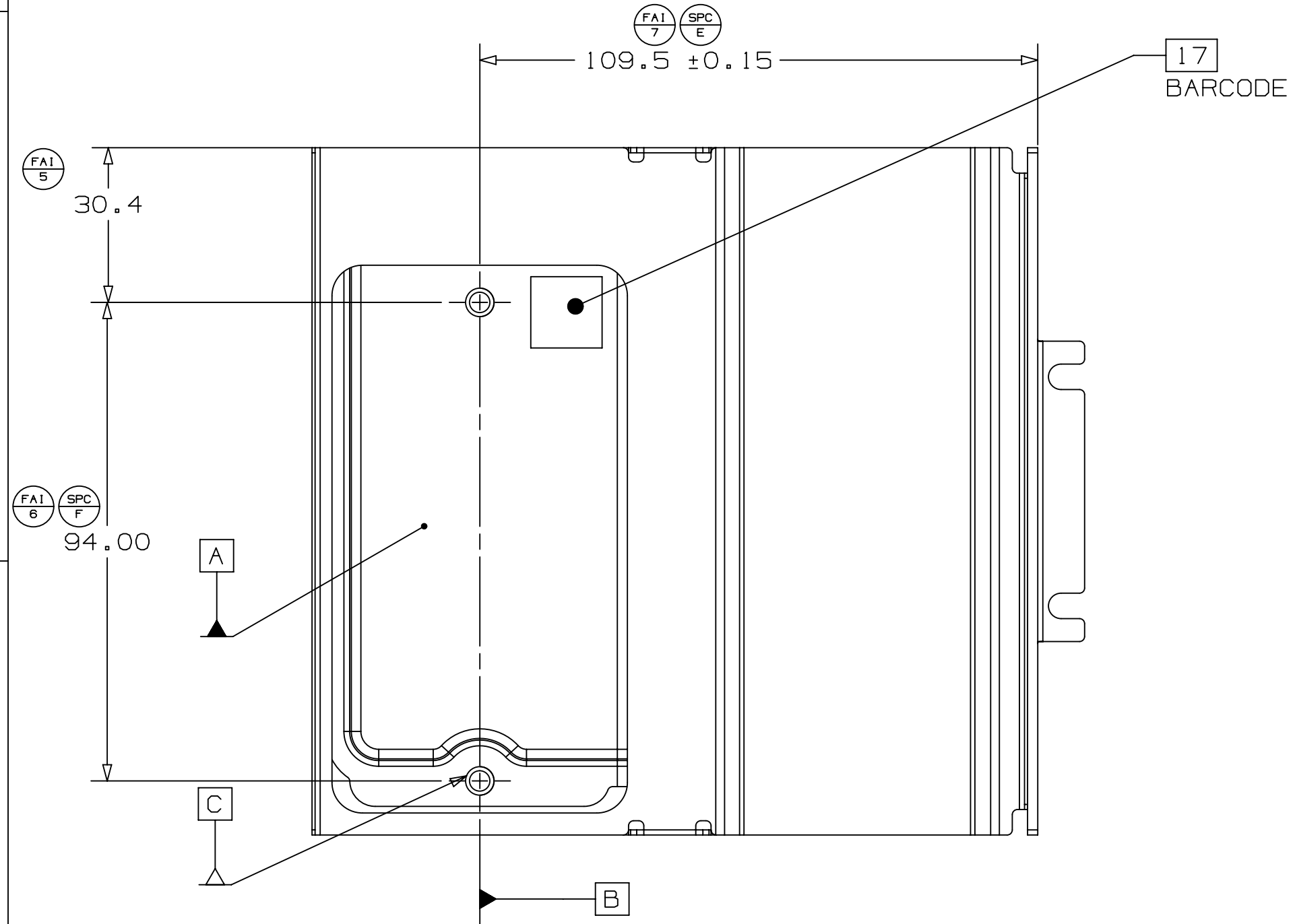
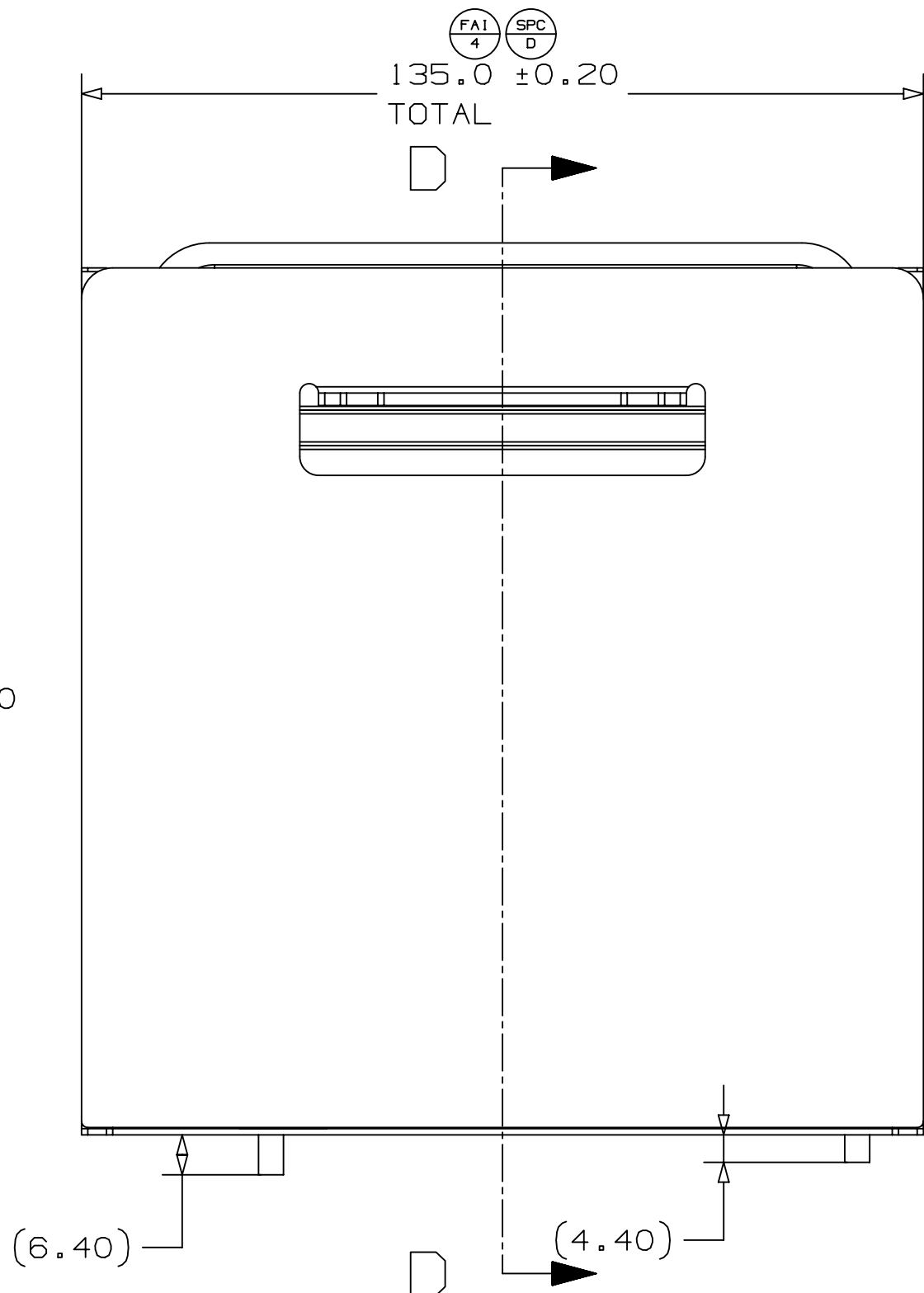
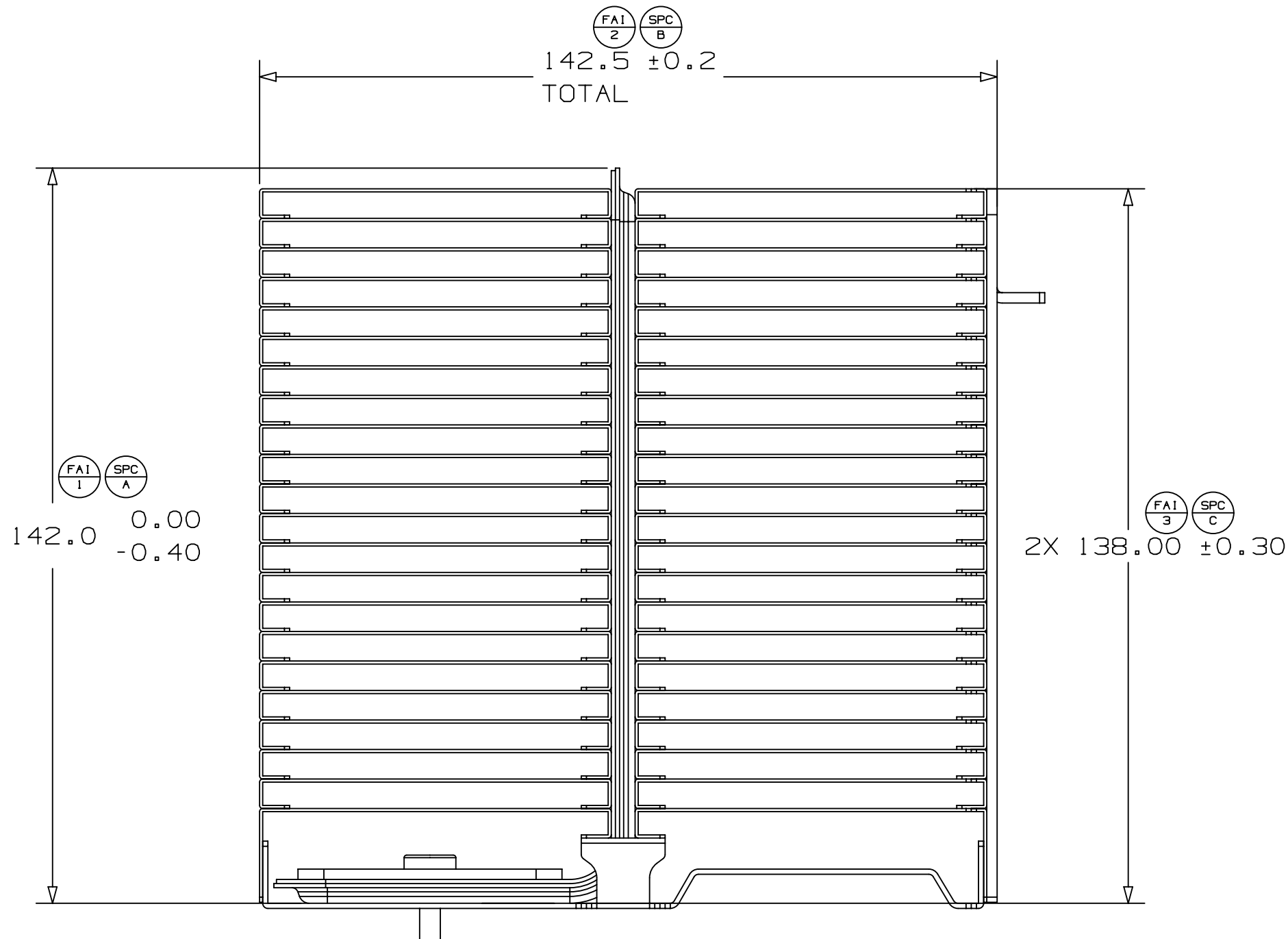
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SECTION D - D

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SIZE	DRAWING NUMBER	REV.		
C	604-19253	13		
SCALE:	NONE	SHT	2	OF 4

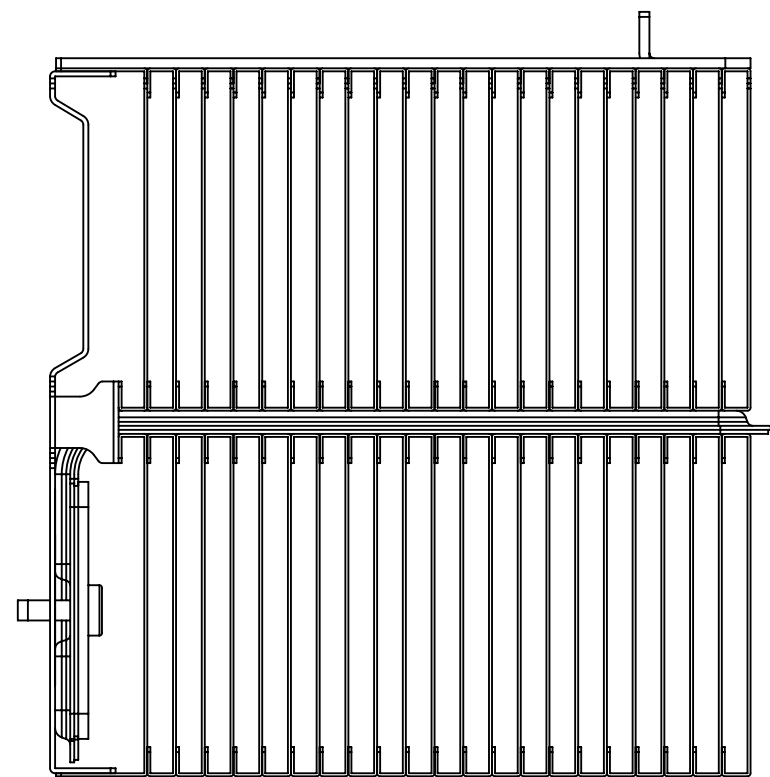
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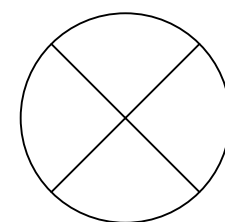
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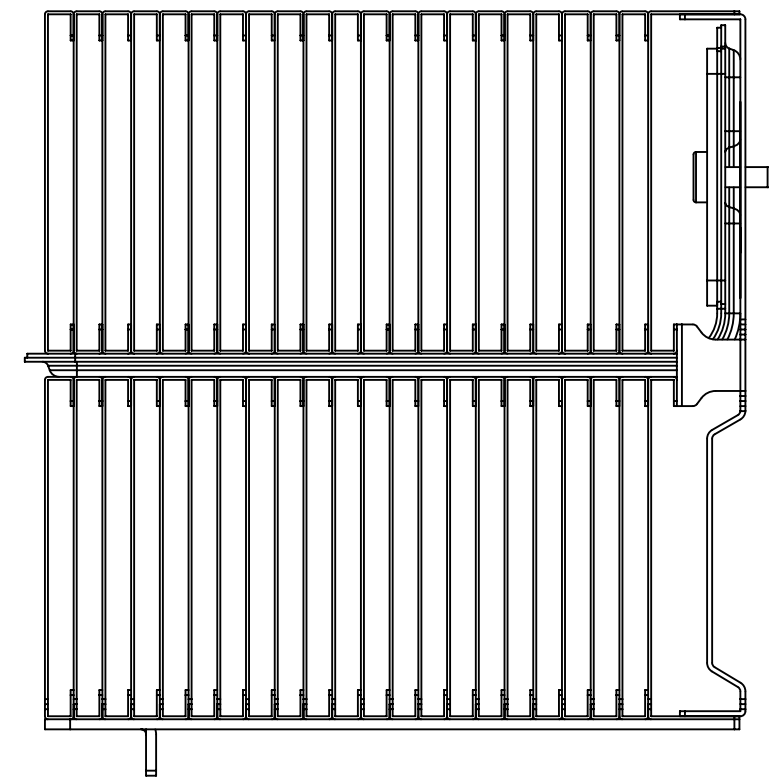
ORIENTATION



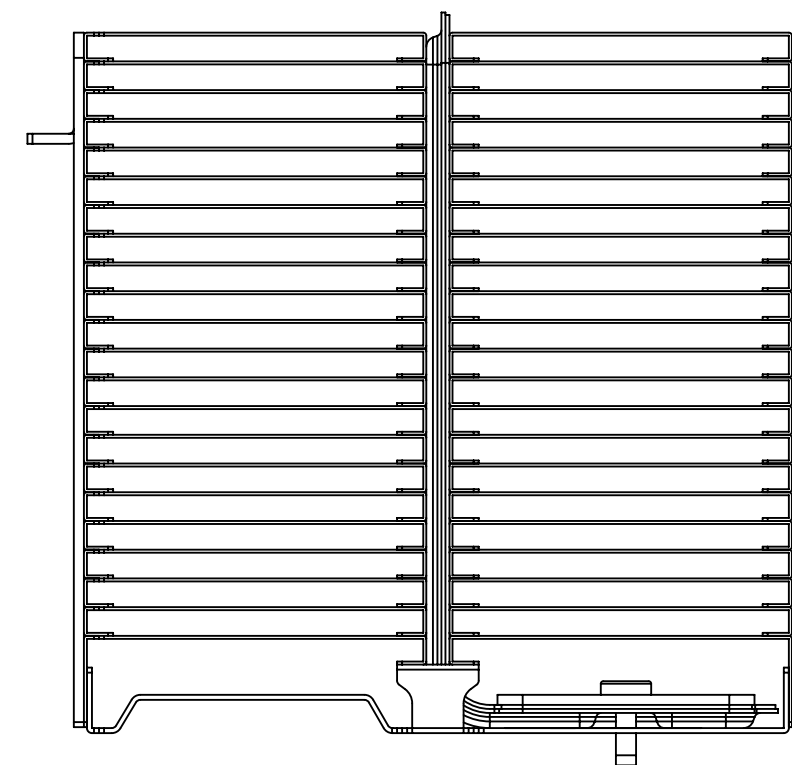
0 DEGREE



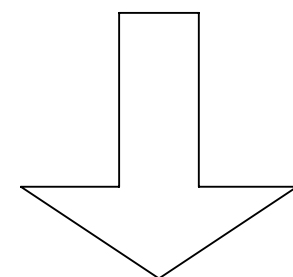
AIR FLOW



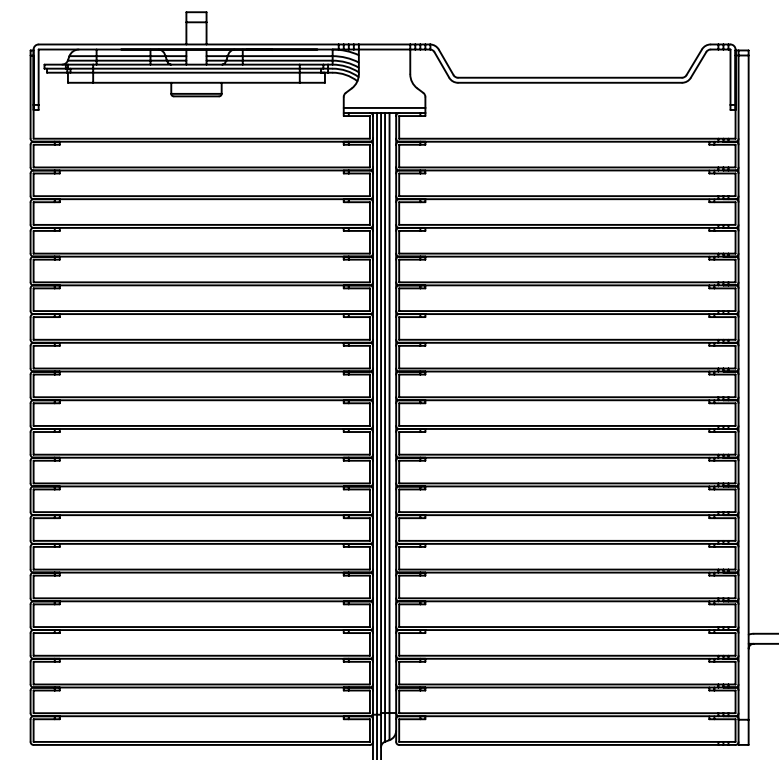
180 DEGREE



+90 DEGREE



GRAVITY



-90 DEGREE

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SIZE C	DRAWING NUMBER 604 - 19253	REV. 13		
SCALE: NONE		SHT 3 OF 4		

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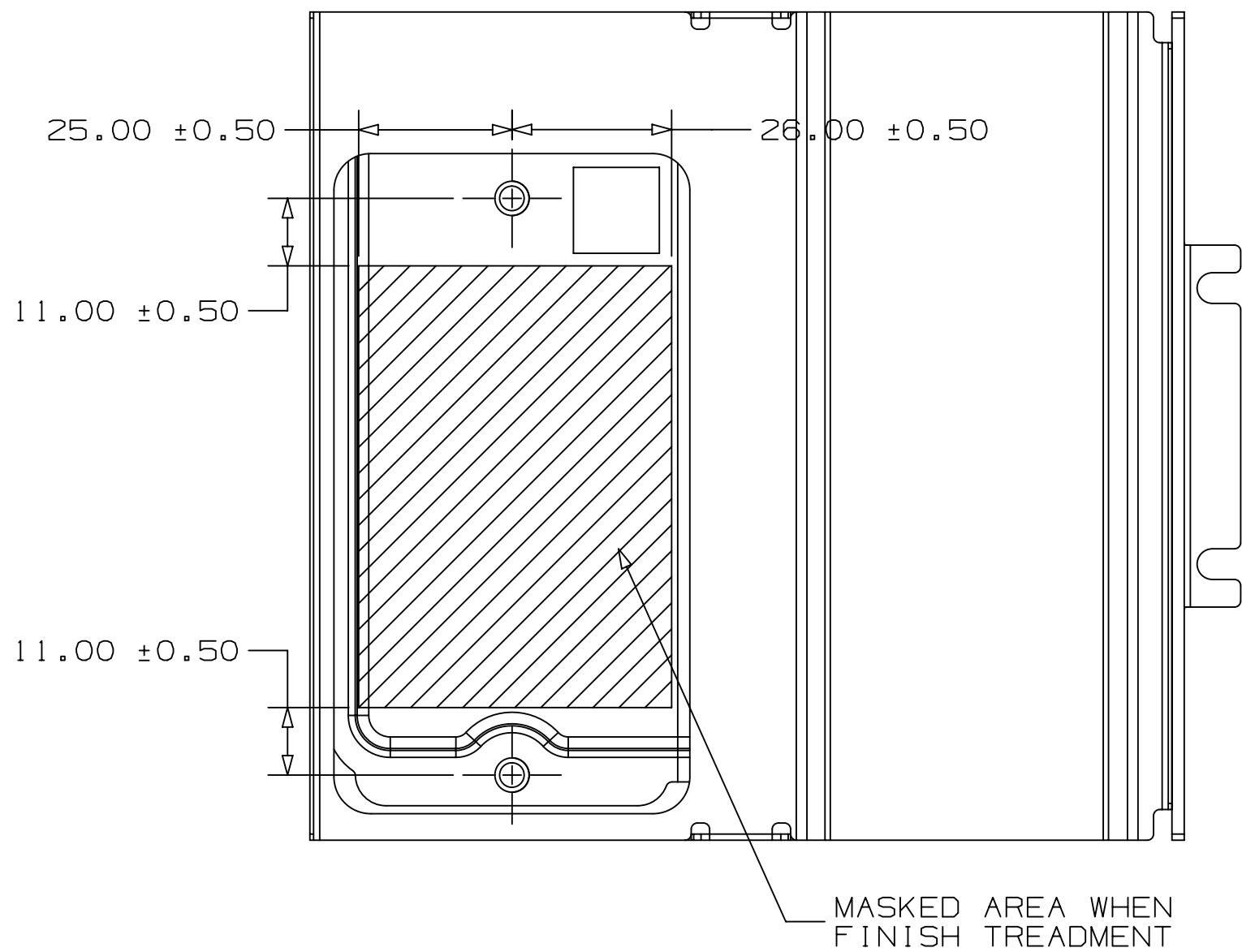
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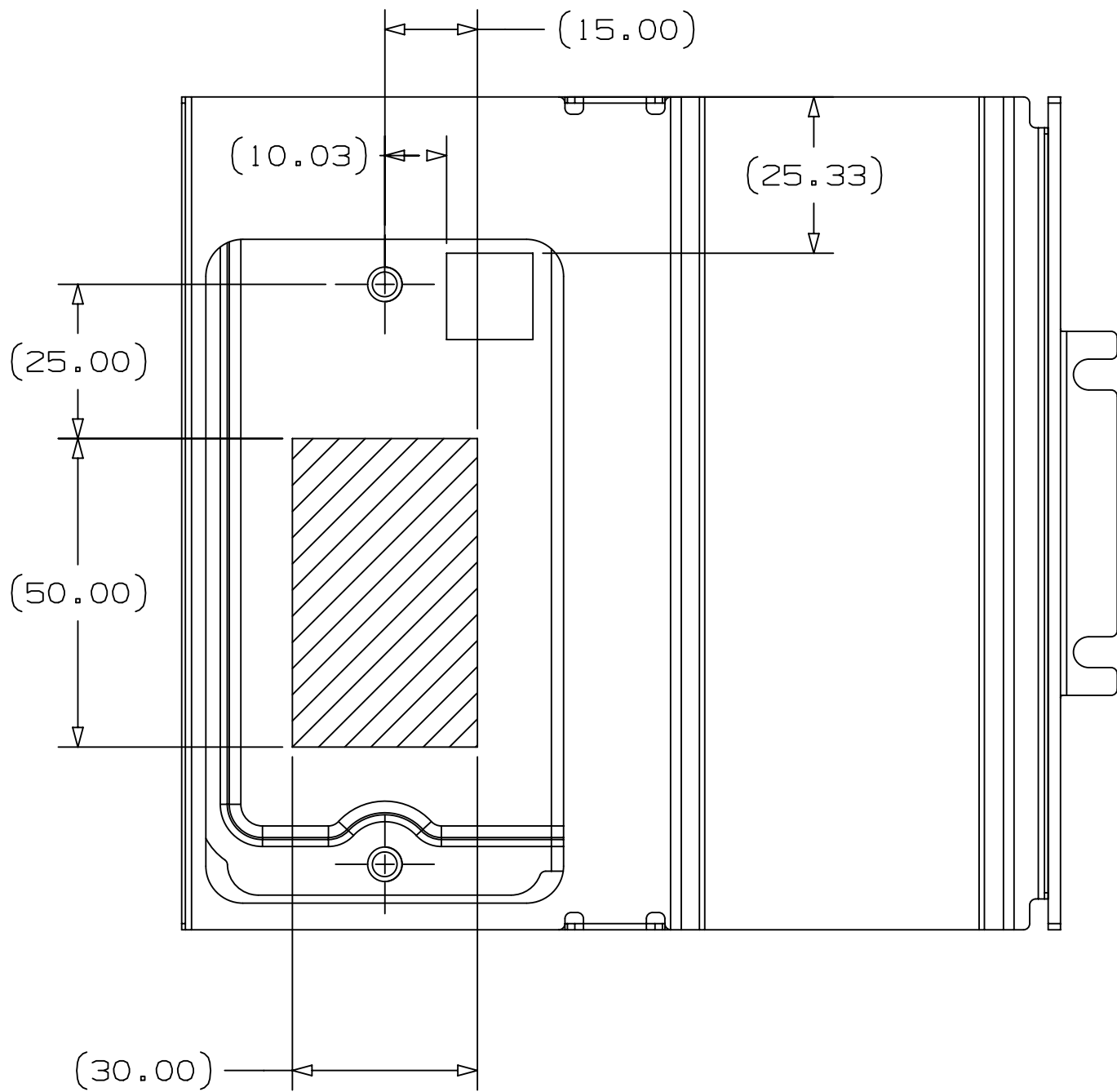
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MASKED AREA



PRIMARY HEAT SOURCE AREA

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SIZE C	DRAWING NUMBER 604 - 19253	REV. 13		
SCALE: NONE	SHT 4	OF 4		

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