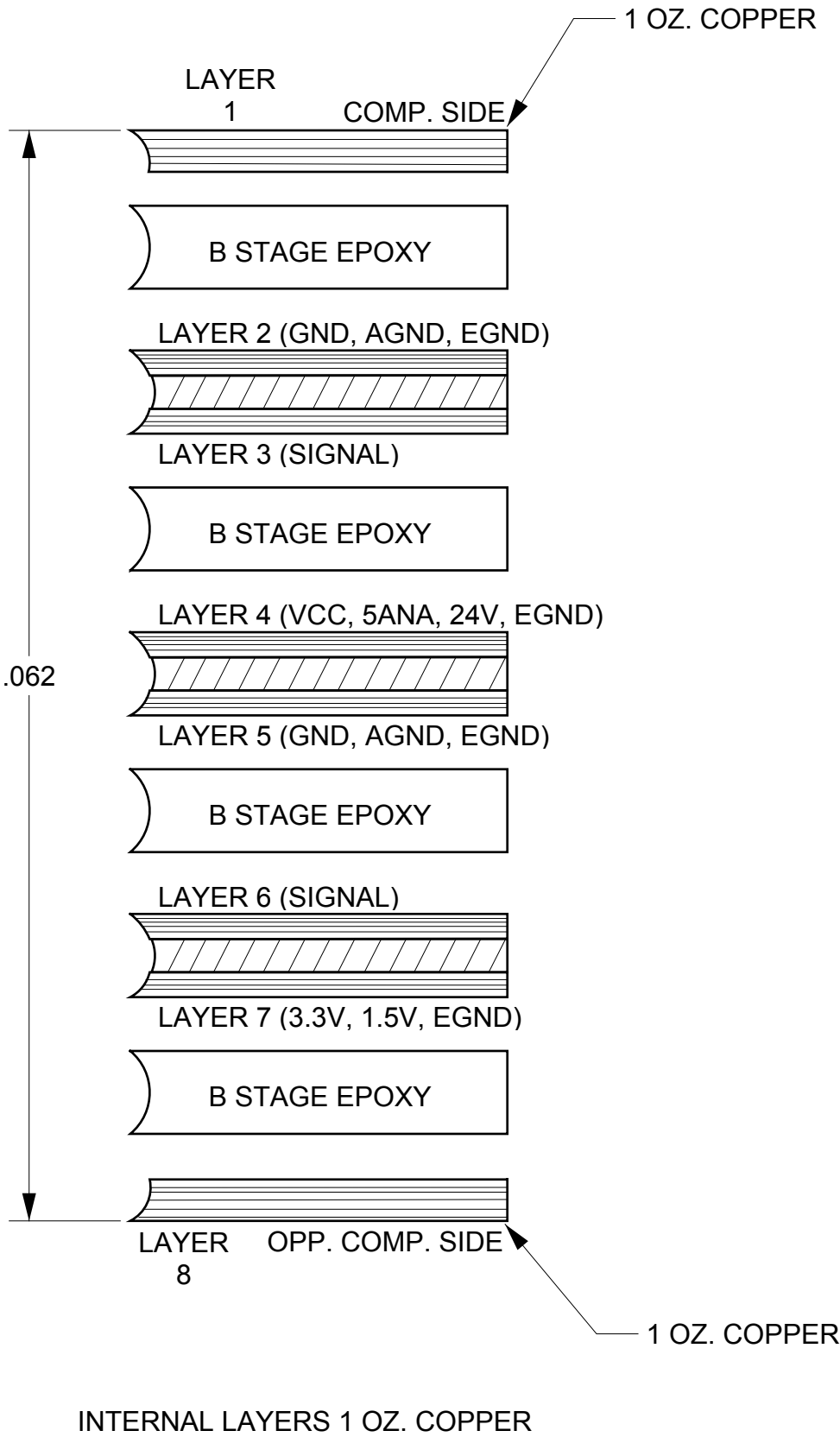
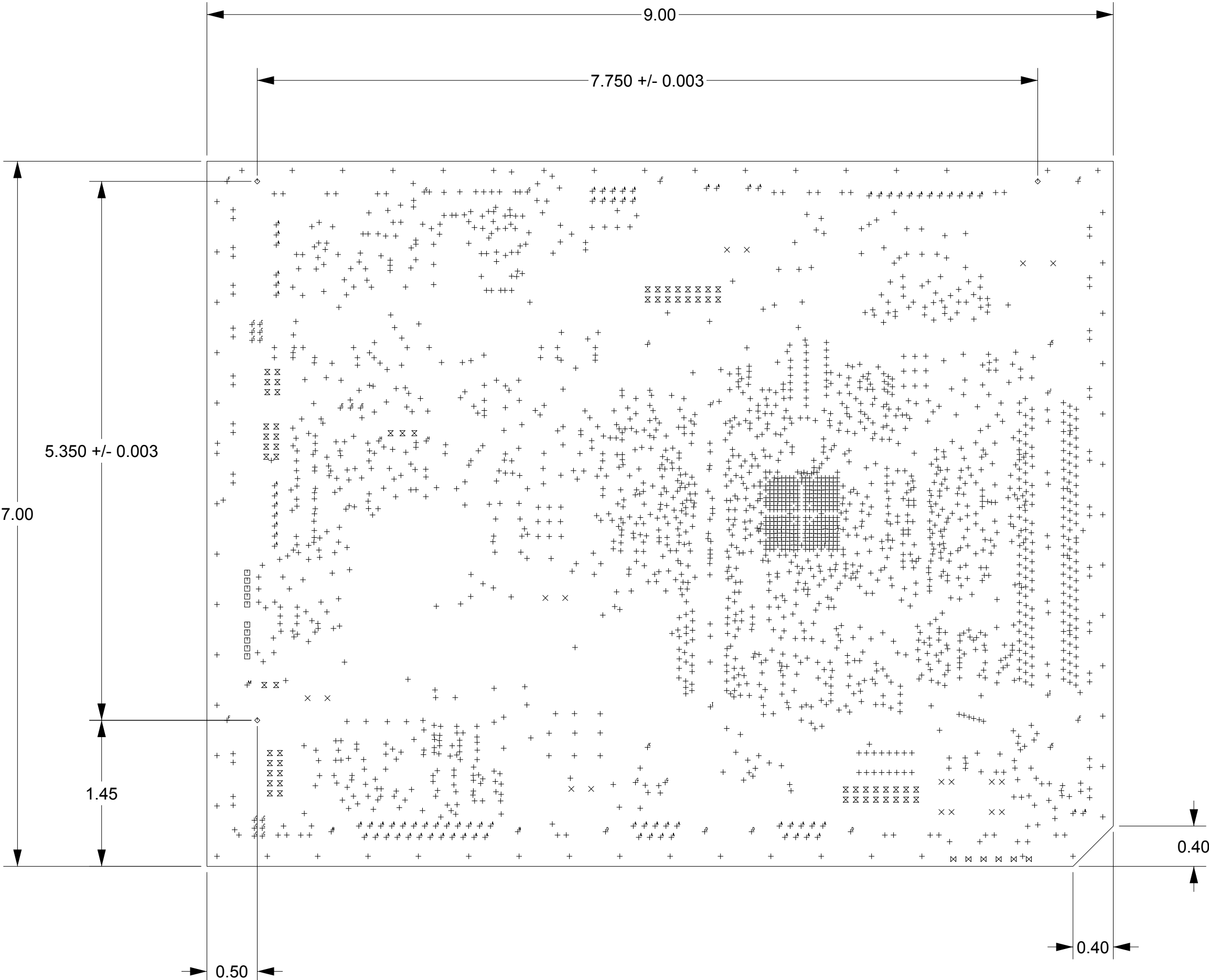


FINISHED HOLE SIZE TABLE

DRILL SYMBOL	DRILL SIZE	COUNT	PLATED	Min/Max
+	0.010	2366	Yes	+0/-0.010
⌘	0.030	3	Yes	+/-0.003
□	0.032	10	Yes	+/-0.003
⌘	0.035	12	Yes	+/-0.003
×	0.038	18	Yes	+/-0.003
⊠	0.040	61	Yes	+/-0.003
⌘	0.042	84	Yes	+/-0.003
⊠	0.047	6	Yes	+/-0.003
⌘	0.120	2	Yes	+/-0.003
⌘	0.125	4	Yes	+/-0.004
⌘	0.141	5	Yes	+/-0.004
⌘	0.213	1	Yes	+/-0.004
⌘	0.032	2	No	+/-0.003
⌘	0.039	4	No	+/-0.003
⌘	0.048	2	No	+/-0.003
⌘	0.050	2	No	+/-0.003
⌘	0.118	1	No	+/-0.003
◇	0.125	3	No	+0.002/-0
⌘	0.157	3	No	+/-0.004
Total		2589		



NOTES :

- 1.0 RoHS: PCB MUST COMPLY WITH WATERS RoHS REQUIREMENTS DOCUMENT 735001207.
- 2.0 MATERIAL:
 - 2.1 MATERIAL TO BE IN ACCORDANCE WITH IPC-4101/99 OR BETTER.
 - 2.2 MATERIAL SHALL HAVE A DECOMPOSITION TEMPERATURE OF >=325 DEGREES C WITH CTE <=3.5% FROM AMBIENT TO 288 C AND SURVIVE 6 ASSEMBLY REFLOW EXCURSIONS.
 - 2.3 MANUFACTURER MAY ADD THIEVING TO EXTERNAL LAYERS TO IMPROVE COPPER DISTRIBUTION FOR PLATING. THIEVING MUST BE A MINIMUM OF .150 FROM ANY DESIGN FEATURE AND NO THIEVING IS ALLOWED UNDER ANY SURFACE MOUNT COMPONENTS.
- 3.0 SURFACE FINISH:
 - 3.1 ELECTROLESS NICKEL IMMERSION GOLD (ENIG) 3 - 8 MICRO INCHES OF GOLD OVER 100 - 200 MICRO INCHES OF NICKEL.
- 4.0 SOLDERMASK:
 - 4.1 ALL VIAS TO BE CAPPED FROM THE PRIMARY SIDE WITH SOLDERMASK OR EQUIVALENT PRODUCT PRIOR TO FINAL SOLDERMASK APPLICATION AS PER IPC-4761 TYPE IV VIA.
 - 4.2 SOLDERMASK OVER BARE COPPER (SMOBC).
- 5.0 PRINTED CIRCUIT BOARD FABRICATION NOTES AND REGULATORY REQUIREMENTS TO COMPLY WITH WATERS DOCUMENT NUMBER 735001870.
- 6.0 USE ARTWORK PHOTO 610000367 REV D FOR BOARD FABRICATION.

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UNLESS OTHERWISE SPECIFIED All dimensions are in inches. Remove all burrs and break sharp edges. Tolerances: Decimals XX = ± .01 .XXX = ± .005 Angles = ± 0°30' SURFACE ROUGHNESS 63√ DO NOT SCALE PRINT	DESIGN G. Tancrell	DATE 08-MAY-2013	Waters 34 Maple St. Milford MA 01757 USA		
	DRAWN D. Lavery	DATE 08-MAY-2013			
	CHECKED	DATE	PCB CPSM CONTROL		
	ENGR	DATE			
	ENGR	DATE	SIZE D	DWG NO 510000367	REV D
	APPROVED	DATE	SCALE 1 : 1	MENTOR EXPEDITION	SHEET 1 OF 1