


NOTES (Unless otherwise specified)

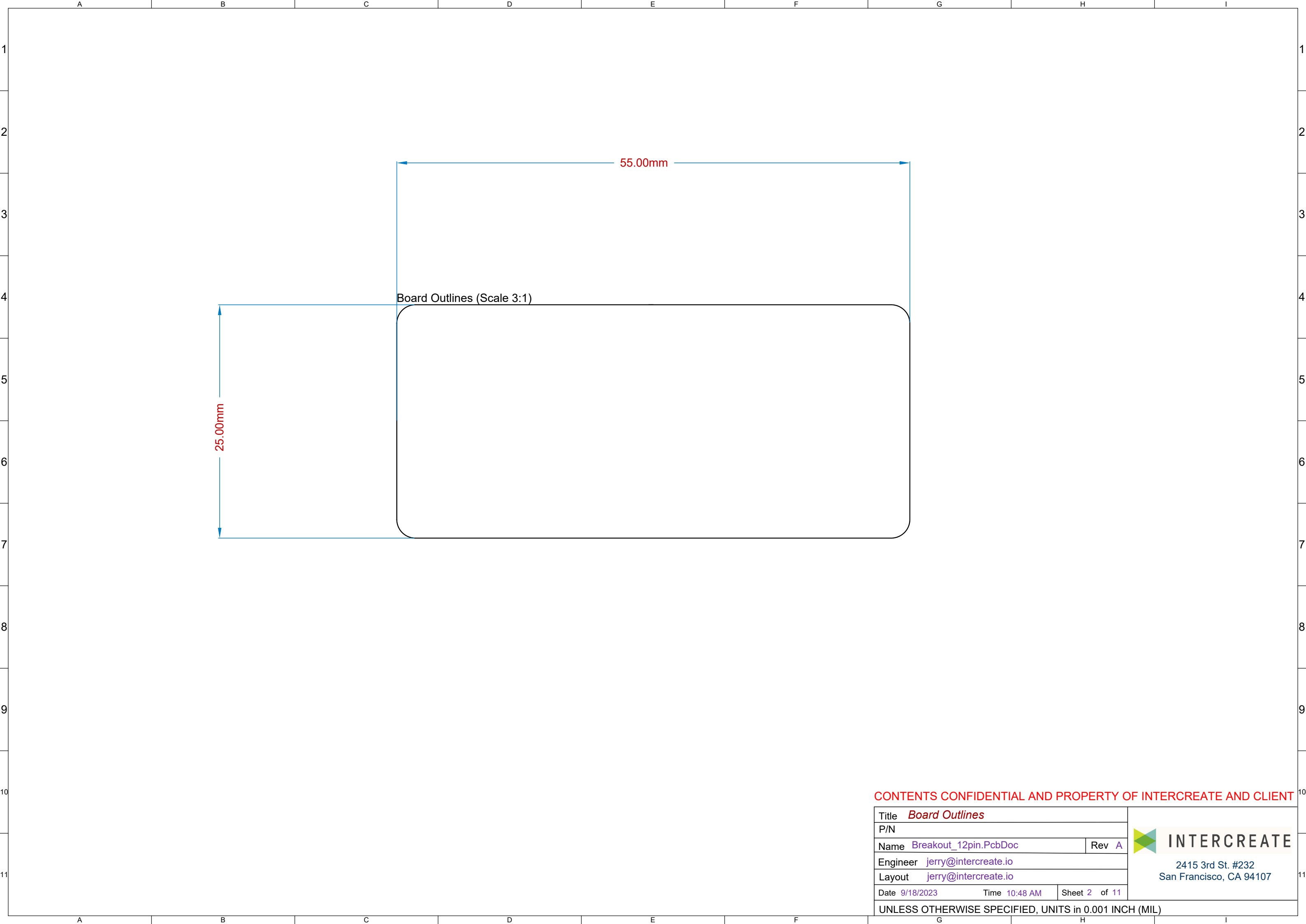
PCB MATERIAL	FR4 or similar
SOLDER	ENIG per IPC-4552
WASHABLE	YES
COPPER WEIGHT FOR OUTER LAYERS	1oz
PCB PLATING	ENIG per IPC-4552
VIA SIZE	See Drill Table
VIA IN PAD	NO
VIA FILL	NO
VIA TENTING	BOTH SIDES
SOLDER MASK COLOR	GRAY
SILK SCREEN COLOR	WHITE
ACCEPTANCE	IPC-A-600 Class II
PCB FINISH	IPC-4552

Layer Stack Legend


Material	Layer	Thickness	Dielectric Material	Type	Gerber	Dk
	Top Overlay			Legend	GTO	
Surface Material	Top Solder	0.010mm	Solder Resist	Solder Mask	GTS	3.5
Copper	Top Layer	0.036mm		Signal	GTL	
		1.500mm	FR-4	Dielectric		4.8
Copper	Bottom Layer	0.036mm		Signal	GBL	
Surface Material	Bottom Solder	0.010mm	Solder Resist	Solder Mask	GBS	3.5
	Bottom Overlay			Legend	GBO	
Total thickness: 1.591mm						

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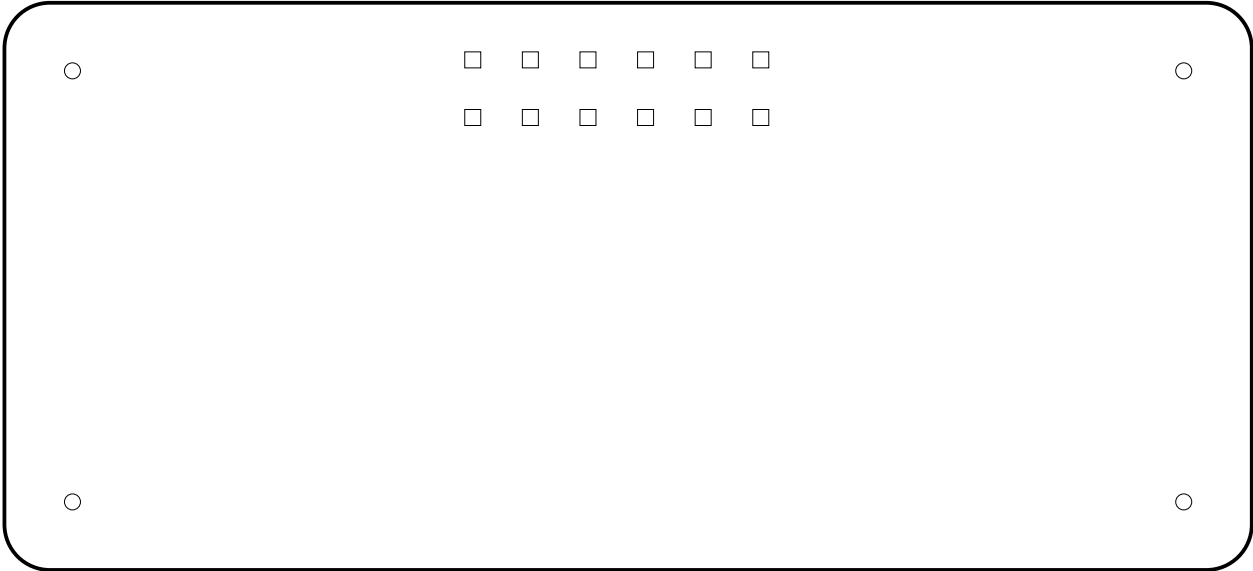
Title FABRICATION DRAWING			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107	
P/N				
Name Breakout_12pin.PcbDoc	Rev A			
Engineer jerry@intercreate.io				
Layout jerry@intercreate.io				
Date 9/18/2023	Time 10:48 AM	Sheet 1 of 11		
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)				



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Title <i>Board Outlines</i>			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107
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Drill Drawing View (Scale 3:1)




Drill Table

Symbol	Count	Hole Size	Plated
□	12	43.307mil	Plated
○	4	98.425mil	Plated
	16 Total		

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Title <i>DRILL DRAWING</i>		
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Name Breakout_12pin.PcbDoc	Rev	A
Engineer jerry@intercreate.io		
Layout jerry@intercreate.io		
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INTERCREATE
2415 3rd St. #232
San Francisco, CA 94107

Top Overlay (Scale 3:1)

24681012


1357911

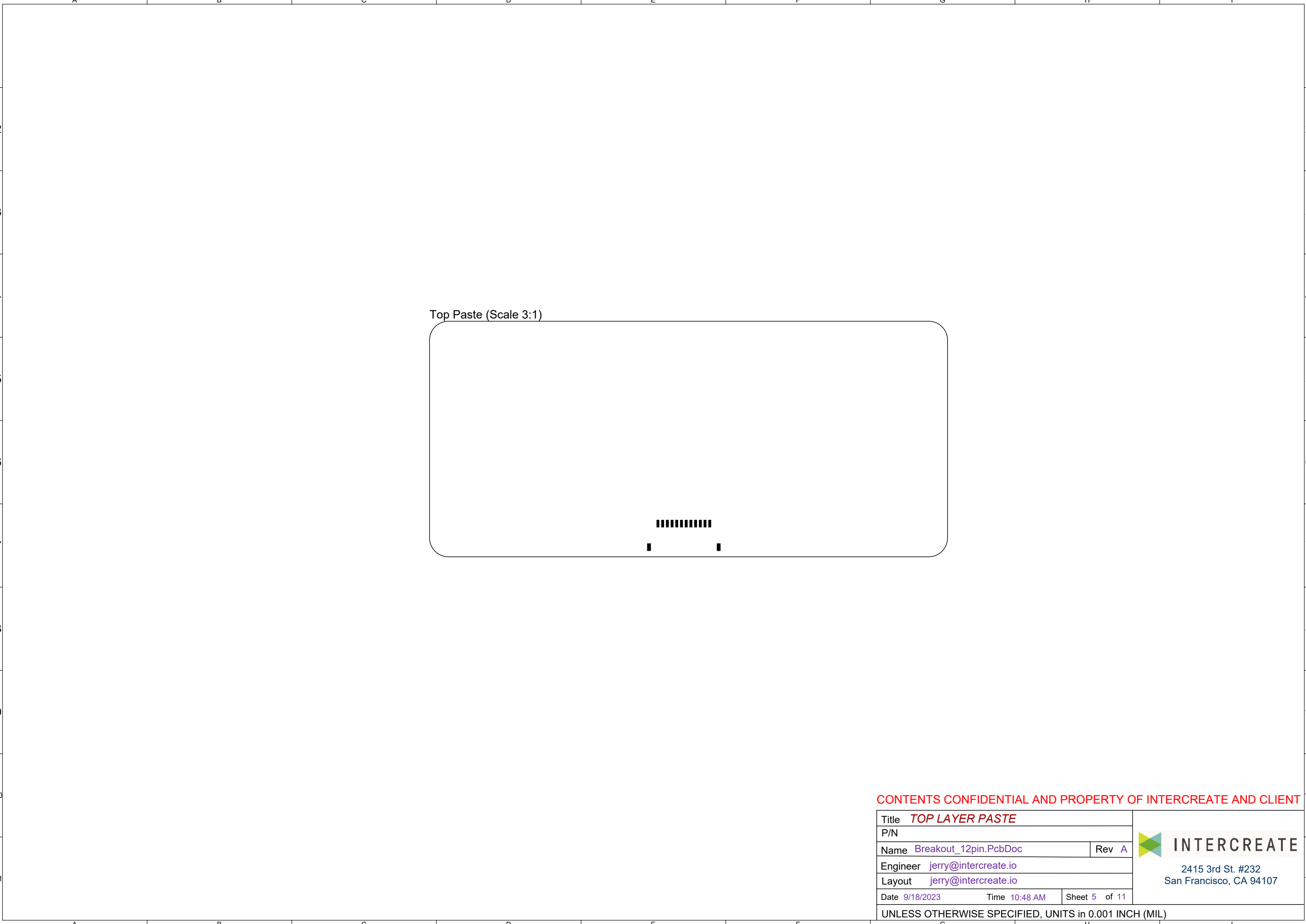
INTERCREATE

112


12 pin
0.5mm - TOP
1.0mm - BOT

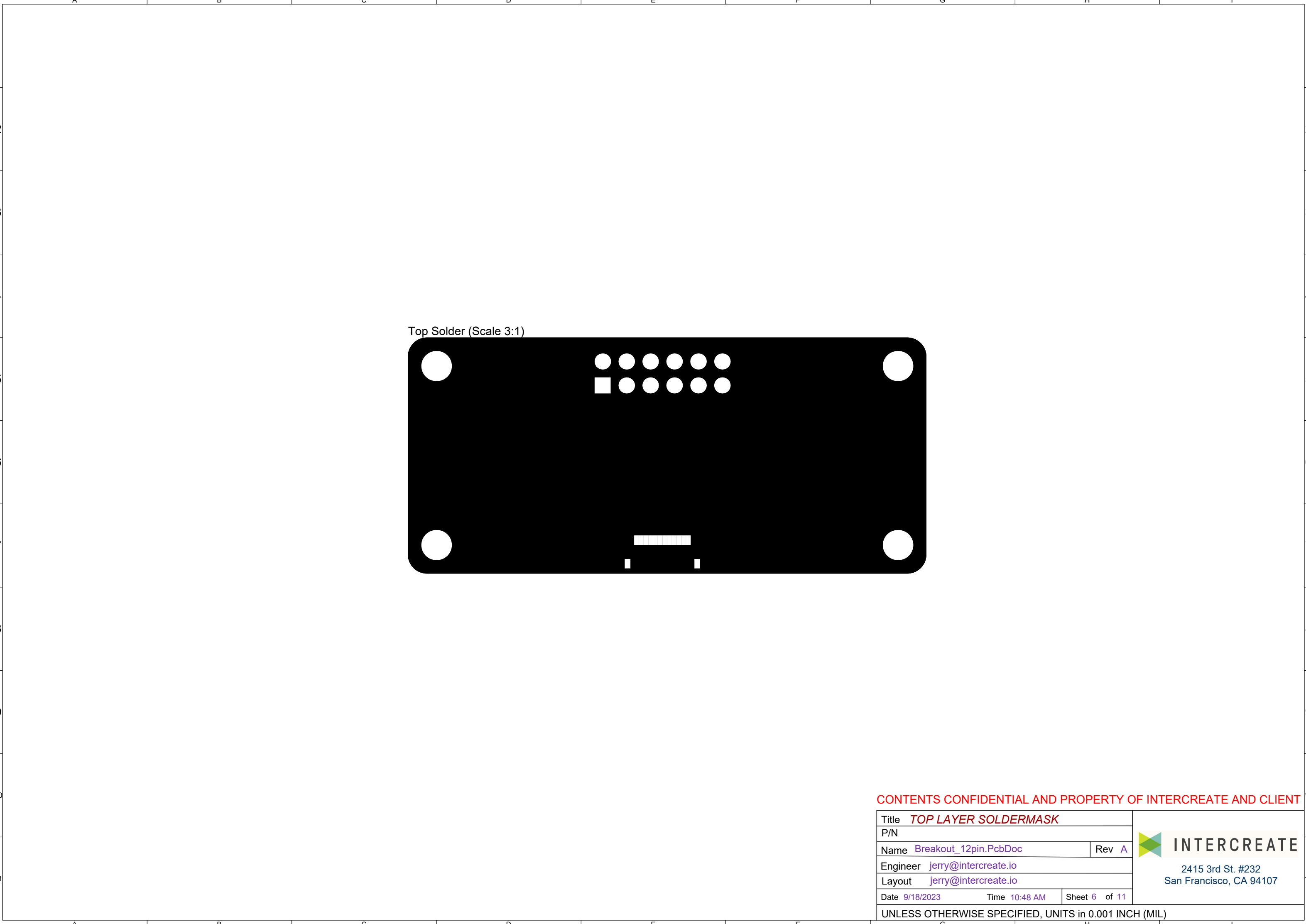
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Title <i>TOP LAYER SILKSCREEN</i>			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name <i>Breakout_12pin.PcbDoc</i>	Rev <i>A</i>		
Engineer <i>jerry@intercreate.io</i>			
Layout <i>jerry@intercreate.io</i>			
Date <i>9/18/2023</i>	Time <i>10:48 AM</i>	Sheet <i>4</i> of <i>11</i>	
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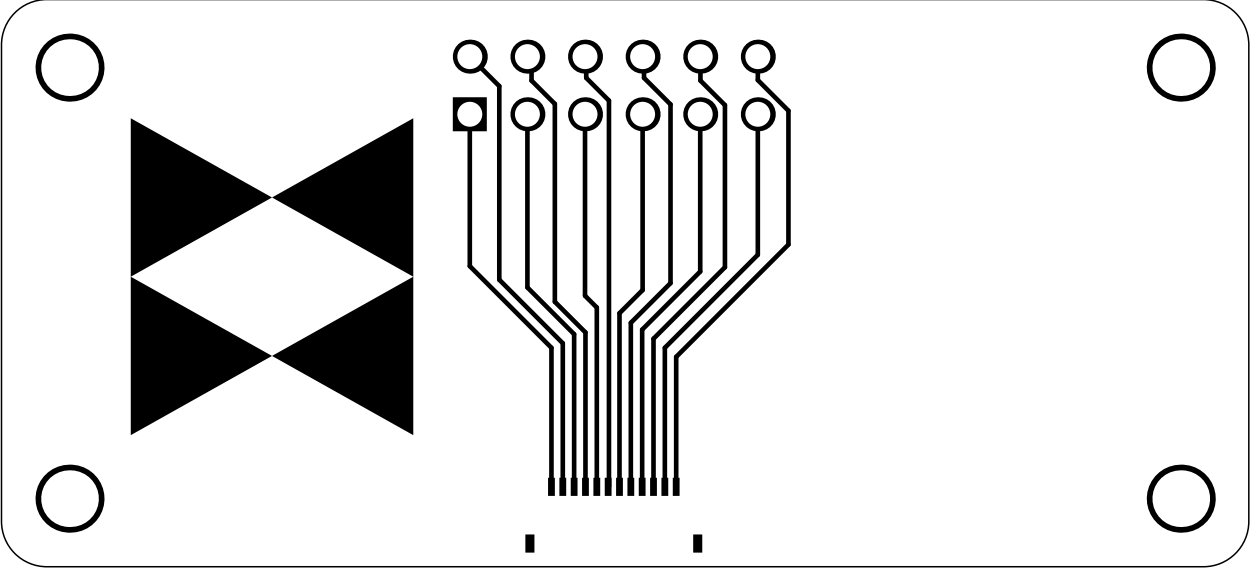
Title <i>TOP LAYER PASTE</i>			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name <i>Breakout_12pin.PcbDoc</i>	Rev <i>A</i>		
Engineer <i>jerry@intercreate.io</i>			
Layout <i>jerry@intercreate.io</i>			
Date <i>9/18/2023</i>	Time <i>10:48 AM</i>	Sheet <i>5</i> of <i>11</i>	
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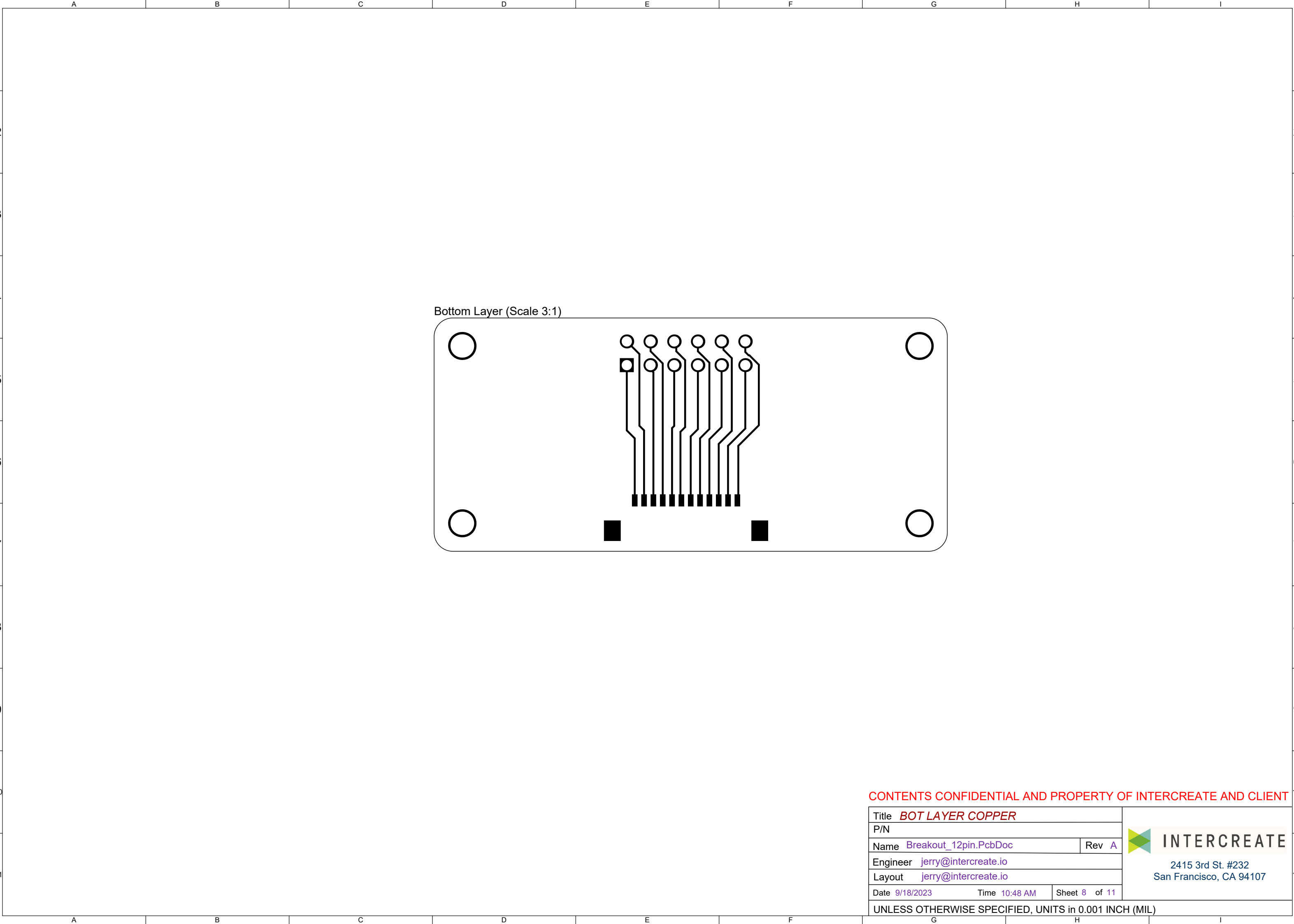
Title <i>TOP LAYER SOLDERMASK</i>			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name <i>Breakout_12pin.PcbDoc</i>	Rev <i>A</i>		
Engineer <i>jerry@intercreate.io</i>			
Layout <i>jerry@intercreate.io</i>			
Date <i>9/18/2023</i>	Time <i>10:48 AM</i>	Sheet <i>6</i> of <i>11</i>	
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Top Layer (Scale 3:1)

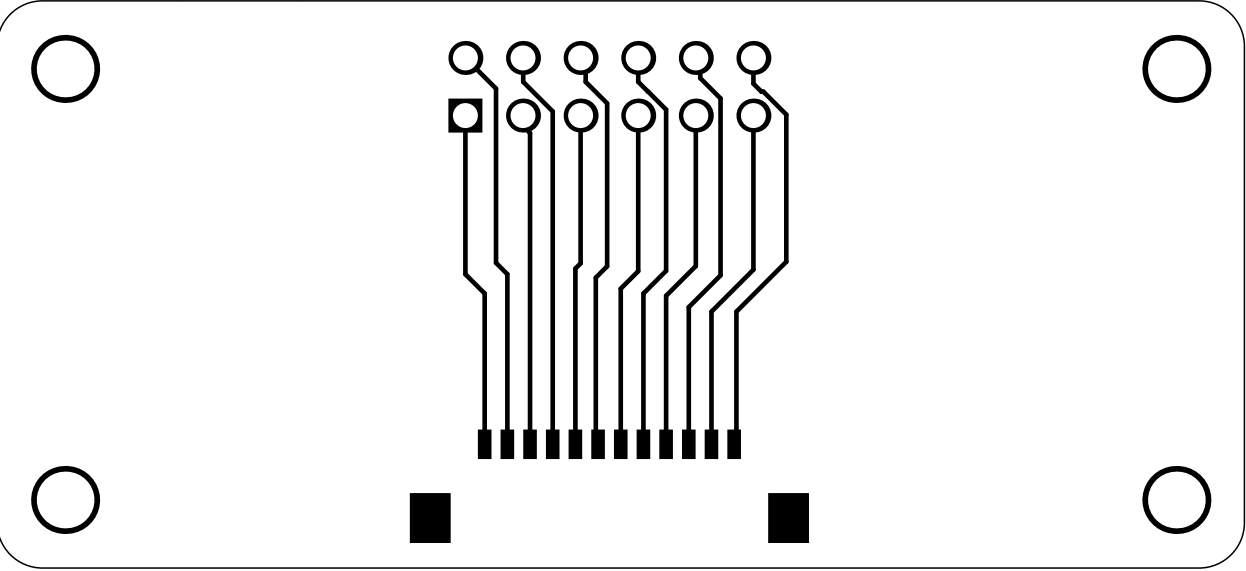


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Title <i>TOP LAYER COPPER</i>			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name Breakout_12pin.PcbDoc	Rev	A	
Engineer jerry@intercreate.io			
Layout jerry@intercreate.io			
Date 9/18/2023	Time 10:48 AM	Sheet 7 of 11	
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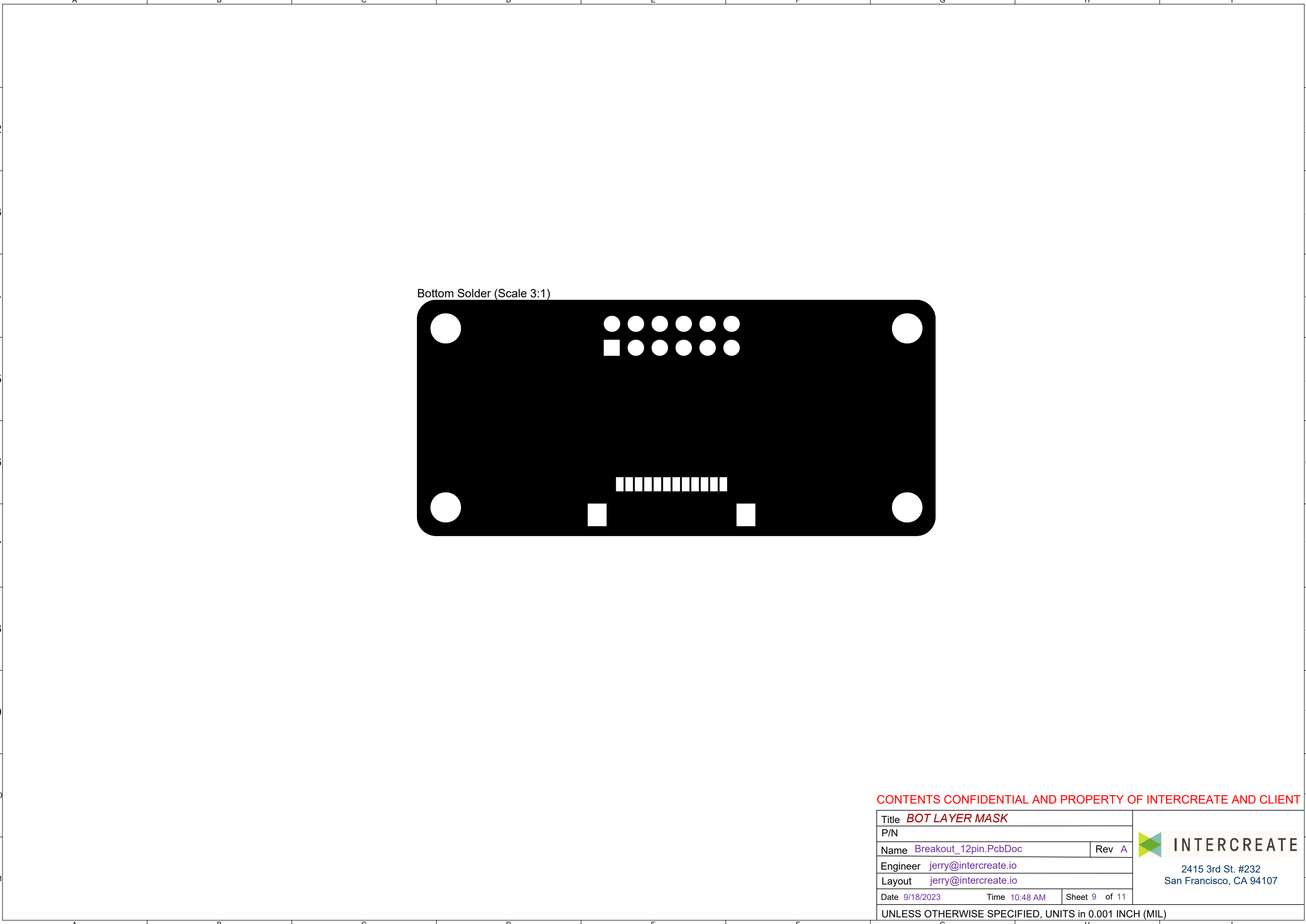


Bottom Layer (Scale 3:1)




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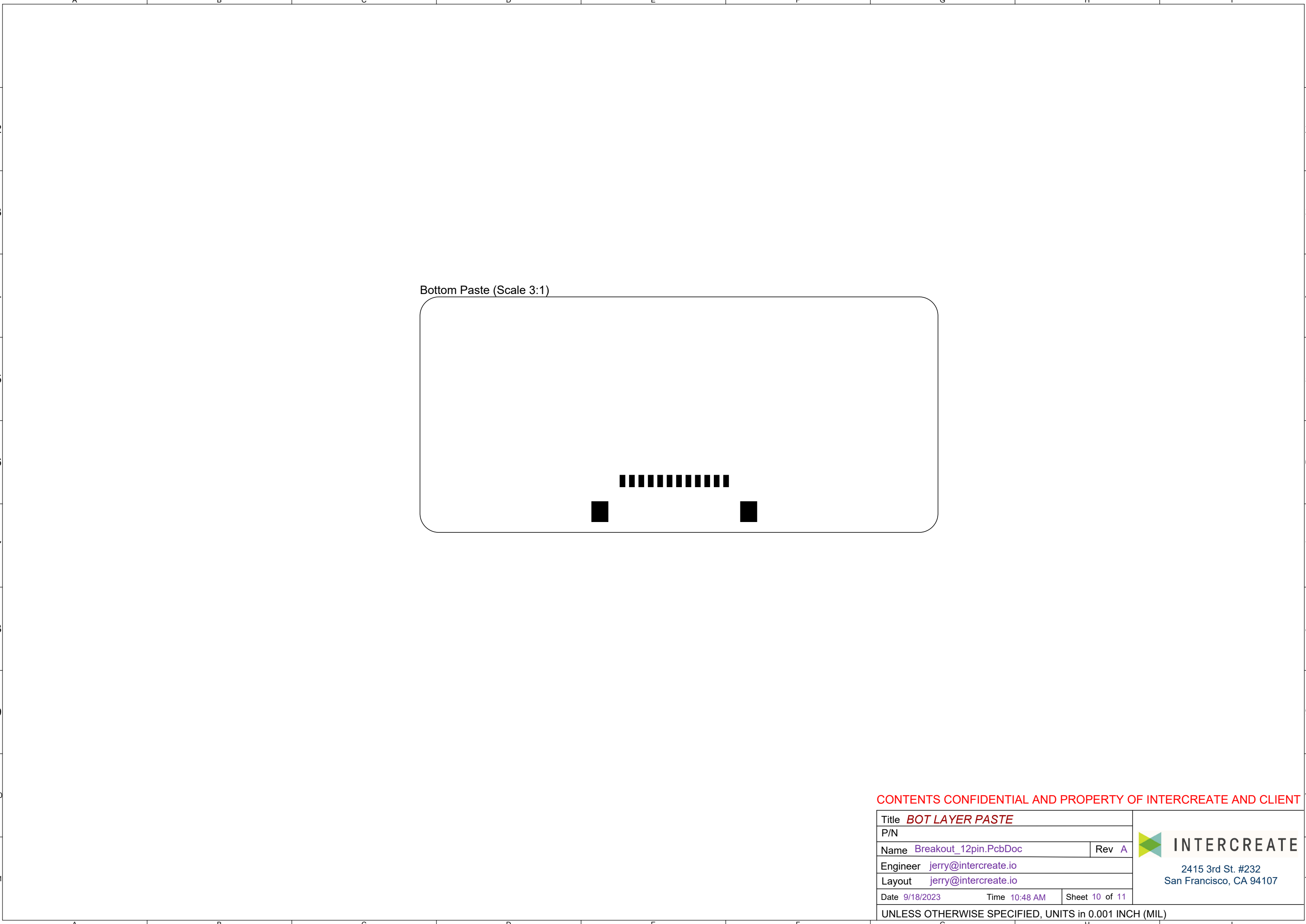
Title BOT LAYER COPPER			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name Breakout_12pin.PcbDoc	Rev	A	
Engineer jerry@intercreate.io			
Layout jerry@intercreate.io			
Date 9/18/2023	Time 10:48 AM	Sheet 8 of 11	
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Bottom Solder (Scale 3:1)

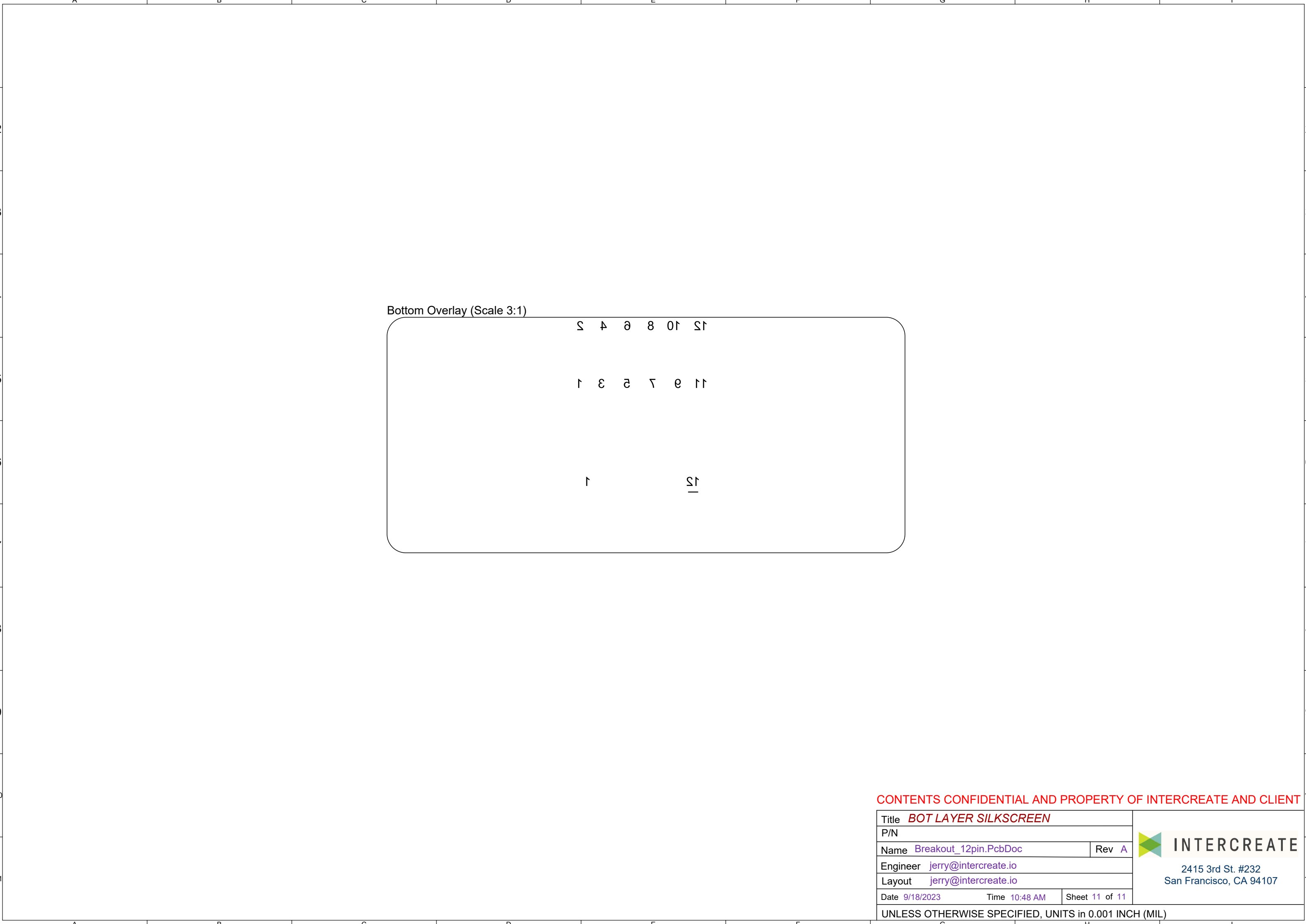
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Title <i>BOT LAYER MASK</i>			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name <i>Breakout_12pin.PcbDoc</i>	Rev <i>A</i>		
Engineer <i>jerry@intercreate.io</i>			
Layout <i>jerry@intercreate.io</i>			
Date <i>9/18/2023</i>	Time <i>10:48 AM</i>	Sheet <i>9</i> of <i>11</i>	
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)			

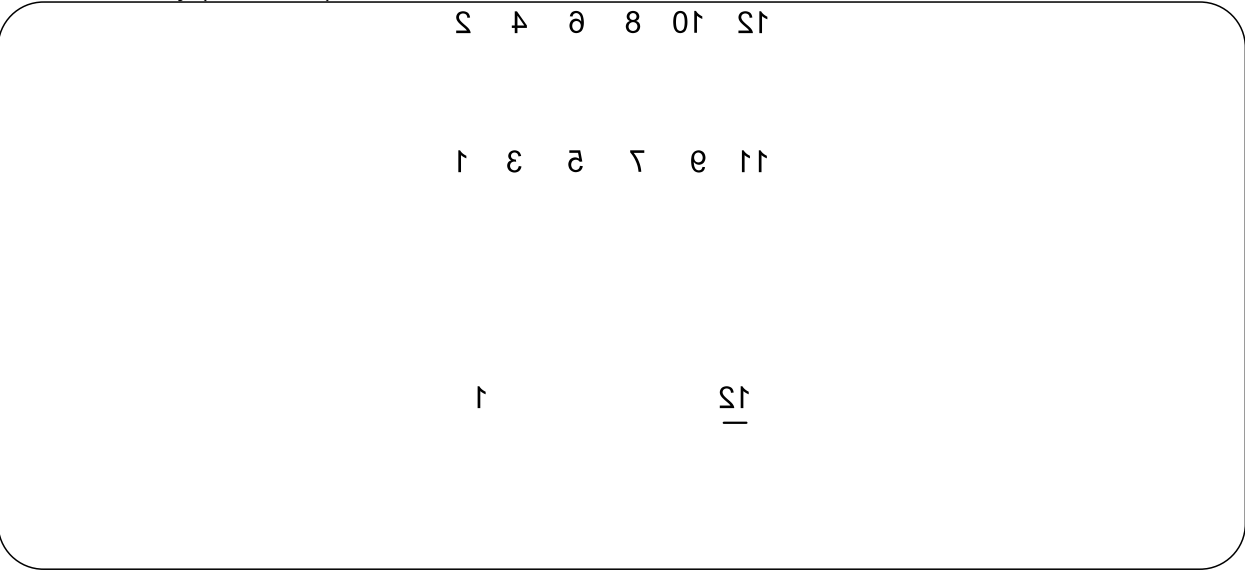


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Engineer jerry@intercreate.io			
Layout jerry@intercreate.io			
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Bottom Overlay (Scale 3:1)



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Title <i>BOT LAYER SILKSCREEN</i>			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name Breakout_12pin.PcbDoc	Rev A		
Engineer jerry@intercreate.io			
Layout jerry@intercreate.io			
Date 9/18/2023	Time 10:48 AM	Sheet 11 of 11	
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)			