


NOTES (Unless otherwise specified)

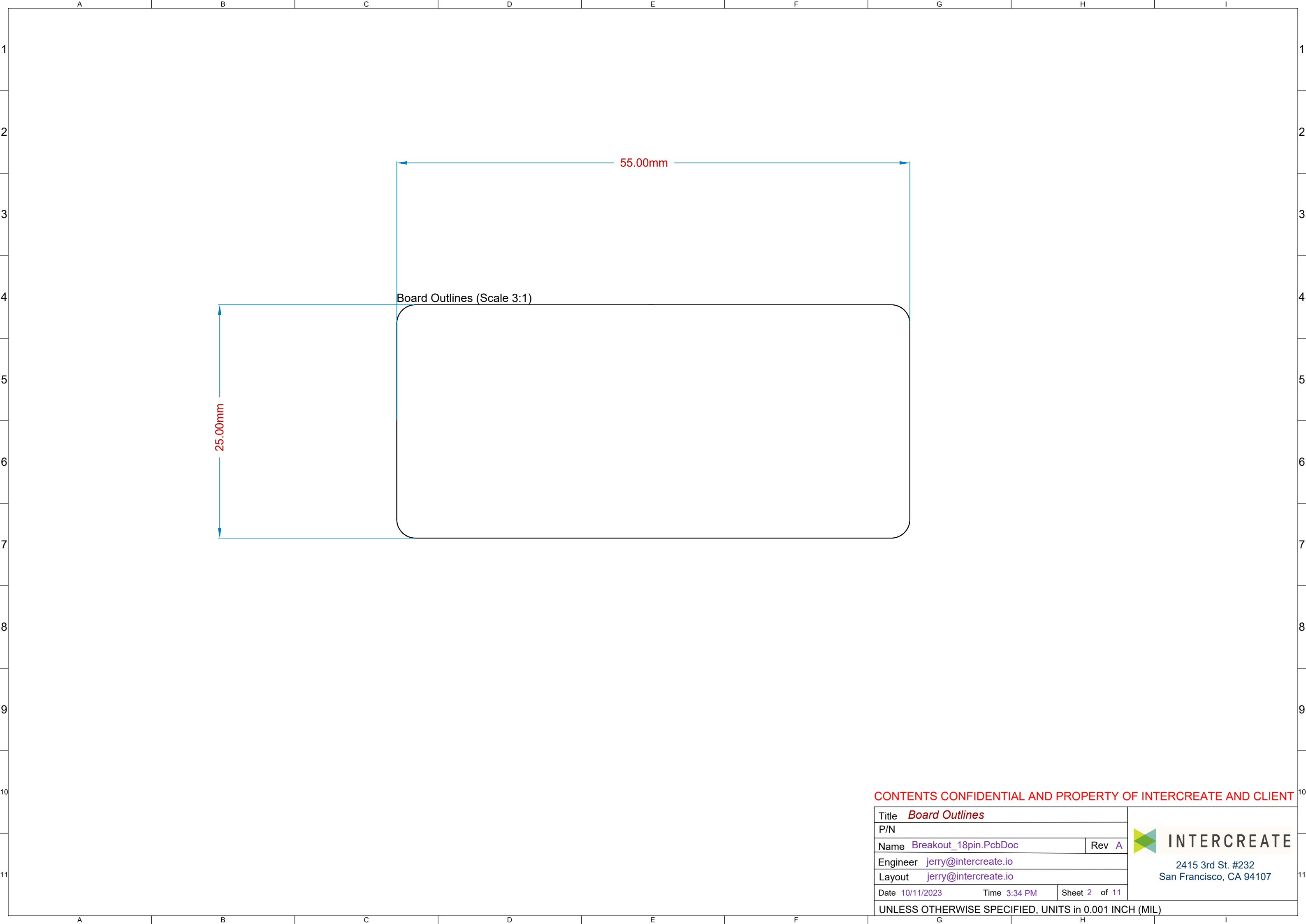
PCB MATERIAL	FR4 or similar
SOLDER	ENIG per IPC-4552
WASHABLE	YES
COPPER WEIGHT FOR OUTER LAYERS	1oz
PCB PLATING	ENIG per IPC-4552
VIA SIZE	See Drill Table
VIA IN PAD	NO
VIA FILL	NO
VIA TENTING	BOTH SIDES
SOLDER MASK COLOR	GRAY
SILK SCREEN COLOR	WHITE
ACCEPTANCE	IPC-A-600 Class II
PCB FINISH	IPC-4552

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						

CONTENTS CONFIDENTIAL AND PROPERTY OF INTERCREATE AND CLIENT

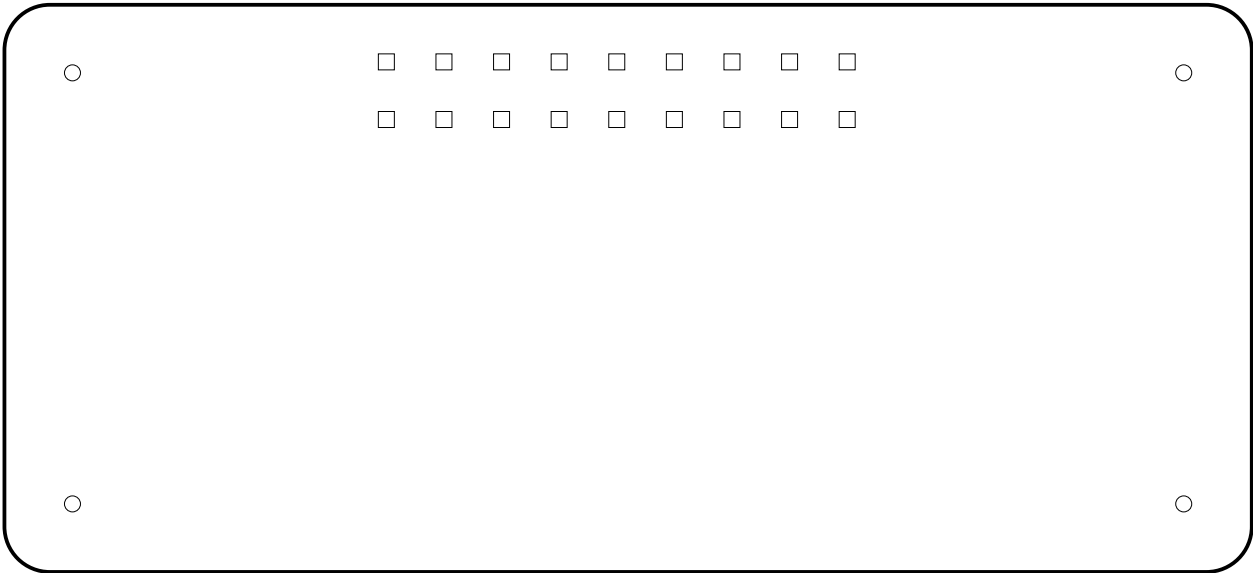
Title FABRICATION DRAWING			<div> INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107</div>	
P/N				
Name Breakout_18pin.PcbDoc	Rev A			
Engineer jerry@intercreate.io				
Layout jerry@intercreate.io				
Date 10/11/2023	Time 3:34 PM	Sheet 1 of 11		
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)				



CONTENTS CONFIDENTIAL AND PROPERTY OF INTERCREATE AND CLIENT

Title <i>Board Outlines</i>			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name Breakout_18pin.PcbDoc	Rev	A	
Engineer jerry@intercreate.io			
Layout jerry@intercreate.io			
Date 10/11/2023	Time 3:34 PM	Sheet 2 of 11	
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)			


Drill Drawing View (Scale 3:1)



Drill Table

Symbol	Count	Hole Size	Plated
□	18	43.307mil	Plated
○	4	98.425mil	Plated
	22 Total		

CONTENTS CONFIDENTIAL AND PROPERTY OF INTERCREATE AND CLIENT

Title <i>DRILL DRAWING</i>			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name Breakout_18pin.PcbDoc	Rev	A	
Engineer jerry@intercreate.io			
Layout jerry@intercreate.io			
Date 10/11/2023	Time 3:34 PM	Sheet 3 of 11	
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)			

Top Overlay (Scale 3:1)

24681012141618

1357911131517

INTERCREATE

18 pin

1


-

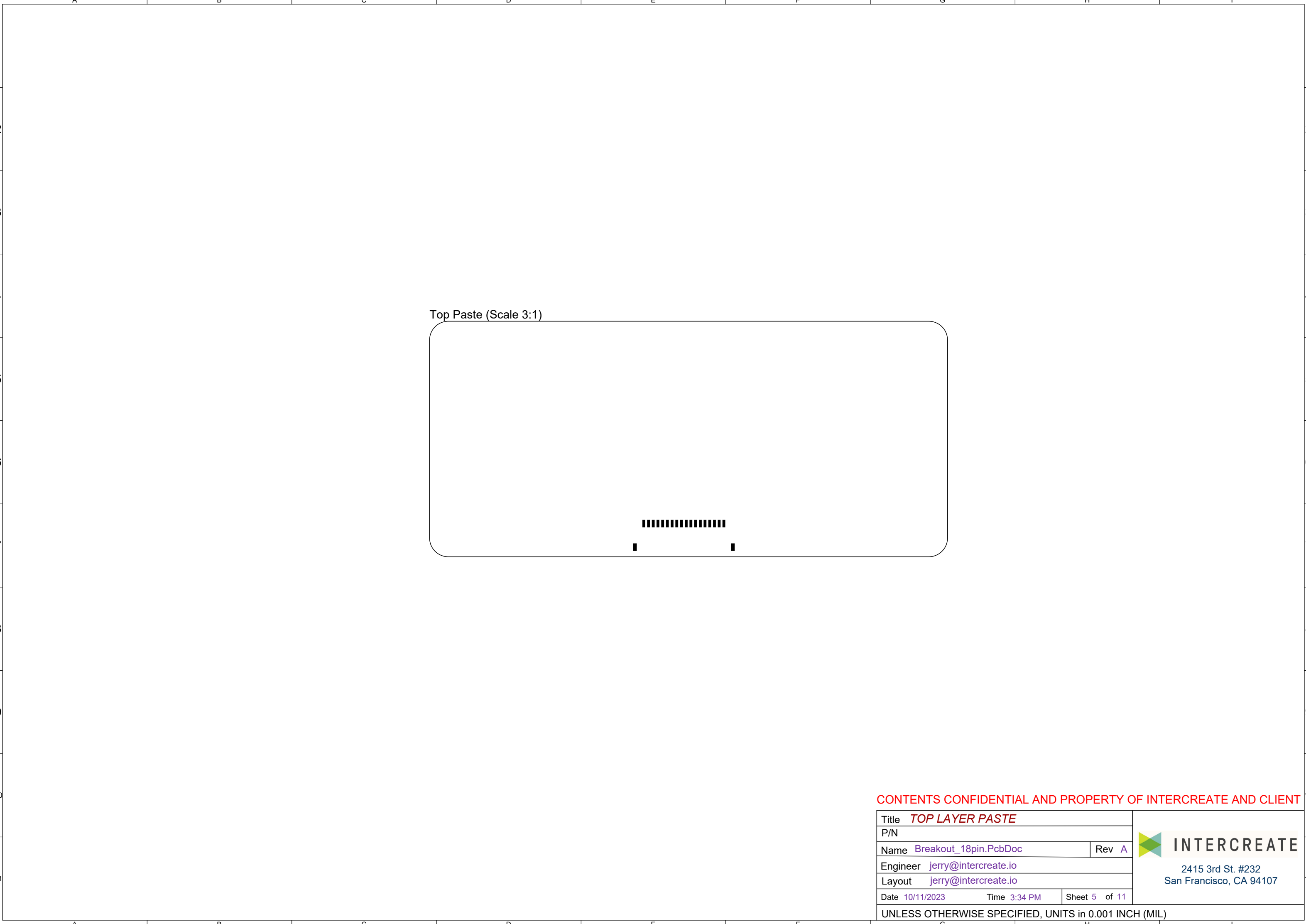
18

0.5mm - TOP


1.0mm - BOT

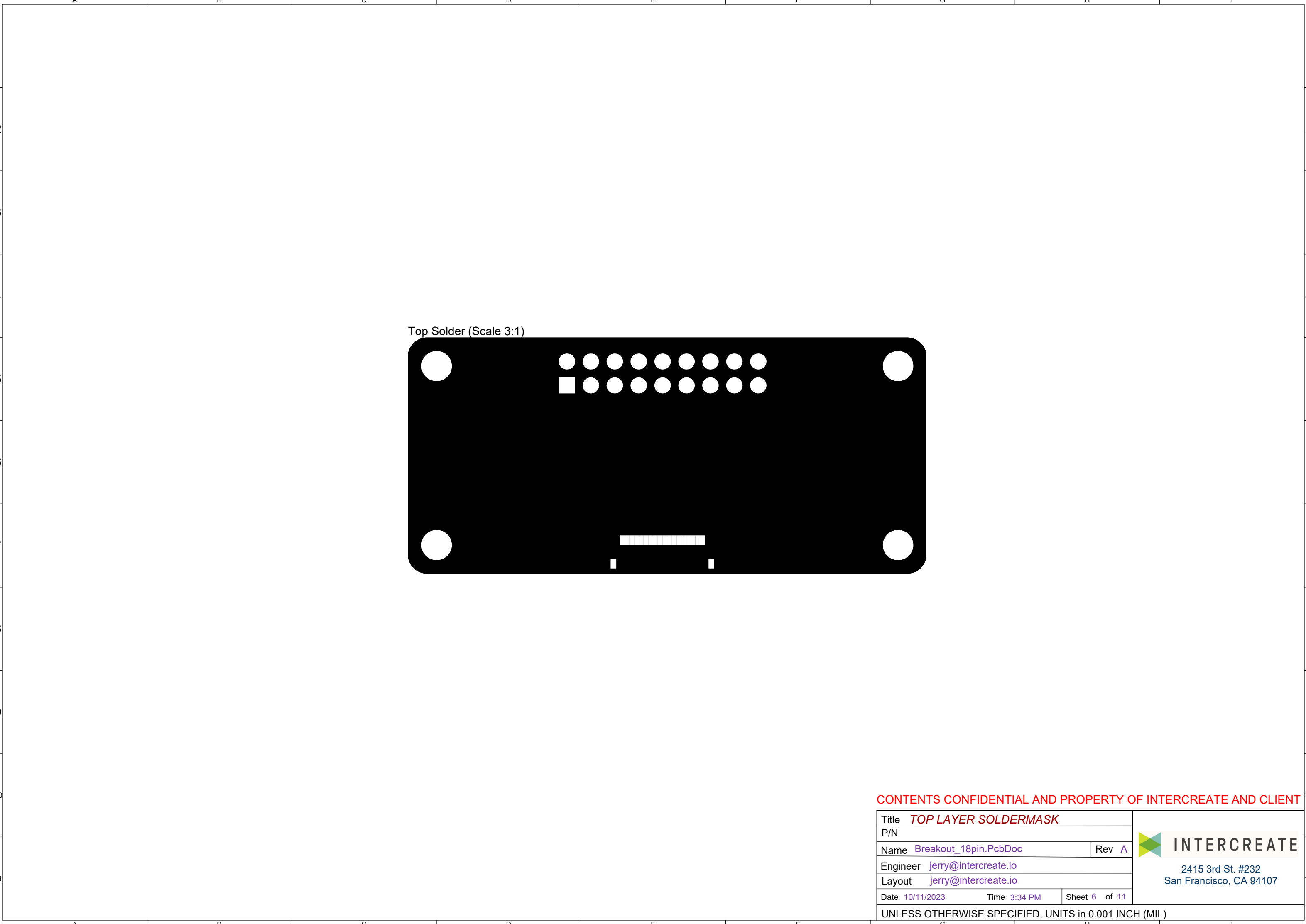
CONTENTS CONFIDENTIAL AND PROPERTY OF INTERCREATE AND CLIENT

Title <i>TOP LAYER SILKSCREEN</i>			<div> INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107</div>	
P/N				
Name Breakout_18pin.PcbDoc	Rev	A		
Engineer jerry@intercreate.io				
Layout jerry@intercreate.io				
Date 10/11/2023	Time 3:34 PM	Sheet 4 of 11		
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)				




CONTENTS CONFIDENTIAL AND PROPERTY OF INTERCREATE AND CLIENT

Title <i>TOP LAYER PASTE</i>			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name <i>Breakout_18pin.PcbDoc</i>	Rev <i>A</i>		
Engineer <i>jerry@intercreate.io</i>			
Layout <i>jerry@intercreate.io</i>			
Date <i>10/11/2023</i>	Time <i>3:34 PM</i>	Sheet <i>5</i> of <i>11</i>	
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)			

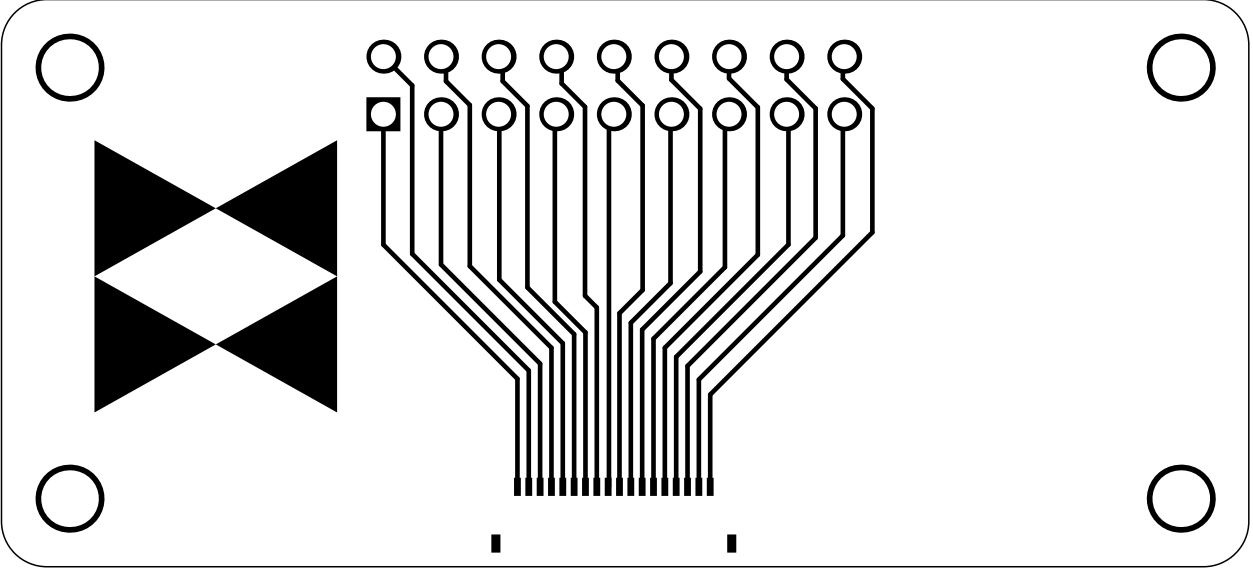


Top Solder (Scale 3:1)


CONTENTS CONFIDENTIAL AND PROPERTY OF INTERCREATE AND CLIENT

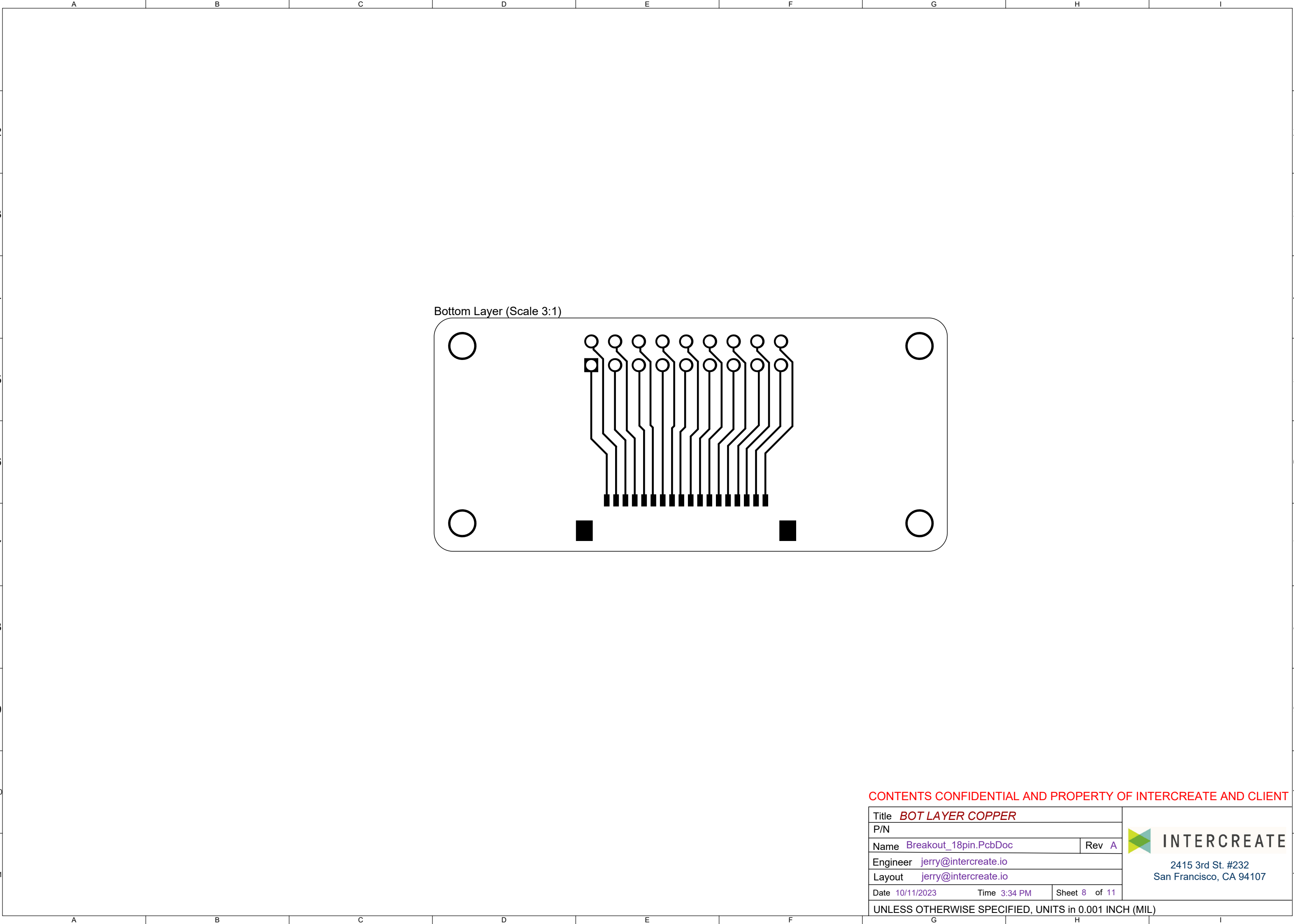
Title <i>TOP LAYER SOLDERMASK</i>			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name <i>Breakout_18pin.PcbDoc</i>	Rev <i>A</i>		
Engineer <i>jerry@intercreate.io</i>			
Layout <i>jerry@intercreate.io</i>			
Date <i>10/11/2023</i>	Time <i>3:34 PM</i>	Sheet <i>6</i> of <i>11</i>	
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)			

Top Layer (Scale 3:1)




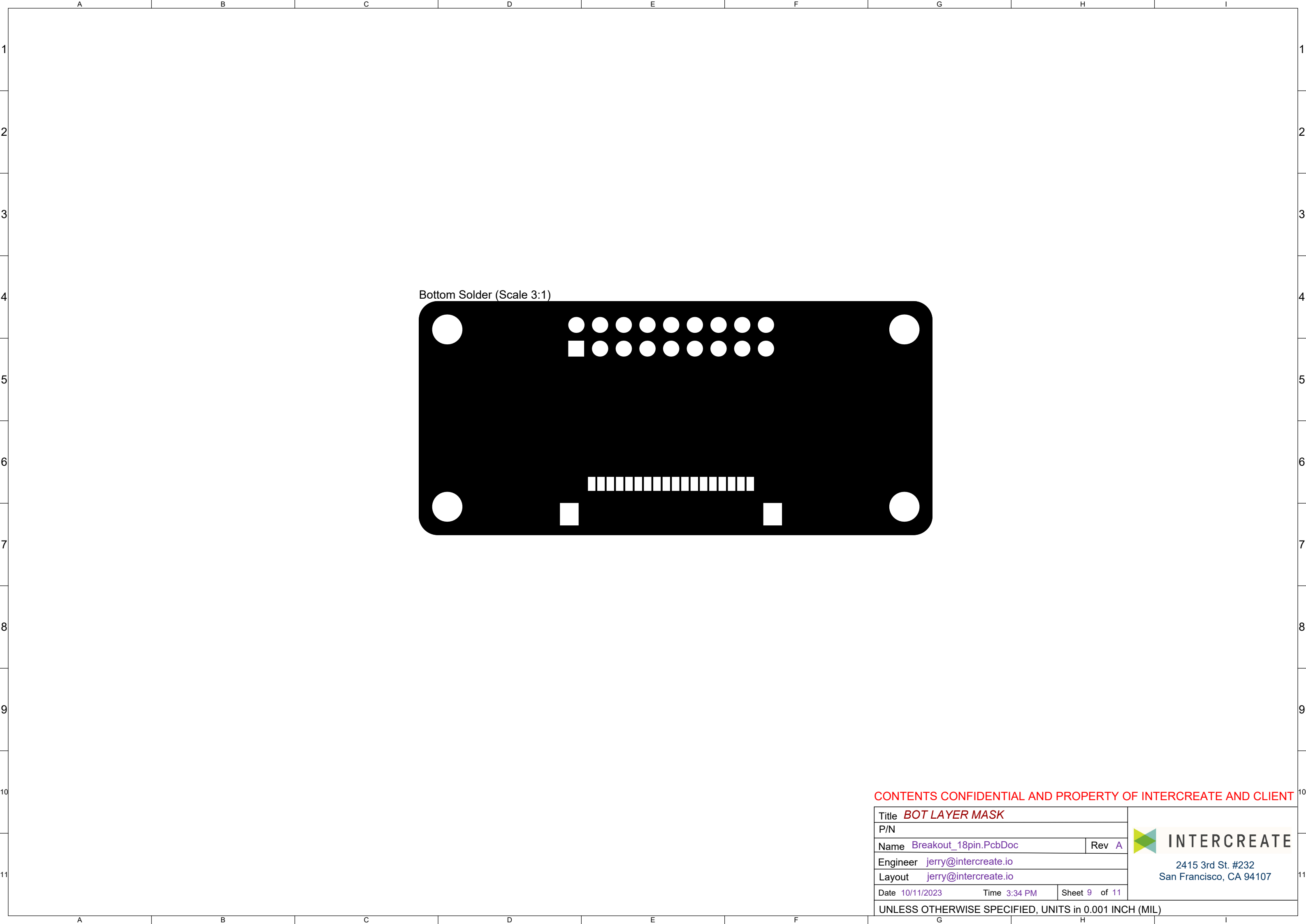
CONTENTS CONFIDENTIAL AND PROPERTY OF INTERCREATE AND CLIENT

Title <i>TOP LAYER COPPER</i>			 <div>INTERCREATE</div> <div>2415 3rd St. #232 San Francisco, CA 94107</div>
P/N			
Name <i>Breakout_18pin.PcbDoc</i>	Rev <i>A</i>		
Engineer <i>jerry@intercreate.io</i>			
Layout <i>jerry@intercreate.io</i>			
Date <i>10/11/2023</i>	Time <i>3:34 PM</i>	Sheet <i>7</i> of <i>11</i>	
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)			




CONTENTS CONFIDENTIAL AND PROPERTY OF INTERCREATE AND CLIENT

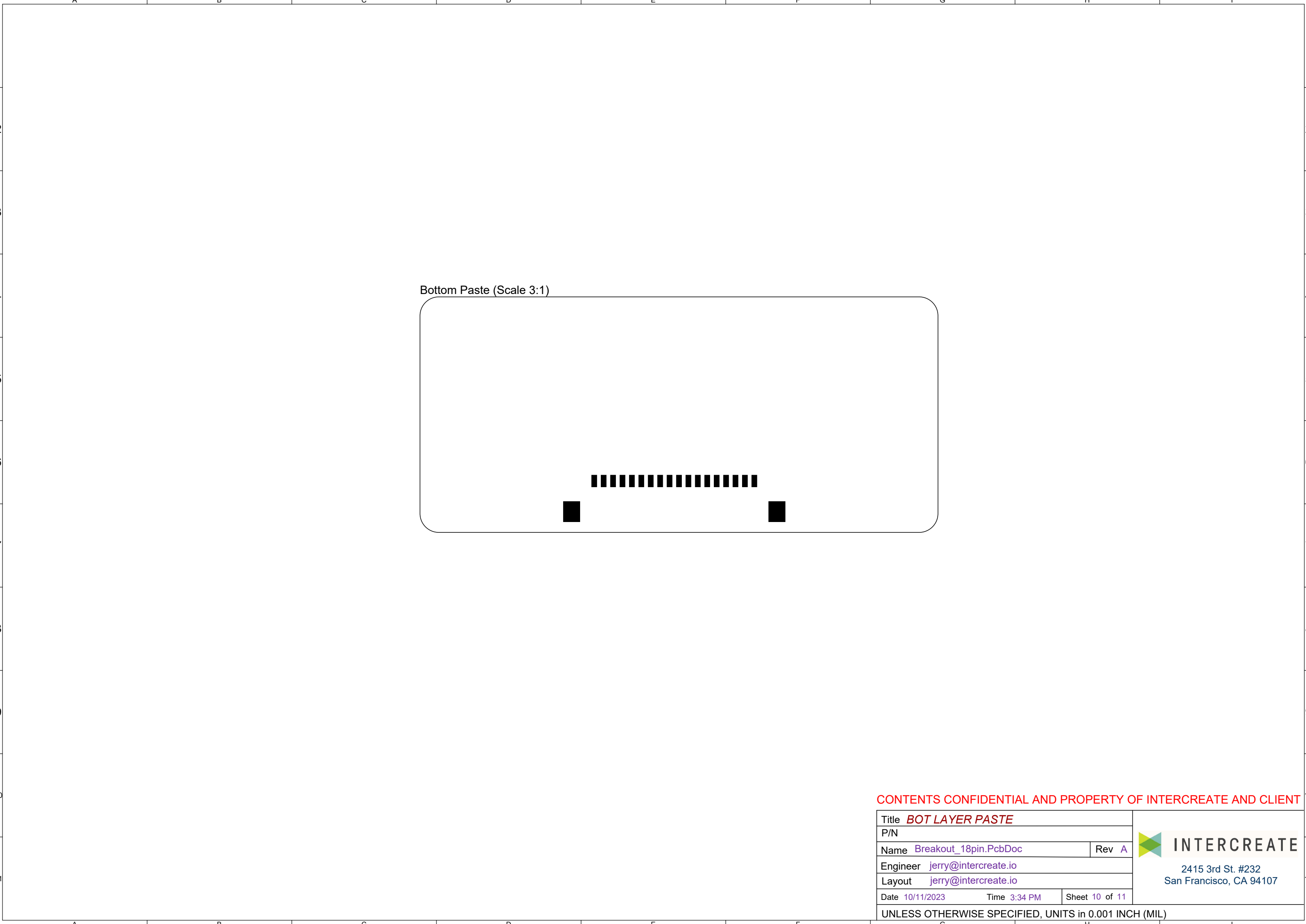
Title BOT LAYER COPPER			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107
P/N			
Name Breakout_18pin.PcbDoc	Rev	A	
Engineer jerry@intercreate.io			
Layout jerry@intercreate.io			
Date 10/11/2023	Time 3:34 PM	Sheet 8 of 11	
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)			




Bottom Solder (Scale 3:1)

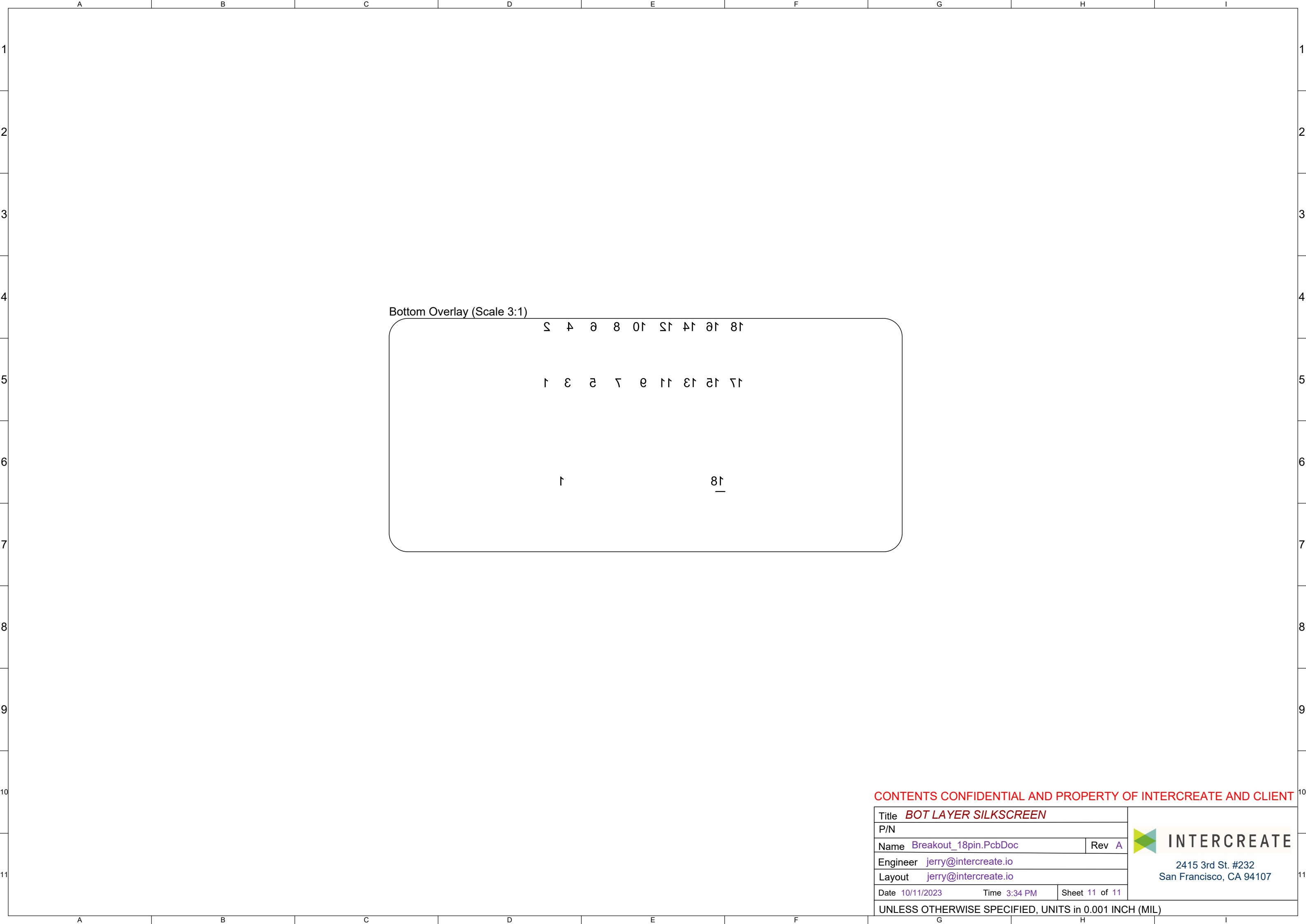
CONTENTS CONFIDENTIAL AND PROPERTY OF INTERCREATE AND CLIENT

Title <i>BOT LAYER MASK</i>			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107	
P/N				
Name Breakout_18pin.PcbDoc	Rev A			
Engineer jerry@intercreate.io				
Layout jerry@intercreate.io				
Date 10/11/2023	Time 3:34 PM	Sheet 9 of 11		
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)				

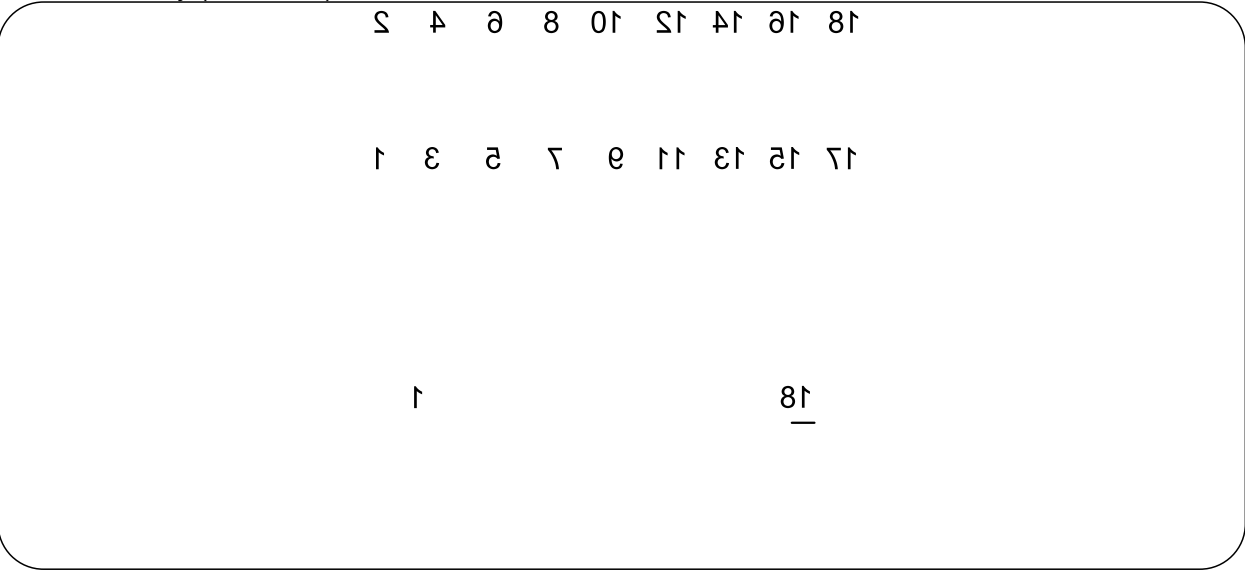


CONTENTS CONFIDENTIAL AND PROPERTY OF INTERCREATE AND CLIENT


Title <i>BOT LAYER PASTE</i>			<div> INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107</div>	
P/N				
Name Breakout_18pin.PcbDoc		Rev A		
Engineer jerry@intercreate.io				
Layout jerry@intercreate.io				
Date 10/11/2023	Time 3:34 PM	Sheet 10 of 11		
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)				



Bottom Overlay (Scale 3:1)



CONTENTS CONFIDENTIAL AND PROPERTY OF INTERCREATE AND CLIENT

Title <i>BOT LAYER SILKSCREEN</i>			 INTERCREATE 2415 3rd St. #232 San Francisco, CA 94107	
P/N				
Name Breakout_18pin.PcbDoc	Rev A			
Engineer jerry@intercreate.io				
Layout jerry@intercreate.io				
Date 10/11/2023	Time 3:34 PM	Sheet 11 of 11		
UNLESS OTHERWISE SPECIFIED, UNITS in 0.001 INCH (MIL)				