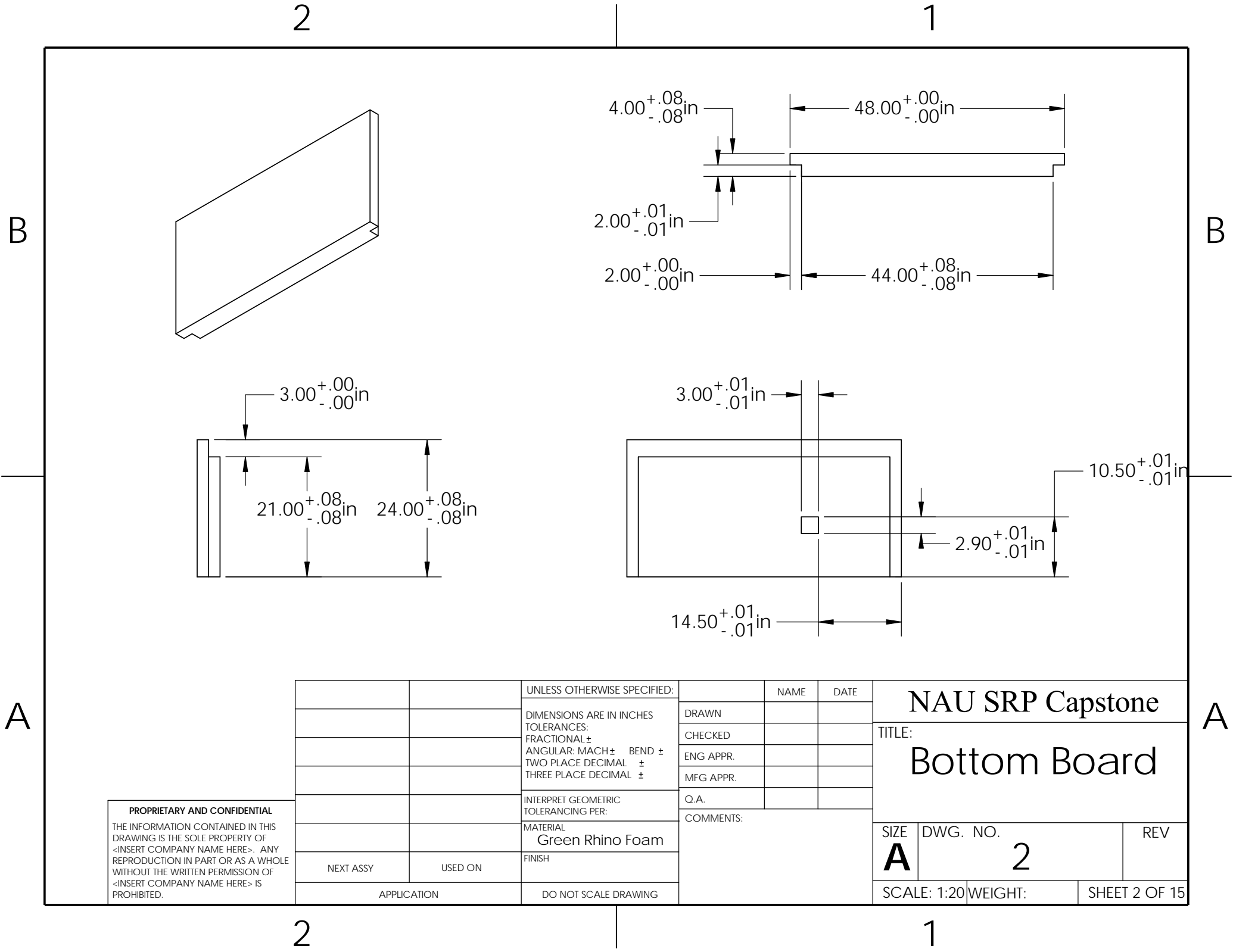


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			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN			TITLE: 100inx58in Back Board		
				CHECKED					
				ENG APPR.					
				MFG APPR.					
			INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.					
			MATERIAL Green Rhino Foam						
	NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING					SIZE A	DWG. NO. 1	REV
						SCALE: 1:20		WEIGHT:	SHEET 1 OF 15



B

B

A

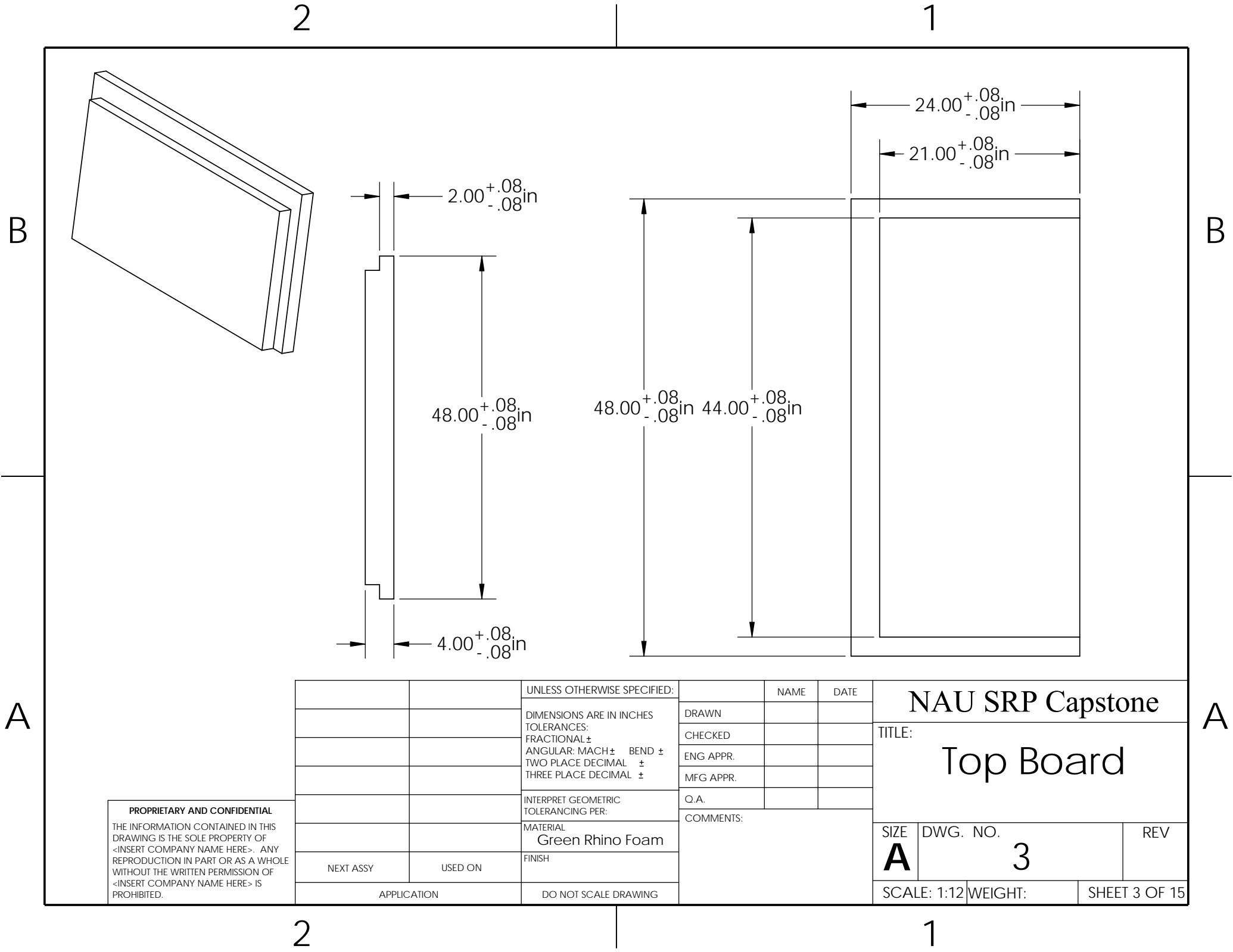
A

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		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONAL ±
		ANGULAR: MACH ± BEND ±
		TWO PLACE DECIMAL ±
		THREE PLACE DECIMAL ±
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
		Green Rhino Foam
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

NAU SRP Capstone		
TITLE:		
Bottom Board		
SIZE	DWG. NO.	REV
A	2	
SCALE: 1:20	WEIGHT:	SHEET 2 OF 15

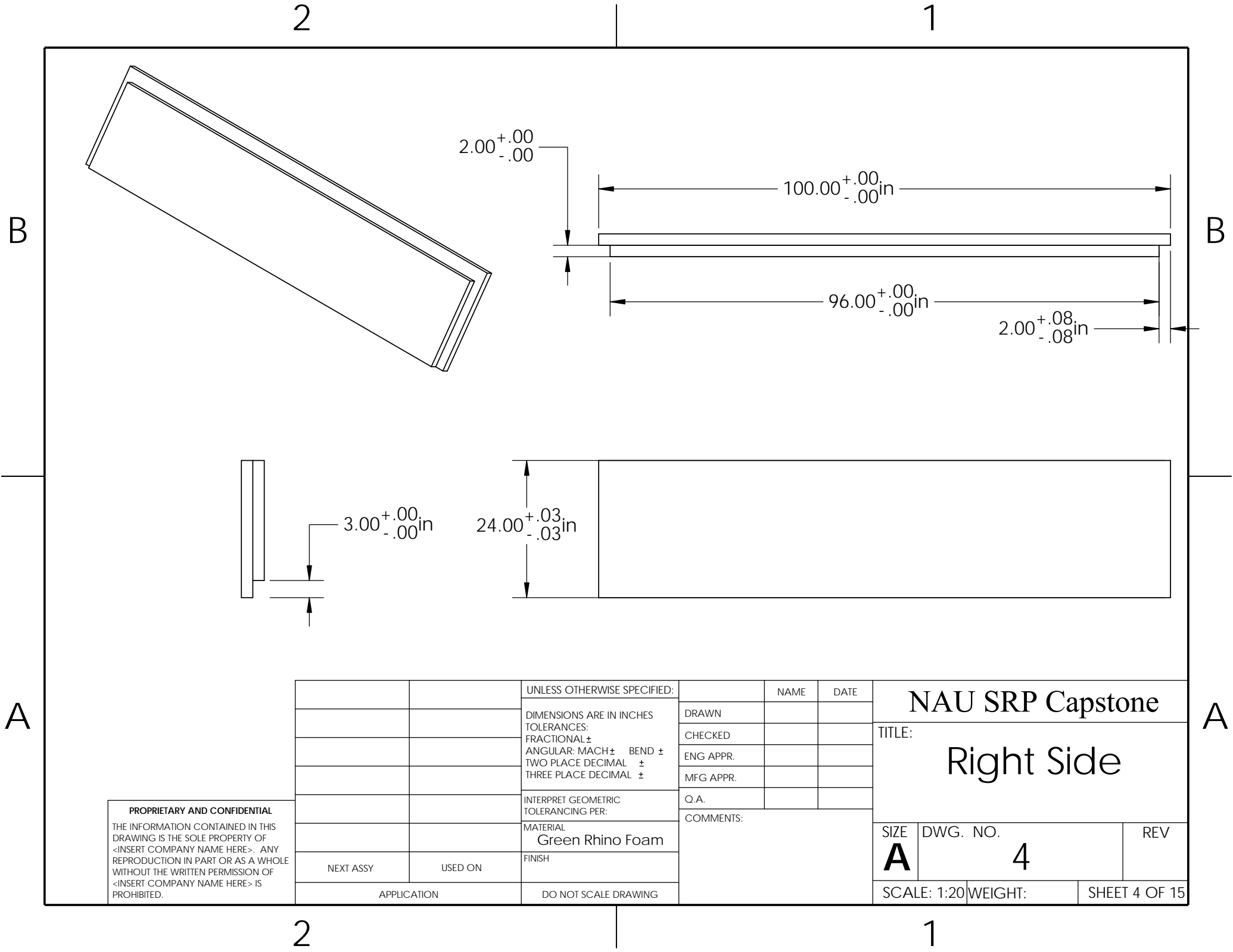


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		UNLESS OTHERWISE SPECIFIED:
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		TOLERANCES:
		FRACTIONAL ±
		ANGULAR: MACH ± BEND ±
		TWO PLACE DECIMAL ±
		THREE PLACE DECIMAL ±
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
		Green Rhino Foam
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

NAU SRP Capstone		
TITLE:		
Top Board		
SIZE	DWG. NO.	REV
A	3	
SCALE: 1:12	WEIGHT:	SHEET 3 OF 15



A

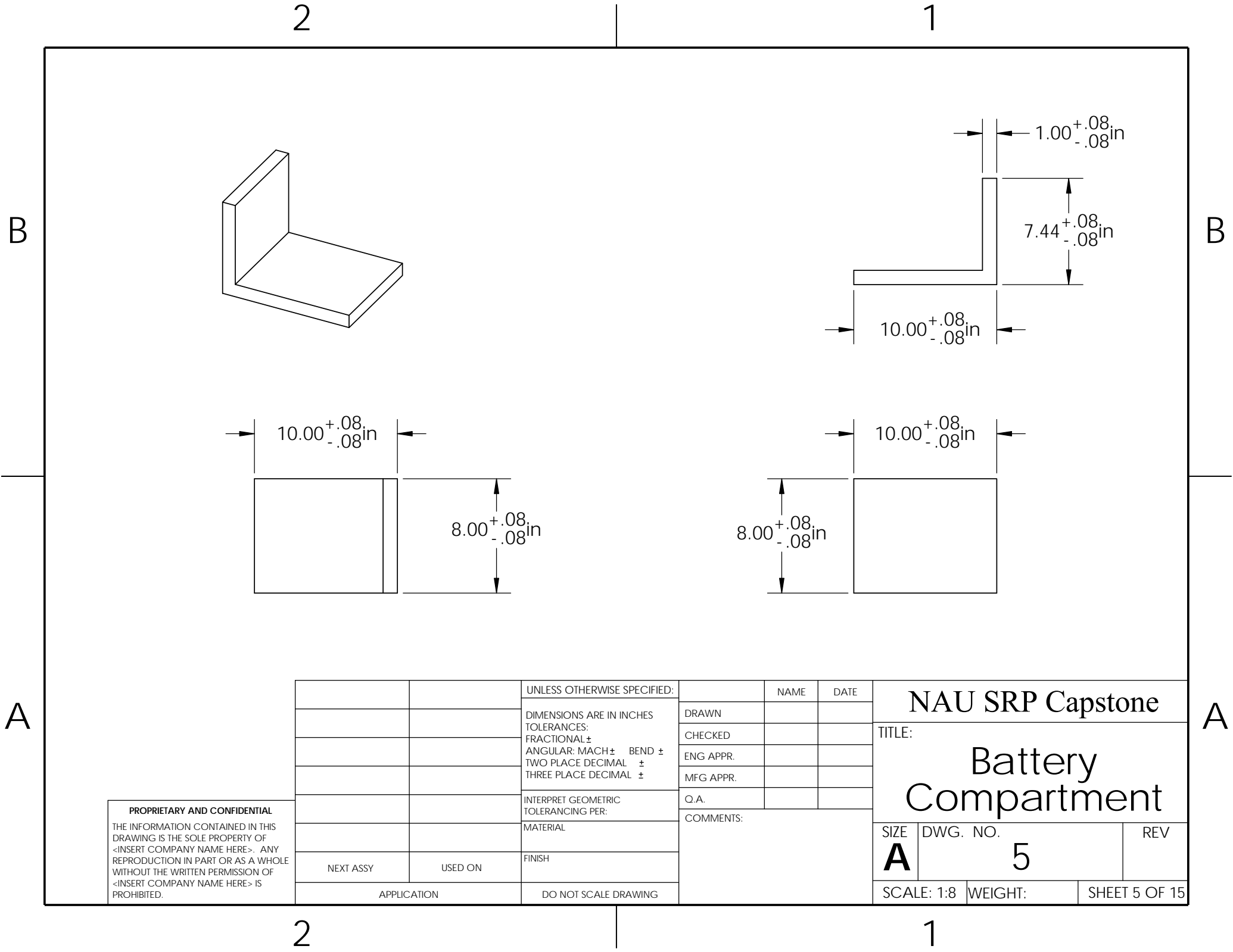
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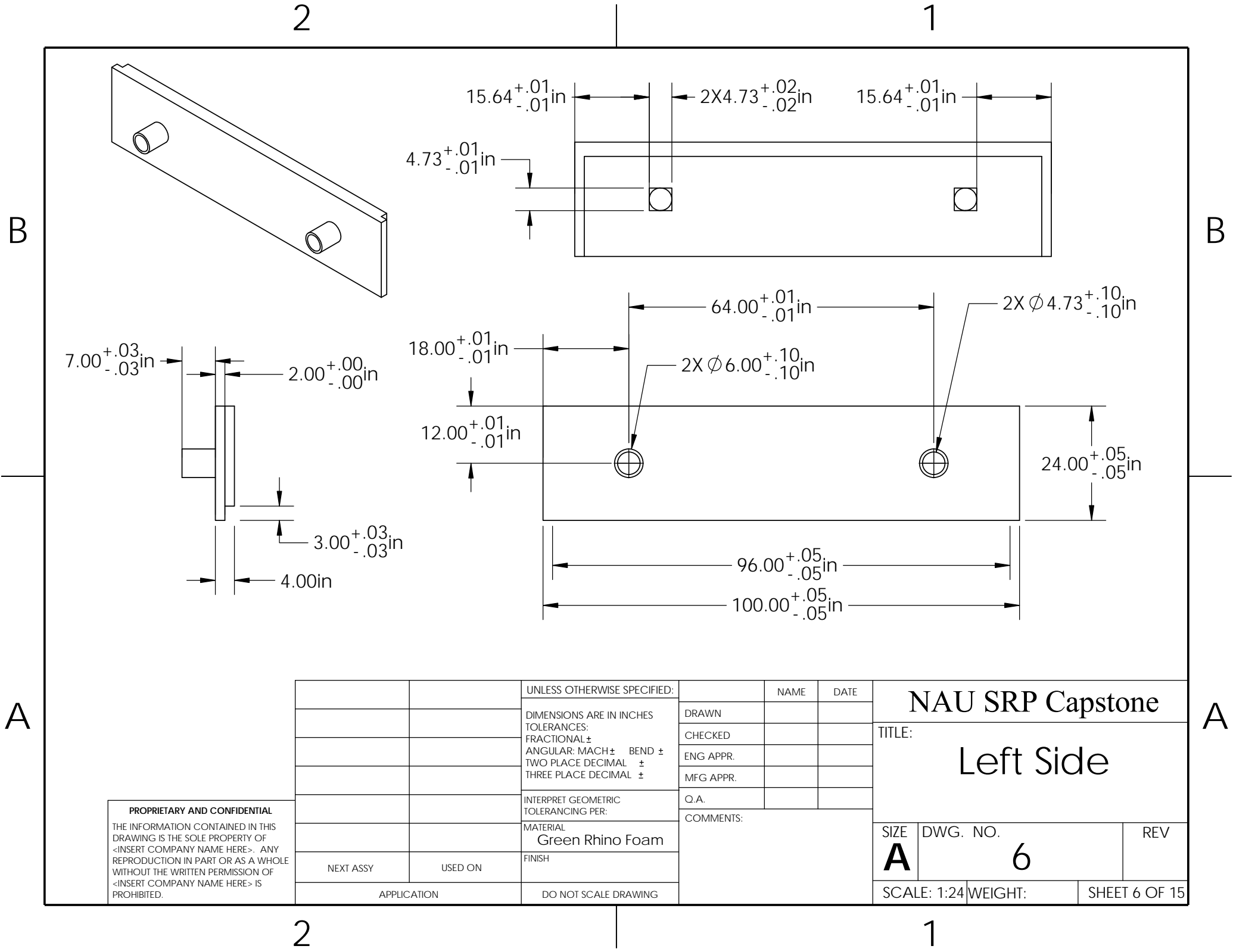
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	NAU SRP Capstone			
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN			TITLE: Right Side			
			CHECKED						
			ENG APPR.						
			MFG APPR.						
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.						
		MATERIAL Green Rhino Foam	COMMENTS:			SIZE A	DWG. NO. 4		REV
NEXT ASSY	USED ON	FINISH							
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:20			WEIGHT:

2

1





A

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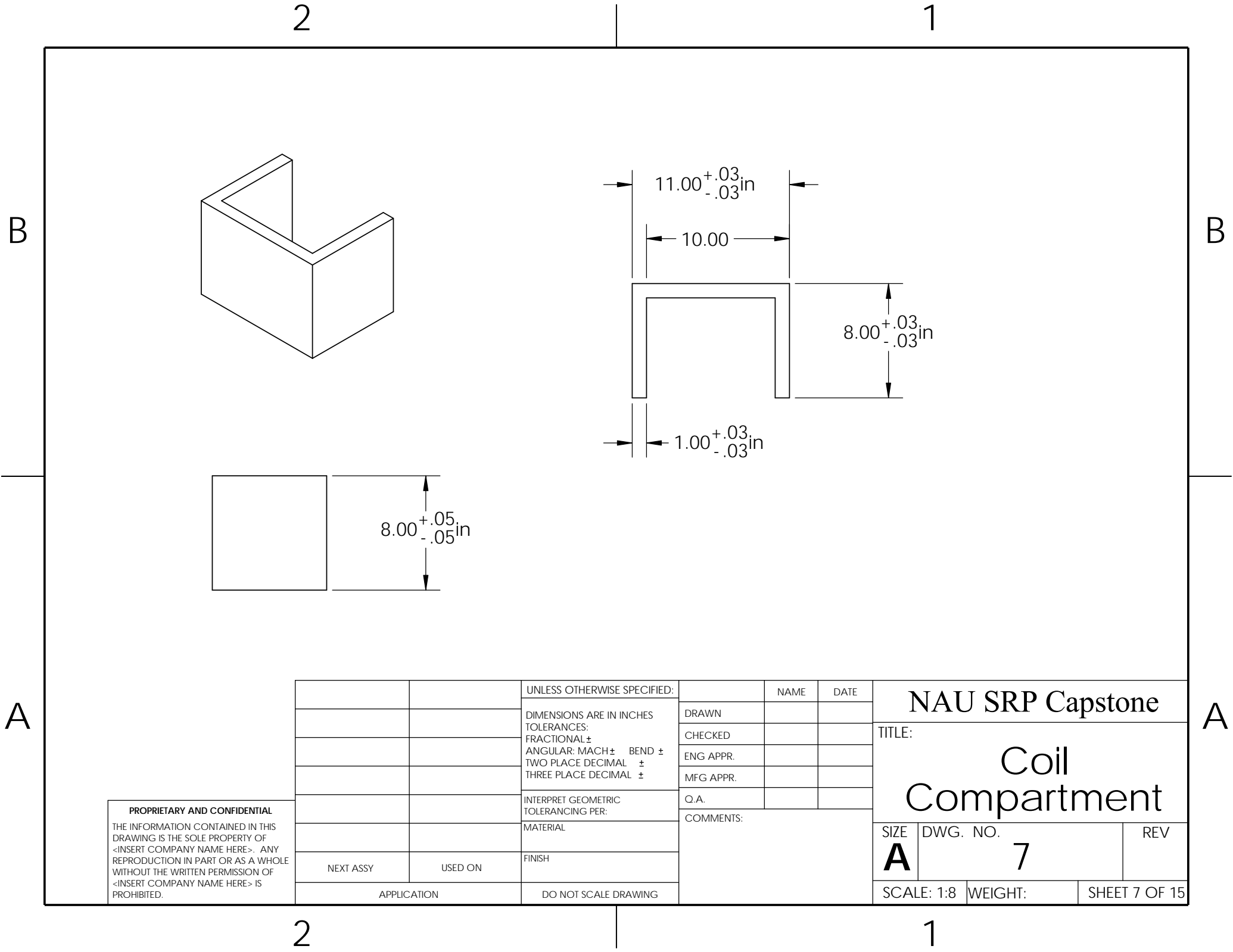
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		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONAL ±
		ANGULAR: MACH ± BEND ±
		TWO PLACE DECIMAL ±
		THREE PLACE DECIMAL ±
		INTERPRET GEOMETRIC
		TOLERANCING PER:
		MATERIAL
		Green Rhino Foam
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

NAU SRP Capstone		
TITLE:		
Left Side		
SIZE	DWG. NO.	REV
A	6	
SCALE: 1:24	WEIGHT:	SHEET 6 OF 15

2

1



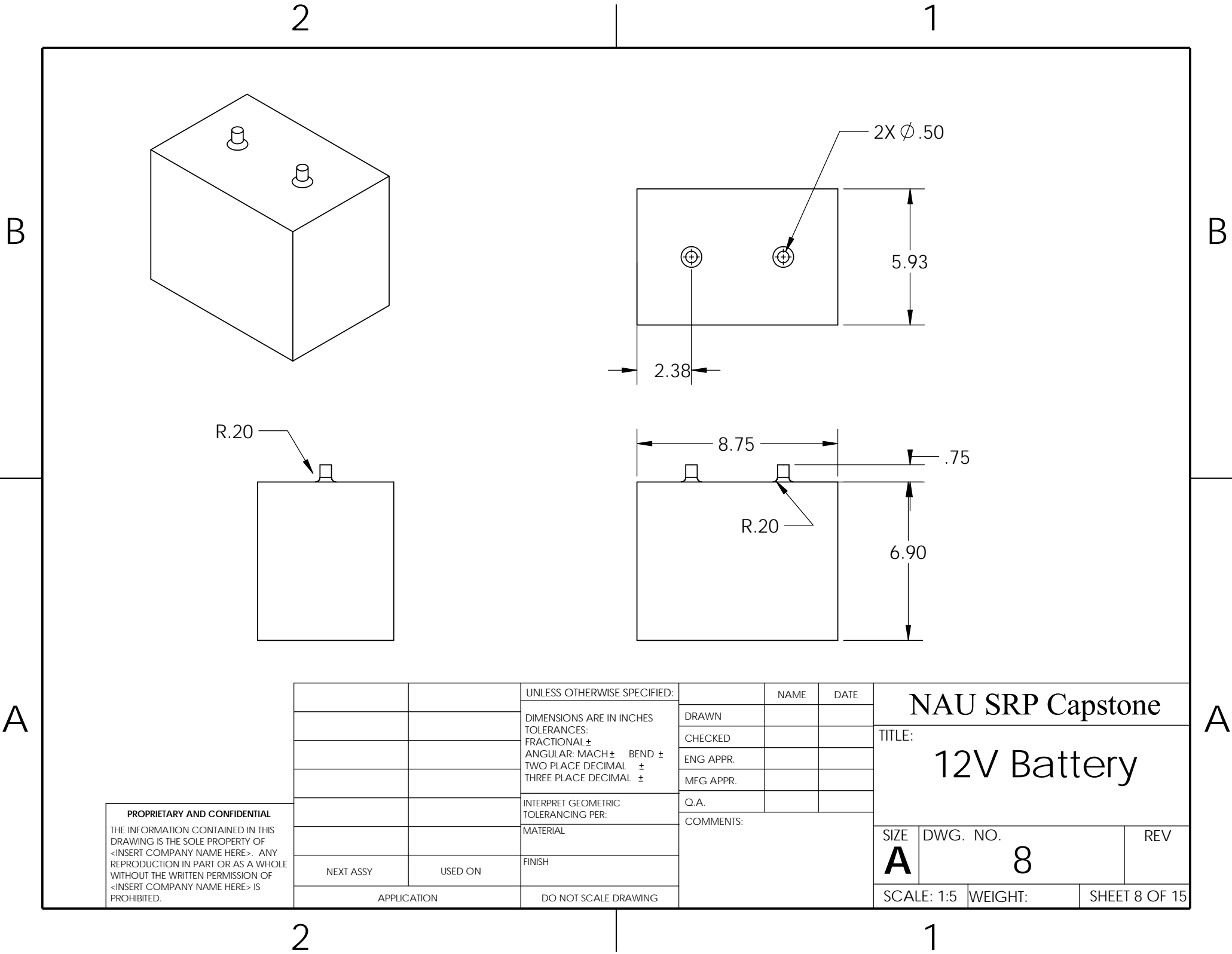
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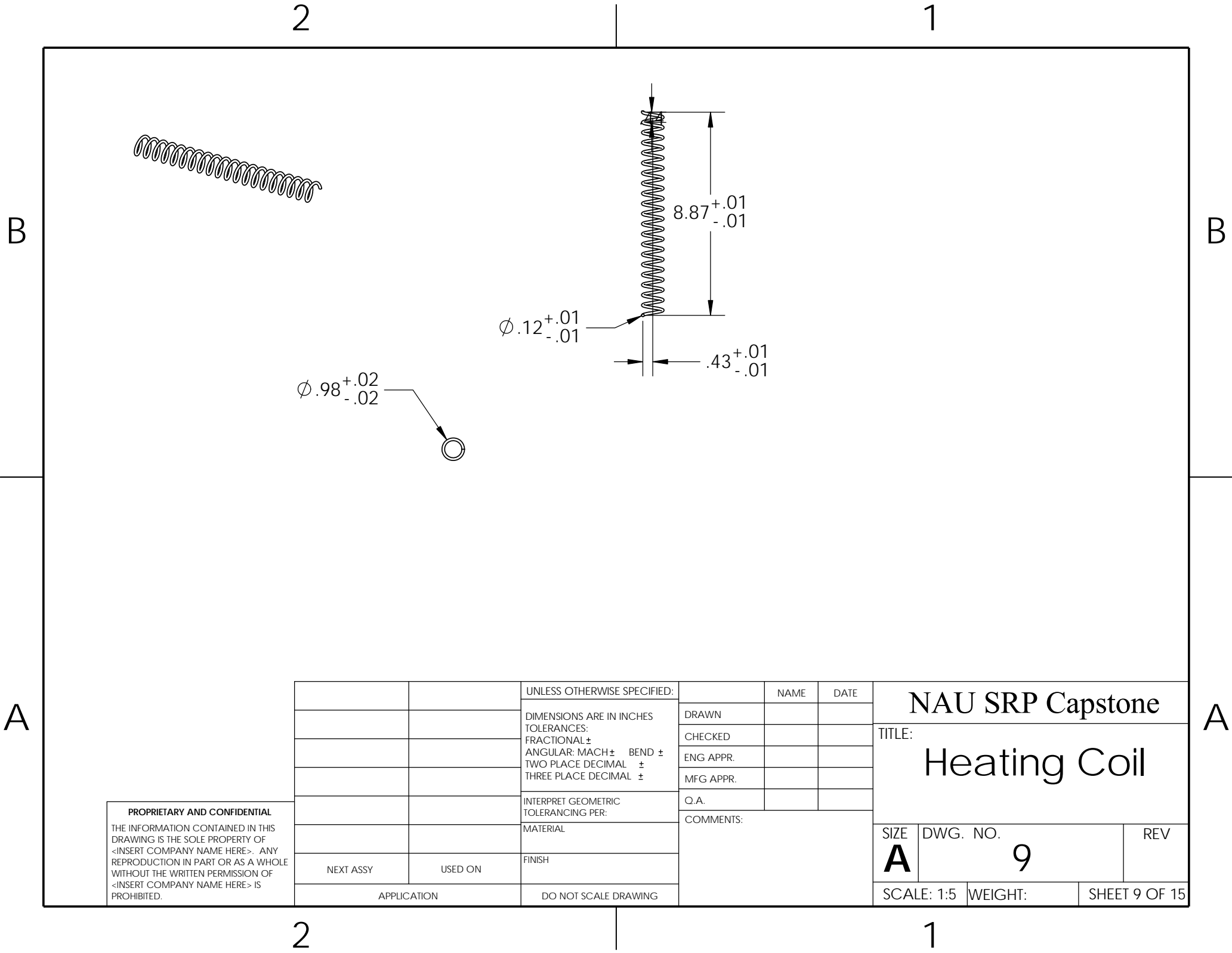
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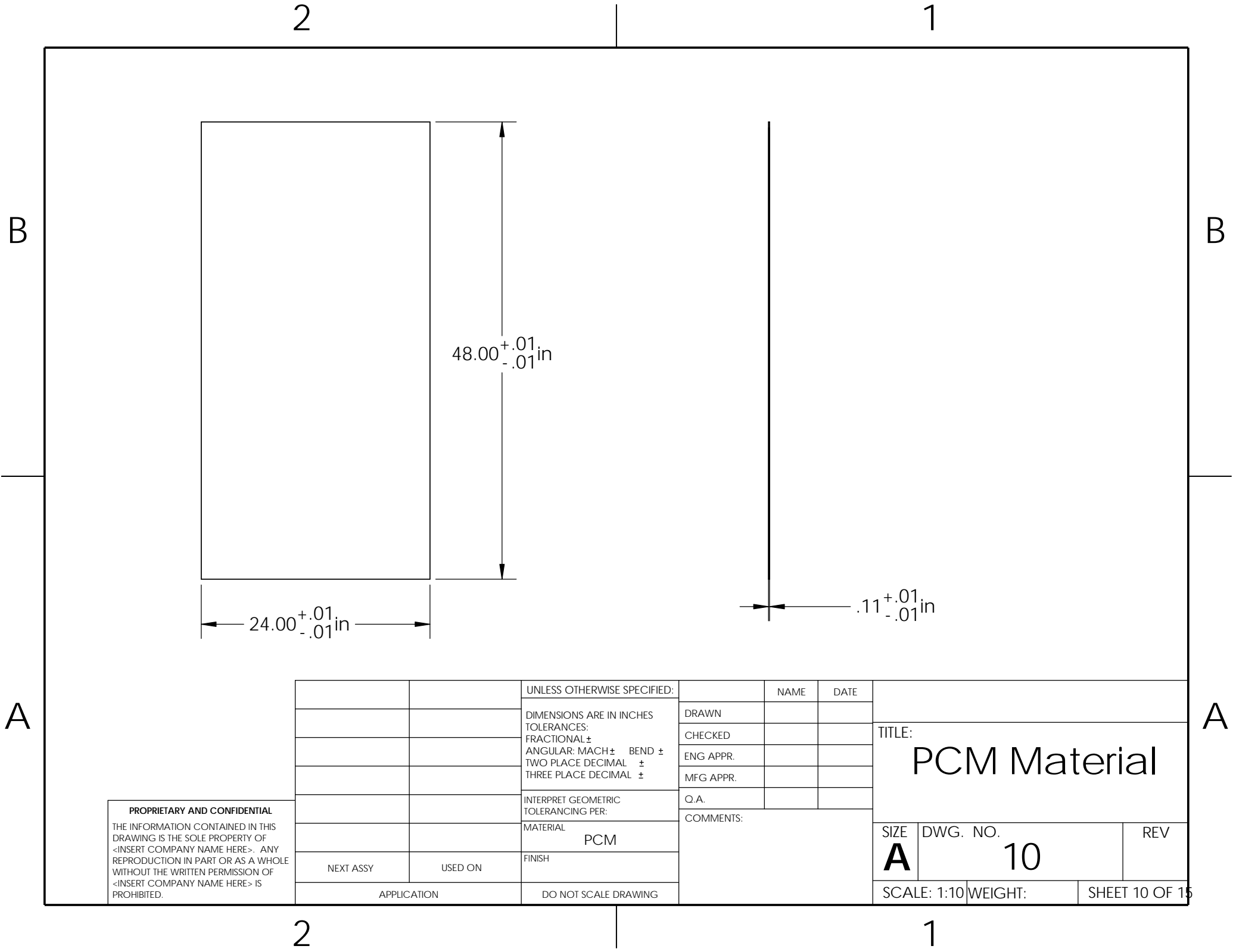
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			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN			TITLE: Coil Compartment		
				CHECKED					
				ENG APPR.					
				MFG APPR.					
			INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.					
			MATERIAL	COMMENTS:			SIZE	DWG. NO.	REV
	NEXT ASSY	USED ON	FINISH				A	7	
APPLICATION			DO NOT SCALE DRAWING				SCALE: 1:8	WEIGHT:	SHEET 7 OF 15

2

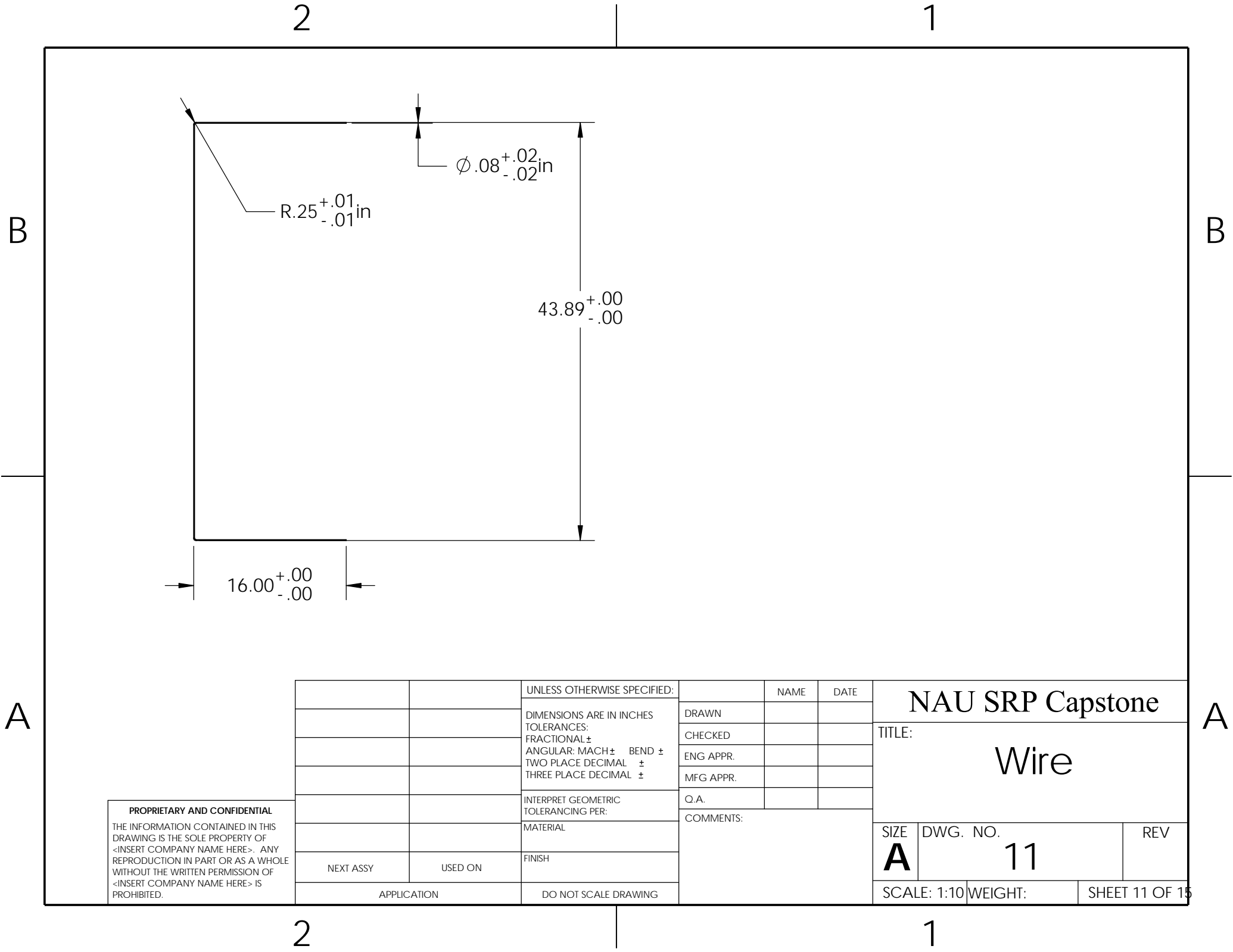
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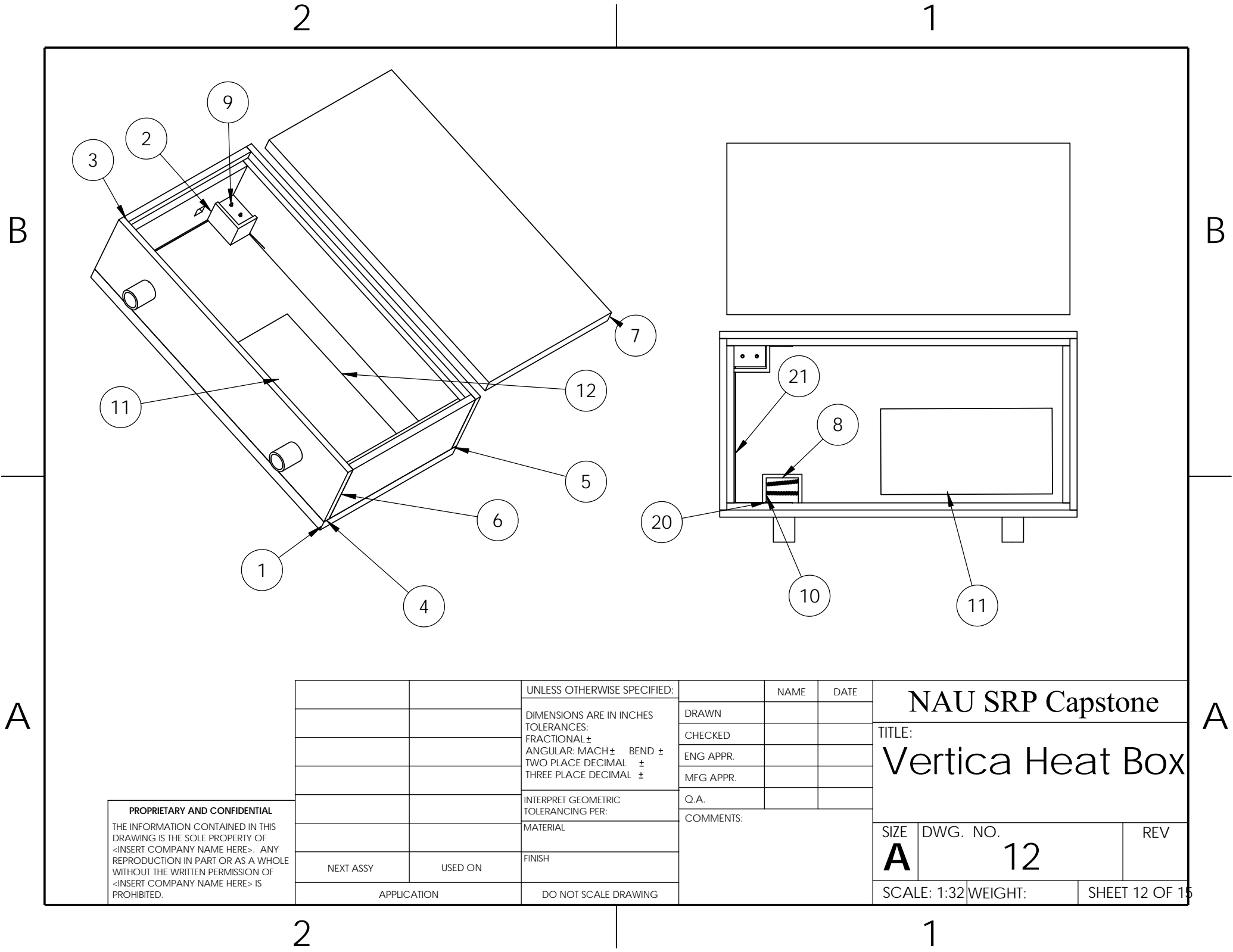






			UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: PCM Material						
			DIMENSIONS ARE IN INCHES	DRAWN									
			TOLERANCES:	CHECKED									
			FRACTIONAL ±	ENG APPR.									
			ANGULAR: MACH ± BEND ±	MFG APPR.									
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			THREE PLACE DECIMAL ±	COMMENTS:									
			INTERPRET GEOMETRIC TOLERANCING PER:										
			MATERIAL PCM										
		NEXT ASSY	USED ON										
	APPLICATION		DO NOT SCALE DRAWING					SCALE: 1:10		WEIGHT:		SHEET 10 OF 15	





A

A

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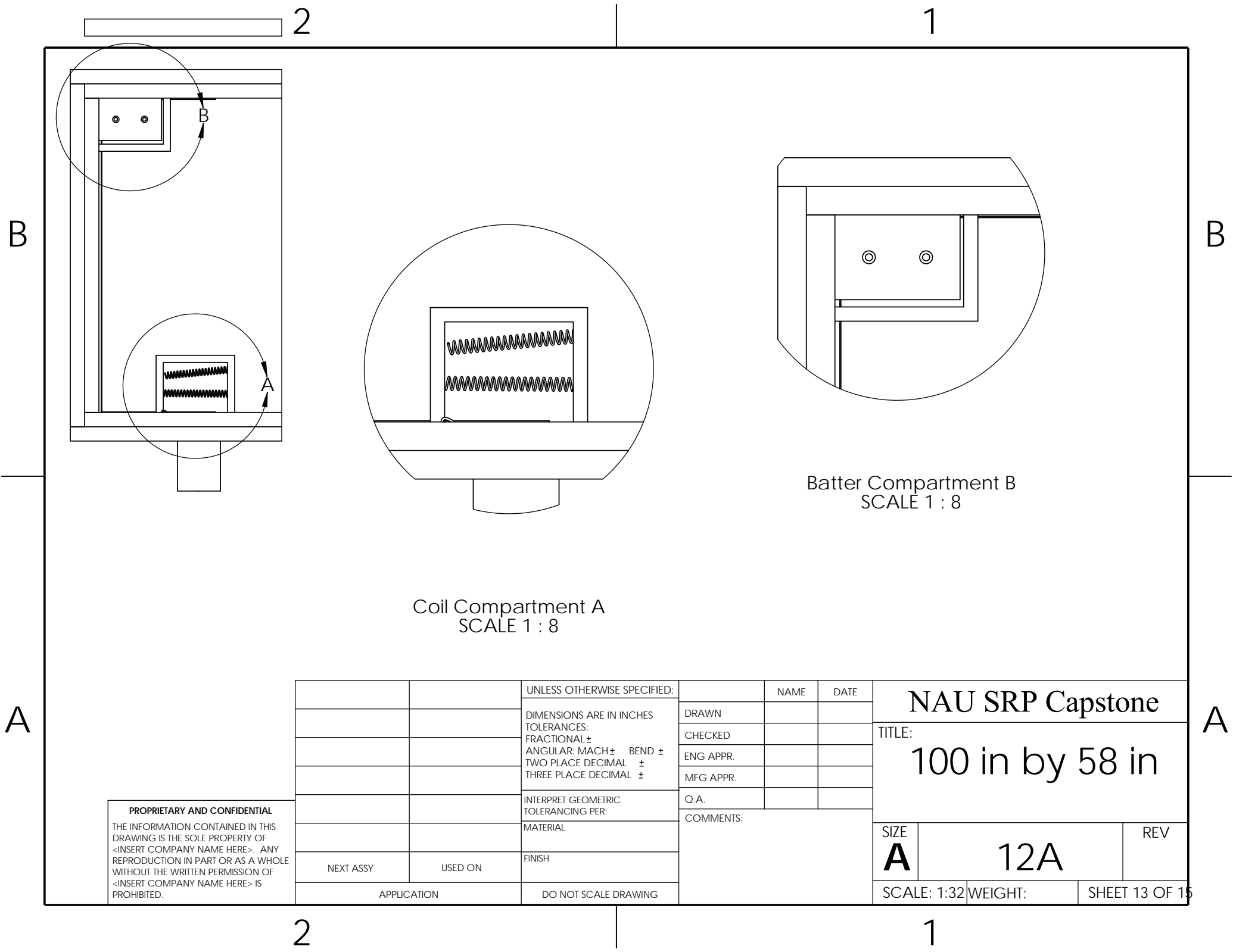
		UNLESS OTHERWISE SPECIFIED:
		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONAL ±
		ANGULAR: MACH ± BEND ±
		TWO PLACE DECIMAL ±
		THREE PLACE DECIMAL ±
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

NAU SRP Capstone		
TITLE:		
Vertica Heat Box		
SIZE	DWG. NO.	REV
A	12	
SCALE: 1:32	WEIGHT:	SHEET 12 OF 15

2

1



Batter Compartment B
SCALE 1 : 8

Coil Compartment A
SCALE 1 : 8

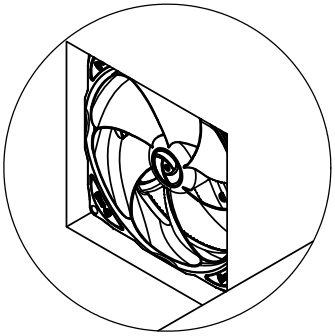
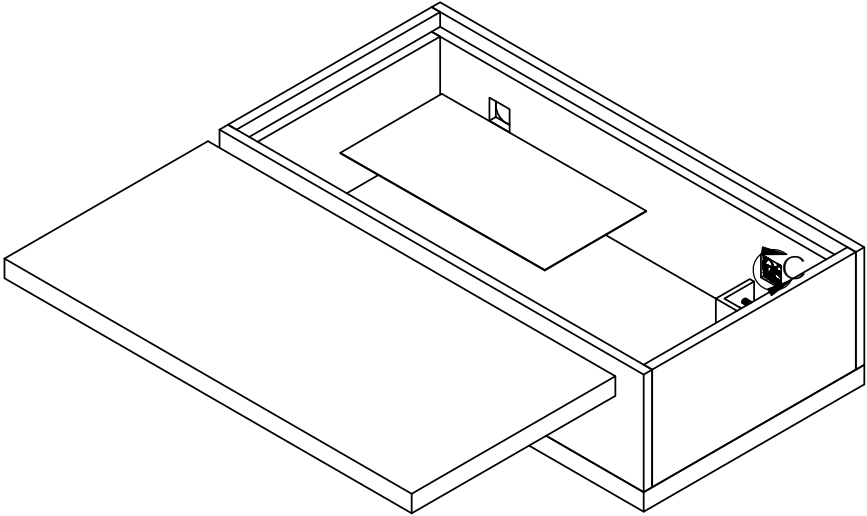
A

A

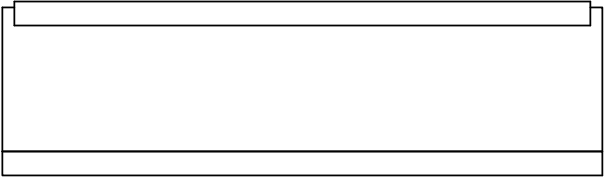
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC			
		TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

NAU SRP Capstone		
TITLE:		
100 in by 58 in		
SIZE		REV
A	12A	
SCALE: 1:32	WEIGHT:	SHEET 13 OF 15



Fan C
SCALE 1 : 4



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC			
		TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

NAU SRP Capstone		
TITLE:		
FAN		
SIZE	DWG. NO.	REV
A	13	
SCALE: 1:32	WEIGHT:	SHEET 14 OF 15

B

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	100 in by 58 in Back Board	100 in by 58 in	1
2	Battery Compartment		1
3	Bottom Board		1
4	Left Side		1
5	Right Side		1
6	Top Board		1
7	Solar Air Heater		1
8	Coil Compartment		1
9	12 V Battery		1
10	Heating Coil		2
11	Part1 ^SRP Vertical Heat Box		1
12	PCM Material		1
13	Frame^Noiseblocker eLoop		1
14	Rotor^Noiseblocker eLoop		1
15	Anti Vibration^Noiseblocker eLoop		8
16	Wires^Noiseblocker eLoop		1
17	3 Pin Fan Plug^Noiseblocker eLoop		2
18	3-Pin Fan Header^Noiseblocker eLoop		1
19	Heatshrink^Noiseblocker eLoop		2
20	Power Cable^Noiseblocker eLoop		1
21	Wire		1

B

A

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			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN					
				CHECKED					
				ENG APPR.					
				MFG APPR.					
			INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.					
			MATERIAL	COMMENTS:			SIZE	DWG. NO.	REV
NEXT ASSY	USED ON	FINISH	A				BOM		
APPLICATION		DO NOT SCALE DRAWING	SCALE: 1:32 WEIGHT: SHEET 15 OF 15						

A

2

1