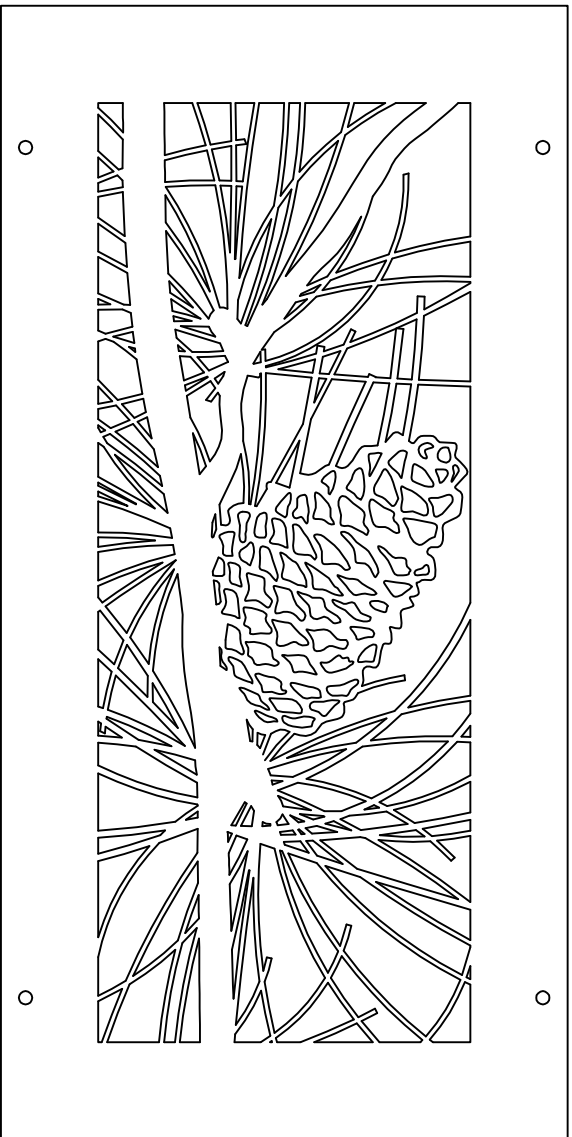
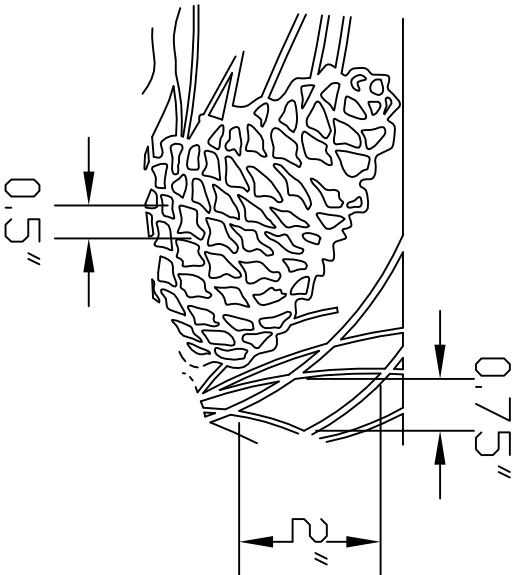


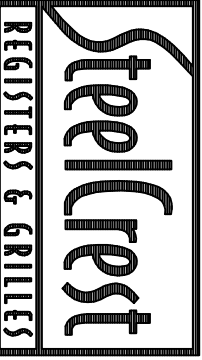
PATTERN DETAIL MEASUREMENTS

NOTE: measurements are approximate and will vary with register size.



PINECONE DESIGN AIR FLOW / PERFORMANCE DATA

SIZE	Velocity	Static Pressure	CUBIC FEET PER MINUTE (CFM)
6x6 (.25ft ²)	250	0.017	170
8x8 (.44ft ²)	500	0.011	300
10x10 (.69ft ²)	750	0.0175	450
12x12 (1.0ft ²)	1000	0.023	700
14x14 (1.36ft ²)	1500	0.035	1020
8x6 (.33ft ²)	0.017	0.011	911
10x6 (.42ft ²)	0.017	0.0175	223
12x6 (.5ft ²)	0.017	0.023	279
14x6 (.58ft ²)	0.017	0.023	335
16x6 (.67ft ²)	0.017	0.023	391
18x6 (.75ft ²)	0.017	0.023	446
20x6 (.83ft ²)	0.017	0.023	502
10x8 (.56ft ²)	0.017	0.023	558
12x8 (.67ft ²)	0.017	0.023	614
14x8 (.78ft ²)	0.017	0.023	670
8x4 (.22ft ²)	0.017	0.023	726
10x4 (.28ft ²)	0.017	0.023	782
12x4 (.33ft ²)	0.017	0.023	838



MATERIAL: 11 GAUGE STEEL

ABOVE DIMENSIONS ARE IN INCHES

FINISH: TO BE DETERMINED

OVERALL OPENNESS, PINECONE PATTERN 68%

PROJECT:

SCALE NONE

DRAWN DH

DATE 9-23-10

G.A.

COMMENTS

PINECONE DESIGN

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